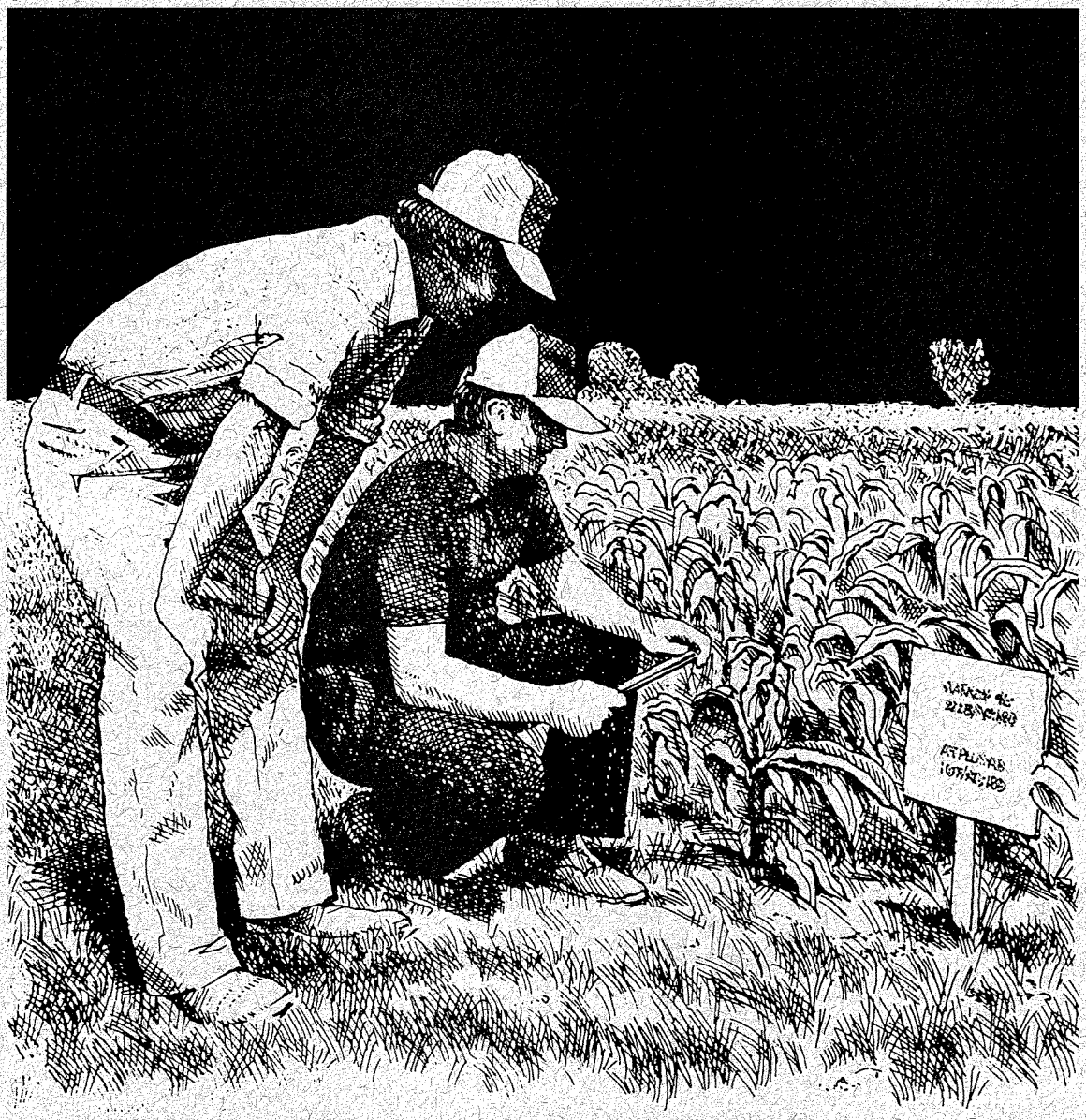
J R Martin

Herbicide Evaluation Trials - 1996

C.H. Slack and W.W. Witt



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I. EXPERIMENTAL TECHNIQUES

DESIGN:

All treatments within an experiment were in a randomized complete block design with three replications per treatment. Each treated plot was two rows wide by twenty-five to forty-five feet long, depending on the experiment. An untreated row separated each plot except in the no-tillage studies.

APPLICATION:

All treatments were applied with a pressurized C02 sprayer at 25 GPA unless indicated otherwise. Plots were incorporated with a field cultivator at both the Lexington and Princeton locations.

EVALUATION:

Weed control was evaluated on a 0 to 100 scale with 0 representing no control and 100 representing total control. Crop injury was also based on a 0 to 100 scale with 0 representing no injury and 100 representing crop death

CULTIVATION:

Plots were not cultivated except where indicated.

SPECIFIC EXPERIMENTAL INFORMATION:

The following information is found at the end of each summary: (A) location, (B) fertilization, (C) soil type, (D) pH, (E) organic matter, (F) treatment date(s), (H) planting dates, (I) crop and/or weed growth stage for postemergence application, (J) enviromental conditions at each application stage.

II. ABBREVIATIONS

A. Weed Species

ABB	COMMON NAME	SCIENTIFIC NAME
ABUTH	Velvetleaf	Abutilon theophrasti
ACCOS	Hophornbeam Copperleaf	Acalypha ostryifolia
AMACH	Smooth Pigweed	Amaranthus hybridus
AMARE	Redroot Pigweed	Amaranthus retroflexus
AMBEL	Common Ragweed	Ambrosia artemisiifolia
AMBTR	Giant Ragweed	Ambrosia trifida
AMPAL	Honeyvine Milkweed	Ampelamus albidus
BRAPP	Broadleaf Signalgrass	Brachiaria platyphylla
CAGSE	Hedge Bindweed	Calystegia sepium
CHEAL	Common Lambsquarters	Chenopodium album
DATST	Jimsonweed	Datura stramonium
DIGSA	Large Crabgrass	Digitaria sanguinalis
ELEIN	Goosegrass	Eleusine indica
GLYMA	Soybean	Glycine max
IPOHE	Ivyleaf Morningglory	Ipomoea hederacea
IPOLA	Pitted Morningglory	Ipomoea lacunosa
PHBPU	Tall Morningglory	Ipomoea purpurea
PHYHE	Clammy Groundcherry	Physalis heterophylla
POLPY	Pennsylvania Smartweed	Polygonum pensylvanicum
SETFA	Giant Foxtail	Setaria faberi
SETVI	Green Foxtail	Setaria viridis
SIDSP	Prickly Sida	Sida spinosus
SOLCA	Horsenettle	Solanum carolinense
SOLPT	Eastern Black Nightshade	Solanum ptycanthum
SORHA	Johnsongrass	Sorghum halepense
XANST	Common Cocklebur	Xanthium strumarium
ZEAMX	Corn	Zea mays

B. Miscellaneous

BBBB	All Broadleaf Species
GGGG	All Grass Species

II. ABBREVIATIONS

C. Herbicide application times in Reference to Crop or Weed.

PREEMERGENCE

4WK -4 WEEKS BEFORE PLANTING
2WK -2 WEEKS BEFORE PLANTING
1WK -1 WEEK BEFORE PLANTING
EPP -EARLY PREPLANT
PPI -PREPLANT INCORPORATED
PRE -PREEMERGENCE

POSTEMERGENCE

EP -EARLY POSTEMERGENCE WEEDS < 2"
MP -MID-POSTEMERGENCE WEEDS 2-4"
LMP -LATE MID-POSTEMERGENCE WEEDS 4-5"
LP -LATE POSTEMERGENCE WEEDS 4-6"
POD -POSTEMERGENCE DIRECTED
POT -POST TRANSPLANT
2TR -2 TRIFOLIATE
3TR -3 TRIFOLIATE
V4 -4 LEAF CORN
SPK -SPIKING CORN
1LF -1 LEAF CORN
+7D -SEQUENTIAL TREATMENT APPLIED 7 DAYS AFTER FIRST APPLICATION
+2W -APPLIED 2 WEEKS AFTER FIRST APPLICATION
4"C -4 INCH CORN
6"C -6 INCH CORN
7"C -7 INCH CORN
8"C -8 INCH CORN
10"C -10 INCH CORN
10C -10 INCH CORN
13C -13 INCH CORN
20C -20 INCH CORN
3"W -3 INCH WEEDS
5"W -5 INCH WEEDS
6"W -6 INCH WEEDS
9"W -9 INCH WEEDS
10"W -10 INCH WEEDS
12"W -12 INCH WEEDS
+3W -3 INCH REGROWTH
12J -12 INCH JOHNSONGRASS
18J -18 INCH JOHNSONGRASS
IFN -IF NEEDED
REG -WEED REGROWTH

III. A. APRIL CLIMATOLOGICAL DATA, SPINDLETOP

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
04-01-96	53	33	43	0.71	100	53	52	47	54	44	
04-02-96	55	28	42		100	40	51	41	55	37	
04-03-96	72	42	57		60	26	52	47	59	42	
04-04-96	70	39	54	0.09	100	35	53	50	58	49	
04-05-96	38	33	36	T	100	81	49	45	46	41	
04-06-96	46	29	38		95	37	49	43	49	39	
04-07-96	46	24	35		100	39	48	40	49	36	
04-08-96	43	33	38		95	59	47	43	47	39	
04-09-96	39	28	34		87	52	46	40	45	36	
04-10-96	56	26	41		99	33	50	39	52	35	
04-11-96	71	37	54		58	29	53	42	59	39	
04-12-96	79	59	69		62	36	58	49	67	50	
04-13-96	65	48	56	0.16	100	60	55	53	59	53	
04-14-96	56	41	48		100	74	54	50	57	49	
04-15-96	65	38	52	0.25	99	67	53	51	56	50	
04-16-96	52	37	44		100	48	51	49	51	44	
04-17-96	65	30	48		94	36	53	47	62	41	
04-18-96	76	51	64		64	24	55	51	66	49	
04-19-96	75	58	66	T	90	49	58	54	68	58	
04-20-96	71	58	64	0.99	100	63	60	57	65	59	
04-21-96	71	52	62		97	65	62	56	69	55	
04-22-96	74	60	67	0.02	100	59	61	58	67	59	
04-23-96	64	41	52	1.42	100	86	60	55	61	50	
04-24-96	62	32	47		100	48	56	50	62	43	
04-25-96	74	53	64		59	31	57	53	61	50	
04-26-96	68	43	56	0.38	100	43	57	54	61	51	
04-27-96	59	32	46		96	44	56	49	62	54	
04-28-96	58	46	52	0.07	93	61	55	53	55	51	
04-29-96	75	52	64	0.89	100	59	59	54	67	56	
04-30-96	55	40	48	0.17	100	47	59	54	59	51	

SUMMARY 04 OF 96	62	41	51	5.15	92	49	54	49	58	47	
DEV. 04 OF 96	-4	-4	-4	+1.27							

III. A. MAY CLIMATOLOGICAL DATA, SPINDLETOP

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
05-01-96	66	43	54	0.06	94	58	54	51	58	47	
05-02-96	69	46	58	0.08	100	49	58	51	68	47	
05-03-96	77	54	66	0.21	100	64	61	56	71	56	
05-04-96	77	60	68	0.35	100	74	63	60	72	61	
05-05-96	77	59	68	2.71	100	82	64	60	72	61	
05-06-96	64	57	60	T	100	78	63	61	66	62	
05-07-96	70	58	64	0.05	100	86	62	60	68	59	
05-08-96	77	63	70	0.16	100	73	63	61	70	62	
05-09-96	83	61	72	0.10	92	57	66	61	76	60	
05-10-96	81	63	72	0.05	100	58	68	63	76	63	
05-11-96	67	48	58	0.11	100	90	66	60	68	59	
05-12-96	57	40	48		100	49	60	56	66	52	
05-13-96	53	42	48		74	41	58	56	61	53	
05-14-96	65	35	50		95	35	57	51	66	47	
05-15-96	72	52	62	0.70	100	60	59	56	62	57	
05-16-96	77	68	72	T	94	81	63	59	71	62	
05-17-96	85	66	76		98	67	66	62	76	63	
05-18-96	87	68	78		93	52	69	64	79	65	
05-19-96	87	70	78		96	57	71	66	82	67	
05-20-96	84	70	77		94	62	71	67	84	69	0.32
05-21-96	76	64	70		100	61	70	67	75	69	
05-22-96	78	54	66		100	35	69	63	82	62	
05-23-96	82	53	68		96	50	68	62	83	63	
05-24-96	89	64	76		98	53	71	66	86	70	
05-25-96	74	60	67	0.16	100	81	71	67	79	69	
05-26-96	77	63	70	0.98	100	84	69	66	76	66	
05-27-96	78	63	70	1.60	100	86	69	68	74	68	
05-28-96	78	62	70	0.91	100	75	71	66	79	66	
05-29-96	68	57	62		100	82	70	66	75	64	
05-30-96	69	46	58		79	50	70	64	74	65	
05-31-96	76	47	62		94	51	70	62	78	58	

SUMMARY 05 OF 96	75	57	66	8.23	97	64	65	61	73	61	0.32
DEV. 05 OF 96	-1	+2	+0	+3.76							

III. A. JUNE CLIMATOLOGICAL DATA, SPINDLETOP

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
06-01-96	77	62	70		91	54	70	66	79	65	
06-02-96	68	59	64	0.29	100	61	68	65	70	65	
06-03-96	76	60	68	0.08	100	70	69	64	76	64	
06-04-96	69	54	62	0.01	100	54	68	64	73	62	
06-05-96	75	50	62		100	49	70	62	78	59	
06-06-96	80	61	70	0.10	100	67	69	65	76	64	
06-07-96	75	65	70	0.97	100	81	69	67	74	68	
06-08-96	70	64	67	0.23	100	96	69	67	72	67	
06-09-96	77	62	70	0.08	100	73	71	67	78	66	
06-10-96	75	59	67	0.28	100	62	69	66	76	64	0.19
06-11-96	74	61	68	0.44	100	81	69	66	75	65	0.00
06-12-96	79	63	71	0.28	100	69	73	67	79	66	0.23
06-13-96	82	61	72		100	57	75	68	83	66	0.25
06-14-96	86	65	76		100	60	76	70	85	69	0.24
06-15-96	86	62	74	T	100	52	78	70	88	69	0.25
06-16-96	89	66	78		100	53	80	72	89	72	0.27
06-17-96	88	70	79		100	61	83	73	89	76	0.27
06-18-96	85	71	78	0.17	100	68	81	74	86	76	0.38
06-19-96	85	70	78	0.01	100	66	82	74	86	74	0.17
06-20-96	85	67	76	T	100	69	83	74	86	74	0.26
06-21-96	86	63	74		100	64	84	73	89	73	0.18
06-22-96	89	72	80		99	70	83	76	88	77	0.33
06-23-96	90	69	80	0.35	100	68	85	75	89	76	0.22
06-24-96	87	70	78	0.16	100	71	84	78	87	78	0.10
06-25-96	76	65	70		100	62	82	74	83	74	0.24
06-26-96	77	57	67		100	53	81	71	83	69	0.20
06-27-96	82	57	70		98	49	81	70	87	69	0.27
06-28-96	87	62	74		100	55	83	72	90	73	0.28
06-29-96	89	66	78		100	60	84	73	91	75	0.30
06-30-96	91	71	81		99	61	85	75	91	77	0.20

SUMMARY 06 OF 96	81	63	72	3.45	100	64	77	70	83	70	4.83
DEV. 06 OF 96	-2	+1	-0	-0.21							

III. A. JULY CLIMATOLOGICAL DATA, SPINDLETOP

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
07-01-96	89	73	81	0.49	100	70	84	77	91	80	0.07
07-02-96	86	65	76	0.40	100	72	83	77	86	78	0.21
07-03-96	76	59	68		100	54	78	73	80	71	0.36
07-04-96	77	55	66		99	42	78	69	83	67	0.21
07-05-96	80	56	68		94	39	78	69	85	68	0.33
07-06-96	85	58	72		98	47	80	69	89	70	0.27
07-07-96	88	69	78	0.12	98	68	78	72	86	74	0.17
07-08-96	82	70	76		100	85	88	74	82	76	0.18
07-09-96	77	66	72		100	55	79	73	84	72	0.32
07-10-96	76	58	67		100	48	78	69	86	69	0.41
07-11-96	78	54	66		98	59	76	68	83	70	0.22
07-12-96	86	63	74		100	59	78	70	87	72	0.17
07-13-96	82	69	76	0.03	100	75	78	73	85	75	0.29
07-14-96	85	68	76	0.54	100	52	80	72	87	74	0.22
07-15-96	79	68	74	0.67	100	67	78	73	81	73	0.28
07-16-96	84	64	74		98	58	80	72	84	70	0.29
07-17-96	85	64	74		100	72	79	72	83	71	0.20
07-18-96	86	74	80		99	71	80	75	85	75	0.26
07-19-96	83	73	78	0.14	100	84	78	76	81	76	0.16
07-20-96	78	66	72	0.02	100	63	78	74	84	74	0.19
07-21-96	80	60	70	0.01	100	71	75	71	81	70	0.24
07-22-96	74	68	71		100	90	76	74	78	74	0.11
07-23-96	80	64	72		100	64	78	72	85	71	0.17
07-24-96	84	66	75		100	59	79	72	88	72	0.35
07-25-96	78	65	72	0.22	100	61	77	72	80	73	0.13
07-26-96	80	59	70		100	56	77	69	82	68	0.24
07-27-96	81	58	70		100	50	78	70	85	69	0.25
07-28-96	78	60	69	0.02	100	70	76	70	81	71	0.20
07-29-96	80	65	72		100	74	75	70	81	70	0.16
07-30-96	77	67	72	0.09	100	79	75	71	79	72	0.21
07-31-96	78	65	72	2.05	100	65	77	71	81	72	0.03

SUMMARY 07 OF 96	81	64	73	4.80	99	64	78	72	84	72	6.90
DEV. 07 OF 96	-5	-1	-3	-0.20							

III. A. AUGUST CLIMATOLOGICAL DATA, SPINDLETOP

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
08-01-96	78	58	68		100	60	76	69	78	67	0.16
08-02-96	78	63	70	T	100	63	76	71	80	69	0.17
08-03-96	84	60	72		100	57	77	70	85	69	0.18
08-04-96	86	64	75		100	59	79	71	88	71	0.23
08-05-96	88	66	77		100	66	80	73	89	74	0.26
08-06-96	90	72	81		100	65	82	74	91	76	0.22
08-07-96	88	72	80		100	67	82	75	91	78	0.27
08-08-96	87	70	78	1.22	100	74	82	76	90	78	0.20
08-09-96	81	61	71		100	56	78	73	83	72	0.26
08-10-96	79	59	69		100	50	77	71	83	69	0.26
08-11-96	76	63	70	.14	100	75	78	75	81	72	.16
08-12-96	76	66	71	0.08	100	77	76	75	79	71	0.07
08-13-96	81	62	72		100	58	76	70	82	68	0.23
08-14-96	85	62	74		100	56	78	70	86	69	0.24
08-15-96	81	66	74		100	69	77	72	83	72	0.20
08-16-96	84	66	75	0.31	100	67	78	72	83	72	0.25
08-17-96	82	63	72		100	69	78	72	82	71	0.22
08-18-96	85	66	76		100	63	79	72	87	71	0.12
08-19-96	89	67	78		100	56	80	73	90	73	0.20
08-20-96	88	70	79	0.01	100	56	81	74	90	75	0.24
08-21-96	87	70	78	0.04	100	68	79	74	86	76	0.20
08-22-96	89	67	78		100	56	81	73	90	73	0.16
08-23-96	88	71	80		100	58	81	74	90	76	0.27
08-24-96	77	65	71	0.11	100	64	78	74	83	76	0.22
08-25-96	82	55	68		100	54	76	69	85	68	0.16
08-26-96	85	59	72		100	36	77	69	66	79	0.24
08-27-96	79	62	70	1.22	100	74	77	70	80	73	0.19
08-28-96	84	62	73		100	56	78	74	88	70	0.13
08-29-96	84	60	72		100	50	76	70	83	70	0.15
08-30-96	83	64	74		100	52	75	71	85	71	0.13
08-31-96	82	54	68		100	53	74	68	84	68	0.14

SUMMARY 08 OF 96	83	64	74	3.13	100	61	78	72	85	72	6.13
DEV. 08 OF 96	-1	+2	+1	-0.80							

III. B. APRIL CLIMATOLOGICAL DATA, PRINCETON

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
04-01-96	54	35	44	0.09	68	28	54	50			
04-02-96	67	30	48		70	12	54	52			
04-03-96 E	77	48	62		64	29	54	52			
04-04-96 E	60	42	51	0.17	83	29	52	48			
04-05-96 E	38	35	36		82	64	49	47			
04-06-96 E	49	35	42		88	36	48	46			
04-07-96 E	51	25	38		88	43	48	44			
04-08-96 E	45	37	41	0.27	98	60	49	46			
04-09-96 E	52	24	38		60	30	49	46			
04-10-96 E	64	26	45		90	30	52	46			
04-11-96	76	42	59		65	30	52	48			
04-12-96	78	60	69		80	40	56	52			
04-13-96	78	48	63	0.60	100	48	56	54			
04-14-96	69	34	52		100	50	57	51			
04-15-96	68	42	55	0.02	100	40	54	51			
04-16-96 E	65	38	52	0.06	90	35	58	52			
04-17-96	79	40	60		85	30	58	50			
04-18-96	76	57	66	T	88	70	54	52			
04-19-96	81	64	72	T	90	58	60	54			
04-20-96	81	59	70	1.83	90	44	64	60			
04-21-96	79	50	64				64	60			
04-22-96	78	64	71	0.07			65	62			
04-23-96	68	45	56	0.30	100	44	65	63			
04-24-96	72	37	54		100	38	66	62			
04-25-96	80	61	70		50	30	65	56			
04-26-96	80	53	66	0.33	100	40	66	54			
04-27-96	68	38	53		100	38	68	54			
04-28-96	80	52	66	0.19	100	60	63	57			
04-29-96	84	54	69	1.95	100	68	64	56			
04-30-96 E	60	39	50	0.10	100	40	60	58			

Summary 04 of 96	69	44	56	5.98	87	42	57	53			
Dev. 04 of 96	-3	-3	-3	+1.18							

III. B. MAY CLIMATOLOGICAL DATA, PRINCETON

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
05-01-96	64	40	52	T	100	60	64	57			
05-02-96	72	44	58		100	54	65	56			
05-03-96	81	52	66		100	64	65	56			
05-04-96	81	66	74		100	52	66	60			
05-05-96	80	62	71	0.26	100	62	66	65			
05-06-96	65	58	62	0.81	100	82	66	65			
05-07-96	73	60	66	0.50	100	100	68	64			
05-08-96	84	62	73	0.07	100	64	68	66			
05-09-96	86	65	76		100	72	70	68			
05-10-96	85	67	76		100	70	72	64			
05-11-96	82	52	67	0.63	100	74	72	64			
05-12-96	67	47	57		100	46	72	63			
05-13-96	60	47	54	0.13	100	64	72	63			
05-14-96	68	38	53		100	48	72	66			
05-15-96	82	56	69	0.73	100	72	74	68			
05-16-96	85	68	76	T	100	70	72	68			
05-17-96	88	66	77		100	50	74	68			
05-18-96	89	78	84		100	52	74	70			
05-19-96	89	71	80		100	62	77	70			
05-20-96	88	68	78		100	48	78	70			
05-21-96	88	72	80		100	40	80	72			
05-22-96	84	56	70		100	50	80	74			
05-23-96	88	56	72		100	70	82	76			
05-24-96	92	70	81		100	60	82	78			
05-25-96	92	64	78		100	38	84	76			
05-26-96	89	76	82		96	52	81	76			
05-27-96	80	64	72	1.38	100	92	81	78			
05-28-96	85	64	74	0.08	100	60	82	72			
05-29-96	81	56	68	0.60	100	74	84	78			
05-30-96	76	56	66		100	50	84	72			
05-31-96	80	49	64		100	62	84	76			

Summary 05 of 96	81	60	70	5.19	100	62	75	68			
Dev. 05 of 96	+0	+3	+2	+0.23							

III. B. JUNE CLIMATOLOGICAL DATA, PRINCETON

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
06-01-96	80	65	72	T	100	70	82	78			
06-02-96	80	65	72	1.07	100	62	77	70			
06-03-96	82	62	72		100	58	78	72			
06-04-96	80	53	66		100	48	78	72			
06-05-96	78	52	65	0.05	100	90	78	74			
06-06-96	84	67	76	0.10	100	70	79	70			
06-07-96	80	65	72	0.45	100	92	78	72			
06-08-96	74	62	68	0.03	100	90	78	70			
06-09-96	70	59	64	0.14	100	96	76	71			
06-10-96	70	60	65	0.37	100	100	76	71			
06-11-96	80	62	71	0.62	100	78	78	70			
06-12-96	82	64	73	0.28	100	72	78	74			
06-13-96	87	65	76	0.38	100	82	80	76			
06-14-96	91	66	78		100	88	80	76			
06-15-96	91	68	80		98	50	84	78			
06-16-96	92	66	79		98	56	84	75			
06-17-96	92	69	80		100	60	84	78			
06-18-96	82	68	75	0.52	100	80	84	76			
06-19-96	89	69	79		100	76	86	77			
06-20-96	90	70	80		100	56	85	79			
06-21-96	93	68	80		100	62	86	79			
06-22-96	94	70	82		100	60	86	80			
06-23-96	94	74	84		100	62	86	80			
06-24-96	94	74	84	0.05	100	72	86	80			
06-25-96	84	68	76	0.07	100	60	88	78			
06-26-96	84	58	71		100	40	88	78			
06-27-96	87	65	76		100	60	88	80			
06-28-96	92	62	77		100	50	88	78			
06-29-96	94	68	81		100	60	88	78			
06-30-96	94	72	83		100	58	88	80			

Summary 06 of 96	85	65	75	4.13	100	69	82	76			
Dev. 06 of 96	-2	+2	+0	+0.28							

III. B. JULY CLIMATOLOGICAL DATA, PRINCETON

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
07-01-96	96	70	83		100	62	88	80			
07-02-96	94	72	83		100	70	90	82			
07-03-96	92	65	78	0.23	100	58	90	82			
07-04-96	86	62	74		100	62	90	82			
07-05-96	85	56	70		100	44	90	82			
07-06-96	92	58	75		100	62	90	78			
07-07-96	92	75	84		100	80	86	80			
07-08-96	92	72	82	0.62	100	85	86	80			
07-09-96	80	65	72		100	50	84	76			
07-10-96	82	60	71		100	38	84	78			
07-11-96	85	65	75		100	42	84	76			
07-12-96	88	60	74		100	38	84	76			
07-13-96	90	60	75		100	32	86	78			
07-14-96	88	68	78	0.61	100	66	85	75			
07-15-96	86	67	76	1.20	100	60	84	76			
07-16-96	90	62	76		100	50	84	76			
07-17-96	92	70	81		100	62	86	78			
07-18-96	93	75	84		100	52	86	76			
07-19-96	94	72	83		100	70	86	80			
07-20-96	92	70	81	1.85	100	92	86	78			
07-21-96	92	73	82		100	66	85	77			
07-22-96	86	68	77	0.59	100	100	85	80			
07-23-96	85	62	74		100	60	86	82			
07-24-96	89	65	77		100	48	86	80			
07-25-96	90	68	79		100	50	84	78			
07-26-96	84	60	72		100	38	86	82			
07-27-96	86	64	75		100	32	84	78			
07-28-96	85	69	77	0.18	100	64	83	77			
07-29-96	83	64	74	1.61	100	94	85	77			
07-30-96	81	65	73	0.14	100	96	80	76			
07-31-96	81	68	74	0.01	100	68	80	76			

Summary 07 of 96	88	66	77	7.04	100	61	86	78			
Dev. 07 of 96	-1	-0	-1	+2.75							

III. B. AUGUST CLIMATOLOGICAL DATA, PRINCETON

DATE	AIR TEMP MX	MN	AV	PRECIP	RH MX	MN	SOIL TEMP GRASS MX	MN	BARE MX	MN	EVAP
08-01-96	82	59	70		100	50	81	76			
08-02-96	84	69	76	0.30	100	60	81	78			
08-03-96	85	62	74		100	60	81	78			
08-04-96	89	65	77		100	56	81	76			
08-05-96	93	73	83		100	52	81	76			
08-06-96	94	72	83		100	70	86	80			
08-07-96	92	74	83	T	100	80	85	80			
08-08-96	92	72	82		100	76	88	82			
08-09-96	85	66	76		100	50	85	77			
08-10-96	84	60	72		100	58	86	77			
08-11-96	83	65	74		100	84	81	78			
08-12-96	80	68	74		100	90	82	78			
08-13-96	85	63	74		100	32	81	76			
08-14-96	88	61	74		100	60	84	74			
08-15-96	89	63	76		100	70	82	78			
08-16-96	90	68	79		100	50	84	78			
08-17-96	89	66	78	T	100	50	84	76			
08-18-96	90	72	81		100	54	81	76			
08-19-96	94	70	82		100	50	82	78			
08-20-96	94	72	83		100	56	82	76			
08-21-96	94	68	81	0.38	100	100	84	78			
08-22-96	93	68	80		100	58	84	76			
08-23-96	94	69	82		100	50	86	76			
08-24-96	92	70	81	0.14	100	70	84	78			
08-25-96	86	70	78		100	60	83	78			
08-26-96	88	67	78		100	66	81	77			
08-27-96	89	63	76		100	72	82	77			
08-28-96	86	65	76		100	58	81	77			
08-29-96	87	65	76		100	54	82	77			
08-30-96	87	71	79		100	46	82	77			
08-31-96	87	62	74		100	40	82	76			

Summary 08 of 96	89	67	78	0.82	100	61	83	77			
Dev. 08 of 96	+1	+3	+2	-3.19							

IV. HERBICIDES IN REPORT

TRADE NAME	CHEMICAL/COMMON	COMPANY
AATREX	ATRAZINE	CIBA
ACCENT	NICOSULFURON	DUPONT
ACTION	CGA 248757	CIBA
ACTIVATOR 90	NONIONIC SURFACTANT	LOVELAND
ASSURE II	QUIZALOFOP	DUPONT
AUTHORITY	SULFENTRAZONE	FMC
AXIOM	THIAFLUAMIDE + METRIBUZIN	BAYER
BALANCE	ISOXAFLUTOLE	RHONE-POULENC
BANVEL	DICAMBA (DIMETHYLAMINE SALT)	SANDOZ
BASAGRAN	BENTAZON	BASF
BASIS	RIMSULFURON + THIFENSULFURON	DUPONT
BATTALION	MON 12000 + MON 13900	MONSANTO
BEACON	PRIMISULFURON	CIBA
BICEP II	METOLACHLOR + ATRAZINE + BENOXACOR (2.7+ 3.2 +.1)	CIBA
BLADEX 90DF	CYANAZINE	DUPONT
BLAZER 2L	ACIFLUORFEN	BASF
BROADSTRIKE SF + DUAL	FLUMETSULAM + METOLACHLOR	DowElanco
BROADSTRIKE PLUS	FLUMETSULAM + CLOPYRALID	DowElanco
BROADSTRIKE + TREFLAN	FLUMETSULAM + TRIFLURALIN	DowElanco
BUCTRIL	BROMOXYNIL	RHONE-POULENC
BUCTRIL GEL	BROMOXYNIL	RHONE-POULENC
BULLET	ALACHLOR MT + ATRAZINE (2.5 + 1.5)	MONSANTO
CANOPY	CHLORIMURON + METRIBUZIN (1:6)	DUPONT
CGA 248757	CGA 248757	CIBA
CGA 77102 + BENOXACOR		CIBA
CGA 277476		CIBA
CHOICE	AMMONIUM SULFATE	LOVELAND
CLARITY	DICAMBA (DIGLYCOLAMINE SALT)	SANDOZ
CLASSIC	CHLORIMURON	DUPONT
COBRA	LACTOFEN	VALENT
COMMAND	CLOMAZONE	FMC
CONCLUDE XTRA	BENTAZON + ACIFLUORFEN + CLETHODIM	BASF
CONTOUR	IMAZETHAPYR + ATRAZINE	AMERICAN CYANAMID
COUNTER	TERBUFOS	AMERICAN CYANAMID

TRADE NAME	CHEMICAL/COMMON	COMPANY
CROP OIL CONCENTRATE (COC)		LOVELAND
CY-PRO 4L	CYANAZINE	GRIFFIN
CY-PRO 90DF	CYANAZINE	GRIFFIN
DASH HC	ADJUVANT	BASF
DETAIL	IMAZAQUIN + DIMETHENAMID	AMERICAN CYANAMID
DPX-79406	Nicosulfuron + Rimsulfuron	DUPONT
DUAL II	METOLACHLOR + BENOXACOR	CIBA
EXCEED	PROSULFURON + PRIMISULFURON	CIBA
EXTRAZINE II	CYANAZINE + ATRAZINE 3:1	DUPONT
F-6025	CHLORIMURON	DUPONT
F-6285	SULFENTRAZONE	FMC
F-8426	CARFENTRAZONE	FMC
FIRSTRATE	CLORANSULAM	DowElanco
FLEXSTAR	FOMESAFEN + SURFACTANT	ZENECA
FLUMETSULAM	FLUMETSULAM	DowElanco
FRONTIER	DIMETHENAMID (SAN 582H)	SANDOZ
FURADAN	CARBOFURAN	FMC
FUSILADE DX	FLUAZIFOP-P-BUTYL	ZENECA
FUSION	FLUAZIFOP-P-BUTYL + FENOXAPROP-P-ETHYL	ZENECA
GALAXY	BENTAZON + ACIFLUORFEN (3 + .67)	BASF
GRAMOXONE EXTRA	PARAQUAT	ZENECA
GUARDSMAN	DIMETHENAMID + ATRAZINE	SANDOZ
GX 413	CYANAZINE + ATRAZINE 4L (32 + 10.4%)	GRIFFIN
GX 414	CYANAZINE + ATRAZINE 90DF (67.5 + 21.4%)	GRIFFIN
HARNESS	ACETOCHLOR	MONSANTO
HARNESS XTRA	ACETOCHLOR + ATRAZINE	MONSANTO
ICIA 5676/ATRAZINE	ACETOCHLOR + SAFENER + ATRAZINE	ZENECA
LEXONE	METRIBUZIN	DUPONT
LIBERTY	GLUFOSINATE	AgrEvo
LIGHTNING		AMERICAN CYANAMID
LIQUID FERTILIZER	28% NITROGEN	
MARKSMAN	DICAMBA + ATRAZINE (2.1 + 1.1)	SANDOZ
MICRO-TECH	ALACHLOR	MONSANTO
MON 7779	ALACHLOR + CLOMAZONE (6:1)	MONSANTO
MON 8435	ACETOCHLOR	MONSANTO
MSO	METYLATED SEED OIL	LOVELAND
OPTION II	FENOXAPROP-P-ETHYL	AgrEvo

TRADE NAME	CHEMICAL/COMMON	COMPANY
PARTNER	ALACHLOR	MONSANTO
PEAK	PROSULFURON	CIBA
PERMIT	HALOSULFURON	MONSANTO
PINNACLE	THIFENSULFURON	DUPONT
POAST PLUS	SETHOXYDIM + DASH	BASF
PRESTIGE	SETHOXYDIM	AMERICAN CYANAMID
PRINCEP	SIMAZINE	CIBA
PROWL	PENDIMETHALIN	AMERICAN CYANAMID
PURSUIT	IMAZETHAPYR	AMERICAN CYANAMID
RAPTOR	ACC 299,263	AMERICAN CYANAMID
REFLEX	FOMESAFEN	ZENECA
RESOLVE	IMAZETHAPYR + DICAMBA	AMERICAN CYANAMID
RESOURCE	FLUMICLORAC-PENTYL	VALENT
ROUNDUP	GLYPHOSATE	MONSANTO
ROUNDUP ULTRA	GLYPHOSATE + ADJUVANT	MONSANTO
SALUTE	TRIFLURALIN + METRIBUZIN (2.67 + 1.33)	BAYER
SAN-1269H		SANDOZ
SAN-1289H		SANDOZ
SAN 1318H	DIMETHENAMID + DICAMBA + IMAZETHAPYR	SANDOZ
SAN-1412H		SANDOZ
SCEPTER DG	IMAZAQUIN	AMERICAN CYANAMID
SCEPTER/PURSUIT	IMAZAQUIN + IMAZETHAPYR	AMERICAN CYANAMID
SCORPION III	FLUMETSULAM + 2,4-D + CLOPYRALID	DowElanco
SELECT	CLETHODIM	VALENT
SENCOR 75DF	METRIBUZIN	BAYER
SPREADER 80	NONIONIC SURFACTANT	LOVELAND
SQUADRON	PENDIMETHALIN + IMAZAQUIN	AMERICAN CYANAMID
STATUS	ACIFLUORFEN	AMERICAN CYANAMID
STELLAR	LACTOFEN + FLUMICLORAC (3:1)	VALENT
STINGER	CLOPYRALID	DowElanco
STORM	BENTAZON + ACIFLUORFEN (2.66 + 1.33)	BASF
SUN-IT II	METHYLATED SEED OIL	AMERICAN CYANAMID
SURPASS	ACETOCHLOR	ZENECA
SURPASS 100	ACETOCHLOR + ATRAZINE (3 + 2)	ZENECA
SYNCHRONY STS	CHLORIMURON + THIFENSULFURON	DUPONT
TOPNOTCH	ACETOCHLOR + SAFENER	ZENECA
TORNADO	FOMESAFEN + FLUAZIFOP-P-BUTYL	ZENECA

TRADE NAME	CHEMICAL/COMMON	COMPANY
TOUCHDOWN	SULFOSATE	ZENECA
TOUGH	PYRIDATE	SANDOZ
TREFLAN	TRIFLURALIN	DowElanco
TURBO	METOLACHLOR + METRIBUZIN (6.55 + 1.45)	BAYER
TWISTER	FOMESAFEN + FENOXAPROP + FLUAZIFOP	ZENECA
TYPHOON	FOMESAFEN + FLUAZIFOP-P-BUTYL	ZENECA
V-53482		VALENT
VC-1097		VALENT
WEEDAR 64	2,4-D AMINE	RHONE-POULENC
WEEDONE 638	2,4-D ACID + 2,4-D ESTER	RHONE-POULENC
WEEDONE LV4	2,4-D ESTER	RHONE-POULENC
X-77	NONIONIC SURFACTANT	VALENT

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREEMERGENCE

Trial ID: C6001 Investigator:
Location: LEXINGTON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	PHBPU	ZEAMX	SETFA	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	PHBPU	ZEAMX	SETFA	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	BULLET	4	F	4	LB A/A	PRE	97	73	0	97	73	77	0	97	70	80
2	BICEP II	5.9	F	3.6	LB A/A	PRE	93	73	0	93	73	73	0	93	73	77
3	SURPASS 100	5	SC	3	LB A/A	PRE	100	70	0	100	70	73	0	100	70	77
4	GUARDSMAN	5	E	2.8	LB A/A	PRE	100	30	0	100	27	33	0	100	27	33
5	GUARDSMAN	5	E	2.8	LB A/A	PRE	97	90	0	97	93	87	0	97	93	87
5	CLARITY	4	E	.5	LB A/A	7"C										
5	ACTIVATOR 90			.25	% V/V	7"C										
5	LIQUID N		L	1	QT/A	7"C										
6	GUARDSMAN	5	E	2.8	LB A/A	PRE	93	90	0	93	90	90	0	93	90	90
6	MARKSMAN	3.2	F	1.4	LB A/A	7"C										
7	EXTRAZINE	4	F	4	LB A/A	PRE	80	80	0	80	80	80	0	80	77	77
8	EXTRAZINE	4	F	4	LB A/A	PRE	93	90	0	93	90	90	0	93	87	90
8	ACCENT	75	WG	.031	LB A/A	MP										
8	COC		L	1	QT/A	MP										
8	LIQUID N		L	2	QT/A	MP										
9	DUAL II	7.8	EC	2	LB A/A	PRE	100	23	0	100	20	20	0	100	30	33
10	FRONTIER	6	E	1.3	LB A/A	PRE	100	13	0	100	13	13	0	100	17	17
11	SURPASS	6.4	EC	1.8	LB A/A	PRE	100	33	0	100	33	37	0	100	30	40
12	AXIOM	68	DF	.77	LB A/A	PRE	100	37	0	100	37	37	0	100	33	33
13	AXIOM	68	DF	.85	LB A/A	PRE	97	27	0	97	27	27	0	97	30	33
14	AXIOM	68	DF	.77	LB A/A	PRE	97	80	0	97	80	80	0	97	80	80
14	ATRAZINE	4	F	1.5	LB A/A	PRE										
15	AXIOM	68	DF	.85	LB A/A	PRE	100	90	0	100	90	90	0	100	90	90
15	ATRAZINE	4	F	1.5	LB A/A	PRE										
16	AXIOM	68	DF	.77	LB A/A	PRE	97	63	0	97	63	63	0	97	60	60
16	BROADSTRIKE PLUS	85.6	WG	.26	LB A/A	PRE										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREEMERGENCE

Trial ID: C6001 Investigator:
Location: LEXINGTON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	PHBPU	ZEAMX	SETFA	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	PHBPU	ZEAMX	SETFA	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
17	BROADSTRIKE + DUAL S	7.75	SC	1.74	LB A/A	PRE	100	67	0	100	67	67	0	100	70	70
18	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	97	67	0	97	70	63	0	97	63	63
19	SURPASS	6.4	EC	1.6	LB A/A	PRE	97	70	0	97	73	70	0	97	77	70
19	BROADSTRIKE PLUS	85.6	WG	.21	LB A/A	PRE										
20	SURPASS	6.4	EC	1.6	LB A/A	PRE	100	83	0	100	83	83	0	100	73	80
20	BROADSTRIKE PLUS	85.6	WG	.26	LB A/A	PRE										
21	HARNESS	7	EC	2	LB A/A	PRE	100	87	0	100	90	80	0	100	90	80
21	BATTALION	15	WG	.047	LB A/A	PRE										
22	HARNESS	7	EC	2	LB A/A	PRE	97	77	0	97	87	73	0	97	87	73
22	BATTALION	15	WG	.063	LB A/A	PRE										
23	HARNESS XTRA	5.6	EC	1.8	LB A/A	PRE	97	87	0	97	90	83	0	97	90	83
23	BATTALION	15	WG	.063	LB A/A	PRE										
24	HARNESS XTRA	5.6	EC	2.66	LB A/A	PRE	97	90	0	97	90	87	0	97	90	83
24	BATTALION	15	WG	.047	LB A/A	PRE										
25	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	80	0	100	80	80	0	100	77	80
25	BATTALION	15	WG	.024	LB A/A	PRE										
26	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	80	0	100	80	80	0	100	77	80
27	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	77	0	100	77	80	0	100	77	80
27	ATRAZINE	4	F	.5	LB A/A	PRE										
28	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	80	0	100	80	80	0	100	80	80
28	PRINCEP	4	F	1	LB A/A	PRE										
29	HARNESS XTRA	5.6	EC	3.65	LB A/A	PRE	100	77	0	100	77	77	0	100	70	77
30	ICIA 5676/ATRAZINE	4	CS	2.7	LB A/A	PRE	100	87	0	100	90	87	0	100	87	87
30	ATRAZINE	4	F	.42	LB A/A	PRE										
31	ICIA 5676/ATRAZINE	4	CS	3	LB A/A	PRE	97	80	0	97	80	80	0	97	77	77
31	ATRAZINE	4	F	.3	LB A/A	PRE										

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CORN PREEMERGENCE

Trial ID: C6001 Investigator:
Location: LEXINGTON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	PHBPU	ZEAMX	SETFA	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	PHBPU	ZEAMX	SETFA	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
32	TOPNOTCH	3.2	CS	1.6	LB A/A	PRE	100	70	0	100	70	73	0	100	70	73
32	ATRAZINE	4	F	1.5	LB A/A	PRE										
33	ICIA 5676/ATRAZINE	4	CS	2.5	LB A/A	PRE	97	100	0	97	100	100	3	97	97	93
33	EXCEED	57	DF	.036	LB A/A	MP										
33	COC		L	1	QT/A	MP										
34	TOPNOTCH	3.2	CS	1.8	LB A/A	PRE	100	90	0	100	93	90	0	97	93	90
34	BUCTRIL GEL	4	E	.25	LB A/A	10"C										
34	ATRAZINE	4	F	.5	LB A/A	10"C										
34	COC		L	1	QT/A	10"C										
35	ICIA 5676/ATRAZINE	4	CS	2.7	LB A/A	SPK	97	83	0	97	83	83	0	97	80	83
35	ATRAZINE	4	F	.42	LB A/A	SPK										
35	COC		L	1	QT/A	SPK										
36	CY-PRO	4	L	3	LB A/A	PRE	97	87	0	97	87	87	0	97	83	83
36	DUAL II	7.8	EC	2	LB A/A	PRE										
37	CY-PRO	90	WG	3	LB A/A	PRE	100	80	0	100	80	80	0	100	80	80
37	DUAL II	7.8	EC	2	LB A/A	PRE										
38	GX 413	4	L	4	LB A/A	PRE	97	87	0	97	87	87	0	97	90	90
38	DUAL II	7.8	EC	2	LB A/A	PRE										
39	GX 414	90	WG	4	LB A/A	PRE	100	90	0	100	90	90	0	100	87	87
39	DUAL II	7.8	EC	2	LB A/A	PRE										
40	PROWL	3.3	EC	1.25	LB A/A	PRE	90	80	0	90	80	80	0	90	73	80
40	ATRAZINE	4	F	1.5	LB A/A	PRE										
41	CGA-77102	7.64	EC	1.25	LB A/A	PRE	100	80	0	100	80	80	0	100	80	80
41	AATREX	4	F	1.5	LB A/A	PRE										
42	CGA-77102	7.64	EC	1.56	LB A/A	PRE	100	70	0	100	70	73	0	100	70	73
42	AATREX	4	F	1.5	LB A/A	PRE										
	LSD (P=.05)						8.0	17.3	0.0	8.0	17.4	18.4	1.5	8.0	15.8	17.7
	Standard Deviation						4.9	10.6	0.0	4.9	10.6	11.3	0.9	4.9	9.7	10.8
	CV						5.0	14.47	.	5.0	14.45	15.48	1122.5	5.04	13.35	14.79

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CORN PREEMERGENCE

Trial ID: C6001 Investigator:
Location: LEXINGTON, KY Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.XANST 3.PHBPU

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Rate: 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 68 f **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-17-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.0 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.8 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: GOOD
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	5-20-96	6-6-96	5-30-96	6-6-96	
Time of Day:	10 AM	2 PM	1 PM	2 PM	2:30 PM	
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
Application Timing:	PRE	SPK	MP	7 IN	10 IN	
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR	FOLIAR	
Air Temp., Unit:	48 F	84 F	78 F	69 F	79 F	
% Relative Humidity:	74	75	75	60	73	
Wind Velocity, Unit:	4 MPH	3.8 MPH	4 MPH	4 MPH	4 MPH	
Dew Presence (Y/N):	N	N	N	N	N	
Soil Temp., Unit:	56 F	84 F	73 F	72 F	72 F	
Soil Moisture:	EXCESSIVE	ADEQUATE	EXCESSIVE	ADEQUATE	EXCESSIVE	
% Cloud Cover:	10	10	15	15	10	

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	PRE	SPK	MP	7 IN	10 IN	
			4 LVS	3 LVS	4 LVS	
		1 IN	8 IN	7 IN	10 IN	

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		1 LF	3-4 LVS	3-4 LVS	4 LV	
		1 IN	2-4 IN	2-4 IN	5 IN	
XANST		2 LVS	3-5 LVS	3-5 LVS	5 LVS	
		1 IN	2-4 IN	2-4 IN	4 IN	
PHBPU		COTS.	2 LVS	2 LVS	3-4 LVS	
		1 IN	2-4 IN	2-4 IN	4 IN	

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CORN PREEMERGENCE

Trial ID: C6001 Investigator:
Location: LEXINGTON, KY Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK	BACKPACK	
Operating Pressure:	30	30	30	30	30	
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT	5 FT	
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	
Carrier:	WATER	WATER	WATER	WATER	WATER	
Spray Volume, Unit:	24 GPA	24 GPA	24 GPA	24 GPA	24 GPA	
Propellant:	CO2	CO2	CO2	CO2	CO2	

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Weed Science Field Research

CORN PREEMERGENCE II

Trial ID: 96J30 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	SETFA	XANST	IPOHE	DATST	CHEAL	AMACH	ABUTH
Weed Code							ZEAMX	ZEAMX	SETFA	XANST	IPOHE	DATST	CHEAL	AMACH	ABUTH
Crop Code															
Part Rated															
Rating Data Type							INJURY	STUNT	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							5-30-96								
Footnote Number															
Trt-Eval Interval							V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	85	40	67	83	97	97	97
2	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	88	40	50	97	97	97	97
3	ATRAZINE	4	F	1.25	LB A/A	PRE	0	0	73	27	90	97	97	97	97
4	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	88	80	90	97	97	97	97
4	ATRAZINE	4	F	1.25	LB A/A	PRE									
5	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	93	90	100	100	100	100	93
5	ATRAZINE	4	F	1.25	LB A/A	PRE									
6	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	97	73	100	100	100	100	100
6	DUAL II	7.8	EC	1	LB A/A	PRE									
6	ATRAZINE	4	F	1.25	OZ A/A	PRE									
7	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	100	87	97	100	100	100	100
7	DUAL II	7.8	EC	1	LB A/A	PRE									
7	ATRAZINE	4	F	1.25	LB A/A	PRE									
8	DUAL II	7.8	EC	2	LB A/A	PRE	0	0	93	50	83	100	100	100	100
8	ATRAZINE	4	F	1.25	LB A/A	PRE									
9	DUAL II	7.8	EC	2	LB A/A	PRE	0	0	93	33	93	100	100	100	100
9	ATRAZINE	4	F	2	LB A/A	PRE									
10	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	90	23	23	100	100	100	100
10	DUAL II	7.8	EC	1	LB A/A	PRE									
11	BICEP II	5.9	F	3.6	LB A/A	PRE	0	0	93	48	93	100	100	100	100
12	Weedy Check						0	0	0	0	0	0	0	0	0
LSD (P=.05)							0.0	0.0	9.4	32.0	19.4	14.0	4.8	4.8	7.8
Standard Deviation							0.0	0.0	5.6	18.9	11.5	8.3	2.8	2.8	4.6
CV							.	.	6.7	38.31	15.52	9.27	3.14	3.14	5.12

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CORN PREEMERGENCE II

Trial ID: 96J30 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	DATST	CHEAL	AMACH	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	DATST	CHEAL	AMACH	ABUTH
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	STUNT	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.5	OZ A/A	PRE	85	60	0	85	43	67	83	97	97	97
2	BALANCE	75	WG	1.88	OZ A/A	PRE	88	67	0	88	57	50	97	97	97	97
3	ATRAZINE	4	F	1.25	LB A/A	PRE	77	62	0	77	40	90	97	97	97	97
4	BALANCE	75	WG	1.5	OZ A/A	PRE	88	83	0	88	77	90	97	97	97	97
4	ATRAZINE	4	F	1.25	LB A/A	PRE										
5	BALANCE	75	WG	1.88	OZ A/A	PRE	93	87	0	93	83	100	100	100	100	93
5	ATRAZINE	4	F	1.25	LB A/A	PRE										
6	BALANCE	75	WG	1.5	OZ A/A	PRE	97	85	0	97	75	100	100	100	100	100
6	DUAL II	7.8	EC	1	LB A/A	PRE										
6	ATRAZINE	4	F	1.25	OZ A/A	PRE										
7	BALANCE	75	WG	1.88	OZ A/A	PRE	100	90	0	100	90	93	100	100	100	100
7	DUAL II	7.8	EC	1	LB A/A	PRE										
7	ATRAZINE	4	F	1.25	LB A/A	PRE										
8	DUAL II	7.8	EC	2	LB A/A	PRE	93	70	0	93	57	83	100	100	100	100
8	ATRAZINE	4	F	1.25	LB A/A	PRE										
9	DUAL II	7.8	EC	2	LB A/A	PRE	93	72	0	93	53	93	100	100	100	100
9	ATRAZINE	4	F	2	LB A/A	PRE										
10	BALANCE	75	WG	1.5	OZ A/A	PRE	90	67	0	90	43	50	100	100	100	100
10	DUAL II	7.8	EC	1	LB A/A	PRE										
11	BICEP II	5.9	F	3.6	LB A/A	PRE	93	70	0	93	53	93	100	100	100	100
12	Weedy Check						0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						9.3	12.0	0.0	9.3	23.2	15.0	14.0	4.8	4.8	7.8
	Standard Deviation						5.5	7.1	0.0	5.5	13.7	8.8	8.3	2.8	2.8	4.6
	CV						6.61	10.45	.	6.61	24.46	11.65	9.27	3.14	3.14	5.12

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CORN PREEMERGENCE II

Trial ID: 96J30 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON, **State/Prov.:** KY/USA **Postal Code:** 40546

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 58 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION
Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96					
Time of Day:	10AM					
Application Method:	BROADCAST					
Application Timing:	PRE					
Applic. Placement:	SURFACE					
Air Temp., Unit:	49 F					
% Relative Humidity:	70					
Wind Velocity, Unit:	4 MPH					
Soil Temp., Unit:	58 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	10					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	24 GPA					
Propellant:	CO2					

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CORN PREMERGENCE III

Trial ID: C6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	PHBPU	SIDSP	ZEAMX	SETFA	PHBPU	SIDSP
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	PHBPU	SIDSP	ZEAMX	SETFA	PHBPU	SIDSP
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	CGA-77102	7.64	EC	1.25	LB A/A	PRE	100	90	0	100	83	87	0	100	90	87
1	PEAK	57	WG	.036	LB A/A	MP										
1	COC			1	QT/A	MP										
2	CGA-77102	7.64	EC	1.56	LB A/A	PRE	100	90	0	100	87	87	0	100	90	90
2	PEAK	57	WG	.036	LB A/A	MP										
2	COC			1	QT/A	MP										
3	DUAL II	7.8	EC	2	LB A/A	PRE	97	87	0	97	90	87	0	97	90	87
3	PEAK	57	WG	.036	LB A/A	MP										
3	COC			1	QT/A	MP										
4	DUAL II	7.8	EC	2.5	LB A/A	PRE	97	90	0	97	90	90	0	97	90	90
4	PEAK	57	WG	.036	LB A/A	MP										
4	COC			1	QT/A	MP										
5	TOPNOTCH	3.2	CS	2	LB A/A	PRE	100	90	0	100	90	97	0	67	93	97
5	PEAK	57	WG	.036	LB A/A	MP										
5	COC			1	QT/A	MP										
6	SURPASS	6.4	EC	2	LB A/A	PRE	100	90	0	100	87	97	0	100	90	90
6	PEAK	57	WG	.036	LB A/A	MP										
6	COC			1	QT/A	MP										
7	HARNESS	7	EC	2	LB A/A	PRE	97	90	0	97	90	97	0	97	90	97
7	PEAK	57	WG	.036	LB A/A	MP										
7	COC			1	QT/A	MP										
8	FRONTIER	6	E	1.4	LB A/A	PRE	100	90	0	100	90	90	0	97	90	90
8	PEAK	57	WG	.036	LB A/A	MP										
8	COC			1	QT/A	MP										
9	AXIOM	68	DF	.85	LB A/A	PRE	100	90	0	100	90	100	0	93	90	100
9	PEAK	57	WG	.036	LB A/A	MP										
9	COC			1	QT/A	MP										
10	CHECK						0	80	0	0	87	83	0	0	93	93
10	PEAK	57	WG	.036	LB A/A	MP										
10	COC			1	QT/A	MP										

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CORN PREMERGENCE III

Trial ID: C6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	PHBPU	SIDSP	ZEAMX	SETFA	PHBPU	SIDSP
Weed Code							GGGG	BBBB	ZEAMX	SETFA	PHBPU	SIDSP	ZEAMX	SETFA	PHBPU	SIDSP
Crop Code																
Part Rated																
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
LSD (P=.05)							5.7	3.1	0.0	5.7	6.3	8.7	0.0	32.6	4.2	7.4
Standard Deviation							3.3	1.8	0.0	3.3	3.7	5.1	0.0	19.0	2.4	4.3
CV							3.75	2.06	.	3.75	4.13	5.53	.	22.47	2.68	4.68

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREMERGENCE III

Trial ID: C6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA
	Weed Code						GGGG	BBBB	ZEAMX	SETFA
	Crop Code									
	Part Rated									
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date									
	Footnote Number									
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P
	# Subsamples, Dec.						0	0	0	0
1	CGA-77102	7.64	EC	1.25	LB A/A	PRE	100	87	0	100
1	PEAK	57	WG	.036	LB A/A	MP				
1	COC			1	QT/A	MP				
2	CGA-77102	7.64	EC	1.56	LB A/A	PRE	100	90	0	100
2	PEAK	57	WG	.036	LB A/A	MP				
2	COC			1	QT/A	MP				
3	DUAL II	7.8	EC	2	LB A/A	PRE	93	90	0	93
3	PEAK	57	WG	.036	LB A/A	MP				
3	COC			1	QT/A	MP				
4	DUAL II	7.8	EC	2.5	LB A/A	PRE	93	90	0	93
4	PEAK	57	WG	.036	LB A/A	MP				
4	COC			1	QT/A	MP				
5	TOPNOTCH	3.2	CS	2	LB A/A	PRE	97	90	0	97
5	PEAK	57	WG	.036	LB A/A	MP				
5	COC			1	QT/A	MP				
6	SURPASS	6.4	EC	2	LB A/A	PRE	97	90	0	97
6	PEAK	57	WG	.036	LB A/A	MP				
6	COC			1	QT/A	MP				
7	HARNESS	7	EC	2	LB A/A	PRE	97	90	0	97
7	PEAK	57	WG	.036	LB A/A	MP				
7	COC			1	QT/A	MP				
8	FRONTIER	6	E	1.4	LB A/A	PRE	93	90	0	97
8	PEAK	57	WG	.036	LB A/A	MP				
8	COC			1	QT/A	MP				
9	AXIOM	68	DF	.85	LB A/A	PRE	97	90	0	93
9	PEAK	57	WG	.036	LB A/A	MP				
9	COC			1	QT/A	MP				
10	CHECK						10	83	0	10
10	PEAK	57	WG	.036	LB A/A	MP				
10	COC			1	QT/A	MP				
	LSD (P=.05)						7.5	4.7	0.0	7.5
	Standard Deviation						4.3	2.7	0.0	4.3
	CV						4.96	3.06	.	4.96

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREMERGENCE III

Trial ID: C6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.PHBPU 3.SIDSP

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 68 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.64 **% Sand:** 7.8 **% Silt:** 65 **% Clay:** 27
pH: 6.5 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-10-96	6-13-96				
Time of Day:	1 PM	11 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	78 F	72 F				
% Relative Humidity:	68	80				
Wind Velocity, Unit:	4 MPH	4.4 MPH				
Soil Temp., Unit:	68 F	72 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	15	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP				
		4 LVS				
		8 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
PHBPU		3 LVS				
		4 IN				
SIDSP		4 LVS				
		3 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREMERGENCE III

Trial ID: C6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREEMERGENCE IV (BALANCE)

Trial ID: 96J03 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
	Weed Code						ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	INJURY	STUNT	STUNT	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						5-25-96	5-28-96	5-28-96						
	Footnote Number														
	Trt-Eval Interval						V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.13	OZ A/A	PRE	0	0	0	0	80	43	63	90	100
2	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	80	23	50	90	93
3	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	0	85	43	80	90	100
4	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	97	30	100	97	97
4	SURPASS	6.4	EC	1	LB A/A	PRE									
5	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	100	37	93	97	97
5	DUAL II	7.8	EC	1.25	LB A/A	PRE									
6	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	90	100	100	100	100
6	AATREX	4	F	1	LB A/A	PRE									
7	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	100	97	100	100	100
7	DUAL II	7.8	EC	1	LB A/A	PRE									
7	AATREX	4	F	1	LB A/A	PRE									
8	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	100	97	100	100	100
8	DUAL II	7.8	EC	1	LB A/A	PRE									
8	AATREX	4	F	1.5	LB A/A	PRE									
9	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	97	100	100	100	100
9	AATREX	4	F	1.5	LB A/A	PRE									
10	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	100	23	100	100	100
10	DUAL II	7.8	EC	1.5	LB A/A	PRE									
11	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	0	100	50	100	100	100
11	SURPASS	6.4	EC	1.2	LB A/A	PRE									
12	BICEP II	5.9	F	3.6	LB A/A	PRE	0	0	0	0	100	97	100	100	97
13	EXCEED	57	DF	.036	LB A/A	EP	27	27	27	27	78	100	100	100	100
13	COC			1	QT/A	EP									
14	BALANCE	75	WG	1.5	OZ A/A	PRE	3	3	3	3	92	92	100	100	100
14	BUCTRIL GEL	4	E	.25	LB A/A	EP									

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CORN PREEMERGENCE IV (BALANCE)

Trial ID: 96J03 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
	Weed Code						ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	INJURY	STUNT	STUNT	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						5-25-96	5-28-96	5-28-96						
	Footnote Number														
	Trt-Eval Interval						V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
15	ACCENT	75	DF	.016	LB A/A	EP	3	3	3	3	100	100	100	100	100
15	BEACON	75	DF	.018	LB A/A	EP									
15	COC			1	QT/A	EP									
	LSD (P=.05)						4.3	4.3	4.3	4.3	10.5	19.3	16.4	11.8	4.6
	Standard Deviation						2.6	2.6	2.6	2.6	6.3	11.6	9.8	7.1	2.7
	CV						114.8	114.8	114.8	114.8	6.73	16.79	10.63	7.24	2.76

Dept. of Agronomy, Univ. of KY
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CORN PREEMERGENCE IV (BALANCE)

Trial ID: 96J03 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
	Weed Code						ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
	Crop Code											
	Part Rated											
	Rating Data Type						STUNT	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	BALANCE	75	WG	1.13	OZ A/A	PRE	0	70	43	57	93	100
2	BALANCE	75	WG	1.5	OZ A/A	PRE	0	70	23	50	87	93
3	BALANCE	75	WG	1.88	OZ A/A	PRE	0	63	43	80	90	100
4	BALANCE	75	WG	1.5	OZ A/A	PRE	0	97	30	100	97	97
4	SURPASS	6.4	EC	1	LB A/A	PRE						
5	BALANCE	75	WG	1.5	OZ A/A	PRE	0	97	37	93	97	97
5	DUAL II	7.8	EC	1.25	LB A/A	PRE						
6	BALANCE	75	WG	1.5	OZ A/A	PRE	0	87	93	100	100	100
6	AATREX	4	F	1	LB A/A	PRE						
7	BALANCE	75	WG	1.5	OZ A/A	PRE	0	97	97	100	100	100
7	DUAL II	7.8	EC	1	LB A/A	PRE						
7	AATREX	4	F	1	LB A/A	PRE						
8	BALANCE	75	WG	1.5	OZ A/A	PRE	0	97	97	100	100	100
8	DUAL II	7.8	EC	1	LB A/A	PRE						
8	AATREX	4	F	1.5	LB A/A	PRE						
9	BALANCE	75	WG	1.5	OZ A/A	PRE	0	88	100	100	100	100
9	AATREX	4	F	1.5	LB A/A	PRE						
10	BALANCE	75	WG	1.5	OZ A/A	PRE	0	97	23	100	100	93
10	DUAL II	7.8	EC	1.5	LB A/A	PRE						
11	BALANCE	75	WG	1.5	OZ A/A	PRE	0	97	43	100	100	100
11	SURPASS	6.4	EC	1.2	LB A/A	PRE						
12	BICEP II	5.9	F	3.6	LB A/A	PRE	0	97	80	100	100	93
13	EXCEED	57	DF	.036	LB A/A	EP	10	67	100	100	100	100
13	COC			1	QT/A	EP						
14	BALANCE	75	WG	1.5	OZ A/A	PRE	3	75	92	100	100	100
14	BUCTRIL GEL	4	E	.25	LB A/A	EP						

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CORN PREEMERGENCE IV (BALANCE)

Trial ID: 96J03 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
Weed Code							ZEAMX	SETFA	IPOHE	DATST	AMACH	ABUTH
Crop Code												
Part Rated												
Rating Data Type							STUNT	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date												
Footnote Number												
Trt-Eval Interval							8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0
15	ACCENT	75	DF	.016	LB A/A	EP	3	100	100	100	100	92
15	BEACON	75	DF	.018	LB A/A	EP						
15	COC			1	QT/A	EP						
LSD (P=.05)							5.7	11.1	23.5	13.6	12.4	7.6
Standard Deviation							3.4	6.7	14.0	8.1	7.4	4.6
CV							308.45	7.71	21.02	8.81	7.57	4.66

Dept. of Agronomy, Univ. of KY
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CORN PREEMERGENCE IV (BALANCE)

Trial ID: 96J03 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 5-10-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY. **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.SIDSP 3.AMBEL
4.AMBTR 5.ABUTH 6.DATST
7.IPOHE 8.AMACH

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 70 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.6 **% Sand:** 7.8 **% Silt:** 65 **% Clay:** 27
pH: 6.5 **CEC:** 17.4 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-10-96	5-29-96				
Time of Day:	10 AM	3 PM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	EP				
Applic. Placement:	SURFACE	SURFACE				
Air Temp., Unit:	67 F	69 F				
% Relative Humidity:	85	90				
Wind Velocity, Unit:	3.3 MPH	5 MPH				
Soil Temp., Unit:	70 F	74 F				
Soil Moisture:	EXCESSIVE	ADEQUATE				
% Cloud Cover:	20	40				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	NA	EP				
		2 LVS				
		6 IN				

Dept. of Agronomy, Univ. of KY
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CORN PREEMERGENCE IV (BALANCE)

Trial ID: 96J03 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		1-3 IN 3 LVS >50 M2				
SIDSP		1-2 IN 4 LVS 4 M2				
AMBEL		1-2 IN 2 LVS 1 M2				
AMBTR		1-2 IN 4 LVS 1 M2				
ABUTH		2-3 IN 4 LVS 5 M2				
DATST		1-2 IN 2 LVS 6 M2				
IPOHE		2-3 IN 2-3 LVS 8 M2				
AMACH		1-2 IN 3-4 LVS 7 M2				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	24 GPA	24 GPA				
Propellant:	CO2	CO2				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	HARNESS	7	EC	2	LB A/A	PRE	100	87	0	100	100	77	90
1	PERMIT	75	DF	.031	LB A/A	8"C							
1	ACTIVATOR 90			.25	% V/V	8"C							
2	HARNESS	7	EC	2	LB A/A	PRE	100	90	0	100	100	90	93
2	PERMIT	75	DF	.031	LB A/A	8"C							
2	BANVEL	4	EC	.12	LB A/A	8"C							
2	ACTIVATOR 90			.25	% V/V	8"C							
3	HARNESS	7	EC	2	LB A/A	PRE	100	97	0	100	100	97	97
3	PERMIT	75	DF	.031	LB A/A	8"C							
3	WEEDAR 64	3.8	E	.12	LB A/A	8"C							
3	ACTIVATOR 90			.25	% V/V	8"C							
4	HARNESS	7	EC	2	LB A/A	PRE	100	93	0	100	100	100	93
4	PERMIT	75	DF	.031	LB A/A	8"C							
4	ATRAZINE	4	F	1	LB A/A	8"C							
4	ACTIVATOR 90			.25	% V/V	8"C							
5	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	90	0	100	100	90	90
5	PERMIT	75	DF	.031	LB A/A	8"C							
5	ACTIVATOR 90			.25	% V/V	8"C							
6	HARNESS XTRA	5.6	EC	2.8	LB A/A	PRE	100	90	0	100	100	90	90
6	PERMIT	75	DF	.031	LB A/A	8"C							
6	BANVEL	4	EC	.12	LB A/A	8"C							
6	ACTIVATOR 90			.25	% V/V	8"C							
7	FRONTIER	6	E	1.2	LB A/A	PRE	100	90	0	100	100	90	90
7	MARKSMAN	3.2	F	1.4	LB A/A	8"C							
8	DUAL II	7.8	EC	2.5	LB A/A	PRE	100	90	0	100	100	87	90
8	EXCEED	57	DF	.036	LB A/A	8"C							
8	ACTIVATOR 90			.25	% V/V	8"C							
9	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	97	87	3	100	100	97	87
10	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	97	90	7	100	100	100	90
10	ATRAZINE	4	F	.5	LB A/A	EP							
11	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	97	90	7	97	100	97	90
11	PRINCEP	4	F	1	LB A/A	EP							

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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
12	BULLET	4	F	4	LB A/A	EP	93	87	0	93	100	93	83
13	HARNESS XTRA	5.6	EC	3.22	LB A/A	MP	50	43	0	50	97	77	33
14	HARNESS XTRA	5.6	EC	3.22	LB A/A	MP	57	53	0	57	97	90	47
14	ATRAZINE	4	F	.5	LB A/A	MP							
15	HARNESS XTRA	5.6	EC	3.22	LB A/A	MP	47	57	10	47	97	90	47
15	PRINCEP	4	F	1	LB A/A	MP							
16	BULLET	4	F	4	LB A/A	MP	30	47	0	30	83	90	43
17	DUAL II	7.8	EC	2	LB A/A	PRE	100	83	0	100	100	93	97
17	BUCTRIL	2	EC	.25	LB A/A	10C							
17	ATRAZINE	4	F	.5	LB A/A	10C							
17	WEEDONE 638	2.8	E	.125	LB A/A	10C							
18	DUAL II	7.8	EC	2	LB A/A	PRE	100	90	10	100	100	93	97
18	BUCTRIL	2	EC	.25	LB A/A	10C							
18	ATRAZINE	4	F	.5	LB A/A	10C							
18	BANVEL	4	EC	.625	LB A/A	10C							
19	DUAL II	7.8	EC	2	LB A/A	PRE	100	80	0	100	100	87	90
19	BUCTRIL	2	EC	.25	LB A/A	10C							
19	ATRAZINE	4	F	.5	LB A/A	10C							
20	DUAL II	7.8	EC	2	LB A/A	PRE	97	60	0	97	80	67	73
20	BUCTRIL	2	EC	.5	LB A/A	10C							
21	AXIOM	68	DF	.85	LB A/A	PRE	100	97	0	100	100	97	100
21	MARKSMAN	3.2	F	1.4	LB A/A	6"C							
22	AXIOM	68	DF	.85	LB A/A	PRE	100	80	0	100	100	80	80
22	BUCTRIL	2	EC	.25	LB A/A	6"C							
23	AXIOM	68	DF	.85	LB A/A	PRE	100	90	0	100	100	93	90
23	EXCEED	57	DF	.036	LB A/A	6"C							
23	COC		L	1	QT/A	6"C							
24	AXIOM	68	DF	.85	LB A/A	PRE	100	90	10	100	100	90	87
24	SENCOR	75	DF	.094	LB A/A	6"C							
24	WEEDONE 638	2.8	E	.18	LB A/A	6"C							

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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
25	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	83	3	100	100	90	77
25	SENCOR	75	DF	.094	LB A/A	6"C							
25	WEEDONE 638	2.8	E	.18	LB A/A	6"C							
26	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	90	0	100	100	93	93
26	SENCOR	75	DF	.094	LB A/A	6"C							
26	MARKSMAN	3.2	F	.8	LB A/A	6"C							
27	DUAL II	7.8	EC	1.5	LB A/A	PRE	97	83	7	97	100	83	83
27	SENCOR	75	DF	.094	LB A/A	6"C							
27	BUCTRIL	2	EC	.25	LB A/A	6"C							
28	Weedy Check						0	0	0	0	0	0	0
	LSD (P=.05)						12.3	9.8	8.1	12.2	14.0	11.3	15.2
	Standard Deviation						7.5	6.0	5.0	7.5	8.6	6.9	9.3
	CV						8.59	7.65	245.31	8.49	9.05	8.02	11.73

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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Weed Code										
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
1	HARNESS	7	EC	2	LB A/A	PRE	0	100	100	80	93
1	PERMIT	75	DF	.031	LB A/A	8"C					
1	ACTIVATOR 90			.25	% V/V	8"C					
2	HARNESS	7	EC	2	LB A/A	PRE	0	100	100	90	100
2	PERMIT	75	DF	.031	LB A/A	8"C					
2	BANVEL	4	EC	.12	LB A/A	8"C					
2	ACTIVATOR 90			.25	% V/V	8"C					
3	HARNESS	7	EC	2	LB A/A	PRE	0	100	100	90	100
3	PERMIT	75	DF	.031	LB A/A	8"C					
3	WEEDAR 64	3.8	E	.12	LB A/A	8"C					
3	ACTIVATOR 90			.25	% V/V	8"C					
4	HARNESS	7	EC	2	LB A/A	PRE	3	100	100	93	100
4	PERMIT	75	DF	.031	LB A/A	8"C					
4	ATRAZINE	4	F	1	LB A/A	8"C					
4	ACTIVATOR 90			.25	% V/V	8"C					
5	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	0	100	100	90	100
5	PERMIT	75	DF	.031	LB A/A	8"C					
5	ACTIVATOR 90			.25	% V/V	8"C					
6	HARNESS XTRA	5.6	EC	2.8	LB A/A	PRE	0	97	100	90	97
6	PERMIT	75	DF	.031	LB A/A	8"C					
6	BANVEL	4	EC	.12	LB A/A	8"C					
6	ACTIVATOR 90			.25	% V/V	8"C					
7	FRONTIER	6	E	1.2	LB A/A	PRE	0	97	100	90	93
7	MARKSMAN	3.2	F	1.4	LB A/A	8"C					
8	DUAL II	7.8	EC	2.5	LB A/A	PRE	0	100	100	90	100
8	EXCEED	57	DF	.036	LB A/A	8"C					
8	ACTIVATOR 90			.25	% V/V	8"C					
9	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	0	93	100	90	93
10	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	0	97	100	90	93
10	ATRAZINE	4	F	.5	LB A/A	EP					
11	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	3	97	100	97	93
11	PRINCEP	4	F	1	LB A/A	EP					

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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	PHBPU	XANST
Weed Code							ZEAMX	SETFA	CHEAL	PHBPU	XANST
Crop Code											
Part Rated											
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date											
Footnote Number											
Trt-Eval Interval							8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0
12	BULLET	4	F	4	LB A/A	EP	0	97	100	90	90
13	HARNESS XTRA	5.6	EC	3.22	LB A/A	MP	0	50	97	70	33
14	HARNESS XTRA	5.6	EC	3.22	LB A/A	MP	0	53	90	87	53
14	ATRAZINE	4	F	.5	LB A/A	MP					
15	HARNESS XTRA	5.6	EC	3.22	LB A/A	MP	0	47	97	90	53
15	PRINCEP	4	F	1	LB A/A	MP					
16	BULLET	4	F	4	LB A/A	MP	0	30	83	90	53
17	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	90	97
17	BUCTRIL	2	EC	.25	LB A/A	10C					
17	ATRAZINE	4	F	.5	LB A/A	10C					
17	WEEDONE 638	2.8	E	.125	LB A/A	10C					
18	DUAL II	7.8	EC	2	LB A/A	PRE	13	100	100	90	100
18	BUCTRIL	2	EC	.25	LB A/A	10C					
18	ATRAZINE	4	F	.5	LB A/A	10C					
18	BANVEL	4	EC	.625	LB A/A	10C					
19	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	90	87
19	BUCTRIL	2	EC	.25	LB A/A	10C					
19	ATRAZINE	4	F	.5	LB A/A	10C					
20	DUAL II	7.8	EC	2	LB A/A	PRE	0	97	80	67	73
20	BUCTRIL	2	EC	.5	LB A/A	10C					
21	AXIOM	68	DF	.85	LB A/A	PRE	0	100	100	90	100
21	MARKSMAN	3.2	F	1.4	LB A/A	6"C					
22	AXIOM	68	DF	.85	LB A/A	PRE	0	100	100	80	80
22	BUCTRIL	2	EC	.25	LB A/A	6"C					
23	AXIOM	68	DF	.85	LB A/A	PRE	0	100	100	90	97
23	EXCEED	57	DF	.036	LB A/A	6"C					
23	COC		L	1	QT/A	6"C					
24	AXIOM	68	DF	.85	LB A/A	PRE	0	100	100	87	87
24	SENCOR	75	DF	.094	LB A/A	6"C					
24	WEEDONE 638	2.8	E	.18	LB A/A	6"C					

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	PHBPU	XANST
Weed Code							ZEAMX	SETFA	CHEAL	PHBPU	XANST
Crop Code											
Part Rated											
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date											
Footnote Number											
Trt-Eval Interval							8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0
25	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	100	87	77
25	SENCOR	75	DF	.094	LB A/A	6"C					
25	WEEDONE 638	2.8	E	.18	LB A/A	6"C					
26	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	100	90	100
26	SENCOR	75	DF	.094	LB A/A	6"C					
26	MARKSMAN	3.2	F	.8	LB A/A	6"C					
27	DUAL II	7.8	EC	1.5	LB A/A	PRE	3	97	100	83	73
27	SENCOR	75	DF	.094	LB A/A	6"C					
27	BUCTRIL	2	EC	.25	LB A/A	6"C					
28	Weedy Check						0	0	0	0	0
LSD (P=.05)							4.6	13.5	14.3	9.4	15.3
Standard Deviation							2.8	8.3	8.8	5.8	9.4
CV							340.87	9.48	9.29	6.85	11.35

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.XANST 2.IPOHE 3.CHEAL
4.SETFA

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	5-29-96	6-6-96	5-30-96	5-31-96	6-6-96
Time of Day:	11 AM	3 PM	11 AM	10:30 AM	1 PM	3 PM
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	EP	MP	6" C	8" C	10" C
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR	FOLIAR	FOLIAR
Air Temp., Unit:	48 F	68 F	68 F	55 F	65 F	80 F
% Relative Humidity:	48	85	85	70	75	67
Wind Velocity, Unit:	3.8 MPH	3 MPH	3.5 MPH	4 MPH	4 MPH	4.5 MPH
Soil Temp., Unit:	57 F	75 F	65 F	68 F	72 F	76 F
Soil Moisture:	WET	WET	WET	WET	WET	WET
% Cloud Cover:	10	30	10	15	20	10

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	PRE	EP	MP	6" C	8" C	10" C
		2 LVS	4 LVS	3 LVS	4 LVS	4 LVS
		6 IN	8 IN	6 IN	8 IN	10 IN

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
XANST		4 LVS	5 LVS	4 LVS	4 LVS	5 LVS
		1-3 IN	4 IN	1-3 IN	2-3 IN	3-5 IN
IPOHE		2 LVS	3 LVS	2 LVS	2 LVS	4-5 LVS
		1-2 IN	4 IN	1-2 IN	1-2 IN	5-6 IN
CHEAL		4-5 LVS	5-6 LVS	5 LVS	5 LVS	5-6 LVS
		1-2 IN	2-3 IN	2 IN	2 IN	3-4 IN
SETFA		2 LVS	4 LVS	2 LVS	2 LVS	5 LVS
		1-2 IN	4 IN	1-2 IN	1-2 IN	5 IN

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CORN POSTEMERGENCE

Trial ID: C6003 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C		D		E		F	
Appl. Equipment:	4 WHEELER		BACKPACK		BACKPACK		BACKPACK		BACKPACK		BACKPACK	
Operating Pressure:	30		30		30		30		30		30	
Nozzle Type:	FAN		FAN		FAN		FAN		FAN		FAN	
Nozzle Size:	8004	DG	8004	DG	8004	DG	8004	DG	8004	DG	8004	DG
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN	20	IN	20	IN	20	IN
Boom Length, Unit:	5	FT	5	FT	5	FT	5	FT	5	FT	5	FT
Boom Height, Unit:	19	IN	19	IN	19	IN	19	IN	19	IN	19	IN
Ground Speed, Unit:	4	MPH	4	MPH	4	MPH	4	MPH	4	MPH	4	MPH
Carrier:	WATER		WATER		WATER		WATER		WATER		WATER	
Spray Volume, Unit:	25	GPA	25	GPA	25	GPA	25	GPA	25	GPA	25	GPA
Propellant:	CO2		CO2		CO2		CO2		CO2		CO2	

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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	CHEAL	PHBPU	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Weed Code																	
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
1	PROWL	3.3	EC	.825	LB A/A	MP	100	73	0	97	67	93	93	0	97	67	93	93
1	ACCENT	75	WG	.016	LB A/A	MP												
1	ACTIVATOR 90			.25	% V/V	MP												
1	LIQUID N		L	1	QT/A	MP												
2	PROWL	3.3	EC	.825	LB A/A	MP	80	93	0	80	97	97	93	0	73	97	97	93
2	BEACON	75	DF	.036	LB A/A	MP												
2	ACTIVATOR 90			.25	% V/V	MP												
2	LIQUID N		L	1	QT/A	MP												
3	PROWL	3.3	EC	.825	LB A/A	MP	67	93	0	67	97	100	93	0	57	97	100	93
3	EXCEED	57	DF	.036	LB A/A	MP												
3	ACTIVATOR 90			.25	% V/V	MP												
3	LIQUID N		L	1	QT/A	MP												
4	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	97	8	100	97	100	100	0	100	97	100	100
4	FMC 8426	50	DF	.008	LB A/A	MP												
4	ATRAZINE	4	F	.5	LB A/A	MP												
4	COC		L	1	QT/A	MP												
5	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	100	13	100	100	100	100	0	100	100	100	100
5	FMC 8426	50	DF	.015	LB A/A	MP												
5	ATRAZINE	4	F	.5	LB A/A	MP												
5	COC		L	1	QT/A	MP												
6	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	97	13	100	100	100	97	0	100	100	100	93
6	FMC 8426	50	DF	.008	LB A/A	MP												
6	BANVEL	4	EC	.125	LB A/A	MP												
6	ACTIVATOR 90			.25	% V/V	MP												
7	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	100	13	100	100	100	100	0	100	100	100	100
7	FMC 8426	50	DF	.015	LB A/A	MP												
7	BANVEL	4	EC	.125	LB A/A	MP												
7	ACTIVATOR 90			.25	% V/V	MP												
8	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	90	10	100	90	100	97	0	100	90	100	97
8	FMC 8426	50	DF	.015	LB A/A	MP												
8	ACTIVATOR 90			.25	% V/V	MP												
9	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	97	13	100	97	100	97	0	100	97	100	97
9	FMC 8426	50	DF	.023	LB A/A	MP												
9	ACTIVATOR 90			.25	% V/V	MP												

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Weed Science Field Research

CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	CHEAL	PHBPU	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	CHEAL	PHBPU	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
10	DUAL II	7.8	EC	1.5	LB A/A	PRE	100	97	13	100	93	100	97	0	100	93	100	97
10	FMC 8426	50	DF	.031	LB A/A	MP												
10	ACTIVATOR 90			.25	% V/V	MP												
11	FRONTIER	6	E	1.3	LB A/A	PRE	100	100	3	100	97	100	100	0	100	97	100	100
11	SCORPION III	84.3	WG	.21	LB A/A	7"C												
11	ACTIVATOR 90			.25	% V/V	7"C												
11	LIQUID N		L	2.5	QT/A	7"C												
12	FRONTIER	6	E	1.3	LB A/A	PRE	100	90	3	100	90	100	90	0	100	90	100	90
12	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	7"C												
12	ACTIVATOR 90			.25	% V/V	7"C												
12	LIQUID N		L	2.5	QT/A	7"C												
13	FRONTIER	6	E	1.3	LB A/A	PRE	100	100	0	100	100	100	100	0	100	100	100	100
13	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	7"C												
13	ACTIVATOR 90			.25	% V/V	7"C												
13	LIQUID N		L	2.5	QT/A	7"C												
14	FRONTIER	6	E	1.3	LB A/A	PRE	100	83	3	100	83	100	80	0	100	90	100	87
14	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	13C												
14	ACTIVATOR 90			.25	% V/V	13C												
14	LIQUID N		L	2.5	QT/A	13C												
15	FRONTIER	6	E	1.3	LB A/A	PRE	100	83	2	100	83	100	80	0	100	90	100	90
15	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	13C												
15	ACTIVATOR 90			.25	% V/V	13C												
15	LIQUID N		L	2.5	QT/A	13C												
16	DUAL II	7.8	EC	2	LB A/A	PRE	100	100	0	100	100	100	100	0	100	100	100	100
16	EXCEED	57	DF	.036	LB A/A	MP												
16	COC		L	1	QT/A	MP												
17	DUAL II	7.8	EC	2	LB A/A	PRE	100	100	0	100	100	100	100	0	100	100	100	100
17	EXCEED	57	DF	.036	LB A/A	MP												
17	BANVEL	4	EC	.125	LB A/A	MP												
17	ACTIVATOR 90			.25	% V/V	MP												
18	DUAL II	7.8	EC	2	LB A/A	PRE	100	100	7	100	100	100	100	0	100	100	100	100
18	EXCEED	57	DF	.036	LB A/A	MP												
18	BUCTRIL	2	EC	.125	LB A/A	MP												
18	ACTIVATOR 90			.25	% V/V	MP												

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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	CHEAL	PHBPU	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	CHEAL	PHBPU	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
19	DUAL II	7.8	EC	2	LB A/A	PRE	100	100	3	100	100	100	100	0	100	100	100	100
19	EXCEED	57	DF	.036	LB A/A	MP												
19	ACTION	5	W	.004	LB A/A	MP												
19	ACTIVATOR 90			.25	% V/V	MP												
20	DUAL II	7.8	EC	2	LB A/A	PRE	100	93	2	100	97	100	93	0	100	97	100	93
20	ACCENT	75	WG	.016	LB A/A	MP												
20	BEACON	75	DF	.018	LB A/A	MP												
20	COC		L	1	QT/A	MP												
21	DUAL II	7.8	EC	2	LB A/A	PRE	100	87	3	100	83	97	77	0	100	67	97	77
21	CGA 248757	4.75	WP	.004	LB A/A	MP												
21	COC		L	1	QT/A	MP												
22	DUAL II	7.8	EC	2	LB A/A	PRE	100	90	0	100	90	100	90	0	100	83	100	90
22	CGA 248757	4.75	WP	.005	LB A/A	MP												
22	COC		L	1	QT/A	MP												
23	DUAL II	7.8	EC	2	LB A/A	PRE	100	100	2	100	100	100	100	0	100	100	100	100
23	CGA 248757	4.75	WP	.004	LB A/A	MP												
23	EXCEED	57	DF	.036	LB A/A	MP												
23	COC		L	1	QT/A	MP												
24	Weedy Check						0	0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						1.9	6.5	6.5	2.7	8.0	4.7	5.6	0.0	3.4	8.1	4.7	5.7
	Standard Deviation						1.2	3.9	3.9	1.6	4.8	2.9	3.4	0.0	2.1	4.9	2.9	3.5
	CV						1.26	4.37	83.55	1.74	5.37	3.02	3.74	.	2.23	5.48	3.02	3.82

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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Weed Code										
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
1	PROWL	3.3	EC	.825	LB A/A	MP	0	97	60	93	93
1	ACCENT	75	WG	.016	LB A/A	MP					
1	ACTIVATOR 90			.25	% V/V	MP					
1	LIQUID N		L	1	QT/A	MP					
2	PROWL	3.3	EC	.825	LB A/A	MP	0	67	97	97	93
2	BEACON	75	DF	.036	LB A/A	MP					
2	ACTIVATOR 90			.25	% V/V	MP					
2	LIQUID N		L	1	QT/A	MP					
3	PROWL	3.3	EC	.825	LB A/A	MP	0	47	97	100	93
3	EXCEED	57	DF	.036	LB A/A	MP					
3	ACTIVATOR 90			.25	% V/V	MP					
3	LIQUID N		L	1	QT/A	MP					
4	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	97	100	100
4	FMC 8426	50	DF	.008	LB A/A	MP					
4	ATRAZINE	4	F	.5	LB A/A	MP					
4	COC		L	1	QT/A	MP					
5	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	100	100	100
5	FMC 8426	50	DF	.015	LB A/A	MP					
5	ATRAZINE	4	F	.5	LB A/A	MP					
5	COC		L	1	QT/A	MP					
6	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	100	100	93
6	FMC 8426	50	DF	.008	LB A/A	MP					
6	BANVEL	4	EC	.125	LB A/A	MP					
6	ACTIVATOR 90			.25	% V/V	MP					
7	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	100	100	100
7	FMC 8426	50	DF	.015	LB A/A	MP					
7	BANVEL	4	EC	.125	LB A/A	MP					
7	ACTIVATOR 90			.25	% V/V	MP					
8	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	87	100	93
8	FMC 8426	50	DF	.015	LB A/A	MP					
8	ACTIVATOR 90			.25	% V/V	MP					
9	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	97	100	97
9	FMC 8426	50	DF	.023	LB A/A	MP					
9	ACTIVATOR 90			.25	% V/V	MP					

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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Weed Code						ZEAMX	SETFA	XANST	CHEAL	PHBPU
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
10	DUAL II	7.8	EC	1.5	LB A/A	PRE	0	100	93	100	97
10	FMC 8426	50	DF	.031	LB A/A	MP					
10	ACTIVATOR 90			.25	% V/V	MP					
11	FRONTIER	6	E	1.3	LB A/A	PRE	0	100	97	100	100
11	SCORPION III	84.3	WG	.21	LB A/A	7"C					
11	ACTIVATOR 90			.25	% V/V	7"C					
11	LIQUID N		L	2.5	QT/A	7"C					
12	FRONTIER	6	E	1.3	LB A/A	PRE	0	100	90	100	90
12	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	7"C					
12	ACTIVATOR 90			.25	% V/V	7"C					
12	LIQUID N		L	2.5	QT/A	7"C					
13	FRONTIER	6	E	1.3	LB A/A	PRE	0	100	100	100	100
13	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	7"C					
13	ACTIVATOR 90			.25	% V/V	7"C					
13	LIQUID N		L	2.5	QT/A	7"C					
14	FRONTIER	6	E	1.3	LB A/A	PRE	0	100	93	100	90
14	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	13C					
14	ACTIVATOR 90			.25	% V/V	13C					
14	LIQUID N		L	2.5	QT/A	13C					
15	FRONTIER	6	E	1.3	LB A/A	PRE	0	100	90	100	90
15	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	13C					
15	ACTIVATOR 90			.25	% V/V	13C					
15	LIQUID N		L	2.5	QT/A	13C					
16	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	100	100
16	EXCEED	57	DF	.036	LB A/A	MP					
16	COC		L	1	QT/A	MP					
17	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	100	100
17	EXCEED	57	DF	.036	LB A/A	MP					
17	BANVEL	4	EC	.125	LB A/A	MP					
17	ACTIVATOR 90			.25	% V/V	MP					
18	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	100	100
18	EXCEED	57	DF	.036	LB A/A	MP					
18	BUCTRIL	2	EC	.125	LB A/A	MP					
18	ACTIVATOR 90			.25	% V/V	MP					

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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	CHEAL	PHBPU
Weed Code							ZEAMX	SETFA	XANST	CHEAL	PHBPU
Crop Code											
Part Rated											
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date											
Footnote Number											
Trt-Eval Interval							8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0
19	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	100	100
19	EXCEED	57	DF	.036	LB A/A	MP					
19	ACTION	5	W	.004	LB A/A	MP					
19	ACTIVATOR 90			.25	% V/V	MP					
20	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	97	100	90
20	ACCENT	75	WG	.016	LB A/A	MP					
20	BEACON	75	DF	.018	LB A/A	MP					
20	COC		L	1	QT/A	MP					
21	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	60	97	77
21	CGA 248757	4.75	WP	.004	LB A/A	MP					
21	COC		L	1	QT/A	MP					
22	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	77	100	90
22	CGA 248757	4.75	WP	.005	LB A/A	MP					
22	COC		L	1	QT/A	MP					
23	DUAL II	7.8	EC	2	LB A/A	PRE	0	100	100	100	100
23	CGA 248757	4.75	WP	.004	LB A/A	MP					
23	EXCEED	57	DF	.036	LB A/A	MP					
23	COC		L	1	QT/A	MP					
24	Weedy Check						0	0	0	0	0
LSD (P=.05)							0.0	5.8	7.8	4.7	5.9
Standard Deviation							0.0	3.5	4.7	2.9	3.6
CV							.	3.81	5.34	3.02	3.95

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.CHEAL 3.PHBPU
4.XANST

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	6-4-96	5-30-96	6-13-96		
Time of Day:	1 PM	11 AM	1 PM	11 AM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	PRE	MP	7" C	13" C		
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR		
Air Temp., Unit:	51 F	58 F	59 F	70 F		
% Relative Humidity:	68	80	60	70		
Wind Velocity, Unit:	4 MPH	4.5 MPH	5 MPH	4 MPH		
Soil Temp., Unit:	57 F	67 F	62 F	73 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	15	20	15	10		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP	7" C	13" C		
		4 LVS	3 LVS	5 LVS		
		9 IN	7 IN	13 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		2 LVS	3 LVS	5 LVS		
		2 IN	1-2 IN	5 IN		
CHEAL		5-6 LVS	4 LVS	4-5 LVS		
		2-3 IN	1 IN	1-2 IN		
PHBPU		3 LVS	2-3 LVS	3 LVS		
		4 IN	3 IN	3 IN		
XANST		5 LVS	4 LVS	4 LVS		
		4 IN	2 IN	3 IN		

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CORN POSTEMERGENCE II

Trial ID: C6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPAK	BACKPACK	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	1 WEEK	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	BASIS	75	DF	.0156	LB A/A	EP	100	93	3	2	100	100	93	97
1	COC		L	1	QT/A	EP								
1	CULT					+2W								
2	BASIS	75	DF	.0156	LB A/A	EP	100	93	3	2	100	100	93	100
2	ATRAZINE	4	F	.75	LB A/A	EP								
2	COC		L	1	QT/A	EP								
2	LIQUID N		L	2	QT/A	EP								
2	CULT					+2W								
3	BASIS	75	DF	.0156	LB A/A	EP	100	97	3	2	100	100	97	97
3	BANVEL	4	EC	.125	LB A/A	EP								
3	COC		L	1	QT/A	EP								
3	LIQUID N		L	2	QT/A	EP								
3	CULT					+2W								
4	BASIS	75	DF	.0156	LB A/A	EP	100	100	3	2	100	100	100	100
4	ATRAZINE	4	F	.75	LB A/A	EP								
4	COC		L	1	QT/A	EP								
4	LIQUID N		L	2	QT/A	EP								
5	ACCENT	75	WG	.031	LB A/A	MP	100	93	5	3	100	100	97	93
5	BUCTRIL GEL	4	E	.25	LB A/A	MP								
5	ACTIVATOR 90			.25	% V/V	MP								
5	LIQUID N		L	2	QT/A	MP								
6	EXTRAZINE	90	DF	1.7	LB A/A	PRE	100	100	0	0	100	100	100	100
6	ACCENT	75	WG	.031	LB A/A	MP								
6	COC		L	1	QT/A	MP								
6	LIQUID N		L	1	QT/A	MP								
7	ACCENT	75	WG	.031	LB A/A	MP	100	77	0	0	100	100	70	100
7	ATRAZINE	4	F	.5	LB A/A	MP								
7	COC		L	1	QT/A	MP								
7	LIQUID N		L	1	QT/A	MP								
8	ACCENT	75	WG	.031	LB A/A	MP	97	100	17	12	97	100	100	100
8	CLARITY	4	E	.5	LB A/A	MP								
8	ACTIVATOR 90			.25	% V/V	MP								

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	1 WEEK	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
9	ACCENT	75	WG	.031	LB A/A	MP	100	100	12	7	100	100	100	100
9	BUCTRIL	2	EC	.25	LB A/A	MP								
9	COC		L	1	QT/A	MP								
10	ACCENT	75	WG	.031	LB A/A	LMP	100	67	0	0	100	63	73	80
10	COC		L	1	QT/A	LMP								
10	LIQUID N		L	2	QT/A	LMP								
11	ACCENT	75	WG	.031	LB A/A	LMP	100	90	3	2	100	87	97	93
11	EXCEED	57	DF	.009	LB A/A	LMP								
11	COC		L	1	QT/A	LMP								
11	LIQUID N		L	1	QT/A	LMP								
12	ACCENT	75	WG	.031	LB A/A	LMP	100	100	0	0	100	100	100	100
12	EXCEED	57	DF	.018	LB A/A	LMP								
12	COC		L	1	QT/A	LMP								
12	LIQUID N		L	1	QT/A	LMP								
13	ACCENT	75	WG	.031	LB A/A	LMP	100	100	7	3	100	100	100	100
13	EXCEED	57	DF	.036	LB A/A	LMP								
13	COC		L	1	QT/A	LMP								
13	LIQUID N		L	1	QT/A	LMP								
14	EXCEED	57	DF	.036	LB A/A	LMP	77	100	0	0	77	100	100	100
14	COC		L	1	QT/A	LMP								
14	LIQUID N		L	1	QT/A	LMP								
15	ACCENT	75	WG	.031	LB A/A	LMP	100	97	3	2	100	100	97	97
15	EXCEED	57	DF	.018	LB A/A	LMP								
15	MSO		L	2	QT/A	LMP								
15	LIQUID N		L	1	QT/A	LMP								
16	ACCENT	75	WG	.031	LB A/A	LMP	100	90	0	0	100	97	97	93
16	BROADSTRIKE PLUS	85.6	WG	.021	LB A/A	LMP								
16	ACTIVATOR 90			.25	% V/V	LMP								
16	LIQUID N		L	2	QT/A	LMP								
17	ACCENT	75	WG	.031	LB A/A	LMP	100	90	0	0	100	100	93	90
17	BROADSTRIKE PLUS	85.6	WG	.043	LB A/A	LMP								
17	ACTIVATOR 90			.25	% V/V	LMP								
17	LIQUID N		L	2	QT/A	LMP								

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	1 WEEK	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
18	ACCENT	75	WG	.031	LB A/A	LMP	87	83	5	3	87	87	87	87
18	BROADSTRIKE PLUS	85.6	WG	.064	LB A/A	LMP								
18	ACTIVATOR 90			.25	% V/V	LMP								
18	LIQUID N		L	2	QT/A	LMP								
19	ACCENT	75	WG	.031	LB A/A	LMP	100	97	3	2	100	97	97	97
19	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	LMP								
19	ACTIVATOR 90			.25	% V/V	LMP								
19	LIQUID N		L	2	QT/A	LMP								
20	ACCENT	75	WG	.031	LB A/A	LMP	87	70	0	0	87	63	73	70
20	BROADSTRIKE PLUS	85.6	WG	.017	LB A/A	LMP								
20	ACTIVATOR 90			.25	% V/V	LMP								
20	LIQUID N		L	2	QT/A	LMP								
21	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	LMP	73	93	0	0	93	100	100	93
21	ACTIVATOR 90			.25	% V/V	LMP								
21	LIQUID N		L	2	QT/A	LMP								
22	ACCENT	75	WG	.031	LB A/A	LMP	100	100	3	2	100	100	100	100
22	SCORPION III	84.3	WG	.11	LB A/A	LMP								
22	ACTIVATOR 90			.25	% V/V	LMP								
22	LIQUID N		L	2	QT/A	LMP								
23	ACCENT	75	WG	.031	LB A/A	LMP	100	100	0	0	100	100	100	100
23	SCORPION III	84.3	WG	.21	LB A/A	LMP								
23	ACTIVATOR 90			.25	% V/V	LMP								
23	LIQUID N		L	2	QT/A	LMP								
24	ACCENT	75	WG	.031	LB A/A	LMP	100	67	0	0	100	60	87	83
24	STINGER	3	EC	.031	LB A/A	LMP								
24	ACTIVATOR 90			.25	% V/V	LMP								
24	LIQUID N		L	2	QT/A	LMP								
25	ACCENT	75	WG	.031	LB A/A	LMP	100	83	3	2	100	90	90	90
25	STINGER	3	EC	.063	LB A/A	LMP								
25	ACTIVATOR 90			.25	% V/V	LMP								
25	LIQUID N		L	2	QT/A	LMP								
26	EXCEED	57	DF	.018	LB A/A	LMP	63	100	0	0	63	100	100	100
26	COC		L	1	QT/A	LMP								
26	LIQUID N		L	2	QT/A	LMP								

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	1 WEEK	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
27	BROADSTRIKE PLUS	85.6	WG	.043	LB A/A	LMP	50	100	0	0	50	97	100	100
27	ACTIVATOR 90			.25	% V/V	LMP								
27	LIQUID N		L	2	QT/A	LMP								
28	ACCENT	75	WG	.031	LB A/A	LMP	100	93	3	2	100	100	97	93
28	BANVEL	4	EC	.125	LB A/A	LMP								
28	ACTIVATOR 90			.25	% V/V	LMP								
28	LIQUID N		L	2	QT/A	LMP								
29	DPX 79406	75	DF	.023	LB A/A	LP	97	70	0	0	97	100	60	100
29	ATRAZINE	4	F	.75	LB A/A	LP								
29	ACTIVATOR 90			.25	% V/V	LP								
30	DPX 79406	75	DF	.023	LB A/A	LP	100	87	0	0	100	100	80	100
30	ATRAZINE	4	F	.75	LB A/A	LP								
30	ACTIVATOR 90			.25	% V/V	LP								
30	LIQUID N		L	2	QT/A	LP								
31	DPX 79406	75	DF	.023	LB A/A	LP	100	77	0	0	100	100	70	97
31	ATRAZINE	4	F	.75	LB A/A	LP								
31	ACTIVATOR 90			.5	% V/V	LP								
32	DPX 79406	75	DF	.023	LB A/A	LP	100	77	0	0	100	100	73	97
32	ATRAZINE	4	F	.75	LB A/A	LP								
32	ACTIVATOR 90			.5	% V/V	LP								
32	LIQUID N		L	2	QT/A	LP								
33	DPX 79406	75	DF	.023	LB A/A	LP	100	80	0	0	100	100	67	100
33	ATRAZINE	4	F	.75	LB A/A	LP								
33	COC		L	1	QT/A	LP								
34	DPX 79406	75	DF	.023	LB A/A	LP	100	77	0	0	100	100	67	100
34	ATRAZINE	4	F	.75	LB A/A	LP								
34	COC		L	1	QT/A	LP								
34	LIQUID N		L	2	QT/A	LP								
35	DPX 79406	75	DF	.023	LB A/A	LP	100	70	0	0	100	100	63	100
35	ATRAZINE	4	F	.75	LB A/A	LP								
35	COC		L	2	QT/A	LP								

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	1 WEEK	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
36	DPX 79406	75	DF	.023	LB A/A	LP	100	80	3	2	100	100	77	100
36	ATRAZINE	4	F	.75	LB A/A	LP								
36	COC		L	2	QT/A	LP								
36	LIQUID N		L	2	QT/A	LP								
37	DPX 79406	75	DF	.023	LB A/A	LP	100	83	3	2	100	100	73	100
37	ATRAZINE	4	F	.75	LB A/A	LP								
37	MSO		L	1	QT/A	LP								
38	DPX 79406	75	DF	.023	LB A/A	LP	100	87	0	0	100	100	80	100
38	ATRAZINE	4	F	.75	LB A/A	LP								
38	MSO		L	1	QT/A	LP								
38	LIQUID N		L	2	QT/A	LP								
39	DPX 79406	75	DF	.023	LB A/A	LP	100	87	0	0	100	100	77	100
39	ATRAZINE	4	F	.75	LB A/A	LP								
39	MSO		L	2	QT/A	LP								
40	DPX 79406	75	DF	.023	LB A/A	LP	100	90	0	0	100	100	87	97
40	ATRAZINE	4	F	.75	LB A/A	LP								
40	MSO		L	2	QT/A	LP								
40	LIQUID N		L	2	QT/A	LP								
	LSD (P=.05)						12.0	13.3	6.7	4.1	11.0	11.4	14.4	10.9
	Standard Deviation						7.3	8.2	4.1	2.5	6.7	7.0	8.8	6.7
	CV						7.65	9.24	191.84	205.92	6.99	7.28	10.05	6.93

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	BASIS	75	DF	.0156	LB A/A	EP	0	100	100	87	77	0	100	100	83	70
1	COC		L	1	QT/A	EP										
1	CULT					+2W										
2	BASIS	75	DF	.0156	LB A/A	EP	0	100	100	93	73	0	100	100	90	70
2	ATRAZINE	4	F	.75	LB A/A	EP										
2	COC		L	1	QT/A	EP										
2	LIQUID N		L	2	QT/A	EP										
2	CULT					+2W										
3	BASIS	75	DF	.0156	LB A/A	EP	0	100	100	97	70	0	100	100	97	73
3	BANVEL	4	EC	.125	LB A/A	EP										
3	COC		L	1	QT/A	EP										
3	LIQUID N		L	2	QT/A	EP										
3	CULT					+2W										
4	BASIS	75	DF	.0156	LB A/A	EP	0	100	100	100	100	0	100	100	100	100
4	ATRAZINE	4	F	.75	LB A/A	EP										
4	COC		L	1	QT/A	EP										
4	LIQUID N		L	2	QT/A	EP										
5	ACCENT	75	WG	.031	LB A/A	MP	0	100	100	93	90	0	100	100	93	90
5	BUCTRIL GEL	4	E	.25	LB A/A	MP										
5	ACTIVATOR 90			.25	% V/V	MP										
5	LIQUID N		L	2	QT/A	MP										
6	EXTRAZINE	90	DF	1.7	LB A/A	PRE	0	100	100	97	97	0	100	100	97	97
6	ACCENT	75	WG	.031	LB A/A	MP										
6	COC		L	1	QT/A	MP										
6	LIQUID N		L	1	QT/A	MP										
7	ACCENT	75	WG	.031	LB A/A	MP	0	100	100	50	100	0	100	100	53	100
7	ATRAZINE	4	F	.5	LB A/A	MP										
7	COC		L	1	QT/A	MP										
7	LIQUID N		L	1	QT/A	MP										
8	ACCENT	75	WG	.031	LB A/A	MP	2	97	100	100	100	0	97	100	100	100
8	CLARITY	4	E	.5	LB A/A	MP										
8	ACTIVATOR 90			.25	% V/V	MP										

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
9	ACCENT	75	WG	.031	LB A/A	MP	3	100	100	100	93	0	100	100	100	93
9	BUCTRIL	2	EC	.25	LB A/A	MP										
9	COC		L	1	QT/A	MP										
10	ACCENT	75	WG	.031	LB A/A	LMP	0	100	60	70	80	0	100	60	70	80
10	COC		L	1	QT/A	LMP										
10	LIQUID N		L	2	QT/A	LMP										
11	ACCENT	75	WG	.031	LB A/A	LMP	0	100	77	93	93	0	100	73	93	93
11	EXCEED	57	DF	.009	LB A/A	LMP										
11	COC		L	1	QT/A	LMP										
11	LIQUID N		L	1	QT/A	LMP										
12	ACCENT	75	WG	.031	LB A/A	LMP	0	100	100	100	100	0	100	100	100	100
12	EXCEED	57	DF	.018	LB A/A	LMP										
12	COC		L	1	QT/A	LMP										
12	LIQUID N		L	1	QT/A	LMP										
13	ACCENT	75	WG	.031	LB A/A	LMP	0	100	100	100	100	0	100	100	100	100
13	EXCEED	57	DF	.036	LB A/A	LMP										
13	COC		L	1	QT/A	LMP										
13	LIQUID N		L	1	QT/A	LMP										
14	EXCEED	57	DF	.036	LB A/A	LMP	0	90	100	100	100	0	73	100	100	100
14	COC		L	1	QT/A	LMP										
14	LIQUID N		L	1	QT/A	LMP										
15	ACCENT	75	WG	.031	LB A/A	LMP	0	97	100	97	97	0	97	93	97	97
15	EXCEED	57	DF	.018	LB A/A	LMP										
15	MSO		L	2	QT/A	LMP										
15	LIQUID N		L	1	QT/A	LMP										
16	ACCENT	75	WG	.031	LB A/A	LMP	0	100	97	97	93	0	100	97	97	93
16	BROADSTRIKE PLUS	85.6	WG	.021	LB A/A	LMP										
16	ACTIVATOR 90			.25	% V/V	LMP										
16	LIQUID N		L	2	QT/A	LMP										
17	ACCENT	75	WG	.031	LB A/A	LMP	0	100	100	97	90	0	100	100	97	90
17	BROADSTRIKE PLUS	85.6	WG	.043	LB A/A	LMP										
17	ACTIVATOR 90			.25	% V/V	LMP										
17	LIQUID N		L	2	QT/A	LMP										

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
Weed Code							ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
Crop Code																
Part Rated																
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
18	ACCENT	75	WG	.031	LB A/A	LMP	0	87	87	87	87	0	87	87	87	87
18	BROADSTRIKE PLUS	85.6	WG	.064	LB A/A	LMP										
18	ACTIVATOR 90			.25	% V/V	LMP										
18	LIQUID N		L	2	QT/A	LMP										
19	ACCENT	75	WG	.031	LB A/A	LMP	2	100	97	100	97	0	100	97	100	97
19	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	LMP										
19	ACTIVATOR 90			.25	% V/V	LMP										
19	LIQUID N		L	2	QT/A	LMP										
20	ACCENT	75	WG	.031	LB A/A	LMP	0	87	63	83	70	0	87	63	83	80
20	BROADSTRIKE PLUS	85.6	WG	.017	LB A/A	LMP										
20	ACTIVATOR 90			.25	% V/V	LMP										
20	LIQUID N		L	2	QT/A	LMP										
21	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	LMP	0	83	100	100	93	0	77	100	100	93
21	ACTIVATOR 90			.25	% V/V	LMP										
21	LIQUID N		L	2	QT/A	LMP										
22	ACCENT	75	WG	.031	LB A/A	LMP	0	100	100	97	100	0	100	100	97	100
22	SCORPION III	84.3	WG	.11	LB A/A	LMP										
22	ACTIVATOR 90			.25	% V/V	LMP										
22	LIQUID N		L	2	QT/A	LMP										
23	ACCENT	75	WG	.031	LB A/A	LMP	0	97	100	100	100	0	97	100	100	100
23	SCORPION III	84.3	WG	.21	LB A/A	LMP										
23	ACTIVATOR 90			.25	% V/V	LMP										
23	LIQUID N		L	2	QT/A	LMP										
24	ACCENT	75	WG	.031	LB A/A	LMP	0	100	67	87	53	0	100	67	87	83
24	STINGER	3	EC	.031	LB A/A	LMP										
24	ACTIVATOR 90			.25	% V/V	LMP										
24	LIQUID N		L	2	QT/A	LMP										
25	ACCENT	75	WG	.031	LB A/A	LMP	0	100	83	90	90	0	100	83	90	90
25	STINGER	3	EC	.063	LB A/A	LMP										
25	ACTIVATOR 90			.25	% V/V	LMP										
25	LIQUID N		L	2	QT/A	LMP										
26	EXCEED	57	DF	.018	LB A/A	LMP	0	50	100	100	100	0	50	100	100	100
26	COC		L	1	QT/A	LMP										
26	LIQUID N		L	2	QT/A	LMP										

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
27	BROADSTRIKE PLUS	85.6	WG	.043	LB A/A	LMP	0	40	97	100	100	0	40	97	100	100
27	ACTIVATOR 90			.25	% V/V	LMP										
27	LIQUID N		L	2	QT/A	LMP										
28	ACCENT	75	WG	.031	LB A/A	LMP	0	100	100	97	97	0	100	100	97	97
28	BANVEL	4	EC	.125	LB A/A	LMP										
28	ACTIVATOR 90			.25	% V/V	LMP										
28	LIQUID N		L	2	QT/A	LMP										
29	DPX 79406	75	DF	.023	LB A/A	LP	0	97	100	53	100	0	97	100	53	100
29	ATRAZINE	4	F	.75	LB A/A	LP										
29	ACTIVATOR 90			.25	% V/V	LP										
30	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	80	100	0	100	100	77	100
30	ATRAZINE	4	F	.75	LB A/A	LP										
30	ACTIVATOR 90			.25	% V/V	LP										
30	LIQUID N		L	2	QT/A	LP										
31	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	57	97	0	100	100	57	97
31	ATRAZINE	4	F	.75	LB A/A	LP										
31	ACTIVATOR 90			.5	% V/V	LP										
32	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	63	97	0	100	100	60	97
32	ATRAZINE	4	F	.75	LB A/A	LP										
32	ACTIVATOR 90			.5	% V/V	LP										
32	LIQUID N		L	2	QT/A	LP										
33	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	57	100	0	100	100	53	100
33	ATRAZINE	4	F	.75	LB A/A	LP										
33	COC		L	1	QT/A	LP										
34	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	60	100	0	100	100	57	100
34	ATRAZINE	4	F	.75	LB A/A	LP										
34	COC		L	1	QT/A	LP										
34	LIQUID N		L	2	QT/A	LP										
35	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	50	100	0	100	100	50	100
35	ATRAZINE	4	F	.75	LB A/A	LP										
35	COC		L	2	QT/A	LP										

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Weed Code						ZEAMX	SETFA	CHEAL	XANST	PHBPU	ZEAMX	SETFA	CHEAL	XANST	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
36	DPX 79406	75	DF	.023	LB A/A	LP	2	100	100	63	100	0	100	100	63	100
36	ATRAZINE	4	F	.75	LB A/A	LP										
36	COC		L	2	QT/A	LP										
36	LIQUID N		L	2	QT/A	LP										
37	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	67	100	0	100	100	63	100
37	ATRAZINE	4	F	.75	LB A/A	LP										
37	MSO		L	1	QT/A	LP										
38	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	73	100	0	100	100	77	100
38	ATRAZINE	4	F	.75	LB A/A	LP										
38	MSO		L	1	QT/A	LP										
38	LIQUID N		L	2	QT/A	LP										
39	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	73	100	0	100	100	70	100
39	ATRAZINE	4	F	.75	LB A/A	LP										
39	MSO		L	2	QT/A	LP										
40	DPX 79406	75	DF	.023	LB A/A	LP	0	100	100	83	97	0	100	100	83	97
40	ATRAZINE	4	F	.75	LB A/A	LP										
40	MSO		L	2	QT/A	LP										
40	LIQUID N		L	2	QT/A	LP										
	LSD (P=.05)						2.0	10.4	11.0	14.9	16.9	0.0	12.2	12.0	15.5	9.8
	Standard Deviation						1.2	6.4	6.7	9.1	10.3	0.0	7.5	7.3	9.5	6.0
	CV						573.25	6.66	7.01	10.73	11.1	.	7.89	7.68	11.28	6.37

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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.CHEAL 3.XANST
4.PHBPU

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	5-29-96	6-4-96	6-5-96	6-6-96	
Time of Day:	11:30 AM	1 PM	10 AM	3PM	9:30 AM	
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
Application Timing:	PRE	EP	MP	LMP	LP	
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR	FOLIAR	
Air Temp., Unit:	49 F	65 G	62 F	75 F	66 F	
% Relative Humidity:	65	90	80	55	80	
Wind Velocity, Unit:	4 MPH	4.5 MPH	4 MPH	5 MPH	4 MPH	
Soil Temp., Unit:	57 F	70 F	66 F	76 F	67 F	
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	
% Cloud Cover:	10	15	10	15	10	

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		EP	MP	LMP	LP	
		2 LVS	4 LVS	4 LVS	6 LVS	
		6 IN	8 IN	10 IN	20 IN	

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE III

Trial ID: C6015 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		2 LVS	4 LVS	5 LVS	6 LVS	
		1-2 IN	4 IN	5 IN	6 IN	
CHEAL		2-3 LVS	4-5 LVS	5-6 LVS	5 LVS	
		2 IN	2-3 IN	3-4 IN	5 IN	
XANST		3 LVS	5 LVS	5 LVS	6 LVS	
		1-2 IN	4 IN	5-6 IN	8 IN	
PHBPU		2 LVS	3 LVS	4-5 LVS	6 LVS	
		1 IN	4 IN	5-6 IN	8 IN	

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	BACKPACK	BACKPACK	BACKPACK	
Operating Pressure:	30	30	30	30	30	
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT	5 FT	
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	
Carrier:	WATER	WATER	WATER	WATER	WATER	
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA	
Propellant:	CO2	CO2	CO2	CO2	CO2	

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE IV

Trial ID: C6016 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	FRONTIER	6	E	1.3	LB A/A	PRE	100	91	0	100	91	94	0	100	88	94
1	CLARITY	4	E	.5	LB A/A	6"C										
1	ACTIVATOR 90			.25	% V/V	6"C										
1	LIQUID N		L	2	QT/A	6"C										
2	GUARDSMAN	5	E	2.8	LB A/A	PRE	92	93	0	92	93	98	0	92	92	98
2	CLARITY	4	E	.5	LB A/A	6"C										
2	ACTIVATOR 90			.25	% V/V	6"C										
2	LIQUID N		L	2	QT/A	6"C										
3	GUARDSMAN	5	E	2.8	LB A/A	PRE	93	92	0	93	92	98	0	93	90	94
3	MARKSMAN	3.2	F	1.4	LB A/A	6"C										
4	FRONTIER	6	E	1.17	LB A/A	PRE	100	93	0	100	93	95	0	100	93	95
4	SAN 1269H	70	WG	.263	LB A/A	4"C										
4	ACTIVATOR 90			.25	% V/V	4"C										
4	LIQUID N		L	1.25	QT/A	4"C										
5	FRONTIER	6	E	1.17	LB A/A	PRE	100	91	0	100	92	94	0	100	92	94
5	SAN 1269H	70	WG	.35	LB A/A	4"C										
5	ACTIVATOR 90			.25	% V/V	4"C										
5	LIQUID N		L	1.25	QT/A	4"C										
6	FRONTIER	6	E	1.17	LB A/A	PRE	98	91	0	100	92	100	0	94	92	97
6	SAN 1269H	70	WG	.175	LB A/A	8"C										
6	ACTIVATOR 90			.25	% V/V	8"C										
6	LIQUID N		L	1.25	QT/A	8"C										
7	FRONTIER	6	E	1.17	LB A/A	PRE	98	93	0	98	93	100	0	98	92	100
7	SAN 1269H	70	WG	.263	LB A/A	8"C										
7	ACTIVATOR 90			.25	% V/V	8"C										
7	LIQUID N		L	1.25	QT/A	8"C										
8	FRONTIER	6	E	1.17	LB A/A	PRE	100	93	0	100	95	98	0	100	92	98
8	MARKSMAN	3.2	F	1.4	LB A/A	4"C										
9	FRONTIER	6	E	1.17	LB A/A	PRE	100	91	0	100	92	97	0	100	91	97
9	SAN 821	5	SL	.47	LB A/A	4"C										
9	LIQUID N		L	2	QT/A	4"C										

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE IV

Trial ID: C6016 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
10	FRONTIER	6	E	1.17	LB A/A	PRE	98	92	0	98	89	98	0	98	89	98
10	TOUGH	5	EC	.625	LB A/A	4"C										
10	ATRAZINE	4	F	1	LB A/A	4"C										
10	COC		L	1	QT/A	4"C										
11	FRONTIER	6	E	1.17	LB A/A	PRE	98	91	0	98	90	97	0	98	87	97
11	TOUGH	5	EC	.625	LB A/A	4"C										
11	BANVEL	4	EC	.25	LB A/A	4"C										
11	COC		L	1	QT/A	4"C										
12	DUAL II	7.8	EC	2	LB A/A	PRE	98	92	0	98	92	98	0	98	92	98
12	SCORPION III	84.3	WG	.21	LB A/A	4"C										
12	ACTIVATOR 90			.25	% V/V	4"C										
12	LIQUID N		L	2.5	QT/A	4"C										
13	SURPASS	6.4	EC	1.6	LB A/A	PRE	95	92	0	95	92	95	0	95	91	95
13	BUCTRIL/ATRA	3	F	.75	LB A/A	8"C										
14	DUAL II	7.8	EC	2	LB A/A	PRE	98	92	0	98	92	97	0	98	92	97
14	EXCEED	57	DF	.036	LB A/A	8"C										
14	COC		L	1	QT/A	8"C										
15	HARNESS	7	EC	1.53	LB A/A	PRE	94	91	0	95	91	98	0	95	88	98
15	PERMIT	75	DF	.031	LB A/A	8"C										
15	COC		L	1	QT/A	8"C										
16	DUAL II	7.8	EC	2	LB A/A	PRE	95	92	0	95	84	94	0	95	88	94
16	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	8"C										
16	ACTIVATOR 90			.25	% V/V	8"C										
16	LIQUID N		L	2.5	QT/A	8"C										
17	DUAL II	7.8	EC	1.3	LB A/A	PRE	98	89	0	98	89	98	0	98	89	94
17	SAN 1269H	6	EC	.263	LB A/A	4"C										
17	ACTIVATOR 90			.25	% V/V	4"C										
17	LIQUID N		L	1.25	QT/A	4"C										
18	DUAL II	7.8	EC	1.3	LB A/A	PRE	98	93	0	98	93	98	0	98	92	94
18	SAN 1269H	70	WG	.35	LB A/A	4"C										
18	ACTIVATOR 90			.25	% V/V	4"C										
18	LIQUID N		L	1.25	QT/A	4"C										

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE IV

Trial ID: C6016 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
19	DUAL II	7.8	EC	1.3	LB A/A	PRE	98	87	0	100	88	98	0	93	88	94
19	SAN 1269H	70	WG	.175	LB A/A	8"C										
19	ACTIVATOR 90			.25	% V/V	8"C										
19	LIQUID N		L	1.25	QT/A	8"C										
20	DUAL II	7.8	EC	1.3	LB A/A	PRE	100	93	0	100	93	95	0	100	93	95
20	SAN 1269H	70	WG	.263	LB A/A	8"C										
20	ACTIVATOR 90			.25	% V/V	8"C										
20	LIQUID N		L	1.25	QT/A	8"C										
21	DUAL II	7.8	EC	1.3	LB A/A	PRE	98	95	0	98	95	100	0	98	92	97
21	MARKSMAN	3.2	F	1.4	LB A/A	4"C										
22	DUAL II	7.8	EC	1.3	LB A/A	PRE	98	91	0	98	91	100	0	98	91	100
22	SAN 821	5	SL	.47	LB A/A	4"C										
22	LIQUID N		L	2	QT/A	4"C										
23	DUAL II	7.8	EC	1.3	LB A/A	PRE	95	93	0	95	93	95	0	95	93	95
23	TOUGH	5	EC	.625	LB A/A	4"C										
23	ATRAZINE	4	F	1	LB A/A	4"C										
23	COC		L	1	QT/A	4"C										
24	DUAL II	7.8	EC	1.3	LB A/A	PRE	93	91	0	93	91	92	0	93	91	92
24	TOUGH	5	EC	.625	LB A/A	4"C										
24	SAN 821	5	SL	.25	LB A/A	4"C										
25	DUAL II	7.8	EC	1.3	LB A/A	PRE	92	91	0	92	92	95	0	92	92	95
25	SCORPION III	84.3	WG	.21	LB A/A	4"C										
25	ACTIVATOR 90			.25	% V/V	4"C										
26	DUAL II	7.8	EC	1.3	LB A/A	PRE	98	93	0	98	95	95	0	98	91	95
26	BUCTRIL/ATRA	3	F	.75	LB A/A	8"C										
27	DUAL II	7.8	EC	1.3	LB A/A	PRE	95	92	0	95	92	98	0	94	92	98
27	EXCEED	57	DF	.036	LB A/A	8"C										
27	COC		L	1	QT/A	8"C										
28	DUAL II	7.8	EC	1.3	LB A/A	PRE	93	69	0	93	87	93	0	93	87	93
28	PERMIT	75	DF	.031	LB A/A	8"C										
28	COC		L	1	QT/A	8"C										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IV

Trial ID: C6016 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	PHBPU	XANST	ZEAMX	SETFA	PHBPU	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
29	DUAL II	7.8	EC	1.3	LB A/A	PRE	93	90	0	93	90	95	0	93	90	95
29	BROADSTRIKE PLUS	85.6	WG	.21	LB A/A	8"C										
29	ACTIVATOR 90			.25	% V/V	8"C										
30	SAN 1269H	70	WG	.263	LB A/A	8"C	92	92	0	93	92	92	0	92	92	92
30	ACCENT	75	WG	.031	LB A/A	8"C										
30	ACTIVATOR 90			.25	% V/V	8"C										
30	LIQUID N		L	1.25	QT/A	8"C										
31	FRONTIER	6	E	1.3	LB A/A	PRE	0	0	0	0	0	0	0	0	0	0
31	BANVEL	4	EC	.25	LB A/A	8"C										
31	EXCEED	57	DF	.018	LB A/A	8"C										
31	ACTIVATOR 90			.25	% V/V	8"C										
32	SAN 1289H	6	EC	.7	LB A/A	PRE	100	93	0	100	93	100	0	100	91	100
32	MARKSMAN	3.2	F	1.4	LB A/A	4"C										
33	SAN 1289H	6	EC	.7	LB A/A	PRE	95	92	0	95	92	93	0	95	89	93
33	CLARITY	4	E	.47	LB A/A	4"C										
33	LIQUID N		L	2	QT/A	4"C										
34	DUAL II	7.8	EC	2	LB A/A	PRE	100	92	0	100	93	98	0	100	92	98
34	EXCEED	57	DF	.036	LB A/A	4"C										
34	COC		L	1	QT/A	4"C										
	LSD (P=.05)						4.8	3.9	0.0	4.4	6.4	5.9	0.0	4.9	5.2	6.6
	Standard Deviation						3.0	2.4	0.0	2.7	3.9	3.6	0.0	3.0	3.2	4.0
	CV						3.16	2.71	.	2.88	4.44	3.89	.	3.21	3.62	4.31

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IV

Trial ID: C6016 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**PHBPU **3.**XANST

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	5-30-96	5-30-96	5-31-96		
Time of Day:	3 PM	10 AM	3 PM	2:30 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	PRE	4"C	6"C	8"C		
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR		
Air Temp., Unit:	53 F	52 F	69 F	74 F		
% Relative Humidity:	41	70	50	55		
Wind Velocity, Unit:	5 MPH	4 MPH	4.5 MPH	4.8 MPH		
Soil Temp., Unit:	61 F	65 F	73 F	76 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	20	10	15	15		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		4"C	6"C	8"C		
		2 LVS	3 LVS	4 LVS		
		4 IN	6 IN	8 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		1-2 LVS	2-3 LVS	4 LVS		
		2 IN	3 IN	4 IN		
PHBPU		1-2 LVS	2 LVS	3 LVS		
		2 IN	3 IN	4 IN		
XANST		2LVS	3-4 LVS	5LVS		
		2 IN	3 IN	4 IN		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IV

Trial ID: C6016 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE V

Trial ID: C6017 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Weed Code																	
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
1	FRONTIER	6	E	1.3	LB A/A	PRE	100	78	2	100	93	78	85	2	97	93	78	80
1	RESOURCE	.86	EC	.027	LB A/A	MP												
1	COC		L	.5	QT/A	MP												
2	FRONTIER	6	E	1.3	LB A/A	PRE	100	80	0	100	97	78	85	0	100	97	78	85
2	VC 1097	.86	EC	.027	LB A/A	MP												
2	COC		L	.5	QT/A	MP												
3	FRONTIER	6	E	1.3	LB A/A	PRE	97	82	0	97	95	82	87	0	97	95	82	87
3	RESOURCE	.86	EC	.04	LB A/A	MP												
3	COC		L	.5	QT/A	MP												
4	FRONTIER	6	E	1.3	LB A/A	PRE	100	82	0	100	97	82	85	0	100	97	82	85
4	RESOURCE	.86	EC	.054	LB A/A	MP												
4	COC		L	.5	QT/A	MP												
5	FRONTIER	6	E	1.3	LB A/A	PRE	100	88	0	100	95	88	92	0	97	95	88	93
5	RESOURCE	.86	EC	.027	LB A/A	MP												
5	ATRAZINE	4	F	.5	LB A/A	MP												
5	COC		L	.5	QT/A	MP												
6	FRONTIER	6	E	1.3	LB A/A	PRE	98	83	0	98	97	83	88	0	98	97	83	88
6	RESOURCE	.86	EC	.027	LB A/A	MP												
6	ACCENT	75	WG	.031	LB A/A	MP												
6	COC		L	.5	QT/A	MP												
7	FRONTIER	6	E	1.3	LB A/A	PRE	100	90	0	100	97	88	93	0	100	97	88	93
7	RESOURCE	.86	EC	.027	LB A/A	MP												
7	ATRAZINE	4	F	.5	LB A/A	MP												
7	ACCENT	75	WG	.031	LB A/A	MP												
7	COC		L	.5	QT/A	MP												
8	FRONTIER	6	E	1.3	LB A/A	PRE	100	85	0	100	97	85	92	0	100	97	85	92
8	RESOURCE	.86	EC	.027	LB A/A	MP												
8	BEACON	75	DF	.018	LB A/A	MP												
8	COC		L	.5	QT/A	MP												
9	FRONTIER	6	E	1.3	LB A/A	PRE	100	83	0	100	95	83	88	0	100	95	83	90
9	RESOURCE	.86	EC	.027	LB A/A	MP												
9	ACCENT	75	WG	.016	LB A/A	MP												
9	BEACON	75	DF	.018	LB A/A	MP												
9	COC		L	.5	QT/A	MP												

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE V

Trial ID: C6017 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
10	FRONTIER	6	E	1.3	LB A/A	PRE	100	92	0	100	100	91	97	0	100	100	91	97
10	RESOURCE	.86	EC	.027	LB A/A	MP												
10	MARKSMAN	3.2	F	.8	LB A/A	MP												
11	FRONTIER	6	E	1.3	LB A/A	PRE	100	88	0	100	97	85	93	0	100	97	88	95
11	RESOURCE	.86	EC	.027	LB A/A	MP												
11	BANVEL	4	EC	.125	LB A/A	MP												
11	ACCENT	75	WG	.031	LB A/A	MP												
11	ACTIVATOR 90			.25	% V/V	MP												
12	FRONTIER	6	E	1.3	LB A/A	PRE	97	68	0	97	93	70	73	0	97	93	72	75
12	BUCTRIL	2	EC	.125	LB A/A	MP												
13	FRONTIER	6	E	1.3	LB A/A	PRE	98	78	0	98	93	78	82	0	98	93	78	78
13	BUCTRIL	2	EC	.25	LB A/A	MP												
14	FRONTIER	6	E	1.3	LB A/A	PRE	100	78	0	100	93	80	83	0	100	93	80	83
14	BUCTRIL	2	EC	.5	LB A/A	MP												
15	FRONTIER	6	E	1.3	LB A/A	PRE	100	78	0	100	95	78	83	0	100	95	80	85
15	RESOURCE	.86	EC	.027	LB A/A	MP												
15	BUCTRIL	2	EC	.125	LB A/A	MP												
16	FRONTIER	6	E	1.3	LB A/A	PRE	100	83	2	100	93	82	88	2	100	93	82	88
16	RESOURCE	.86	EC	.027	LB A/A	MP												
16	BUCTRIL	2	EC	.25	LB A/A	MP												
17	FRONTIER	6	E	1.3	LB A/A	PRE	97	58	2	97	92	57	62	2	97	92	57	62
17	SENCOR	75	DF	.094	LB A/A	MP												
18	FRONTIER	6	E	1.3	LB A/A	PRE	98	75	2	98	93	75	78	2	98	93	75	78
18	RESOURCE	.86	EC	.027	LB A/A	MP												
18	SENCOR	75	DF	.094	LB A/A	MP												
19	FRONTIER	6	E	1.3	LB A/A	PRE	98	75	0	98	95	73	78	0	98	95	73	80
19	BASAGRAN	4	E	.5	LB A/A	MP												
19	COC		L	1	QT/A	MP												
20	FRONTIER	6	E	1.3	LB A/A	PRE	97	80	0	97	97	80	82	0	97	97	80	83
20	BASAGRAN	4	E	.75	LB A/A	MP												
20	COC		L	1	QT/A	MP												

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE V

Trial ID: C6017 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
21	FRONTIER	6	E	1.3	LB A/A	PRE	97	80	3	97	97	80	83	3	97	96	80	85
21	RESOURCE	.86	EC	.027	LB A/A	MP												
21	BASAGRAN	4	E	.5	LB A/A	MP												
21	COC		L	.5	QT/A	MP												
22	FRONTIER	6	E	1.3	LB A/A	PRE	98	82	0	98	93	82	88	0	98	93	82	88
22	RESOURCE	.86	EC	.027	LB A/A	MP												
22	BASAGRAN	4	E	.75	LB A/A	MP												
22	COC		L	.5	QT/A	MP												
23	FRONTIER	6	E	1.3	LB A/A	PRE	98	90	0	98	95	90	93	0	98	95	90	93
23	EXCEED	57	DF	.02	LB A/A	MP												
23	COC		L	1	QT/A	MP												
24	FRONTIER	6	E	1.3	LB A/A	PRE	100	92	0	100	95	90	95	0	100	95	90	95
24	EXCEED	57	DF	.027	LB A/A	MP												
24	COC		L	1	QT/A	MP												
25	FRONTIER	6	E	1.3	LB A/A	PRE	100	92	0	100	95	92	95	0	100	95	92	95
25	EXCEED	57	DF	.036	LB A/A	MP												
25	COC		L	1	QT/A	MP												
26	FRONTIER	6	E	1.3	LB A/A	PRE	100	90	2	100	95	88	90	2	100	95	88	90
26	RESOURCE	.86	EC	.027	LB A/A	MP												
26	EXCEED	57	DF	.02	LB A/A	MP												
26	COC		L	1	QT/A	MP												
27	FRONTIER	6	E	1.3	LB A/A	PRE	100	92	0	100	95	92	95	0	100	95	92	95
27	RESOURCE	.86	EC	.027	LB A/A	MP												
27	EXCEED	57	DF	.027	LB A/A	MP												
27	COC		L	1	QT/A	MP												
28	FRONTIER	6	E	1.3	LB A/A	PRE	95	60	2	95	87	62	62	2	95	87	62	58
28	ACCENT	75	WG	.031	LB A/A	MP												
28	COC		L	1	QT/A	MP												
28	LIQUID N		L	1	QT/A	MP												
29	FRONTIER	6	E	1.3	LB A/A	PRE	100	78	0	100	92	78	82	0	100	92	78	82
29	RESOURCE	.86	EC	.027	LB A/A	MP												
29	ACCENT	75	WG	.031	LB A/A	MP												
29	COC		L	.5	QT/A	MP												

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE V

Trial ID: C6017 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	XANST	ZEAMX	SETFA	CHEAL	PHBPU	XANST
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
30	FRONTIER	6	E	1.3	LB A/A	PRE	97	62	2	97	92	62	63	2	97	92	62	63
30	ATRAZINE	4	F	.5	LB A/A	MP												
30	COC		L	1	QT/A	MP												
31	FRONTIER	6	E	1.3	LB A/A	PRE	100	72	0	100	92	73	73	0	100	92	73	78
31	ATRAZINE	4	F	1	LB A/A	MP												
31	COC		L	1	QT/A	MP												
32	FRONTIER	6	E	1.3	LB A/A	PRE	95	92	2	95	95	92	95	2	95	95	92	95
32	RESOURCE	.86	EC	.027	LB A/A	MP												
32	ATRAZINE	4	F	.5	LB A/A	MP												
32	COC		L	.5	QT/A	MP												
33	FRONTIER	6	E	1.3	LB A/A	PRE	100	93	0	100	98	93	97	0	100	98	93	97
33	RESOURCE	.86	EC	.027	LB A/A	MP												
33	ATRAZINE	4	F	1	LB A/A	MP												
33	COC		L	.5	QT/A	MP												
34	Weedy Check						0	0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						4.6	7.2	2.3	4.6	5.3	8.1	8.8	2.3	5.1	5.3	7.9	8.7
	Standard Deviation						2.8	4.4	1.4	2.8	3.2	5.0	5.4	1.4	3.1	3.2	4.8	5.3
	CV						2.93	5.57	291.55	2.93	3.53	6.33	6.56	291.55	3.27	3.5	6.13	6.46

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE V

Trial ID: C6017 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.CHEAL 3.PHBPU
4.XANST

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	6-4-96				
Time of Day:	2 PM	10:30 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	51 F	57 F				
% Relative Humidity:	50	80				
Wind Velocity, Unit:	4.5 MPH	4 MPH				
Soil Temp., Unit:	59 F	67 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	10				

CROP STAGE AT EACH APPLICATION

A	B	C	D	E	F
	MP				
	4 LVS				
	8 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
CHEAL		5-6 LVS				
		2-3 IN				
PHBPU		3 LVS				
		4 IN				
XANST		5 LVS				
		4 IN				

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CORN POSTEMERGENCE V

Trial ID: C6017 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT

Trial ID: C6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	RESOLVE	75	SG	.251	LB A/A	MP	97	77	0	97	77	77
1	ACCENT	75	WG	.015	LB A/A	MP						
1	ACTIVATOR 90			.25	% V/V	MP						
1	LIQUID N		L	1	QT/A	MP						
2	RESOLVE	75	SG	.251	LB A/A	LP	100	70	0	100	70	70
2	ACCENT	75	WG	.015	LB A/A	LP						
2	ACTIVATOR 90			.25	% V/V	LP						
2	LIQUID N		L	1	QT/A	LP						
3	LIGHTNING	70	DG	.056	LB A/A	MP	97	80	0	97	83	80
3	ACTIVATOR 90			.25	% V/V	MP						
3	LIQUID N		L	1	QT/A	MP						
4	LIGHTNING	70	DG	.056	LB A/A	LP	100	57	0	100	57	67
4	ACTIVATOR 90			.25	% V/V	LP						
4	LIQUID N		L	1	QT/A	LP						
5	LIGHTNING	70	DG	.056	LB A/A	MP	100	87	0	100	90	80
5	SUNIT		L	.75	QT/A	MP						
5	LIQUID N		L	1	QT/A	MP						
6	LIGHTNING	70	DG	.056	LB A/A	LP	97	87	0	97	87	87
6	SUNIT		L	.75	QT/A	LP						
6	LIQUID N		L	1	QT/A	LP						
7	EXCEED	57	DF	.035	LB A/A	MP	97	77	0	97	77	77
7	ACCENT	75	WG	.023	LB A/A	MP						
7	ACTIVATOR 90			.25	% V/V	MP						
8	EXCEED	57	DF	.035	LB A/A	LP	97	80	0	97	87	77
8	ACCENT	75	WG	.023	LB A/A	LP						
8	ACTIVATOR 90			.25	% V/V	LP						
9	SAN 1318H	5.5	EC	1.375	LB A/A	PRE	97	73	0	97	73	73
10	Weedy Check						0	0	0	0	0	0
	LSD (P=.05)						7.2	19.4	0.0	7.2	18.6	22.8
	Standard Deviation						4.2	11.3	0.0	4.2	10.8	13.3
	CV						4.79	16.44	.	4.79	15.45	19.4

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CORN POSTEMERGENCE IT

Trial ID: C6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	PHBPU
	Weed Code									
	Crop Code									
	Part Rated									
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date									
	Footnote Number									
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P
	# Subsamples, Dec.						0	0	0	0
1	RESOLVE	75	SG	.251	LB A/A	MP	0	97	97	90
1	ACCENT	75	WG	.015	LB A/A	MP				
1	ACTIVATOR 90			.25	% V/V	MP				
1	LIQUID N		L	1	QT/A	MP				
2	RESOLVE	75	SG	.251	LB A/A	LP	0	90	93	90
2	ACCENT	75	WG	.015	LB A/A	LP				
2	ACTIVATOR 90			.25	% V/V	LP				
2	LIQUID N		L	1	QT/A	LP				
3	LIGHTNING	70	DG	.056	LB A/A	MP	0	87	93	90
3	ACTIVATOR 90			.25	% V/V	MP				
3	LIQUID N		L	1	QT/A	MP				
4	LIGHTNING	70	DG	.056	LB A/A	LP	0	90	90	90
4	ACTIVATOR 90			.25	% V/V	LP				
4	LIQUID N		L	1	QT/A	LP				
5	LIGHTNING	70	DG	.056	LB A/A	MP	0	97	97	93
5	SUNIT		L	.75	QT/A	MP				
5	LIQUID N		L	1	QT/A	MP				
6	LIGHTNING	70	DG	.056	LB A/A	LP	0	93	93	93
6	SUNIT		L	.75	QT/A	LP				
6	LIQUID N		L	1	QT/A	LP				
7	EXCEED	57	DF	.035	LB A/A	MP	0	80	90	90
7	ACCENT	75	WG	.023	LB A/A	MP				
7	ACTIVATOR 90			.25	% V/V	MP				
8	EXCEED	57	DF	.035	LB A/A	LP	0	80	90	90
8	ACCENT	75	WG	.023	LB A/A	LP				
8	ACTIVATOR 90			.25	% V/V	LP				
9	SAN 1318H	5.5	EC	1.375	LB A/A	PRE	0	100	100	90
10	Weedy Check						0	0	0	0
	LSD (P=.05)						0.0	11.7	6.4	4.2
	Standard Deviation						0.0	6.8	3.7	2.4
	CV						.	8.4	4.39	2.98

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE IT

Trial ID: C6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**CHEAL **3.**PHBPU

Crop 1: ZEAMX **Variety:** ICI 8326IT **Planting Date:** 5-13-96
Planting Method: CONVENTIONAL **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 60 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	6-4-96	6-13-96			
Time of Day:	1 PM	11 AM	2 PM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	LP			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	51 F	58 F	78 F			
% Relative Humidity:	50	80	70			
Wind Velocity, Unit:	5 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	60 F	67 F	80 G			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	15	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP	LP			
		4 LVS	6 LVS			
		8 IN	20 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6 LVS			
		4 IN	6 IN			
CHEAL		4-5 LVS	5 LVS			
		2-3 IN	5 IN			
PHBPU		3 LVS	6 LVS			
		4 IN	8 IN			

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE IT

Trial ID: C6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

	APPLICATION EQUIPMENT					
	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT II

Trial ID: C6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	SIDSP	AMACH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	CHEAL	PHBPU	SIDSP	AMACH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	SCEPTER/PURSUIT	70	WG	.25	LB A/A	PPI	100	90	10	97	100	87	80	100
2	SCEPTER/PURSUIT	70	WG	.25	LB A/A	PRE	100	93	8	100	100	93	93	100
3	SCEPTER/PURSUIT	70	WG	.25	LB A/A	1LF	100	90	50	100	100	90	100	100
3	ACTIVATOR 90			.25	% V/V	1LF								
3	LIQUID N		L	1	QT/A	1LF								
4	SCEPTER/PURSUIT	70	WG	.126	LB A/A	PPI	97	90	5	97	97	87	87	100
4	FRONTIER	6	E	.75	LB A/A	PPI								
5	SCEPTER/PURSUIT	70	WG	.126	LB A/A	PRE	100	90	0	100	100	87	97	100
5	FRONTIER	6	E	.75	LB A/A	PRE								
6	SCEPTER/PURSUIT	70	WG	.126	LB A/A	1LF	100	93	90	100	100	90	100	100
6	FRONTIER	6	E	.75	LB A/A	1LF								
6	ACTIVATOR 90			.25	% V/V	1LF								
6	LIQUID N		L	1	QT/A	1LF								
7	SCEPTER/PURSUIT	70	WG	.126	LB A/A	PRE	100	90	3	100	100	90	90	100
7	PROWL	3.3	EC	.84	LB A/A	PRE								
8	SCEPTER/PURSUIT	70	WG	.126	LB A/A	1LF	100	97	87	100	100	97	100	100
8	PROWL	3.3	EC	.84	LB A/A	1LF								
8	ACTIVATOR 90			.25	% V/V	1LF								
8	LIQUID N		L	1	QT/A	1LF								
9	ATRAZINE	4	F	1	LB A/A	PPI	100	90	0	100	100	87	77	100
9	SURPASS	6.4	EC	1	LB A/A	PPI								
10	ATRAZINE	4	F	1	LB A/A	PRE	100	93	0	100	100	97	93	100
10	SURPASS	6.4	EC	1	LB A/A	PRE								
11	SAN 1318H	5.5	EC	1.375	LB A/A	PRE	100	90	3	100	100	87	97	100
12	Weedy Check						0	0	0	0	0	0	0	0
	LSD (P=.05)						2.8	5.4	6.9	4.1	2.8	6.4	8.7	0.0
	Standard Deviation						1.7	3.2	4.1	2.4	1.7	3.8	5.1	0.0
	CV						1.82	3.84	19.05	2.65	1.82	4.6	6.07	0.0

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT II

Trial ID: C6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	CHEAL	PHBPU	SIDSP	AMACH
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	SCEPTER/PURSUIT	70	WG	.25	LB A/A	PPI	7	97	100	87	83	100
2	SCEPTER/PURSUIT	70	WG	.25	LB A/A	PRE	3	100	100	93	93	100
3	SCEPTER/PURSUIT	70	WG	.25	LB A/A	1LF	43	100	100	90	100	100
3	ACTIVATOR 90			.25	% V/V	1LF						
3	LIQUID N		L	1	QT/A	1LF						
4	SCEPTER/PURSUIT	70	WG	.126	LB A/A	PPI	0	97	97	90	87	100
4	FRONTIER	6	E	.75	LB A/A	PPI						
5	SCEPTER/PURSUIT	70	WG	.126	LB A/A	PRE	0	100	100	90	97	100
5	FRONTIER	6	E	.75	LB A/A	PRE						
6	SCEPTER/PURSUIT	70	WG	.126	LB A/A	1LF	90	100	100	77	100	100
6	FRONTIER	6	E	.75	LB A/A	1LF						
6	ACTIVATOR 90			.25	% V/V	1LF						
6	LIQUID N		L	1	QT/A	1LF						
7	SCEPTER/PURSUIT	70	WG	.126	LB A/A	PRE	2	100	100	90	90	100
7	PROWL	3.3	EC	.84	LB A/A	PRE						
8	SCEPTER/PURSUIT	70	WG	.126	LB A/A	1LF	83	100	100	97	100	100
8	PROWL	3.3	EC	.84	LB A/A	1LF						
8	ACTIVATOR 90			.25	% V/V	1LF						
8	LIQUID N		L	1	QT/A	1LF						
9	ATRAZINE	4	F	1	LB A/A	PPI	0	100	100	87	80	100
9	SURPASS	6.4	EC	1	LB A/A	PPI						
10	ATRAZINE	4	F	1	LB A/A	PRE	0	100	100	100	97	100
10	SURPASS	6.4	EC	1	LB A/A	PRE						
11	SAN 1318H	5.5	EC	1.375	LB A/A	PRE	0	100	100	90	97	100
12	Weedy Check						0	0	0	0	0	0
	LSD (P=.05)						7.1	4.1	2.8	5.9	10.0	0.0
	Standard Deviation						4.2	2.4	1.7	3.5	5.9	0.0
	CV						22.14	2.65	1.82	4.22	6.9	0.0

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT II

Trial ID: C6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.CHEAL 3.PHBPU
4.SIDSP 5.AMACH

Crop 1: ZEAMX **Variety:** ICI 8326IT **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 60 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	5-13-96	5-24-96			
Time of Day:	10 AM	2 PM	11 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PPI	PRE	1 LF			
Applic. Placement:	SURFACE	SURFACE	FOLIAR			
Air Temp., Unit:	46 F	51 F	70 F			
% Relative Humidity:	68	50	80			
Wind Velocity, Unit:	4 MPH	4.5 MPH	4 MPH			
Soil Temp., Unit:	56 F	61 F	75 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	15	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX			1LF			
			1LF			
			2 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT II

Trial ID: C6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA			2 LVS			
			1 IN			
			10 M2			
CHEAL			4 LVS			
			1 IN			
			8 M2			
PHBPU			2 LVS			
			1 IN			
			2 M2			
SIDSP			3 LVS			
			1 IN			
			2 M2			
AMACH			2 LVS			
			1 IN			
			5 M2			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Incorporation Equip.:	F.CULTIVA					
Hours to Incorp.:	.5					
Incorp. Depth, Unit:	1.5 IN					
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (ROUNDUP READY)

Trial ID: C6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	67	0	100	65	100	100	97
2	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	100	80	0	100	78	100	100	98
3	ROUNDUP ULTRA	4	AS	1	LB A/A	3"W	100	80	3	100	82	100	100	100
4	HARNESS	7	EC	2	LB A/A	PRE	100	92	0	100	92	100	100	100
4	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W								
5	HARNESS	7	EC	2	LB A/A	PRE	100	97	0	100	97	100	100	100
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W								
6	HARNESS	7	EC	2	LB A/A	PRE	100	98	2	100	97	100	100	100
6	ROUNDUP ULTRA	4	AS	1	LB A/A	3"W								
7	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	72	8	100	70	100	100	97
7	MON 8435	7.5	E	1	LB A/A	3"W								
8	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	77	3	100	75	100	100	100
8	MON 8435	7.5	E	1.25	LB A/A	3"W								
9	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	100	97	0	100	97	100	100	100
9	ATRAZINE	4	F	.75	LB A/A	3"W								
10	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	100	0	100	100	100	100	100
10	ATRAZINE	4	F	1	LB A/A	3"W								
11	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	100	95	0	100	97	100	100	98
11	ATRAZINE	4	F	1.25	LB A/A	3"W								
12	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	78	3	100	78	100	100	100
12	PERMIT	75	DF	.032	LB A/A	3"W								
13	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	100	82	0	100	83	100	100	100
13	PERMIT	75	DF	.032	LB A/A	3"W								
14	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	85	3	100	85	100	100	100
14	BANVEL	4	EC	.25	LB A/A	3"W								
15	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	100	85	3	100	85	100	100	100
15	BANVEL	4	EC	.125	LB A/A	3"W								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (ROUNDUP READY)

Trial ID: C6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
16	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	76	0	100	74	100	100	100
16	HARNESS	7	EC	1	LB A/A	3"W								
16	PERMIT	75	DF	.032	LB A/A	3"W								
17	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	98	10	100	98	100	100	100
17	HARNESS XTRA	5.6	EC	1.81	LB A/A	3"W								
18	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	67	5	100	67	100	100	100
18	ROUNDUP ULTRA	4	AS	.5	LB A/A	+3"W								
19	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	100	67	0	100	67	100	100	100
19	ROUNDUP ULTRA	4	AS	.75	LB A/A	+3"W								
20	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	100	73	0	100	73	100	100	98
20	ROUNDUP ULTRA	4	AS	.5	LB A/A	+3"W								
21	BULLET	4	F	4	LB A/A	PRE	100	100	0	100	100	100	100	100
22	GUARDSMAN	5	E	2.75	LB A/A	PRE	100	100	0	100	100	100	100	100
23	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	100	0	100	100	100	100	100
24	HARNESS	7	EC	2	LB A/A	PRE	100	87	0	100	87	100	100	100
24	PERMIT	75	DF	.032	LB A/A	3"W								
24	ACTIVATOR 90			.25	% V/V	3"W								
	LSD (P=.05)						0.0	7.5	7.1	0.0	7.8	0.0	0.0	3.1
	Standard Deviation						0.0	4.5	4.3	0.0	4.8	0.0	0.0	1.9
	CV						0.0	5.29	246.28	0.0	5.58	0.0	0.0	1.88

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (ROUNDUP READY)

Trial ID: C6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
	Weed Code						ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	0	85	40	97	99	96	0	87	40	96
2	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	0	90	70	100	100	93	0	90	70	100
3	ROUNDUP ULTRA	4	AS	1	LB A/A	3"W	3	85	83	100	98	93	0	88	78	100
4	HARNESS	7	EC	2	LB A/A	PRE	0	95	85	100	100	92	0	95	83	100
4	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W										
5	HARNESS	7	EC	2	LB A/A	PRE	0	95	92	100	100	96	0	93	83	100
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W										
6	HARNESS	7	EC	2	LB A/A	PRE	5	88	93	95	100	95	0	88	93	95
6	ROUNDUP ULTRA	4	AS	1	LB A/A	3"W										
7	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	8	95	50	100	100	90	0	95	50	100
7	MON 8435	7.5	E	1	LB A/A	3"W										
8	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	5	97	63	100	100	88	0	97	63	100
8	MON 8435	7.5	E	1.25	LB A/A	3"W										
9	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	0	95	95	100	100	96	0	95	95	100
9	ATRAZINE	4	F	.75	LB A/A	3"W										
10	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	0	96	98	100	100	100	0	96	98	100
10	ATRAZINE	4	F	1	LB A/A	3"W										
11	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	0	95	90	100	100	96	0	95	90	100
11	ATRAZINE	4	F	1.25	LB A/A	3"W										
12	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	3	92	72	100	100	96	0	93	73	100
12	PERMIT	75	DF	.032	LB A/A	3"W										
13	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	0	95	88	100	100	100	0	95	88	100
13	PERMIT	75	DF	.032	LB A/A	3"W										
14	ROUNDUP ULTRA	4	AS	.5	LB A/A	3"W	0	92	95	100	92	98	0	92	95	100
14	BANVEL	4	EC	.25	LB A/A	3"W										
15	ROUNDUP ULTRA	4	AS	.75	LB A/A	3"W	3	87	95	95	90	95	0	87	95	95
15	BANVEL	4	EC	.125	LB A/A	3"W										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (ROUNDUP READY)

Trial ID: C6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-10-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**IPOHE **3.**CHEAL
4.AMACH **5.**ABUTH

Crop 1: ZEAMX **Variety:** ROUNDUP READY **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 67 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3 **% Sand:** 9.2 **% Silt:** 50 **% Clay:** 41
pH: 6.5 **CEC:** 15.2 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-10-96	5-31-96	6-17-96			
Time of Day:	11 AM	1 PM	10:30 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	3" WEEDS	3"W+3WKS			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	70 F	69 F	74 F			
% Relative Humidity:	78	60	85			
Wind Velocity, Unit:	4 MPH	4 MPH	4.4 MPH			
Soil Temp., Unit:	67 F	68 F	78 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	15	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		3" WEEDS	3"W+3WKS			
		4 LVS	5 LVS			
		8 IN	20 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (ROUNDUP READY)

Trial ID: C6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6 LVS			
		4 IN	6 IN			
IPOHE		3 LVS	6 LVS			
		4 IN	8 IN			
CHEAL		5-6 LVS	7 LVS			
		2-3 IN	5-6 IN			
AMACH		4-5 LVS	7 LVS			
		2-3 IN	6 IN			
ABUTH		4 LVS	6 LVS			
		2-4 IN	7 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE JOHNSONGRASS ROUNDUP

Trial ID: C6019 Investigator:
Location: Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
	Crop Code																
	Part Rated																
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																
	Footnote Number																
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	88	85	0	88	85	0	80	77	0	80	77
2	ROUNDUP ULTRA	4	AS	1	LB A/A	V4	95	98	0	95	98	0	68	92	0	68	92
3	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	92	99	0	93	99	0	67	98	0	67	98
3	ATRAZINE	4	F	.75	LB A/A	V4											
4	ROUNDUP ULTRA	4	AS	1	LB A/A	V4	98	100	0	98	100	0	77	100	0	77	100
4	ATRAZINE	4	F	1	LB A/A	V4											
5	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	92	100	3	92	99	0	85	99	0	85	99
5	HARNESS XTRA	5.6	EC	1.81	LB A/A	V4											
6	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	96	97	0	96	97	0	70	85	0	70	85
6	ROUNDUP ULTRA	4	AS	.5	LB A/A	POD											
7	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	98	100	7	98	100	0	92	99	0	92	99
7	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4											
8	ACCENT	75	WG	.031	LB A/A	V4	87	75	0	87	75	0	83	80	0	83	80
8	COC		L	1	QT/A	V4											
8	LIQUID N		L	1	QT/A	V4											
	LSD (P=.05)						7.5	20.5	4.9	7.2	20.5	0.0	14.0	22.8	0.0	14.0	22.8
	Standard Deviation						4.3	11.7	2.8	4.1	11.7	0.0	8.0	13.0	0.0	8.0	13.0
	CV						4.62	12.42	222.54	4.38	12.43	.	10.28	14.28	.	10.28	14.28

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE JOHNSONGRASS ROUNDUP

Trial ID: C6019 Investigator:
Location: Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**CHEAL

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Variety: ROUNDUP READY

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.19 **% Sand:** 7.7 **% Silt:** 66 **% Clay:** 26
pH: 5.5 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	6-4-96	6-18-96			
Time of Day:	11 AM	10 AM	11 AM			
Application Method:	BROADCAST	BROADCAST	BOADCAST			
Application Timing:	PRE	V4	POD			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	69 F	58 F	74 F			
% Relative Humidity:	80	70	80			
Wind Velocity, Unit:	4 MPH	3.8 MPH	4 MPH			
Soil Temp., Unit:	74 F	64 F	76 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	15	10	15			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		V4	POD			
		5 LVS	8 LVS			
		20 IN	30 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA		5 LVS	7 LVS			
		10 IN	15 IN			
CHEAL		5-6 LVS	7-8 LVS			
		3-4 IN	6-7 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE JOHNSONGRASS ROUNDUP

Trial ID: C6019 Investigator:
Location: Study Dir.: Charles H. Slack

	APPLICATION EQUIPMENT											
	A		B		C		D		E		F	
Appl. Equipment:	4 WHEELER		BACKPACK		BACKPACK							
Operating Pressure:	30		30		30							
Nozzle Type:	FAN		FAN		FAN							
Nozzle Size:	8004	DG	8004	DG	8004	DG						
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN						
Boom Length, Unit:	5	FT	5	FT	30	IN						
Boom Height, Unit:	19	IN	19	IN	19	IN						
Ground Speed, Unit:	4	MPH	4	MPH	4	MPH						
Carrier:	WATER		WATER		WATER							
Spray Volume, Unit:	25	GPA	25	GPA	25	GPA						
Propellant:	CO2		CO2		CO2							

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6020 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH
	Weed Code						GGGG	BBBB	ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	MP	98	100	0	97	98	100	100	100
1	ATRAZINE	4	F	1	LB A/A	MP								
1	CHOICE		L	1	QT/A	MP								
2	LIBERTY	1.67	E	.27	LB A/A	MP	68	72	0	63	90	72	83	83
2	CHOICE		L	1	QT/A	MP								
2	LIBERTY	1.67	E	.27	LB A/A	+2W								
2	CHOICE		L	1	QT/A	+2W								
3	LIBERTY	1.67	E	.36	LB A/A	MP	73	82	0	67	92	73	93	98
3	CHOICE		L	1	QT/A	MP								
3	LIBERTY	1.67	E	.36	LB A/A	+2W								
3	CHOICE		L	1	QT/A	+2W								
4	ATRAZINE	4	F	1.5	LB A/A	PRE	88	92	0	87	95	83	100	100
4	LIBERTY	1.67	E	.36	LB A/A	MP								
4	CHOICE		L	1	QT/A	MP								
5	LIBERTY	1.67	E	.36	LB A/A	MP	85	85	0	77	92	75	98	97
5	CHOICE		L	1	QT/A	MP								
5	CUTIVATION					+2W								
6	DUAL II	7.8	EC	2	LB A/A	PRE	100	85	0	100	100	75	97	100
6	LIBERTY	1.67	E	.36	LB A/A	MP								
6	CHOICE		L	1	QT/A	MP								
7	ACCENT	75	WG	.031	LB A/A	MP	82	83	10	77	87	82	92	100
7	BUCTRIL	2	EC	.25	LB A/A	MP								
7	X-77			.25	% V/V	MP								
7	LIQUID N		L	1	QT/A	MP								
8	BICEP II	5.9	F	3.2	LB A/A	PRE	98	88	0	100	98	85	95	100
9	FRONTIER	6	E	.94	LB A/A	PRE	100	90	3	100	100	83	100	100
9	LIBERTY	1.67	E	.36	LB A/A	MP								
9	CHOICE		L	1	QT/A	MP								
10	FRONTIER	6	E	.9	LB A/A	PRE	100	98	17	100	100	97	100	100
10	LIBERTY	1.67	E	.36	LB A/A	MP								
10	CLARITY	4	E	.5	LB A/A	MP								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6020 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH
	Weed Code						GGGG	BBBB	ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
11	LIBERTY	1.67	E	.36	LB A/A	MP	92	100	12	83	98	100	100	100
11	CLARITY	4	E	.5	LB A/A	MP								
12	FRONTIER	6	E	1.2	LB A/A	PRE	100	85	3	100	100	80	100	100
12	LIBERTY	1.67	E	.36	LB A/A	MP								
12	CHOICE		L	1	QT/A	MP								
13	FRONTIER	6	E	1.2	LB A/A	PRE	100	97	15	100	100	97	100	100
13	CLARITY	4	E	.5	LB A/A	MP								
14	HANDWEEDED						0	0	0	0	0	0	0	0
15	Weedy Check						0	0	0	0	0	0	0	0
16	LIBERTY	1.67	E	.36	LB A/A	MP	83	88	78	75	92	85	97	100
16	CHOICE		L	1	QT/A	MP								
16	NON-TRANSFORMED													
	LSD (P=.05)						7.9	5.6	4.9	7.5	5.7	7.3	9.9	6.5
	Standard Deviation						4.7	3.4	2.9	4.5	3.4	4.4	5.9	3.9
	CV						5.96	4.34	33.67	5.85	4.07	5.89	6.99	4.52

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CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6020 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH	ZEAMX	ELEIN	SETFA	IPOHE
	Weed Code						ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH	ZEAMX	ELEIN	SETFA	IPOHE
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	MP	0	97	97	100	100	100	0	97	97	100
1	ATRAZINE	4	F	1	LB A/A	MP										
1	CHOICE		L	1	QT/A	MP										
2	LIBERTY	1.67	E	.27	LB A/A	MP	0	65	90	78	92	90	0	72	90	78
2	CHOICE		L	1	QT/A	MP										
2	LIBERTY	1.67	E	.27	LB A/A	+2W										
2	CHOICE		L	1	QT/A	+2W										
3	LIBERTY	1.67	E	.36	LB A/A	MP	0	78	92	87	98	98	0	82	92	87
3	CHOICE		L	1	QT/A	MP										
3	LIBERTY	1.67	E	.36	LB A/A	+2W										
3	CHOICE		L	1	QT/A	+2W										
4	ATRAZINE	4	F	1.5	LB A/A	PRE	0	72	80	77	100	100	0	63	82	77
4	LIBERTY	1.67	E	.36	LB A/A	MP										
4	CHOICE		L	1	QT/A	MP										
5	LIBERTY	1.67	E	.36	LB A/A	MP	0	62	77	73	95	97	0	62	77	73
5	CHOICE		L	1	QT/A	MP										
5	CUTIVATION					+2W										
6	DUAL II	7.8	EC	2	LB A/A	PRE	0	98	98	62	87	92	0	98	98	62
6	LIBERTY	1.67	E	.36	LB A/A	MP										
6	CHOICE		L	1	QT/A	MP										
7	ACCENT	75	WG	.031	LB A/A	MP	3	67	88	68	92	93	0	72	88	68
7	BUCTRIL	2	EC	.25	LB A/A	MP										
7	X-77			.25	% V/V	MP										
7	LIQUID N		L	1	QT/A	MP										
8	BICEP II	5.9	F	3.2	LB A/A	PRE	0	97	97	77	98	98	0	98	98	77
9	FRONTIER	6	E	.94	LB A/A	PRE	0	95	97	78	95	95	0	95	97	78
9	LIBERTY	1.67	E	.36	LB A/A	MP										
9	CHOICE		L	1	QT/A	MP										
10	FRONTIER	6	E	.9	LB A/A	PRE	7	98	98	88	100	100	0	98	98	88
10	LIBERTY	1.67	E	.36	LB A/A	MP										
10	CLARITY	4	E	.5	LB A/A	MP										

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CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6020 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ELEIN	SETFA	IPOHE	CHEAL	AMACH	ZEAMX	ELEIN	SETFA	IPOHE
	Weed Code															
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
11	LIBERTY	1.67	E	.36	LB A/A	MP	3	70	95	93	100	100	0	70	93	93
11	CLARITY	4	E	.5	LB A/A	MP										
12	FRONTIER	6	E	1.2	LB A/A	PRE	0	100	100	68	93	93	0	100	100	72
12	LIBERTY	1.67	E	.36	LB A/A	MP										
12	CHOICE		L	1	QT/A	MP										
13	FRONTIER	6	E	1.2	LB A/A	PRE	2	100	100	90	100	100	0	100	100	95
13	CLARITY	4	E	.5	LB A/A	MP										
14	HANDWEEDED						0	0	0	0	0	0	0	0	0	0
15	Weedy Check						0	0	0	0	0	0	0	0	0	0
16	LIBERTY	1.67	E	.36	LB A/A	MP	37	33	78	80	83	83	10	30	78	80
16	CHOICE		L	1	QT/A	MP										
16	NON-TRANSFORMED															
	LSD (P=.05)						4.2	17.1	6.1	13.4	7.2	8.3	0.0	13.0	6.6	13.0
	Standard Deviation						2.5	10.3	3.7	8.0	4.3	5.0	0.0	7.8	3.9	7.8
	CV						78.91	14.51	4.57	11.46	5.21	5.95	0.0	11.01	4.9	11.06

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6020 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.ELEIN 2.SETFA 3.IPOHE
4.CHEAL 5.AMACH

Crop 1: ZEAMX **Variety:** LIBERTY LINK **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 58 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 6.7 **% Silt:** 63 **% Clay:** 30
pH: 6.3 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	6-4-96	6-19-96			
Time of Day:	2 PM	11 AM	2:30 PM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	+2WKS			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	53 F	58 F	82 F			
% Relative Humidity:	41	70	66			
Wind Velocity, Unit:	4.2 MPH	4.6 MPH	5 MPH			
Soil Temp., Unit:	61 F	68 F	86 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	15	10	15			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP	MP+2WKS			
		4 LVS	6 LVS			
		8 IN	18 IN			

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CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6020 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ELEIN		4LVS	6 LVS			
		4IN	6 IN			
SETFA		4LVS	6 LVS			
		4 IN	6 IN			
IPOHE		3 LVS	6 LVS			
		4 IN	8 IN			
CHEAL		5-6 LVS	6 LVS			
		4-5 IN	6-7 IN			
AMACH		4-6 LVS	7-8 LVS			
		5 IN	6-8 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

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CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	MP	93	99	0	93	98	99	99	99
1	ATRAZINE	4	F	1	LB A/A	MP								
1	CHOICE		L	1	QT/A	MP								
2	LIBERTY	1.67	E	.27	LB A/A	MP	65	43	0	65	90	65	40	47
2	CHOICE		L	1	QT/A	MP								
2	LIBERTY	1.67	E	.27	LB A/A	+2W								
2	CHOICE		L	1	QT/A	+2W								
3	LIBERTY	1.67	E	.36	LB A/A	MP	73	67	0	73	87	77	57	75
3	CHOICE		L	1	QT/A	MP								
3	LIBERTY	1.67	E	.36	LB A/A	+2W								
3	CHOICE		L	1	QT/A	+2W								
4	ATRAZINE	4	F	1.5	LB A/A	PRE	99	96	0	99	96	98	99	99
4	LIBERTY	1.67	E	.36	LB A/A	MP								
4	CHOICE		L	1	QT/A	MP								
5	LIBERTY	1.67	E	.36	LB A/A	MP	77	70	3	77	83	78	68	70
5	CHOICE		L	1	QT/A	MP								
5	CUTIVATION					+2W								
6	DUAL II	7.8	EC	2	LB A/A	PRE	99	78	0	99	73	88	99	70
6	LIBERTY	1.67	E	.36	LB A/A	MP								
6	CHOICE		L	1	QT/A	MP								
7	ACCENT	75	WG	.031	LB A/A	MP	75	73	12	75	95	92	98	68
7	BUCTRIL	2	EC	.25	LB A/A	MP								
7	X-77			.25	% V/V	MP								
7	LIQUID N		L	1	QT/A	MP								
8	BICEP II	5.9	F	3.2	LB A/A	PRE	99	60	0	99	40	99	99	50
9	FRONTIER	6	E	.94	LB A/A	PRE	98	82	0	98	72	91	98	75
9	LIBERTY	1.67	E	.36	LB A/A	MP								
9	CHOICE		L	1	QT/A	MP								
10	FRONTIER	6	E	.9	LB A/A	PRE	99	96	12	99	96	99	99	99
10	LIBERTY	1.67	E	.36	LB A/A	MP								
10	CLARITY	4	E	.5	LB A/A	MP								

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CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	IPOHE	CHEAL	AMACH	ABUTH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
11	LIBERTY	1.67	E	.36	LB A/A	MP	58	65	3	58	65	66	66	63
11	CLARITY	4	E	.5	LB A/A	MP								
12	FRONTIER	6	E	1.2	LB A/A	PRE	99	70	0	99	63	93	99	77
12	LIBERTY	1.67	E	.36	LB A/A	MP								
12	CHOICE		L	1	QT/A	MP								
13	FRONTIER	6	E	1.2	LB A/A	PRE	99	88	7	99	90	99	99	94
13	CLARITY	4	E	.5	LB A/A	MP								
14	HANDWEEDED						28	30	2	28	33	33	33	30
15	Weedy Check						0	0	0	0	0	0	0	0
16	LIBERTY	1.67	E	.36	LB A/A	MP	77	70	72	75	77	85	77	68
16	CHOICE		L	1	QT/A	MP								
16	NON-TRANSFORMED													
	LSD (P=.05)						31.7	34.5	5.2	31.5	36.9	35.8	36.1	37.5
	Standard Deviation						19.0	20.7	3.1	18.9	22.1	21.5	21.7	22.5
	CV						24.56	30.4	45.6	24.44	30.57	27.24	28.19	33.2

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CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	IPOHE	CHEAL	AMARE	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
Weed Code							ZEAMX	SETFA	IPOHE	CHEAL	AMARE	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
Crop Code																
Part Rated																
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	MP	0	92	95	99	99	98	0	93	95	99
1	ATRAZINE	4	F	1	LB A/A	MP										
1	CHOICE		L	1	QT/A	MP										
2	LIBERTY	1.67	E	.27	LB A/A	MP	0	75	87	73	53	67	0	78	87	73
2	CHOICE		L	1	QT/A	MP										
2	LIBERTY	1.67	E	.27	LB A/A	+2W										
2	CHOICE		L	1	QT/A	+2W										
3	LIBERTY	1.67	E	.36	LB A/A	MP	0	92	90	90	90	90	0	93	90	90
3	CHOICE		L	1	QT/A	MP										
3	LIBERTY	1.67	E	.36	LB A/A	+2W										
3	CHOICE		L	1	QT/A	+2W										
4	ATRAZINE	4	F	1.5	LB A/A	PRE	0	99	96	96	99	98	0	99	96	96
4	LIBERTY	1.67	E	.36	LB A/A	MP										
4	CHOICE		L	1	QT/A	MP										
5	LIBERTY	1.67	E	.36	LB A/A	MP	0	72	73	77	40	60	0	72	73	77
5	CHOICE		L	1	QT/A	MP										
5	CUTIVATION					+2W										
6	DUAL II	7.8	EC	2	LB A/A	PRE	0	96	75	83	96	72	0	96	75	83
6	LIBERTY	1.67	E	.36	LB A/A	MP										
6	CHOICE		L	1	QT/A	MP										
7	ACCENT	75	WG	.031	LB A/A	MP	13	81	96	93	98	70	13	83	96	93
7	BUCTRIL	2	EC	.25	LB A/A	MP										
7	X-77			.25	% V/V	MP										
7	LIQUID N		L	1	QT/A	MP										
8	BICEP II	5.9	F	3.2	LB A/A	PRE	0	96	33	96	96	27	0	96	33	96
9	FRONTIER	6	E	.94	LB A/A	PRE	0	92	77	82	95	75	0	92	80	77
9	LIBERTY	1.67	E	.36	LB A/A	MP										
9	CHOICE		L	1	QT/A	MP										
10	FRONTIER	6	E	.9	LB A/A	PRE	7	93	78	99	94	92	7	93	78	99
10	LIBERTY	1.67	E	.36	LB A/A	MP										
10	CLARITY	4	E	.5	LB A/A	MP										

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CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	IPOHE	CHEAL	AMARE	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
	Weed Code						ZEAMX	SETFA	IPOHE	CHEAL	AMARE	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
11	LIBERTY	1.67	E	.36	LB A/A	MP	0	55	78	65	62	63	0	57	80	63
11	CLARITY	4	E	.5	LB A/A	MP										
12	FRONTIER	6	E	1.2	LB A/A	PRE	0	96	68	80	90	60	0	96	68	80
12	LIBERTY	1.67	E	.36	LB A/A	MP										
12	CHOICE		L	1	QT/A	MP										
13	FRONTIER	6	E	1.2	LB A/A	PRE	0	94	80	98	98	82	0	96	80	96
13	CLARITY	4	E	.5	LB A/A	MP										
14	HANDWEEDED						0	22	0	32	32	30	0	22	0	32
15	Weedy Check						0	0	0	0	0	0	0	0	0	0
16	LIBERTY	1.67	E	.36	LB A/A	MP	42	65	77	72	27	40	42	65	77	72
16	CHOICE		L	1	QT/A	MP										
16	NON-TRANSFORMED															
	LSD (P=.05)						11.8	30.4	23.0	35.8	36.5	40.5	11.8	30.4	22.4	35.3
	Standard Deviation						7.1	18.2	13.8	21.5	21.9	24.3	7.1	18.3	13.4	21.2
	CV						183.4	23.92	20.04	27.88	30.0	37.99	183.4	23.71	19.36	27.61

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	IPOHE	CHEAL	AMARE	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
	Weed Code						ZEAMX	SETFA	IPOHE	CHEAL	AMARE	ABUTH	ZEAMX	SETFA	IPOHE	CHEAL
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
11	LIBERTY	1.67	E	.36	LB A/A	MP	0	55	78	65	62	63	0	57	80	63
11	CLARITY	4	E	.5	LB A/A	MP										
12	FRONTIER	6	E	1.2	LB A/A	PRE	0	96	68	80	90	60	0	96	68	80
12	LIBERTY	1.67	E	.36	LB A/A	MP										
12	CHOICE		L	1	QT/A	MP										
13	FRONTIER	6	E	1.2	LB A/A	PRE	0	94	80	98	98	82	0	96	80	96
13	CLARITY	4	E	.5	LB A/A	MP										
14	HANDWEEDED						0	22	0	32	32	30	0	22	0	32
15	Weedy Check						0	0	0	0	0	0	0	0	0	0
16	LIBERTY	1.67	E	.36	LB A/A	MP	42	65	77	72	27	40	42	65	77	72
16	CHOICE		L	1	QT/A	MP										
16	NON-TRANSFORMED															
	LSD (P=.05)						11.8	30.4	23.0	35.8	36.5	40.5	11.8	30.4	22.4	35.3
	Standard Deviation						7.1	18.2	13.8	21.5	21.9	24.3	7.1	18.3	13.4	21.2
	CV						183.4	23.92	20.04	27.88	30.0	37.99	183.4	23.71	19.36	27.61

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.IPOHE 3.CHEAL
4.AMACH 5.ABUTH

Crop 1: ZEAMX **Variety:** LIBERTY LINK **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 59 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.91 **% Sand:** 7.4 **% Silt:** 67 **% Clay:** 25
pH: 5.9 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96	6-4-96	6-19-96			
Time of Day:	2:30 PM	11:30 AM	2 PM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	+2WKS			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	53 F	58 F	82 F			
% Relative Humidity:	41	70	66			
Wind Velocity, Unit:	4.2 MPH	4.6 MPH	5 MPH			
Soil Temp., Unit:	61 F	68 F	86 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	15	10	15			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP	MP+2WKS			
		4 LVS	6 LVS			
		8 IN	18 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY) II

Trial ID: C6020-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6LVS			
		4 IN	6 IN			
IPOHE		3 LVS	6 LVS			
		4 IN	8 IN			
CHEAL		5-6 LVS	5 LVS			
		2-3 IN	5 IN			
AMACH		4-6 LVS	7-8 LVS			
		2-3 IN	6-8 IN			
ABUTH		4 LVS	6 LVS			
		2-4 IN	6-8 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS (LIBERTY)

Trial ID: C6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
	Crop Code																
	Part Rated																
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																
	Footnote Number																
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	12J	93	98	0	93	98	0	78	98	0	78	98
2	LIBERTY	1.67	E	.36	LB A/A	12J	95	100	0	95	100	0	82	99	0	82	99
2	CHOICE		L	1	QT/A	12J											
3	LIBERTY	1.67	E	.27	LB A/A	12J	93	33	0	93	33	0	78	33	0	78	33
3	LIBERTY	1.67	E	.27	LB A/A	20C											
4	LIBERTY	1.67	E	.27	LB A/A	12J	93	53	0	93	53	0	92	53	0	92	53
4	CHOICE		L	1	QT/A	12J											
4	LIBERTY	1.67	E	.27	LB A/A	20C											
4	CHOICE		L	1	QT/A	20C											
5	LIBERTY	1.67	E	.36	LB A/A	12J	83	83	0	83	83	0	82	82	0	82	82
5	LIBERTY	1.67	E	.27	LB A/A	20C											
6	LIBERTY	1.67	E	.36	LB A/A	12J	93	95	3	93	95	3	93	95	3	93	95
6	CHOICE		L	1	QT/A	12J											
6	LIBERTY	1.67	E	.27	LB A/A	20C											
6	CHOICE		L	1	QT/A	20C											
7	LIBERTY	1.67	E	.27	LB A/A	12J	92	68	3	92	68	0	95	60	0	95	60
7	ACCENT	75	WG	.016	LB A/A	12J											
7	COC		L	1	QT/A	12J											
8	LIBERTY	1.67	E	.27	LB A/A	12J	93	86	12	93	86	0	91	83	0	91	83
8	ACCENT	75	WG	.016	LB A/A	12J											
8	COC		L	1	QT/A	12J											
8	CHOICE		L	1	QT/A	12J											
9	ACCENT	75	WG	.016	LB A/A	12J	93	88	5	93	88	0	88	87	0	88	87
9	BEACON	75	DF	.018	LB A/A	12J											
9	COC		L	1	QT/A	12J											
9	LIQUID N		L	1	QT/A	12J											
10	ACCENT	75	WG	.036	LB A/A	12J	87	87	3	87	87	0	90	83	0	90	83
	LSD (P=.05)						8.8	12.3	7.2	8.9	12.3	3.1	16.0	13.0	3.1	16.0	13.0
	Standard Deviation						5.1	7.2	4.2	5.2	7.2	1.8	9.3	7.6	1.8	9.3	7.6
	CV						5.63	9.07	156.87	5.64	9.07	547.72	10.73	9.81	547.72	10.73	9.81

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS (LIBERTY)

Trial ID: C6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**CHEAL

Crop 1: ZEAMX **Variety:** LIBERTY LINK **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 60 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-22-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.19 **% Sand:** 7.7 **% Silt:** 66 **% Clay:** 26
pH: 5.5 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-4-96	6-17-96				
Time of Day:	2:30 PM	11 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	12"J	20"C				
Applic. Placement:	FOLIAR	FOLIAR				
Air Temp., Unit:	67 F	75 F				
% Relative Humidity:	70	70				
Wind Velocity, Unit:	4.2 MPH	4.5 MPH				
Soil Temp., Unit:	71 F	78 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	15	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	12"J	20"C				
Stage Scale:	4 LVS	6 LVS				
Height, Unit:	10 IN	20 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SORHA Stage:	4 LVS	6 LVS				
Stage Scale:	12 IN	15 IN				
Weed 2 CHEAL Stage:	5-6 LVS	6-7 LVS				
Stage Scale:	2-3 IN	5-6 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS (LIBERTY)

Trial ID: C6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C	D	E	F
Appl. Equipment:	BACKPACK		BACKPACK					
Operating Pressure:	30		30					
Nozzle Type:	FAN		FAN					
Nozzle Size:	8004	DG	8004	DG				
Nozzle Spacing, Unit:	20	IN	20	IN				
Boom Length, Unit:	5	FT	5	FT				
Boom Height, Unit:	19	IN	19	IN				
Ground Speed, Unit:	4	MPH	4	MPH				
Carrier:	WATER		WATER					
Spray Volume, Unit:	25	GPA	25	GPA				
Propellant:	CO2		CO2					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg											
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
	Crop Code																
	Part Rated																
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																
	Footnote Number																
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	POAST PLUS	1	E	.19	LB A/A	18J	75	98	0	75	98	0	60	95	0	60	95
1	ATRAZINE	4	F	1	LB A/A	18J											
1	LIQUID N		L	2.5	QT/A	18J											
2	POAST PLUS	1	E	.19	LB A/A	18J	82	97	0	82	97	0	63	97	0	63	97
2	ATRAZINE	4	F	1.5	LB A/A	18J											
2	LIQUID N		L	2.5	QT/A	18J											
3	POAST PLUS	1	E	.19	LB A/A	18J	77	90	0	77	90	0	63	90	0	63	90
3	X-77			.25	% V/V	18J											
3	LIQUID N		L	2.5	QT/A	18J											
4	POAST PLUS	1	E	.28	LB A/A	18J	87	80	0	87	82	0	95	70	0	95	70
4	X-77			.25	% V/V	18J											
4	LIQUID N		L	2.5	QT/A	18J											
5	POAST PLUS	1	E	.19	LB A/A	18J	82	83	0	82	83	0	78	95	0	78	95
5	X-77			.25	% V/V	18J											
5	LIQUID N		L	2.5	QT/A	18J											
5	POAST PLUS	1	E	.19	LB A/A	+2W											
5	X-77			.25	% V/V	+2W											
5	LIQUID N		L	2.5	QT/A	+2W											
6	POAST PLUS	1	E	.19	LB A/A	18J	73	100	0	73	100	0	57	93	0	57	93
6	LADDOK	5	FL	1	LB A/A	18J											
6	LIQUID N		L	2.5	QT/A	18J											
7	ACCENT	75	WG	.016	LB A/A	18J	82	95	0	83	95	0	60	80	0	60	80
7	BEACON	75	DF	.018	LB A/A	18J											
7	COC		L	1	QT/A	18J											
7	LIQUID N		L	1	QT/A	18J											
8	FRONTIER	6	E	.94	LB A/A	MP	88	68	0	88	68	0	98	65	0	98	65
8	POAST PLUS	1	E	.19	LB A/A	18J											
9	FRONTIER	6	E	1.2	LB A/A	PRE	85	82	0	85	82	0	82	65	0	82	65
9	POAST PLUS	1	E	.19	LB A/A	MP											
9	CLARITY	4	E	.25	LB A/A	MP											

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
Weed Code							GGGG	BBBB	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL	ZEAMX	SORHA	CHEAL
Crop Code																	
Part Rated																	
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																	
Footnote Number																	
Trt-Eval Interval							2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0	0
10	FRONTIER	6	E	.94	LB A/A	MP	87	78	0	87	78	0	95	68	0	95	68
10	CLARITY	4	E	.5	LB A/A	MP											
10	ACCENT	75	WG	.016	LB A/A	MP											
10	COC		L	1	QT/A	MP											
LSD (P=.05)							11.8	12.8	0.0	12.2	13.0	0.0	15.2	13.8	0.0	15.2	13.8
Standard Deviation							6.9	7.5	0.0	7.1	7.6	0.0	8.9	8.1	0.0	8.9	8.1
CV							8.4	8.57	.	8.7	8.68	.	11.79	9.85	.	11.79	9.85

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SORHA 2.CHEAL

Crop 1: ZEAMX **Variety:** CARGILL 7800SR **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 55 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.19 **% Sand:** 7.7 **% Silt:** 66 **% Clay:** 26
pH: 5.5 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	6-4-96	6-4-96	6-19-96		
Time of Day:	11 AM	10 AM	10 AM	1 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	PRE	18" J	MP	MP+2WK		
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR		
Air Temp., Unit:	52 F	56 F	56 F	81 F		
% Relative Humidity:	75	80	80	78		
Wind Velocity, Unit:	4 MPH	4.4 MPH	4.4 MPH	4.5 MPH		
Soil Temp., Unit:	55 F	67 F	67 F	85 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	10	15	15	20		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		18" J	MP	MP+2WK		
		4 LVS	4 LVS	6 LVS		
		8 IN	8 IN	18 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA		18 IN	18 IN	20 IN		
		5 LVS	5 LVS	6 LVS		
CHEAL		3 IN	3 IN	4-5 IN		
		5-6 LVS	5-6 LVS	6-7 LVS		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL CORN STALKLAND

Trial ID: C6004 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
Weed Code							GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
Crop Code																
Part Rated																
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
1	BULLET	4	F	4	LB A/A	PRE	87	83	0	87	90	83	0	87	73	87
1	ROUNDUP	4	AS	1	LB A/A	PRE										
1	ACTIVATOR 90			.5	% V/V	PRE										
2	BULLET	4	F	4	LB A/A	PRE	87	83	0	83	87	93	0	87	90	97
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
3	BICEP II	5.9	F	3.5	LB A/A	PRE	87	80	3	97	77	93	0	97	73	97
3	ROUNDUP	4	AS	1	LB A/A	PRE										
3	ACTIVATOR 90			.5	% V/V	PRE										
4	BICEP II	5.9	F	3.5	LB A/A	PRE	83	73	0	100	80	83	0	100	73	87
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
5	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	80	93	0	90	83	100	0	93	83	100
5	ROUNDUP	4	AS	1	LB A/A	PRE										
5	ACTIVATOR 90			.5	% V/V	PRE										
6	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	90	87	0	93	83	90	0	90	80	93
6	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
7	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	80	80	0	97	83	90	0	87	83	90
7	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
7	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
8	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	93	90	0	100	87	93	0	100	73	93
8	ATRAZINE	4	F	.5	LB A/A	PRE										
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
8	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
9	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	97	90	0	100	80	100	0	97	80	100
9	PRINCEP	4	F	1	LB A/A	PRE										
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
9	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
10	HARNESS XTRA	5.6	EC	4.242	LB A/A	PRE	87	93	0	100	90	97	0	100	80	97
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
10	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
11	BULLET	4	F	4	LB A/A	PRE	80	87	0	93	73	90	0	97	73	90
11	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
11	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										

Dept. of Agronomy, Univ. of KY
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NO-TILL CORN STALKLAND

Trial ID: C6004 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
12	EXTRAZINE	90	DF	4	LB A/A	PRE	80	77	3	87	87	83	0	90	83	90
12	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
12	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
13	EXTRAZINE	90	DF	3.6	LB A/A	PRE	73	77	7	100	73	97	0	100	73	100
13	ACCENT	75	WG	.031	LB A/A	MP										
13	COC		L	1	QT/A	MP										
13	LIQUID N		L	1	QT/A	MP										
14	BICEP II	5.9	F	3.6	LB A/A	PRE	80	70	0	100	70	93	0	97	70	100
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
14	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
15	GUARDSMAN	5	E	2.8	LB A/A	PRE	87	80	0	90	83	90	0	90	73	90
15	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
15	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
16	SURPASS 100	5	SC	3	LB A/A	PRE	53	80	3	70	83	97	0	67	83	97
16	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
16	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
17	TOPNOTCH	3.2	CS	2	LB A/A	PRE	83	83	0	97	80	87	0	90	73	93
17	ATRAZINE	4	F	1.5	LB A/A	PRE										
17	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
18	AXIOM	68	DF	.77	LB A/A	PRE	80	83	0	97	77	97	0	97	77	93
18	ATRAZINE	4	F	1.5	LB A/A	PRE										
18	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
19	AXIOM	68	DF	.77	LB A/A	PRE	73	70	0	90	77	67	0	90	77	90
19	BROADSTRIKE PLUS	85.6	WG	.21	LB A/A	PRE										
19	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
20	AXIOM	68	DF	.85	LB A/A	PRE	73	80	0	87	77	93	0	83	77	100
20	BROADSTRIKE PLUS	85.6	WG	.21	LB A/A	PRE										
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
21	AXIOM	68	DF	.77	LB A/A	PRE	73	87	7	100	87	97	0	100	80	97
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
21	MARKSMAN	3.2	F	1.4	LB A/A	6"C										

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NO-TILL CORN STALKLAND

Trial ID: C6004 Investigator:
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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
22	AXIOM	68	DF	.85	LB A/A	PRE	97	90	3	100	87	100	0	100	87	100
22	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
22	MARKSMAN	3.2	F	1.4	LB A/A	6"C										
23	DUAL II	7.8	EC	2	LB A/A	PRE	93	100	0	100	97	100	0	100	97	100
23	SENCOR	75	DF	.188	LB A/A	PRE										
23	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
23	MARKSMAN	3.2	F	1.4	LB A/A	6"C										
24	BROADSTRIKE + DUAL S	7.75	SC	1.74	LB A/A	PRE	60	90	3	57	87	97	0	60	90	100
24	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
25	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	83	87	0	73	93	100	0	80	77	93
25	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
26	TOPNOTCH	3.2	CS	2	LB A/A	PRE	87	90	0	87	90	100	0	80	90	100
26	BROADSTRIKE PLUS	85.6	WG	.21	LB A/A	PRE										
26	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
27	TOPNOTCH	3.2	CS	2	LB A/A	PRE	90	90	3	90	83	97	0	87	80	97
27	BROADSTRIKE PLUS	85.6	WG	.26	LB A/A	PRE										
27	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
28	TOPNOTCH	3.2	CS	2	LB A/A	PRE	83	83	7	87	83	93	0	83	77	100
28	ATRAZINE	4	F	1.5	LB A/A	PRE										
28	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
29	ICIA 5676/ATRAZINE	4	CS	2.7	LB A/A	PRE	93	80	7	97	83	80	0	97	83	100
29	ATRAZINE	4	F	.42	LB A/A	PRE										
29	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
29	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
29	COC		L	1	QT/A	PRE										
30	ICIA 5676/ATRAZINE	4	CS	3.3	LB A/A	PRE	80	73	0	90	67	93	0	87	80	100
30	ATRAZINE	4	F	.18	LB A/A	PRE										
30	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
30	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
30	COC		L	1	QT/A	PRE										

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NO-TILL CORN STALKLAND

Trial ID: C6004 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
Weed Code							GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
Crop Code																
Part Rated																
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
31	ICIA 5676/ATRAZINE	4	CS	3.3	LB A/A	PRE	100	87	0	100	87	87	0	90	77	97
31	ATRAZINE	4	F	.18	LB A/A	PRE										
31	PRINCEP	4	F	.5	LB A/A	PRE										
31	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
31	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
31	COC		L	1	QT/A	PRE										
32	TOPNOTCH	3.2	CS	1.8	LB A/A	PRE	83	87	0	90	87	90	0	90	80	97
32	ATRAZINE	4	F	1.5	LB A/A	PRE										
32	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
32	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
32	COC		L	1	QT/A	PRE										
33	TOPNOTCH	3.2	CS	1.6	LB A/A	PRE	80	80	0	93	87	97	0	97	83	97
33	ATRAZINE	4	F	1.5	LB A/A	PRE										
33	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
33	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
33	COC		L	1	QT/A	PRE										
34	TOPNOTCH	3.2	CS	2	LB A/A	PRE	97	83	0	97	90	80	0	97	73	83
34	ATRAZINE	4	F	1.5	LB A/A	PRE										
34	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
34	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
34	COC		L	1	QT/A	PRE										
35	SURPASS 100	5	SC	3.125	LB A/A	PRE	87	80	0	93	83	83	0	93	87	97
35	ATRAZINE	90	WG	.25	LB A/A	PRE										
35	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	PRE										
35	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
35	COC		L	1	QT/A	PRE										
36	CGA-77102	7.64	EC	1.25	LB A/A	PRE	83	73	0	93	77	93	0	87	67	93
36	ATRAZINE	4	F	1.5	LB A/A	PRE										
36	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
37	CGA-77102	7.64	EC	1.56	LB A/A	PRE	97	97	0	97	90	97	0	87	90	100
37	ATRAZINE	4	F	1.5	LB A/A	PRE										
37	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										

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NO-TILL CORN STALKLAND

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
38	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	43	93	3	50	93	90	0	97	93	90
38	ACCENT	75	WG	.031	LB A/A	MP										
38	COC		L	1	QT/A	MP										
38	LIQUID N		L	1	QT/A	MP										
39	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	37	93	3	37	87	100	0	53	87	100
39	BEACON	75	WG	.036	LB A/A	MP										
39	COC		L	1	QT/A	MP										
39	LIQUID N		L	1	QT/A	MP										
40	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	37	93	0	40	90	100	0	97	90	100
40	ACCENT	75	WG	.016	LB A/A	MP										
40	BEACON	75	DF	.018	LB A/A	MP										
40	COC		L	1	QT/A	MP										
40	LIQUID N		L	1	QT/A	MP										
41	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	53	90	0	43	90	93	0	43	97	100
41	EXCEED	57	DF	.036	LB A/A	MP										
41	COC		L	1	QT/A	MP										
41	LIQUID N		L	1	QT/A	MP										
42	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	33	90	0	57	83	100	0	97	97	100
42	EXCEED	57	DF	.018	LB A/A	MP										
42	ACCENT	75	WG	.016	LB A/A	MP										
42	COC		L	1	QT/A	MP										
42	LIQUID N		L	1	QT/A	MP										
43	ICIA 5676/ATRAZINE	4	CS	2.7	LB A/A	PRE	93	80	0	97	73	93	0	90	67	97
43	ATRAZINE	4	F	.42	LB A/A	PRE										
43	TOUCHDOWN	6	EC	1	LB A/A	PRE										
43	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
43	COC		L	1	QT/A	PRE										
44	ICIA 5676/ATRAZINE	4	CS	3.3	LB A/A	PRE	100	77	0	100	77	93	0	93	70	90
44	ATRAZINE	4	F	.18	LB A/A	PRE										
44	TOUCHDOWN	6	EC	1	LB A/A	PRE										
44	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
44	COC		L	1	QT/A	PRE										

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
45	ICIA 5676/ATRAZINE	4	CS	3.3	LB A/A	PRE	80	73	0	100	63	90	0	100	70	90
45	ATRAZINE	4	F	.18	LB A/A	PRE										
45	PRINCEP	4	F	.5	LB A/A	PRE										
45	TOUCHDOWN	6	EC	1	LB A/A	PRE										
45	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
45	COC		L	1	QT/A	PRE										
46	TOPNOTCH	3.2	CS	1.8	LB A/A	PRE	100	87	0	100	80	100	0	93	73	93
46	ATRAZINE	4	F	1.5	LB A/A	PRE										
46	TOUCHDOWN	6	EC	1	LB A/A	PRE										
46	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
46	COC		L	1	QT/A	PRE										
47	TOPNOTCH	3.2	CS	1.6	LB A/A	PRE	83	83	0	97	90	83	0	97	77	93
47	ATRAZINE	4	F	1.5	LB A/A	PRE										
47	TOUCHDOWN	6	EC	1	LB A/A	PRE										
47	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
47	COC		L	1	QT/A	PRE										
48	TOPNOTCH	3.2	CS	2	LB A/A	PRE	93	80	7	97	77	97	0	97	70	97
48	ATRAZINE	4	F	1.5	LB A/A	PRE										
48	TOUCHDOWN	6	EC	1	LB A/A	PRE										
48	WEEDONE LV4	3.8	E	.47	LB A/A	PRE										
48	COC		L	1	QT/A	PRE										
49	SURPASS 100	5	SC	3.125	LB A/A	PRE	83	77	0	87	90	77	0	87	80	100
49	ATRAZINE	90	WG	.25	LB A/A	PRE										
49	TOUCHDOWN	6	EC	1	LB A/A	PRE										
49	WEEDONE LV4	3.8	E	.5	LB A/A	PRE										
49	COC		L	1	QT/A	PRE										
50	FRONTIER	6	E	1.3	LB A/A	PRE	77	97	0	90	97	97	0	87	97	97
50	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
50	MARKSMAN	3.2	F	1.4	LB A/A	6"C										
51	FRONTIER	6	E	1.3	LB A/A	PRE	83	97	13	93	97	100	0	83	83	100
51	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
51	CLARITY	4	E	.5	LB A/A	6"C										
51	ACTIVATOR 90			.25	% V/V	6"C										
51	LIQUID N		L	2	QT/A	6"C										

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
Weed Code							GGGG	BBBB	ZEAMX	SETFA	AMPAL	ABUTH	ZEAMX	SETFA	AMPAL	ABUTH
Crop Code																
Part Rated																
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
52	GUARDSMAN	5	E	2.8	LB A/A	PRE	80	90	17	100	90	100	0	100	83	100
52	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
52	CLARITY	4	E	.5	LB A/A	6"C										
52	ACTIVATOR 90			.25	% V/V	6"C										
52	LIQUID N		L	2	QT/A	6"C										
53	GUARDSMAN	5	E	2.8	LB A/A	PRE	93	87	7	100	80	100	0	90	77	93
53	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
53	MARKSMAN	3.2	F	1.4	LB A/A	6"C										
54	ROUNDUP ULTRA	4	AS	1	QT/A	PRE	73	100	7	77	93	100	0	83	93	100
54	MARKSMAN	3.2	F	1.4	LB A/A	6"C										
LSD (P=.05)							21.6	15.7	7.2	18.2	18.4	15.2	0.0	18.3	18.1	12.7
Standard Deviation							13.3	9.7	4.4	11.3	11.4	9.4	0.0	11.3	11.2	7.9
CV							16.57	11.46	231.92	12.77	13.57	10.14	.	12.63	13.91	8.22

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NO-TILL CORN STALKLAND

Trial ID: C6004 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-9-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMPAL 3.ABUTH

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-9-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** NO-TILL
Soil Temperature: 66 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-18-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 5 **% Sand:** 13 **% Silt:** 60 **% Clay:** 27
pH: 6.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-9-96	6-6-96	5-29-96			
Time of Day:	2 PM	11 AM	2 PM			
Application Method:	BROADCAST	BROADCAST	BROADCST			
Application Timing:	PRE	MP	6" C			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	81 F	65 F	68 F			
% Relative Humidity:	59	75	82			
Wind Velocity, Unit:	4.8 MPH	3 MPH	4 MPH			
Soil Temp., Unit:	66 F	73 F	70 F			
Soil Moisture:	WET	WET	WET			
% Cloud Cover:	15	10	20			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	PRE	MP	6"C			
		4 LVS	3 LVS			
		8 IN	6 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	3 LVS			
		4 IN	1-2 IN			
AMPAL		6 LVS	4 LVS			
		5-6 IN	4-5 IN			
ABUTH		4 LVS	3 LVS			
		2-4 IN	1-2 IN			

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NO-TILL CORN STALKLAND

Trial ID: C6004 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

	APPLICATION EQUIPMENT											
	A		B		C		D		E		F	
Appl. Equipment:	4 WHEELER		BACKPACK		BACKPACK							
Operating Pressure:	30		30		30							
Nozzle Type:	FAN		FAN		FAN							
Nozzle Size:	8004	DG	8004	DG	8004	DG						
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN						
Boom Length, Unit:	5	FT	5	FT	5	FT						
Boom Height, Unit:	19	IN	19	IN	19	IN						
Ground Speed, Unit:	4	MPH	4	MPH	4	MPH						
Carrier:	WATER		WATER		WATER							
Spray Volume, Unit:	25	GPA	25	GPA	25	GPA						
Propellant:	CO2		CO2		CO2							

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL CORN II (BALANCE)

Trial ID: 96J13 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
	Weed Code						ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
	Crop Code																
	Part Rated																
	Rating Data Type						INJURY	INJURY	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						5-29-96	6-3-96	6-3-96								
	Footnote Number																
	Trt-Eval Interval						V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	75	50	0	75	50	0	75	50
1	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
2	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	77	50	0	77	50	0	77	47
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
3	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	83	73	0	83	75	0	83	70
3	TOPNOTCH	3.2	CS	1	LB A/A	PRE											
3	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
4	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	85	80	0	85	80	0	85	83
4	TOPNOTCH	3.2	CS	1	LB A/A	PRE											
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
5	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	82	80	0	82	83	0	80	83
5	TOPNOTCH	3.2	CS	1.5	LB A/A	PRE											
5	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
6	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	87	80	0	87	90	0	87	90
6	TOPNOTCH	3.2	CS	1.5	LB A/A	PRE											
6	AATREX-DF	90	DF	1.25	LB A/A	PRE											
6	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
7	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	90	70	0	90	80	0	90	67
7	DUAL II	7.8	EC	1.25	LB A/A	PRE											
7	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
8	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	90	60	0	90	60	0	90	62
8	DUAL II	7.8	EC	1.25	LB A/A	PRE											
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
9	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	92	73	0	92	75	0	92	67
9	DUAL II	7.8	EC	1.875	LB A/A	PRE											
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
10	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	88	83	0	88	87	0	88	87
10	AATREX-DF	90	DF	1.25	LB A/A	PRE											
10	DUAL II	7.8	EC	1.25	LB A/A	PRE											
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											

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NO-TILL CORN II (BALANCE)

Trial ID: 96J13 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
Weed Code							ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
Crop Code																	
Part Rated																	
Rating Data Type							INJURY	INJURY	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							5-29-96	6-3-96	6-3-96								
Footnote Number																	
Trt-Eval Interval							V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0	0
11	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	82	80	0	82	83	0	80	83
11	AATREX-DF	90	DF	1.25	LB A/A	PRE											
11	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
12	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	80	80	0	80	83	0	83	83
12	AATREX-DF	90	DF	2	LB A/A	PRE											
12	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
13	DUAL II	7.8	EC	2	LB A/A	PRE	0	0	0	90	73	0	90	87	0	90	87
13	AATREX-DF	90	DF	2	LB A/A	PRE											
13	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
14	BICEP II	5.9	F	3.6	LB A/A	PRE	0	0	0	83	90	0	83	90	0	83	90
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
15	WEEDY CHECK						0	0	0	0	0	0	0	0	0	0	0
15	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE											
LSD (P=.05)							0.0	0.0	0.0	12.8	14.3	0.0	12.8	12.6	0.0	13.6	15.3
Standard Deviation							0.0	0.0	0.0	7.7	8.5	0.0	7.7	7.5	0.0	8.1	9.1
CV							.	.	.	9.71	12.5	.	9.71	10.49	.	10.3	13.09

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NO-TILL CORN II (BALANCE)

Trial ID: 96J13 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON, **State/Prov.:** KY. **Postal Code:** 40536

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** NO-TILL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.2 **% Sand:** 13 **% Silt:** 55 **% Clay:** 32
pH: 6.6 **CEC:** 20 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96					
Time of Day:	1 PM					
Application Method:	BROADCAST					
Application Timing:	PRE					
Applic. Placement:	SURFACE					
Air Temp., Unit:	53 F					
% Relative Humidity:	60					
Wind Velocity, Unit:	3 MPH					
Soil Temp., Unit:	57 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	20					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	24 GPA					
Propellant:	CO2					

Dept. of Agronomy, Univ. of KY
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NO-TILL CORN III (BALANCE)

Trial ID: 96J13-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	SETFA	CAGSE	ABUTH	ZEAMX	SETFA	CAGSE	ABUTH
Weed Code							ZEAMX	ZEAMX	ZEAMX	SETFA	CAGSE	ABUTH	ZEAMX	SETFA	CAGSE	ABUTH
Crop Code																
Part Rated																
Rating Data Type							INJURY	INJURY	STUNT	CONTROL	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							5-29-96	6-3-96								
Footnote Number																
Trt-Eval Interval							V1	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
1	Weedy Check						0	0	0	10	10	33	0	10	10	33
1	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
2	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	23	37	100	0	23	37	100
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
3	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	30	60	100	0	30	60	100
3	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
4	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	33	33	100	0	33	33	100
4	TOPNOTCH	3.2	CS	1	LB A/A	PRE										
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
5	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	50	50	100	0	50	50	100
5	TOPNOTCH	3.2	CS	1	LB A/A	PRE										
5	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
6	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	40	60	100	0	40	60	100
6	TOPNOTCH	3.2	CS	1.5	LB A/A	PRE										
6	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
7	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	47	33	100	0	47	33	100
7	TOPNOTCH	3.2	CS	1.5	LB A/A	PRE										
7	AATREX-DF	90	DF	1.25	LB A/A	PRE										
7	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
8	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	47	37	100	0	47	37	100
8	DUAL II	7.8	EC	1.25	LB A/A	PRE										
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
9	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	47	40	100	0	47	40	100
9	DUAL II	7.8	EC	1.25	LB A/A	PRE										
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
10	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	43	10	100	0	43	10	100
10	DUAL II	7.8	EC	1.875	LB A/A	PRE										
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
11	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	40	43	100	0	40	43	100
11	AATREX-DF	90	DF	1.25	LB A/A	PRE										
11	DUAL II	7.8	EC	1.25	LB A/A	PRE										
11	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL CORN III (BALANCE)

Trial ID: 96J13-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	SETFA	CAGSE	ABUTH	ZEAMX	SETFA	CAGSE	ABUTH
Weed Code																
Crop Code																
Part Rated																
Rating Data Type							INJURY	INJURY	STUNT	CONTROL	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							5-29-96	6-3-96								
Footnote Number																
Trt-Eval Interval							V1	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
12	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	50	63	100	0	50	63	100
12	AATREX-DF	90	DF	1.25	LB A/A	PRE										
12	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
13	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	50	47	100	0	50	47	100
13	AATREX-DF	90	DF	2	LB A/A	PRE										
13	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
14	DUAL II	7.8	EC	2	LB A/A	PRE	0	0	0	53	43	100	0	53	43	100
14	AATREX-DF	90	DF	2	LB A/A	PRE										
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
15	BICEP II	5.9	F	3.6	LB A/A	PRE	0	0	0	50	53	100	0	50	53	100
15	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
16	WEEDY CHECK						0	0	0	0	0	0	0	0	0	0
16	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
LSD (P=.05)							0.0	0.0	0.0	26.5	41.9	24.1	0.0	26.5	41.9	24.1
Standard Deviation							0.0	0.0	0.0	15.9	25.1	14.4	0.0	15.9	25.1	14.4
CV							.	.	.	41.49	64.8	16.11	.	41.49	64.8	16.11

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL CORN III (BALANCE)

Trial ID: 96J13-2 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 5-13-96 **Country:** USA
City: LEXINGTON, **State/Prov.:** KY. **Postal Code:** 40546

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-13-96
Planting Method: NO-TILL **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** NO-TILL
Soil Temperature: 58 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: NO-TIL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.8 **% Sand:** 7 **% Silt:** 44 **% Clay:** 49
pH: 6.0 **CEC:** 15 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-13-96					
Time of Day:	10 AM					
Application Method:	BROADCAST					
Application Timing:	PRE					
Applic. Placement:	SURFACE					
Air Temp., Unit:	49 F					
% Relative Humidity:	74					
Wind Velocity, Unit:	4 MPH					
Soil Temp., Unit:	56 G					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	10					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	24 GPA					
Propellant:	CO2					

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	BICEP II	5.9	F	4.4	LB A/A	4WK	47	30	0	47	30	0	40	30
1	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
2	SURPASS 100	5	SC	3.75	LB A/A	4WK	30	47	0	30	30	0	30	30
2	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
3	HARNESS XTRA	5.6	EC	3.5	LB A/A	4WK	20	70	0	20	70	0	20	70
3	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
4	GUARDSMAN	5	E	2.8	LB A/A	4WK	40	40	0	40	40	0	40	40
4	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
5	BICEP II	5.9	F	3.5	LB A/A	PRE	83	67	0	83	67	0	83	63
5	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
6	SURPASS 100	5	SC	3	LB A/A	PRE	73	57	0	73	57	0	73	50
6	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
7	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	70	67	0	50	67	0	70	67
7	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
8	GUARDSMAN	5	E	2.8	LB A/A	PRE	70	37	0	70	37	0	60	37
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
9	DUAL II	7.8	EC	2	LB A/A	4WK	30	80	0	30	80	0	23	80
9	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
9	PEAK	57	WG	.036	LB A/A	EP								
9	COC			1	QT/A	EP								
10	TOPNOTCH	3.2	CS	2	LB A/A	4WK	47	80	0	47	80	0	47	80
10	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
10	PEAK	57	WG	.036	LB A/A	EP								
10	COC			1	QT/A	EP								
11	FRONTIER	6	E	1.4	LB A/A	4WK	10	80	0	10	80	0	10	80
11	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
11	PEAK	57	WG	.036	LB A/A	EP								
11	COC			1	QT/A	EP								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
12	SURPASS	6.4	EC	2	LB A/A	4WK	27	80	0	27	80	0	17	80
12	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
12	PEAK	57	WG	.036	LB A/A	EP								
12	COC			1	QT/A	EP								
13	HARNESS	7	EC	2	LB A/A	4WK	23	83	0	23	83	0	23	83
13	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
13	PEAK	57	WG	.036	LB A/A	EP								
13	COC			1	QT/A	EP								
14	DUAL II	7.8	EC	2	LB A/A	2WK	33	83	0	33	83	0	33	83
14	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
14	PEAK	57	WG	.036	LB A/A	EP								
14	COC			1	QT/A	EP								
15	TOPNOTCH	3.2	CS	1.8	LB A/A	2WK	50	83	0	50	83	0	40	83
15	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
15	PEAK	57	WG	.036	LB A/A	EP								
15	COC			1	QT/A	EP								
16	FRONTIER	6	E	1.4	LB A/A	2WK	47	80	0	47	80	0	33	80
16	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
16	PEAK	57	WG	.036	LB A/A	EP								
16	COC			1	QT/A	EP								
17	SURPASS	6.4	EC	1.8	LB A/A	2WK	20	83	0	20	83	0	20	83
17	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
17	PEAK	57	WG	.036	LB A/A	EP								
17	COC			1	QT/A	EP								
18	HARNESS	7	EC	2	LB A/A	2WK	33	80	0	33	80	0	27	80
18	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
18	PEAK	57	WG	.036	LB A/A	EP								
18	COC			1	QT/A	EP								
19	DUAL II	7.8	EC	2	LB A/A	PRE	70	87	0	70	87	0	63	87
19	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
19	PEAK	57	WG	.036	LB A/A	EP								
19	COC			1	QT/A	EP								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
20	TOPNOTCH	3.2	CS	1.6	LB A/A	PRE	70	90	0	70	90	0	53	90
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
20	PEAK	57	WG	.036	LB A/A	EP								
20	COC			1	QT/A	EP								
21	FRONTIER	6	E	1.4	LB A/A	PRE	70	90	0	70	90	0	60	90
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
21	PEAK	57	WG	.036	LB A/A	EP								
21	COC			1	QT/A	EP								
22	SURPASS	6.4	EC	1.6	LB A/A	PRE	60	87	0	60	87	0	53	87
22	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
22	PEAK	57	WG	.036	LB A/A	EP								
22	COC			1	QT/A	EP								
23	HARNESS	7	EC	2	LB A/A	PRE	67	90	0	67	90	0	57	90
23	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
23	PEAK	57	WG	.036	LB A/A	EP								
23	COC			1	QT/A	EP								
24	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	23	43	0	23	43	0	23	43
24	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
24	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								
25	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	33	47	0	33	47	0	33	47
25	ATRAZINE	4	F	.37	LB A/A	4WK								
25	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
25	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								
26	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	47	50	0	47	50	0	47	50
26	PRINCEP	4	F	1	LB A/A	4WK								
26	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
26	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								
27	HARNESS XTRA	5.6	EC	4.2	LB A/A	4WK	23	43	0	23	43	0	23	43
27	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
27	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								
28	BULLET	4	F	4	LB A/A	4WK	40	53	0	40	53	0	40	53
28	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
28	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
Weed Code							GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
Crop Code														
Part Rated														
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date														
Footnote Number														
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0
29	EXTRAZINE	90	DF	4	LB A/A	4WK	50	50	0	50	50	0	50	50
29	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
29	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								
30	MARKSMAN	3.2	F	3.13	LB A/A	4WK	27	70	0	27	70	0	27	70
30	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK								
30	WEEDONE LV4	3.6	E	.5	LB A/A	4WK								
31	ICIA 5676/ATRAZINE	4	CS	3.3	LB A/A	4WK	40	30	0	40	30	0	40	30
31	ATRAZINE	4	F	.18	LB A/A	4WK								
31	GRAMOXONE EXTRA	2.5	AS	.625	LB A/A	4WK								
31	WEEDONE LV4	3.8	E	.47	LB A/A	4WK								
31	X-77			.25	% V/V	4WK								
32	FRONTIER	6	E	1.4	LB A/A	2WK	83	90	0	83	90	0	80	90
32	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
32	MARKSMAN	3.2	F	1.4	LB A/A	6"C								
33	FRONTIER	6	E	1.4	LB A/A	2WK	63	87	0	63	87	0	57	87
33	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
33	CLARITY	4	E	.5	LB A/A	6"C								
33	X-77			.25	% V/V	6"C								
33	LIQUID N			2	QT/A	6"C								
34	GUARDSMAN	5	E	2.8	LB A/A	2WK	73	87	3	73	87	3	73	83
34	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
34	CLARITY	4	E	.5	LB A/A	6"C								
34	X-77			.25	% V/V	6"C								
34	LIQUID N			2	QT/A	6"C								
35	GUARDSMAN	5	E	2.8	LB A/A	2WK	90	97	0	90	97	0	90	97
35	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
35	MARKSMAN	3.2	F	1.4	LB A/A	6"C								
36	SAN1412H	6	EC	1.5	LB A/A	2WK	50	83	0	50	83	0	50	87
36	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK								
36	BANVEL	4	EC	.25	LB A/A	6"C								
37	SAN1412H	6	EC	1.5	LB A/A	2WK	53	87	0	53	87	0	53	87
37	ROUNDUP ULTRA	4	AS	.75	LB A/A	2WK								
37	BANVEL	4	EC	.25	LB A/A	6"C								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
Weed Code							GGGG	BBBB	ZEAMX	SETFA	XANST	ZEAMX	SETFA	XANST
Crop Code														
Part Rated														
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date														
Footnote Number														
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0
38	SAN1412H	6	EC	1.5	LB A/A	2WK	60	87	3	60	87	3	50	87
38	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK								
38	BANVEL	4	EC	.25	LB A/A	6"C								
38	WEEDAR 64	3.8	E	.5	LB A/A	6"C								
LSD (P=.05)							21.8	23.7	2.1	23.5	23.8	2.1	20.5	23.8
Standard Deviation							13.3	14.5	1.3	14.4	14.6	1.3	12.5	14.6
CV							27.45	20.65	744.71	29.88	20.83	744.71	27.83	20.96

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-10-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**XANST

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** NO-TILL
Soil Temperature: 65 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-19-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 28 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	4-11-96	4-25-96	5-10-96	5-29-96	5-31-96	
Time of Day:	1 PM	2 PM	11 AM	2 PM	3PM	
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
Application Timing:	4 WK	2 WK	PRE	EP	6"C	
Applic. Placement:	SURFACE	SURFACE	SURFACE	FOLIAR	FOLIAR	
Air Temp., Unit:	68 F	70 F	76 F	67 F	76 F	
% Relative Humidity:	34	35	65	82	55	
Wind Velocity, Unit:	4.5 MPH	5 MPH	4 MPH	5 MPH	4 MPH	
Soil Temp., Unit:	53 F	56 F	65 F	70 F	70 G	
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	
% Cloud Cover:	20	15	15	20	10	

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	4 WK	2 WK	PRE	EP	6"C	
				2 LVS	3 LVS	
				6 IN	6 IN	

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA			1 LF	2 LVS	3 LVS	
			1 IN	2 IN	3 IN	
XANST			1 LF	3 LVS	4 LVS	
			1 IN	2 IN	3 IN	

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT

Trial ID: C6007 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER	BACKPACK	BACKPACK	
Operating Pressure:	30	30	30	30	30	
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	
Boom Length, Unit:	6.33 FT	6.33 FT	6.33 FT	6.33 FT	6.33 FT	
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	
Carrier:	WATER	WATER	WATER	WATER	WATER	
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA	
Propellant:	CO2	CO2	CO2	CO2	CO2	

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	40	93	0	40	90	97	97
1	ROUNDUP	4	AS	1	LB A/A	4WK							
1	X-77			.5	% V/V	4WK							
2	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	27	70	3	23	67	97	80
2	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK							
3	BULLET	4	F	4	LB A/A	4WK	30	87	0	27	87	93	87
3	ROUNDUP	4	AS	1	LB A/A	4WK							
3	X-77			.5	% V/V	4WK							
4	BULLET	4	F	4	LB A/A	4WK	37	83	0	33	80	100	83
4	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK							
5	BICEP II	5.9	F	4.4	LB A/A	4WK	73	73	0	70	73	83	90
5	ROUNDUP	4	AS	1	LB A/A	4WK							
5	X-77			.5	% V/V	4WK							
6	BICEP II	5.9	F	4.4	LB A/A	4WK	80	90	0	90	93	90	90
6	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK							
7	BICEP II	5.9	F	3.5	LB A/A	2WK	90	87	0	87	93	90	87
7	ROUNDUP	4	AS	1	LB A/A	2WK							
7	X-77			.25	% V/V	2WK							
8	BICEP II	5.9	F	3.5	LB A/A	2WK	70	77	0	67	83	87	87
8	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK							
9	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK	87	97	7	83	93	100	100
9	WEEDONE LV4	3.8	E	.5	LB A/A	2WK							
9	DPX 79406	75	DF	.023	LB A/A	EP							
9	ATRAZINE	4	F	.75	LB A/A	EP							
9	COC		L	1	QT/A	EP							
9	LIQUID N		L	2	QT/A	EP							
10	WEEDONE LV4	3.8	E	.5	LB A/A	2WK	80	90	3	87	87	100	100
10	X-77			.25	% V/V	2WK							
10	DPX 79406	75	DF	.023	LB A/A	EP							
10	ATRAZINE	4	F	.75	LB A/A	EP							
10	COC		L	1	QT/A	EP							
10	LIQUID N			2	QT/A	EP							

Dept. of Agronomy, Univ. of KY
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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
11	BANVEL	4	EC	.125	LB A/A	2WK	70	93	10	97	93	100	100
11	WEEDONE LV4	3.8	E	.125	LB A/A	2WK							
11	X-77			.25	% V/V	2WK							
11	DPX 79406	75	DF	.023	LB A/A	EP							
11	ATRAZINE	4	F	.75	LB A/A	EP							
11	COC		L	1	QT/A	EP							
11	LIQUID N		L	2	QT/A	EP							
12	WEEDONE LV4	3.8	E	.5	LB A/A	2WK	97	90	3	97	97	97	90
12	ATRAZINE	4	F	.5	LB A/A	2WK							
12	COC		L	1	QT/A	2WK							
12	DPX 79406	75	DF	.023	LB A/A	EP							
12	ATRAZINE	4	F	.75	LB A/A	EP							
12	COC		L	1	QT/A	EP							
12	LIQUID N		L	2	QT/A	EP							
13	ROUNDUP ULTRA	4	AS	.25	LB A/A	2WK	73	73	0	87	73	100	90
13	WEEDONE LV4	3.8	E	.25	LB A/A	2WK							
13	DPX 79406	75	DF	.023	LB A/A	EP							
13	ATRAZINE	4	F	.75	LB A/A	EP							
13	COC		L	1	QT/A	EP							
13	LIQUID N		L	2	QT/A	EP							
14	DPX 79406	75	DF	.023	LB A/A	PRE	93	83	0	97	87	83	97
14	ATRAZINE	4	F	.75	LB A/A	PRE							
14	COC		L	1	QT/A	PRE							
14	LIQUID N		L	2	QT/A	PRE							
15	DPX 79406	75	DF	.023	LB A/A	PRE	100	97	0	100	93	100	100
15	ATRAZINE	4	F	1.25	LB A/A	PRE							
15	COC		L	1	QT/A	PRE							
15	LIQUID N		L	2	QT/A	PRE							
16	DPX 79406	75	DF	.023	LB A/A	PRE	90	90	0	90	100	97	80
16	ATRAZINE	4	F	.75	LB A/A	PRE							
16	WEEDONE LV4	3.8	E	1	LB A/A	PRE							
16	COC		L	1	QT/A	PRE							
16	LIQUID N		L	20	GAL/A	PRE							
17	EXTRAZINE	90	DF	4	LB A/A	PRE	100	100	7	100	100	100	100
17	ACCENT	75	WG	.031	LB A/A	MP							
17	COC		L	1	QT/A	MP							
17	LIQUID N		L	2	OZ AE/CWT	MP							

Dept. of Agronomy, Univ. of KY
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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
18	SELECT	2	EC	.047	LB A/A	1WK	73	100	5	80	100	97	100
18	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
18	COC		L	1	QT/A	1WK							
18	EXCEED	57	DF	.036	LB A/A	MP							
18	COC		L	1	QT/A	MP							
19	SELECT	2	EC	.063	LB A/A	1WK	87	93	3	93	100	100	100
19	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
19	COC		L	1	QT/A	1WK							
19	EXCEED	57	DF	.036	LB A/A	MP							
19	COC		L	1	QT/A	MP							
20	SELECT	2	EC	.125	LB A/A	1WK	50	77	3	60	100	100	100
20	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
20	COC		L	1	QT/A	1WK							
20	EXCEED	57	DF	.036	LB A/A	MP							
20	COC		L	1	QT/A	MP							
21	SELECT	2	EC	.063	LB A/A	1WK	100	100	0	100	100	100	100
21	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
21	DUAL II	7.8	EC	2	LB A/A	1WK							
21	COC		L	1	QT/A	1WK							
21	EXCEED	57	DF	.036	LB A/A	MP							
21	COC		L	1	QT/A	MP							
22	SELECT	2	EC	.063	LB A/A	1WK	100	100	7	100	100	100	100
22	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
22	SURPASS	6.4	EC	2	LB A/A	1WK							
22	COC		L	1	QT/A	1WK							
22	EXCEED	57	DF	.036	LB A/A	MP							
22	COC		L	1	QT/A	MP							
23	SELECT	2	EC	.063	LB A/A	1WK	100	97	10	100	100	100	100
23	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
23	FRONTIER	6	E	1.4	LB A/A	1WK							
23	COC		L	1	QT/A	1WK							
23	EXCEED	57	DF	.036	LB A/A	MP							
23	COC		L	1	QT/A	MP							

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
24	SELECT	2	EC	.063	LB A/A	1WK	77	100	13	97	100	100	100
24	WEEDONE LV4	3.8	E	.5	LB A/A	1WK							
24	BROADSTRIKE PLUS	85.6	WG	.25	LB A/A	1WK							
24	EXCEED	57	DF	.036	LB A/A	MP							
24	COC		L	1	QT/A	MP							
	LSD (P=.05)						22.6	16.7	9.5	19.3	16.2	12.3	15.4
	Standard Deviation						13.7	10.1	5.8	11.7	9.8	7.4	9.3
	CV						18.02	11.37	184.12	14.77	10.76	7.72	9.91

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code										
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
1	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	0	37	97	87	97
1	ROUNDUP	4	AS	1	LB A/A	4WK					
1	X-77			.5	% V/V	4WK					
2	HARNESS XTRA	5.6	EC	3.65	LB A/A	4WK	0	50	93	97	93
2	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK					
3	BULLET	4	F	4	LB A/A	4WK	0	38	100	93	97
3	ROUNDUP	4	AS	1	LB A/A	4WK					
3	X-77			.5	% V/V	4WK					
4	BULLET	4	F	4	LB A/A	4WK	0	47	83	97	87
4	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK					
5	BICEP II	5.9	F	4.4	LB A/A	4WK	0	73	73	87	90
5	ROUNDUP	4	AS	1	LB A/A	4WK					
5	X-77			.5	% V/V	4WK					
6	BICEP II	5.9	F	4.4	LB A/A	4WK	0	77	93	93	90
6	ROUNDUP ULTRA	4	AS	1	LB A/A	4WK					
7	BICEP II	5.9	F	3.5	LB A/A	2WK	0	87	93	93	93
7	ROUNDUP	4	AS	1	LB A/A	2WK					
7	X-77			.25	% V/V	2WK					
8	BICEP II	5.9	F	3.5	LB A/A	2WK	0	70	83	87	87
8	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK					
9	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK	0	100	97	100	100
9	WEEDONE LV4	3.8	E	.5	LB A/A	2WK					
9	DPX 79406	75	DF	.023	LB A/A	EP					
9	ATRAZINE	4	F	.75	LB A/A	EP					
9	COC		L	1	QT/A	EP					
9	LIQUID N		L	2	QT/A	EP					
10	WEEDONE LV4	3.8	E	.5	LB A/A	2WK	0	100	77	100	100
10	X-77			.25	% V/V	2WK					
10	DPX 79406	75	DF	.023	LB A/A	EP					
10	ATRAZINE	4	F	.75	LB A/A	EP					
10	COC		L	1	QT/A	EP					
10	LIQUID N			2	QT/A	EP					

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code										
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
11	BANVEL	4	EC	.125	LB A/A	2WK	0	100	90	97	97
11	WEEDONE LV4	3.8	E	.125	LB A/A	2WK					
11	X-77			.25	% V/V	2WK					
11	DPX 79406	75	DF	.023	LB A/A	EP					
11	ATRAZINE	4	F	.75	LB A/A	EP					
11	COC		L	1	QT/A	EP					
11	LIQUID N		L	2	QT/A	EP					
12	WEEDONE LV4	3.8	E	.5	LB A/A	2WK	0	100	87	87	100
12	ATRAZINE	4	F	.5	LB A/A	2WK					
12	COC		L	1	QT/A	2WK					
12	DPX 79406	75	DF	.023	LB A/A	EP					
12	ATRAZINE	4	F	.75	LB A/A	EP					
12	COC		L	1	QT/A	EP					
12	LIQUID N		L	2	QT/A	EP					
13	ROUNDUP ULTRA	4	AS	.25	LB A/A	2WK	0	100	73	100	97
13	WEEDONE LV4	3.8	E	.25	LB A/A	2WK					
13	DPX 79406	75	DF	.023	LB A/A	EP					
13	ATRAZINE	4	F	.75	LB A/A	EP					
13	COC		L	1	QT/A	EP					
13	LIQUID N		L	2	QT/A	EP					
14	DPX 79406	75	DF	.023	LB A/A	PRE	0	97	83	87	97
14	ATRAZINE	4	F	.75	LB A/A	PRE					
14	COC		L	1	QT/A	PRE					
14	LIQUID N		L	2	QT/A	PRE					
15	DPX 79406	75	DF	.023	LB A/A	PRE	0	97	90	93	97
15	ATRAZINE	4	F	1.25	LB A/A	PRE					
15	COC		L	1	QT/A	PRE					
15	LIQUID N		L	2	QT/A	PRE					
16	DPX 79406	75	DF	.023	LB A/A	PRE	0	80	100	97	80
16	ATRAZINE	4	F	.75	LB A/A	PRE					
16	WEEDONE LV4	3.8	E	1	LB A/A	PRE					
16	COC		L	1	QT/A	PRE					
16	LIQUID N		L	20	GAL/A	PRE					
17	EXTRAZINE	90	DF	4	LB A/A	PRE	0	100	100	100	100
17	ACCENT	75	WG	.031	LB A/A	MP					
17	COC		L	1	QT/A	MP					
17	LIQUID N		L	2	OZ AE/CWT	MP					

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code										
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
18	SELECT	2	EC	.047	LB A/A	1WK	0	73	100	100	100
18	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
18	COC		L	1	QT/A	1WK					
18	EXCEED	57	DF	.036	LB A/A	MP					
18	COC		L	1	QT/A	MP					
19	SELECT	2	EC	.063	LB A/A	1WK	3	83	100	100	93
19	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
19	COC		L	1	QT/A	1WK					
19	EXCEED	57	DF	.036	LB A/A	MP					
19	COC		L	1	QT/A	MP					
20	SELECT	2	EC	.125	LB A/A	1WK	0	60	100	100	100
20	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
20	COC		L	1	QT/A	1WK					
20	EXCEED	57	DF	.036	LB A/A	MP					
20	COC		L	1	QT/A	MP					
21	SELECT	2	EC	.063	LB A/A	1WK	0	100	100	100	100
21	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
21	DUAL II	7.8	EC	2	LB A/A	1WK					
21	COC		L	1	QT/A	1WK					
21	EXCEED	57	DF	.036	LB A/A	MP					
21	COC		L	1	QT/A	MP					
22	SELECT	2	EC	.063	LB A/A	1WK	0	100	100	100	100
22	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
22	SURPASS	6.4	EC	2	LB A/A	1WK					
22	COC		L	1	QT/A	1WK					
22	EXCEED	57	DF	.036	LB A/A	MP					
22	COC		L	1	QT/A	MP					
23	SELECT	2	EC	.063	LB A/A	1WK	0	100	100	100	100
23	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
23	FRONTIER	6	E	1.4	LB A/A	1WK					
23	COC		L	1	QT/A	1WK					
23	EXCEED	57	DF	.036	LB A/A	MP					
23	COC		L	1	QT/A	MP					

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Weed Code						ZEAMX	SETFA	XANST	IPOHE	ABUTH
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
24	SELECT	2	EC	.063	LB A/A	1WK	3	95	100	97	100
24	WEEDONE LV4	3.8	E	.5	LB A/A	1WK					
24	BROADSTRIKE PLUS	85.6	WG	.25	LB A/A	1WK					
24	EXCEED	57	DF	.036	LB A/A	MP					
24	COC		L	1	QT/A	MP					
	LSD (P=.05)						2.8	18.3	15.4	13.5	11.2
	Standard Deviation						1.7	11.1	9.3	8.2	6.8
	CV						606.49	13.52	10.13	8.55	7.12

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-10-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.XANST 3.IPOHE
4.ABUTH

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** NO-TILL
Soil Temperature: 65 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-19-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL EPP **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 28 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	4-11-96	4-25-96	5-3-96	5-10-96	5-29-96	5-31-96
Time of Day:	1 PM	2:30 PM	11 AM	10 AM	2:30 PM	3 PM
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	4 WK	2 WK	1 WK	PRE	EP	MP
Applic. Placement:	SURFACE	SURFACE	SURFACE	SURFACE	FOLIAR	FOLIAR
Air Temp., Unit:	65 F	70 F	64 F	66 F	66 F	74 F
% Relative Humidity:	35	50	80	80	86	59
Wind Velocity, Unit:	5 MPH	4.4 MPH	5 MPH	5 MPH	4.4 MPH	4.8 MPH
Soil Temp., Unit:	50 F	55 F	56 F	65 F	69 F	70 F
Soil Moisture:	ADEQUATE	ADEQUATE	EXCESSIVE	EXCESSIVE	ADEQUATE	ADEQUATE
% Cloud Cover:	10	15	40	40	15	15

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX					EP	MP
					2 LVS	4 LVS
					6 IN	8 IN

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA				1 LF	2 LVS	4 LVS
				1 IN	2 IN	4 IN
XANST				1-2 LVS	3 LVS	5 LVS
				1 IN	2 IN	4 IN
IPOHE				1 LF	2 LVS	3 LVS
				1 IN	2 IN	4 IN
ABUTH				1 -2 LVS	2 LVS	4 LVS
				1 IN	1-3 IN	2-4 IN

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NO-TILL CORN EARLY PREPLANT II

Trial ID: C6008 Investigator:
Location: SPINDLETOP, FARM Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER	4 WHEELER	BACKPACK	BACKPACK
Operating Pressure:	30	30	30	30	30	30
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	FAN
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	20 IN
Boom Length, Unit:	6.33 FT	6.33 FT	6.33 FT	6.33 FT	6.33 FT	6.33 FT
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	19 IN
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH
Carrier:	WATER	WATER	WATER	WATER	WATER	WATER
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA
Propellant:	CO2	CO2	CO2	CO2	CO2	CO2

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NO-TILL EARLY PREPLANT CORN III (BALANCE)

Trial ID: 96J11 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
	Weed Code						ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
	Crop Code																
	Part Rated																
	Rating Data Type						INJURY	INJURY	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						5-25-96	5-28-96	5-28-96								
	Footnote Number																
	Trt-Eval Interval						V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	85	10	0	85	10	0	85	10
1	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
2	BALANCE	75	WG	2.25	OZ A/A	EPP	0	0	0	73	10	0	73	10	0	73	17
2	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
3	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	60	50	0	60	50	0	60	43
3	TOPNOTCH	3.2	CS	1	LB A/A	EPP											
3	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
4	BALANCE	75	WG	2.25	OZ A/A	EPP	0	0	0	70	40	0	70	40	0	70	43
4	TOPNOTCH	3.2	CS	1	LB A/A	EPP											
4	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
5	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	82	72	0	82	72	0	82	65
5	TOPNOTCH	3.2	CS	1.5	LB A/A	EPP											
5	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
6	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	60	63	0	60	67	0	60	53
6	TOPNOTCH	3.2	CS	1	LB A/A	EPP											
6	AATREX-DF	90	DF	1.25	LB A/A	EPP											
6	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
7	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	75	30	0	75	30	0	78	30
7	DUAL II	7.8	EC	1.25	LB A/A	EPP											
7	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
8	BALANCE	75	WG	2.25	OZ A/A	EPP	0	0	0	77	50	0	77	50	0	73	43
8	DUAL II	7.8	EC	1.25	LB A/A	EPP											
8	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
9	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	87	60	0	87	27	0	87	47
9	DUAL II	7.8	EC	1.875	LB A/A	EPP											
9	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
10	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	95	88	0	95	88	0	92	85
10	AATREX-DF	90	DF	1.25	LB A/A	EPP											
10	DUAL II	7.8	EC	1	LB A/A	EPP											
10	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											

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NO-TILL EARLY PREPLANT CORN III (BALANCE)

Trial ID: 96J11 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
	Weed Code						ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	SETFA	AMACH	ZEAMX	SETFA	AMACH
	Crop Code																
	Part Rated																
	Rating Data Type						INJURY	INJURY	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						5-25-96	5-28-96	5-28-96								
	Footnote Number																
	Trt-Eval Interval						V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
11	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	75	83	0	75	83	0	72	80
11	AATREX-DF	90	DF	1.25	LB A/A	EPP											
11	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
12	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	93	90	0	93	93	0	87	90
12	AATREX-DF	90	DF	2	LB A/A	EPP											
12	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
13	DUAL II	7.8	EC	2	LB A/A	EPP	0	0	0	75	82	0	75	82	0	67	80
13	AATREX-DF	90	DF	2	LB A/A	EPP											
13	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
14	BICEP II	5.9	F	3.6	LB A/A	EPP	0	0	0	83	83	0	83	83	0	80	77
14	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
15	WEEDY CHECK						0	0	0	0	0	0	0	0	0	0	0
15	ROUNDUP ULTRA	4	AS	1	LB A/A	EPP											
	LSD (P=.05)						0.0	0.0	0.0	24.1	13.8	0.0	24.1	19.1	0.0	21.9	19.0
	Standard Deviation						0.0	0.0	0.0	14.4	8.3	0.0	14.4	11.4	0.0	13.1	11.4
	CV						.	.	.	19.8	15.29	.	19.8	21.79	.	18.44	22.37

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NO-TILL EARLY PREPLANT CORN III (BALANCE)

Trial ID: 96J11 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 5-9-96 **Country:** USA
City: LEXINGTON, **State/Prov.:** KY. **Postal Code:** 40546

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-9-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** NO-TILL
Soil Temperature: 65 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-17-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.2 **% Sand:** 13 **% Silt:** 55 **% Clay:** 32
pH: 6.6 **CEC:** 20 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-2-96					
Time of Day:	10 AM					
Application Method:	BROADCAST					
Application Timing:	EPP					
Applic. Placement:	SURFACE					
Air Temp., Unit:	58 F					
% Relative Humidity:	85					
Wind Velocity, Unit:	5 MPH					
Soil Temp., Unit:	51 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	30					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	24 GPA					
Propellant:	CO2					

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MINIMUM TILL CORN EARLY PREPLANT

Trial ID: C6010 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	CHEAL	AMBTR
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	CHEAL	AMBTR
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	CGA-77102	7.64	EC	1.25	LB A/A	2WK	100	87	0	100	100	87	87	87
1	PEAK	57	WG	.036	LB A/A	MP								
1	COC		L	1	QT/A	MP								
2	CGA-77102	7.64	EC	1.56	LB A/A	2WK	93	93	0	93	97	97	97	97
2	PEAK	57	WG	.036	LB A/A	MP								
2	COC		L	1	QT/A	MP								
3	DUAL II	7.8	EC	2	LB A/A	2WK	100	93	0	100	97	93	97	90
3	PEAK	57	WG	.036	LB A/A	MP								
3	COC		L	1	QT/A	MP								
4	DUAL II	7.8	EC	2.5	LB A/A	2WK	100	97	0	100	100	93	100	97
4	PEAK	57	WG	.036	LB A/A	MP								
4	COC		L	1	QT/A	MP								
5	TOPNOTCH	3.2	CS	2	LB A/A	2WK	100	97	0	100	100	97	100	97
5	PEAK	57	WG	.036	LB A/A	MP								
5	COC		L	1	QT/A	MP								
6	SURPASS	6.4	EC	2	LB A/A	2WK	93	97	0	90	97	93	100	100
6	PEAK	57	WG	.036	LB A/A	MP								
6	COC		L	1	QT/A	MP								
7	HARNESS	7	EC	2	LB A/A	2WK	97	97	0	97	100	97	100	100
7	PEAK	57	WG	.036	LB A/A	MP								
7	COC		L	1	QT/A	MP								
8	FRONTIER	6	E	1.4	LB A/A	2WK	97	97	0	93	87	93	90	97
8	PEAK	57	WG	.036	LB A/A	MP								
8	COC		L	1	QT/A	MP								
9	AXIOM	68	DF	.85	LB A/A	2WK	97	100	0	67	97	100	100	100
9	PEAK	57	WG	.036	LB A/A	MP								
9	COC		L	1	QT/A	MP								
10	CHECK						0	78	0	0	82	87	77	97
10	PEAK	57	WG	.036	LB A/A	MP								
10	COC		L	1	QT/A	MP								

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MINIMUM TILL CORN EARLY PREPLANT

Trial ID: C6010 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	CHEAL	AMBTR
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	XANST	IPOHE	CHEAL	AMBTR
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
	LSD (P=.05)						8.9	10.7	0.0	33.7	11.9	14.4	9.1	11.9
	Standard Deviation						5.2	6.3	0.0	19.7	6.9	8.4	5.3	6.9
	CV						5.93	6.69	.	23.42	7.24	8.98	5.6	7.2

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MINIMUM TILL CORN EARLY PREPLANT

Trial ID: C6010 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SETFA	XANST	IPOHE	CHEAL	AMBTR
	Weed Code						ZEAMX	SETFA	XANST	IPOHE	CHEAL	AMBTR
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	CGA-77102	7.64	EC	1.25	LB A/A	2WK	0	97	100	100	93	100
1	PEAK	57	WG	.036	LB A/A	MP						
1	COC		L	1	QT/A	MP						
2	CGA-77102	7.64	EC	1.56	LB A/A	2WK	0	93	100	100	97	100
2	PEAK	57	WG	.036	LB A/A	MP						
2	COC		L	1	QT/A	MP						
3	DUAL II	7.8	EC	2	LB A/A	2WK	0	97	97	97	100	100
3	PEAK	57	WG	.036	LB A/A	MP						
3	COC		L	1	QT/A	MP						
4	DUAL II	7.8	EC	2.5	LB A/A	2WK	0	98	100	100	100	100
4	PEAK	57	WG	.036	LB A/A	MP						
4	COC		L	1	QT/A	MP						
5	TOPNOTCH	3.2	CS	2	LB A/A	2WK	0	93	100	100	100	97
5	PEAK	57	WG	.036	LB A/A	MP						
5	COC		L	1	QT/A	MP						
6	SURPASS	6.4	EC	2	LB A/A	2WK	0	85	100	100	100	100
6	PEAK	57	WG	.036	LB A/A	MP						
6	COC		L	1	QT/A	MP						
7	HARNESS	7	EC	2	LB A/A	2WK	0	93	100	100	100	100
7	PEAK	57	WG	.036	LB A/A	MP						
7	COC		L	1	QT/A	MP						
8	FRONTIER	6	E	1.4	LB A/A	2WK	0	83	87	97	97	97
8	PEAK	57	WG	.036	LB A/A	MP						
8	COC		L	1	QT/A	MP						
9	AXIOM	68	DF	.85	LB A/A	2WK	0	97	97	100	100	100
9	PEAK	57	WG	.036	LB A/A	MP						
9	COC		L	1	QT/A	MP						
10	CHECK						0	0	48	93	48	97
10	PEAK	57	WG	.036	LB A/A	MP						
10	COC		L	1	QT/A	MP						
	LSD (P=.05)						0.0	9.5	12.6	5.3	5.9	4.8
	Standard Deviation						0.0	5.5	7.3	3.1	3.4	2.8
	CV						.	6.59	7.89	3.15	3.67	2.82

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MINIMUM TILL CORN EARLY PREPLANT

Trial ID: C6010 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-10-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.XANST 3.IPOHE
4.CHEAL 5.AMBTR

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** MINIMUM TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-19-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: MINIMUM TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.6 **% Sand:** 7.8 **% Silt:** 65 **% Clay:** 27
pH: 6.5 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	4-18-96	6-13-96				
Time of Day:	11 AM	10:30 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	2 WK	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	61 F	69 F				
% Relative Humidity:	55	85				
Wind Velocity, Unit:	4 MPH	5 MPH				
Soil Temp., Unit:	53 F	70 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	15	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP				
		4 LVS				
		8 IN				

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MINIMUM TILL CORN EARLY PREPLANT

Trial ID: C6010 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
XANST		5 LVS				
		4 IN				
IPOHE		3 LVS				
		4 IN				
CHEAL		5-6 LVS				
		2-3 IN				
AMBTR		4-6 LVS				
		2-4 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

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CONVENTIONAL TILL EARLY PREPLANT CORN BALANCE

Trial ID: 96J09 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	ZEAMX	SETFA	IPOHE	DATST
Weed Code							ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	ZEAMX	SETFA	IPOHE	DATST
Crop Code																	
Part Rated																	
Rating Data Type							INJURY	INJURY	STUNT	STUNT	CONTROL	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							5-25-96	5-28-96	5-28-96								
Footnote Number																	
Trt-Eval Interval							V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	80	73	50	0	67	67	50
2	BALANCE	75	WG	2.25	OZ A/A	EPP	0	0	0	0	87	73	50	0	70	73	50
3	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	97	67	70	0	90	53	67
3	TOPNOTCH	3.2	CS	1	LB A/A	EPP											
4	BALANCE	75	WG	2.25	OZ A/A	EPP	0	0	0	0	93	87	83	0	83	72	53
4	TOPNOTCH	3.2	CS	1	LB A/A	EPP											
5	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	97	90	77	0	82	73	77
5	TOPNOTCH	3.2	CS	1.5	LB A/A	EPP											
6	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	90	97	97	0	83	90	97
6	TOPNOTCH	3.2	CS	1	LB A/A	EPP											
6	ATRAZINE	90	WG	1.25	LB A/A	EPP											
7	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	100	73	90	0	92	63	70
7	DUAL II	7.8	EC	1.25	LB A/A	EPP											
8	BALANCE	75	WG	2.25	OZ A/A	EPP	0	0	0	0	97	50	63	0	93	50	63
8	DUAL II	7.8	EC	1.25	LB A/A	EPP											
9	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	100	50	97	0	97	63	97
9	DUAL II	7.8	EC	1.875	LB A/A	EPP											
10	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	100	97	100	0	97	90	100
10	ATRAZINE	90	WG	1.25	LB A/A	EPP											
10	DUAL II	7.8	EC	1.25	LB A/A	EPP											
11	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	93	93	93	0	87	90	93
11	ATRAZINE	90	WG	1.25	LB A/A	EPP											
12	BALANCE	75	WG	1.5	OZ A/A	EPP	0	0	0	0	90	100	100	0	85	93	100
12	ATRAZINE	90	WG	2	LB A/A	EPP											
13	DUAL II	7.8	EC	2	LB A/A	EPP	0	0	0	0	100	97	100	0	100	88	100
13	ATRAZINE	90	WG	2	LB A/A	EPP											
14	BICEP II	5.9	F	3.6	LB A/A	EPP	0	0	0	0	100	97	100	0	97	97	100
15	WEEDY CHECK						0	0	0	0	0	0	0	0	0	0	0

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CONVENTIONAL TILL EARLY PREPLANT CORN BALANCE

Trial ID: 96J09 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	Weed Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	SETFA	IPOHE	DATST	ZEAMX	SETFA	IPOHE	DATST
							Crop Code											
							Part Rated											
							Rating Data Type	INJURY	INJURY	STUNT	STUNT	CONTROL	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	CONTROL
							Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
							Rating Date	5-25-96	5-28-96	5-28-96								
							Footnote Number											
							Trt-Eval Interval	V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
							PRM Data Type	P	P	P	P	P	P	P	P	P	P	P
							# Subsamples, Dec.	0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)							0.0	0.0	0.0	0.0	7.2	18.5	17.7	0.0	11.4	17.1	29.3
	Standard Deviation							0.0	0.0	0.0	0.0	4.3	11.0	10.6	0.0	6.8	10.2	17.5
	CV							.	.	.	.	4.86	14.48	13.53	.	8.41	14.43	23.54

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CONVENTIONAL TILL EARLY PREPLANT CORN BALANCE

Trial ID: 96J09 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 5-10-96 **Country:** USA
City: LEXINGTON, **State/Prov.:** KY. **Postal Code:** 40546

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 5-10-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 70 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: MAURY SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION
Texture: SILT LOAM **% OM:** 2.6 **% Sand:** 7.8 **% Silt:** 65 **% Clay:** 27
pH: 6.5 **CEC:** 17 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-2-96					
Time of Day:	11 AM					
Application Method:	BROADCAST					
Application Timing:	EPP					
Applic. Placement:	SURFACE					
Air Temp., Unit:	58 F					
% Relative Humidity:	85					
Wind Velocity, Unit:	5 MPH					
Soil Temp., Unit:	51 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	30					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	NA					

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	24 GPA					
Propellant:	CO2					

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	DUAL II	7.8	EC	2	LB	A/A PRE	100	10	0	100	100	70	100	10
2	FRONTIER	6	E	1.2	LB	A/A PRE	100	10	0	100	100	87	100	10
3	DETAIL	4.1	EC	1.03	LB	A/A PRE	100	87	0	100	100	83	100	87
4	AXIOM	68	DF	.77	LB	A/A PRE	100	10	0	100	100	80	100	10
5	AXIOM	68	DF	.85	LB	A/A PRE	100	10	0	100	100	93	100	10
6	AXIOM	68	DF	.77	LB	A/A PRE	97	80	0	97	100	100	100	77
6	CANOPY	75	DF	.375	LB	A/A PRE								
7	AXIOM	68	DF	.77	LB	A/A PRE	97	53	0	100	100	100	100	53
7	AUTHORITY	75	DF	.375	LB	A/A PRE								
8	AXIOM	68	DF	.77	LB	A/A PRE	97	60	0	97	100	100	100	60
8	SCEPTER	70	WG	.125	LB	A/A PRE								
9	TURBO	8	EC	2	LB	A/A PRE	100	63	0	100	100	60	100	65
9	SCEPTER	70	WG	.063	LB	A/A PRE								
10	SQUADRON	2.33	EC	.87	LB	A/A PRE	100	80	0	100	100	100	100	80
11	SQUADRON	2.33	EC	.87	LB	A/A PRE	100	78	0	100	100	100	100	78
11	SENCOR	75	DF	.38	LB	A/A PRE								
12	FRONTIER	6	E	1.2	LB	A/A PRE	100	65	0	100	100	100	100	65
12	AUTHORITY	75	DF	.375	LB	A/A PRE								
13	FRONTIER	6	E	1.2	LB	A/A PRE	100	20	0	100	100	87	100	20
13	COMMAND	3	ME	.75	LB	A/A PRE								
14	FRONTIER	6	E	1.2	LB	A/A PRE	100	85	0	100	100	83	100	85
14	CANOPY	75	DF	.375	LB	A/A PRE								
15	FRONTIER	6	E	1.2	LB	A/A PRE	97	82	0	97	100	93	100	82
15	SCEPTER	70	WG	.125	LB	A/A PRE								
16	FRONTIER	6	E	1.2	LB	A/A PRE	97	70	0	97	100	100	100	70
16	PURSUIT	70	DF	.063	LB	A/A PRE								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
17	AUTHORITY	75	DF	.375	LB A/A	PRE	100	72	0	100	100	100	100	72
17	COMMAND	3	ME	.75	LB A/A	PRE								
18	AUTHORITY	75	DF	.375	LB A/A	PRE	100	57	0	100	100	100	100	57
18	SENCOR	75	DF	.225	LB A/A	PRE								
18	DUAL II	7.8	EC	2	LB A/A	PRE								
19	AUTHORITY	75	DF	.375	LB A/A	PRE	97	73	0	97	100	93	100	73
19	SENCOR	75	DF	.225	LB A/A	PRE								
19	SELECT	2	EC	.094	LB A/A	MP								
19	COC		L	1	QT/A	MP								
20	AUTHORITY	75	DF	.188	LB A/A	PRE	100	90	0	100	100	93	100	90
20	F6025	25	DF	.0375	LB A/A	PRE								
20	DUAL II	7.8	EC	2	LB A/A	PRE								
21	AUTHORITY	75	DF	.2	LB A/A	PRE	100	80	0	100	100	100	100	82
21	F6025	25	DF	.04	LB A/A	PRE								
21	DUAL II	7.8	EC	2	LB A/A	PRE								
22	AUTHORITY	75	DF	.23	LB A/A	PRE	100	77	0	100	100	100	100	77
22	F6025	25	DF	.046	LB A/A	PRE								
22	DUAL II	7.8	EC	2	LB A/A	PRE								
23	AUTHORITY	75	DF	.23	LB A/A	PRE	97	85	0	97	100	100	100	85
23	F6025	25	DF	.046	LB A/A	PRE								
23	SELECT	2	EC	.094	LB A/A	MP								
23	COC		L	1	QT/A	MP								
24	FIRSTRATE	84	W	.031	LB A/A	PRE	100	80	0	100	100	93	100	80
24	DUAL II	7.8	EC	2	LB A/A	PRE								
25	FIRSTRATE	84	W	.039	LB A/A	PRE	100	80	0	100	100	100	100	80
25	DUAL II	7.8	EC	2	LB A/A	PRE								
26	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	97	83	0	100	100	93	100	83
27	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	100	92	0	100	100	100	100	92
27	FIRSTRATE	84	W	.016	LB A/A	MP								
27	COC		L	1.2	QT/A	MP								

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
28	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	100	95	0	100	100	93	100	95
28	FIRSTRATE	84	W	.016	LB A/A	MP								
28	FLUMETSULAM	80	WG	.006	LB A/A	MP								
28	COC		L	1	QT/A	MP								
29	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	100	97	0	100	100	100	100	97
29	GALAXY	3.67	EC	.92	LB A/A	MP								
29	COC		L	1	QT/A	MP								
29	LIQUID N		L	1	QT/A	MP								
30	FRONTIER	6	E	1.2	LB A/A	PRE	100	87	0	100	100	90	100	87
30	FIRSTRATE	84	W	.016	LB A/A	MP								
30	COC		L	1	QT/A	MP								
31	FRONTIER	6	E	1.2	LB A/A	PRE	97	90	0	97	100	100	100	90
31	FIRSTRATE	84	W	.016	LB A/A	MP								
31	FLUMETSULAM	80	WG	.006	LB A/A	MP								
31	COC		L	1	QT/A	MP								
32	FRONTIER	6	E	1.2	LB A/A	PRE	100	83	0	100	100	63	100	85
32	GALAXY	3.67	EC	.92	LB A/A	MP								
32	COC		L	1	QT/A	MP								
33	MON 7779	3.8	ME	2.33	LB A/A	PRE	100	10	0	100	100	87	100	10
34	MON 7779	3.8	ME	3	LB A/A	PRE	100	10	0	100	100	83	100	10
35	MICRO-TECH	4	SL	2.57	LB A/A	PRE	100	17	0	100	100	87	100	17
35	COMMAND	3	ME	.43	LB A/A	PRE								
36	MICRO-TECH	4	SL	2	LB A/A	PRE	100	10	0	100	100	83	100	10
36	COMMAND	3	ME	.33	LB A/A	PRE								
37	MICRO-TECH	4	SL	2	LB A/A	PRE	100	43	0	100	100	83	100	43
37	COMMAND	3	ME	.33	LB A/A	PRE								
37	SCEPTER	70	WG	.063	LB A/A	PRE								
38	MICRO-TECH	4	SL	2	LB A/A	PRE	100	85	0	100	100	87	100	85
38	COMMAND	3	ME	.33	LB A/A	PRE								
38	CANOPY	75	DF	.28	LB A/A	PRE								

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
39	MICRO-TECH	4	SL	2	LB A/A	PRE	100	30	0	100	100	83	100	30
39	COMMAND	3	ME	.33	LB A/A	PRE								
39	SENCOR	75	DF	.375	LB A/A	PRE								
40	MICRO-TECH	4	SL	2.57	LB A/A	PRE	100	80	0	100	100	100	100	80
40	CANOPY	75	DF	.375	LB A/A	PRE								
	LSD (P=.05)						4.5	13.7	0.0	3.9	0.0	16.4	0.0	14.1
	Standard Deviation						2.7	8.4	0.0	2.4	0.0	10.0	0.0	8.6
	CV						2.75	13.6	.	2.4	0.0	11.0	0.0	13.97

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	DUAL II	7.8	EC	2	LB	A/A PRE	0	97	100	83	93	10
2	FRONTIER	6	E	1.2	LB	A/A PRE	0	97	100	83	93	10
3	DETAIL	4.1	EC	1.03	LB	A/A PRE	0	97	100	80	100	80
4	AXIOM	68	DF	.77	LB	A/A PRE	0	100	100	70	100	10
5	AXIOM	68	DF	.85	LB	A/A PRE	0	100	100	90	100	10
6	AXIOM	68	DF	.77	LB	A/A PRE	0	90	100	100	100	70
6	CANOPY	75	DF	.375	LB	A/A PRE						
7	AXIOM	68	DF	.77	LB	A/A PRE	0	100	100	100	100	43
7	AUTHORITY	75	DF	.375	LB	A/A PRE						
8	AXIOM	68	DF	.77	LB	A/A PRE	0	97	100	90	100	30
8	SCEPTER	70	WG	.125	LB	A/A PRE						
9	TURBO	8	EC	2	LB	A/A PRE	0	100	100	80	100	47
9	SCEPTER	70	WG	.063	LB	A/A PRE						
10	SQUADRON	2.33	EC	.87	LB	A/A PRE	0	87	100	100	100	70
11	SQUADRON	2.33	EC	.87	LB	A/A PRE	0	90	100	100	100	67
11	SENCOR	75	DF	.38	LB	A/A PRE						
12	FRONTIER	6	E	1.2	LB	A/A PRE	0	93	100	100	100	37
12	AUTHORITY	75	DF	.375	LB	A/A PRE						
13	FRONTIER	6	E	1.2	LB	A/A PRE	0	100	100	80	100	17
13	COMMAND	3	ME	.75	LB	A/A PRE						
14	FRONTIER	6	E	1.2	LB	A/A PRE	0	97	100	77	100	80
14	CANOPY	75	DF	.375	LB	A/A PRE						
15	FRONTIER	6	E	1.2	LB	A/A PRE	0	97	100	93	100	77
15	SCEPTER	70	WG	.125	LB	A/A PRE						
16	FRONTIER	6	E	1.2	LB	A/A PRE	0	93	100	100	100	47
16	PURSUIT	70	DF	.063	LB	A/A PRE						

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
17	AUTHORITY	75	DF	.375	LB A/A	PRE	0	100	100	100	100	65
17	COMMAND	3	ME	.75	LB A/A	PRE						
18	AUTHORITY	75	DF	.375	LB A/A	PRE	0	100	100	100	100	43
18	SENCOR	75	DF	.225	LB A/A	PRE						
18	DUAL II	7.8	EC	2	LB A/A	PRE						
19	AUTHORITY	75	DF	.375	LB A/A	PRE	0	93	100	93	100	63
19	SENCOR	75	DF	.225	LB A/A	PRE						
19	SELECT	2	EC	.094	LB A/A	MP						
19	COC		L	1	QT/A	MP						
20	AUTHORITY	75	DF	.188	LB A/A	PRE	0	97	100	93	100	85
20	F6025	25	DF	.0375	LB A/A	PRE						
20	DUAL II	7.8	EC	2	LB A/A	PRE						
21	AUTHORITY	75	DF	.2	LB A/A	PRE	0	100	100	100	100	58
21	F6025	25	DF	.04	LB A/A	PRE						
21	DUAL II	7.8	EC	2	LB A/A	PRE						
22	AUTHORITY	75	DF	.23	LB A/A	PRE	0	100	100	100	100	72
22	F6025	25	DF	.046	LB A/A	PRE						
22	DUAL II	7.8	EC	2	LB A/A	PRE						
23	AUTHORITY	75	DF	.23	LB A/A	PRE	0	93	100	100	100	80
23	F6025	25	DF	.046	LB A/A	PRE						
23	SELECT	2	EC	.094	LB A/A	MP						
23	COC		L	1	QT/A	MP						
24	FIRSTRATE	84	W	.031	LB A/A	PRE	0	97	97	93	100	75
24	DUAL II	7.8	EC	2	LB A/A	PRE						
25	FIRSTRATE	84	W	.039	LB A/A	PRE	0	100	100	100	100	75
25	DUAL II	7.8	EC	2	LB A/A	PRE						
26	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	97	100	93	100	75
27	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	93	100	100	100	92
27	FIRSTRATE	84	W	.016	LB A/A	MP						
27	COC		L	1.2	QT/A	MP						

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
28	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	97	100	93	100	95
28	FIRSTRATE	84	W	.016	LB A/A	MP						
28	FLUMETSULAM	80	WG	.006	LB A/A	MP						
28	COC		L	1	QT/A	MP						
29	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	97	100	100	100	97
29	GALAXY	3.67	EC	.92	LB A/A	MP						
29	COC		L	1	QT/A	MP						
29	LIQUID N		L	1	QT/A	MP						
30	FRONTIER	6	E	1.2	LB A/A	PRE	0	97	80	90	100	90
30	FIRSTRATE	84	W	.016	LB A/A	MP						
30	COC		L	1	QT/A	MP						
31	FRONTIER	6	E	1.2	LB A/A	PRE	0	90	97	100	100	87
31	FIRSTRATE	84	W	.016	LB A/A	MP						
31	FLUMETSULAM	80	WG	.006	LB A/A	MP						
31	COC		L	1	QT/A	MP						
32	FRONTIER	6	E	1.2	LB A/A	PRE	0	90	100	63	100	83
32	GALAXY	3.67	EC	.92	LB A/A	MP						
32	COC		L	1	QT/A	MP						
33	MON 7779	3.8	ME	2.33	LB A/A	PRE	0	100	100	87	100	10
34	MON 7779	3.8	ME	3	LB A/A	PRE	0	93	100	83	100	10
35	MICRO-TECH	4	SL	2.57	LB A/A	PRE	0	100	97	87	100	17
35	COMMAND	3	ME	.43	LB A/A	PRE						
36	MICRO-TECH	4	SL	2	LB A/A	PRE	0	97	100	83	100	10
36	COMMAND	3	ME	.33	LB A/A	PRE						
37	MICRO-TECH	4	SL	2	LB A/A	PRE	0	100	100	83	100	30
37	COMMAND	3	ME	.33	LB A/A	PRE						
37	SCEPTER	70	WG	.063	LB A/A	PRE						
38	MICRO-TECH	4	SL	2	LB A/A	PRE	0	95	100	87	100	82
38	COMMAND	3	ME	.33	LB A/A	PRE						
38	CANOPY	75	DF	.28	LB A/A	PRE						

Dept. of Agronomy, Univ. of KY
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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Weed Code						GLYMA	SETFA	CHEAL	IPOHE	SIDSP	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
39	MICRO-TECH	4	SL	2	LB A/A	PRE	0	100	100	83	100	23
39	COMMAND	3	ME	.33	LB A/A	PRE						
39	SENCOR	75	DF	.375	LB A/A	PRE						
40	MICRO-TECH	4	SL	2.57	LB A/A	PRE	0	97	100	100	100	70
40	CANOPY	75	DF	.375	LB A/A	PRE						
	LSD (P=.05)						0.0	10.4	3.7	19.8	4.2	14.0
	Standard Deviation						0.0	6.4	2.3	12.1	2.5	8.6
	CV						.	6.6	2.27	13.3	2.56	15.66

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SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.CHEAL 3.IPOHE
4.SIDSP 5.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-19-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.36 **% Sand:** 8.4 **% Silt:** 66 **% Clay:** 26
pH: 6.1 **CEC:** 20.9 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	6-6-96				
Time of Day:	1 PM	10 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	SURFACE				
Air Temp., Unit:	64 F	66 F				
% Relative Humidity:	40	80				
Wind Velocity, Unit:	4.4 MPH	3 MPH				
Soil Temp., Unit:	62 F	70 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	15	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP				
		1 TR				
		6 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREEMERGENCE

Trial ID: S6011 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
CHEAL		5-6 LVS				
		2-3 IN				
IPOHE		3 LVS				
		4 IN				
SIDSP		4 LVS				
		3 IN				
XANST		5 LVS				
		4 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREEMERGENCE II

Trial ID: S6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	XANST	IPOHE	AMBTR	GLYMA	SETFA	XANST	IPOHE	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETFA	XANST	IPOHE	AMBTR	GLYMA	SETFA	XANST	IPOHE	AMBTR
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
1	V-53482	50	WP	.063	LB A/A	PRE	100	88	0	100	87	97	98	0	98	70	98	100
1	DUAL II	7.8	EC	2	LB A/A	PRE												
1	CLASSIC	25	DF	.025	LB A/A	PRE												
2	V-53482	50	WP	.063	LB A/A	PRE	100	32	0	100	32	97	100	0	100	13	98	100
2	DUAL II	7.8	EC	2	LB A/A	PRE												
2	LEXONE	75	DF	.25	LB A/A	PRE												
3	V-53482	50	WP	.063	LB A/A	PRE	100	60	0	100	60	95	100	0	98	20	98	100
3	DUAL II	7.8	EC	2	LB A/A	PRE												
3	LEXONE	75	DF	.375	LB A/A	PRE												
4	V-53482	50	WP	.063	LB A/A	PRE	100	88	0	100	87	95	98	0	100	85	98	98
4	DUAL II	7.8	EC	2	LB A/A	PRE												
4	SCEPTER	75	DF	.125	LB A/A	PRE												
5	DUAL II	7.8	EC	2	LB A/A	PRE	100	95	0	100	92	93	100	0	100	75	95	100
5	CLASSIC	25	DF	.025	LB A/A	PRE												
6	DUAL II	7.8	EC	2	LB A/A	PRE	100	42	0	100	42	93	100	0	100	13	98	100
6	LEXONE	75	DF	.25	LB A/A	PRE												
7	DUAL II	7.8	EC	2	LB A/A	PRE	100	78	0	100	80	92	98	0	100	27	95	98
7	LEXONE	75	DF	.375	LB A/A	PRE												
8	DUAL II	7.8	EC	2	LB A/A	PRE	100	90	0	100	88	95	98	0	98	82	98	98
8	SCEPTER	70	WG	.125	LB A/A	PRE												
9	V-53482	50	WP	.063	LB A/A	PRE	100	95	0	100	93	97	98	0	98	88	97	98
9	FRONTIER	6	E	1.2	LB A/A	PRE												
9	CLASSIC	25	DF	.025	LB A/A	PRE												
10	V-53482	50	WP	.063	LB A/A	PRE	100	57	0	100	58	63	100	0	98	13	98	100
10	FRONTIER	6	E	1.2	LB A/A	PRE												
10	LEXONE	75	DF	.25	LB A/A	PRE												
11	V-53482	50	WP	.063	LB A/A	PRE	100	80	0	98	75	93	100	0	98	13	95	95
11	FRONTIER	6	E	1.2	LB A/A	PRE												
11	LEXONE	75	DF	.375	LB A/A	PRE												

Dept. of Agronomy, Univ. of KY
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SOYBEAN PREEMERGENCE II

Trial ID: S6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	XANST	IPOHE	AMBTR	GLYMA	SETFA	XANST	IPOHE	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETFA	XANST	IPOHE	AMBTR	GLYMA	SETFA	XANST	IPOHE	AMBTR
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
12	V-53482	50	WP	.063	LB A/A	PRE	100	92	0	100	90	95	100	0	98	87	97	98
12	FRONTIER	6	E	1.2	LB A/A	PRE												
12	SCEPTER	70	WG	.125	LB A/A	PRE												
13	FRONTIER	6	E	1.2	LB A/A	PRE	100	58	0	100	58	90	88	0	100	13	95	85
13	LEXONE	75	DF	.25	LB A/A	PRE												
14	FRONTIER	6	E	1.2	LB A/A	PRE	100	60	0	100	58	92	95	0	100	13	97	90
14	LEXONE	75	DF	.375	LB A/A	PRE												
15	FRONTIER	6	E	1.2	LB A/A	PRE	100	88	0	100	88	95	97	0	100	77	98	93
15	SCEPTER	70	WG	.125	LB A/A	PRE												
16	FRONTIER	6	E	1.2	LB A/A	PRE	100	92	0	100	90	95	98	0	97	78	97	97
16	CLASSIC	25	DF	.025	LB A/A	PRE												
17	Weedy Check						0	0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						0.0	8.2	0.0	1.2	9.0	22.6	5.4	0.0	3.1	10.9	4.5	9.4
	Standard Deviation						0.0	4.9	0.0	0.7	5.4	13.6	3.2	0.0	1.9	6.5	2.7	5.7
	CV						0.0	7.0	.	0.74	7.82	15.61	3.51	.	2.01	14.44	2.98	6.19

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREEMERGENCE II

Trial ID: S6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.XANST 3.IPOHE
4.AMBTR

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 57 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILLT LOAM **% OM:** 3.36 **% Sand:** 8.4 **% Silt:** 66 **% Clay:** 26
pH: 6.1 **CEC:** 20.9 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96					
Time of Day:	11 AM					
Application Method:	BROADCAST					
Application Timing:	PRE					
Applic. Placement:	SURFACE					
Air Temp., Unit:	51 F					
% Relative Humidity:	80					
Wind Velocity, Unit:	4.4 MPH					
Soil Temp., Unit:	57 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	10					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA						

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA						
XANST						
IPOHE						
AMBTR						

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREEMERGENCE II

Trial ID: S6012 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	25 GPA					
Propellant:	CO2					

Dept. of Agronomy, Univ. of KY
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SOYBEAN PREPLANT INCORPORATED

Trial ID: S6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	PHBPU	XANST	GLYMA	SETFA	CHEAL	PHBPU	XANST
Weed Code							GGGG	BBBB	GLYMA	SETFA	CHEAL	PHBPU	XANST	GLYMA	SETFA	CHEAL	PHBPU	XANST
Crop Code																		
Part Rated																		
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																		
Footnote Number																		
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0	0	0
1	AUTHORITY	75	DF	.375	LB A/A	PPI	93	83	0	93	100	90	83	0	93	100	90	80
1	SENCOR	75	DF	.225	LB A/A	PPI												
1	DUAL II	7.8	EC	2	LB A/A	PPI												
2	AUTHORITY	75	DF	.375	LB A/A	PPI	100	90	0	100	100	97	90	0	100	100	97	90
2	SENCOR	75	DF	.225	LB A/A	PPI												
2	SELECT	2	EC	.094	LB A/A	MP												
2	COC		L	1	QT/A	MP												
3	AUTHORITY	75	DF	.2	LB A/A	PRE	93	87	0	97	100	88	90	0	93	100	88	87
3	F6025	25	DF	.04	LB A/A	PRE												
3	DUAL II	7.8	EC	2	LB A/A	PRE												
4	AUTHORITY	75	DF	.21	LB A/A	PRE	100	90	0	100	100	93	93	0	100	100	93	93
4	F6025	25	DF	.04	LB A/A	PRE												
4	SELECT	2	EC	.094	LB A/A	MP												
4	COC		L	1	QT/A	MP												
5	FIRSTRATE	84	W	.031	LB A/A	PPI	63	73	0	63	82	82	88	0	50	82	82	72
5	TREFLAN HFP	4	EC	1	LB A/A	PPI												
6	FIRSTRATE	84	W	.039	LB A/A	PPI	87	83	0	87	100	90	87	0	87	100	90	87
6	TREFLAN HFP	4	EC	1	LB A/A	PPI												
7	BROADSTRIKE + TREFLA	3.65	E	.91	LB A/A	PPI	83	83	0	83	100	83	95	0	80	100	83	95
8	BROADSTRIKE + TREFLA	3.65	E	.91	LB A/A	PPI	63	93	0	63	100	100	93	0	57	100	100	93
8	FIRSTRATE	84	W	.016	LB A/A	MP												
8	COC		L	1	QT/A	MP												
9	BROADSTRIKE + TREFLA	3.65	E	.91	LB A/A	PPI	87	97	0	90	100	97	97	0	90	100	97	100
9	FLUMETSULAM	80	WG	.006	LB A/A	PPI												
9	FIRSTRATE	84	W	.016	LB A/A	MP												
9	COC		L	1	QT/A	MP												
10	BROADSTRIKE + TREFLA	3.65	E	.91	LB A/A	PPI	90	97	0	90	100	97	100	0	90	100	97	100
10	REFLEX	2	EC	.375	LB A/A	MP												
10	COC		L	1	QT/A	MP												
11	TREFLAN HFP	4	EC	.75	LB A/A	PPI	87	87	0	93	90	93	93	0	87	90	93	93
11	FIRSTRATE	84	W	.016	LB A/A	MP												
11	COC		L	1.2	QT/A	MP												

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREPLANT INCORPORATED

Trial ID: S6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	PHBPU	XANST	GLYMA	SETFA	CHEAL	PHBPU	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	PHBPU	XANST	GLYMA	SETFA	CHEAL	PHBPU	XANST
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
12	TREFLAN HFP	4	EC	.75	LB A/A	PPI	90	93	0	93	97	97	93	0	90	97	97	93
12	FIRSTRATE	84	W	.016	LB A/A	MP												
12	FLUMETSULAM	80	WG	.006	LB A/A	MP												
12	COC		L	1.2	QT/A	MP												
13	TREFLAN HFP	4	EC	.75	LB A/A	PPI	97	93	0	97	97	97	93	0	100	97	97	93
13	REFLEX	2	EC	.375	LB A/A	MP												
13	COC		L	1	QT/A	MP												
14	PROWL	3.3	EC	.124	LB A/A	PPI	97	90	0	100	97	97	97	0	97	97	97	97
14	PURSUIT	70	DF	.063	LB A/A	MP												
14	SUNIT		L	.75	QT/A	MP												
14	LIQUID N		L	1	QT/A	MP												
15	PROWL	3.3	EC	.124	LB A/A	PPI	100	90	0	100	100	93	90	0	100	100	93	87
15	RAPTOR	1	E	.032	LB A/A	MP												
15	SUNIT		L	.75	QT/A	MP												
15	LIQUID N		L	1	QT/A	MP												
16	PROWL	3.3	EC	.124	LB A/A	PPI	100	90	0	100	100	97	93	0	100	100	97	93
16	RAPTOR	1	E	.032	LB A/A	MP												
16	STATUS	2	EC	.156	LB A/A	MP												
16	SUNIT		L	.75	QT/A	MP												
16	LIQUID N		L	1	QT/A	MP												
17	PROWL	3.3	EC	.124	LB A/A	PPI	100	90	0	100	97	90	93	0	97	97	90	93
17	RAPTOR	1	E	.04	LB A/A	MP												
17	SUNIT		L	.75	QT/A	MP												
17	LIQUID N		L	1	QT/A	MP												
18	PROWL	3.3	EC	.124	LB A/A	PPI	100	93	0	100	100	93	93	0	100	100	93	87
18	RAPTOR	1	E	.04	LB A/A	MP												
18	STATUS	2	EC	.156	LB A/A	MP												
18	SUNIT		L	.75	QT/A	MP												
18	LIQUID N		L	1	QT/A	MP												
19	PROWL	3.3	EC	1.24	LB A/A	PPI	100	97	0	100	100	97	93	0	100	100	97	93
19	PURSUIT	70	DF	.063	LB A/A	MP												
19	PINNACLE	25	DF	.002	LB A/A	MP												
19	SUNIT		L	.75	QT/A	MP												
19	LIQUID N		L	1	QT/A	MP												

Dept. of Agronomy, Univ. of KY
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SOYBEAN PREPLANT INCORPORATED

Trial ID: S6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	PHBPU	XANST	GLYMA	SETFA	CHEAL	PHBPU	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	PHBPU	XANST	GLYMA	SETFA	CHEAL	PHBPU	XANST
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
20	Weedy Check						0	0	0	0	33	0	0	0	0	33	0	0
	LSD (P=.05)						6.9	7.0	0.1	6.0	21.7	8.4	7.2	0.0	12.4	21.7	8.4	13.3
	Standard Deviation						4.2	4.2	0.1	3.7	13.1	5.1	4.4	0.0	7.5	13.1	5.1	8.1
	CV						4.81	4.96	774.6	4.19	13.9	5.73	5.0	.	8.79	13.9	5.73	9.36

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREPLANT INCORPORATED

Trial ID: S6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.CHEAL 3.PHBPU
4.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 59 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.17 **% Sand:** 13 **% Silt:** 57 **% Clay:** 30
pH: 6.1 **CEC:** 21.6 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	5-14-96	5-31-96			
Time of Day:	10 AM	1 PM	10 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PPI	PRE	MP			
Applic. Placement:	SURFACE	SURFACE	FOLIAR			
Air Temp., Unit:	48 F	58 F	53 F			
% Relative Humidity:	80	60	80			
Wind Velocity, Unit:	4.4 MPH	4.8 MPH	4.2 MPH			
Soil Temp., Unit:	52 F	60 F	64 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	15	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA			MP 1 TR 6 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN PREPLANT INCORPORATED

Trial ID: S6013 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA			4 LVS 4 IN			
CHEAL			5-6 LVS 2-3 IN			
PHBPU			3 LVS 4 IN			
XANST			5 LVS 4 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Incorporation Equip.:	FLD CULTV					
Hours to Incorp.:	.5					
Incorp. Depth, Unit:	1.25 IN					
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

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Trial ID: S6014 Investigator:
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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Crop Code																
	Part Rated																
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																
	Footnote Number																
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	AXIOM	68	DF	.77	LB A/A	PRE	100	90	7	100	100	100	100	100	90	97	97
1	PURSUIT	70	DF	.063	LB A/A	MP											
1	SUNIT		L	.75	QT/A	MP											
1	LIQUID N		L	1	QT/A	MP											
2	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	0	100	100	100	100	100	87	90	97
2	PURSUIT	70	DF	.063	LB A/A	MP											
2	SUNIT		L	.75	QT/A	MP											
2	LIQUID N		L	1	QT/A	MP											
3	FRONTIER	6	E	1.2	LB A/A	PRE	100	85	0	100	100	100	80	100	93	100	97
3	PURSUIT	70	DF	.063	LB A/A	2TR											
3	SUNIT		L	.75	QT/A	2TR											
3	LIQUID N		L	1	QT/A	2TR											
4	FRONTIER	6	E	1.2	LB A/A	2TR	17	80	0	17	100	100	87	100	90	97	97
4	REFLEX	2	EC	.375	LB A/A	2TR											
4	COC		L	1	QT/A	2TR											
5	FRONTIER	6	E	1.2	LB A/A	2TR	97	57	0	97	100	90	43	100	92	97	100
5	SELECT	2	EC	.047	LB A/A	2TR											
5	REFLEX	2	EC	.375	LB A/A	+7D											
5	COC		L	1	QT/A	+7D											
6	FRONTIER	6	E	1.2	LB A/A	2TR	97	63	0	97	100	93	43	100	90	97	97
6	SELECT	2	EC	.094	LB A/A	2TR											
6	REFLEX	2	EC	.375	LB A/A	+7D											
6	COC		L	1	QT/A	+7D											
7	SAN 1289H	6	EC	.7	LB A/A	PRE	100	88	5	100	100	100	100	100	87	100	93
7	CGA 277476	75	WG	.07	LB A/A	EP											
7	ACTIVATOR 90			.25	% V/V	EP											
7	LIQUID N		L	2	QT/A	EP											
8	SAN 1289H	6	EC	.7	LB A/A	PRE	100	92	0	100	100	100	100	100	92	100	92
8	CGA 277476	75	WG	.06	LB A/A	EP											
8	CGA 248757	4.75	WP	.004	LB A/A	EP											
8	ACTIVATOR 90			.25	% V/V	EP											
8	LIQUID N		L	2	QT/A	EP											

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code																
	Crop Code																
	Part Rated																
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																
	Footnote Number																
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
9	SAN 1289H	6	EC	.7	LB A/A	PRE	100	97	0	100	100	100	100	100	97	100	97
9	CGA 277476	75	WG	.06	LB A/A	EP											
9	BLAZER	2	L	.375	LB A/A	EP											
9	ACTIVATOR 90			.25	% V/V	EP											
10	DUAL II	7.8	EC	2	LB A/A	PRE	100	88	0	100	100	100	100	100	90	100	90
10	CGA 277476	75	WG	.07	LB A/A	EP											
10	ACTIVATOR 90			.25	% V/V	EP											
10	LIQUID N		L	2	QT/A	EP											
11	DUAL II	7.8	EC	2	LB A/A	PRE	100	83	0	100	100	100	100	100	90	100	83
11	CGA 277476	75	WG	.056	LB A/A	EP											
11	CGA 248757	4.75	WP	.004	LB A/A	EP											
11	ACTIVATOR 90			.25	% V/V	EP											
11	LIQUID N		L	2	QT/A	EP											
12	DUAL II	7.8	EC	2	LB A/A	PRE	100	95	0	100	100	100	100	100	97	100	95
12	CGA 277476	75	WG	.056	LB A/A	EP											
12	BLAZER	2	L	.375	LB A/A	EP											
12	ACTIVATOR 90			.25	% V/V	EP											
13	DUAL II	7.8	EC	2	LB A/A	PRE	100	87	0	100	100	100	100	100	97	97	87
13	CGA 277476	75	WG	.056	LB A/A	EP											
13	PINNACLE	25	DF	.004	LB A/A	EP											
13	ACTIVATOR 90			.25	% V/V	EP											
14	DUAL II	7.8	EC	2	LB A/A	PRE	100	95	3	100	100	100	100	100	97	100	93
14	CGA 277476	75	WG	.056	LB A/A	EP											
14	COBRA	2	EC	.125	LB A/A	EP											
14	ACTIVATOR 90			.25	% V/V	EP											
15	DUAL II	7.8	EC	2	LB A/A	PRE	100	78	0	100	100	90	100	100	87	87	90
15	CGA 248757	4.75	WP	.004	LB A/A	MP											
15	COC		L	1	QT/A	MP											
16	DUAL II	7.8	EC	2	LB A/A	PRE	100	73	0	100	100	67	92	100	92	83	97
16	CGA 248757	4.75	WP	.005	LB A/A	MP											
16	COC		L	1	QT/A	MP											

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Crop Code																
	Part Rated																
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																
	Footnote Number																
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
17	DUAL II	7.8	EC	2	LB A/A	PRE	100	87	0	100	100	70	100	100	97	90	100
17	CGA 248757	4.75	WP	.004	LB A/A	MP											
17	CGA 277476	75	WG	.059	LB A/A	MP											
17	COC		L	1	QT/A	MP											
18	DUAL II	7.8	EC	2	LB A/A	PRE	100	90	13	100	100	100	97	100	87	82	100
18	CGA 248757	4.75	WP	.004	LB A/A	MP											
18	REFLEX	2	EC	.375	LB A/A	MP											
18	COC		L	1	QT/A	MP											
19	DUAL II	7.8	EC	2	LB A/A	PRE	100	90	0	100	100	97	97	100	87	87	97
19	PURSUIT	70	DF	.063	LB A/A	MP											
19	SUNIT		L	.75	QT/A	MP											
19	LIQUID N		L	1	QT/A	MP											
20	CLASSIC	25	DF	.008	LB A/A	MP	50	77	0	47	100	83	87	100	87	90	93
20	COBRA	2	EC	.063	LB A/A	MP											
20	COBRA	2	EC	.5	QT/A	MP											
20	ASSURE II	0.8	EC	.055	LB A/A	+7D											
20	COC		L	1	QT/A	+7D											
21	FUSION	2.66	EC	.208	LB A/A	LP	93	70	0	93	100	100	70	100	97	100	97
21	REFLEX	2	EC	.375	LB A/A	LP											
21	MSO		L	1	QT/A	LP											
21	LIQUID N		L	2.5	QT/A	LP											
22	FUSION	2.66	EC	.208	LB A/A	LP	97	80	0	97	100	100	75	100	100	100	93
22	FLEXSTAR	1.88	ME	.375	LB A/A	LP											
22	MSO		L	1	QT/A	LP											
22	LIQUID N		L	2.5	QT/A	LP											
23	TWISTER	1.82	CS	.513	LB A/A	LP	100	83	0	100	100	100	80	100	93	100	100
23	REFLEX	2	EC	.375	LB A/A	LP											
23	MSO		L	1	QT/A	LP											
23	LIQUID N		L	2.5	QT/A	LP											
	LSD (P=.05)						6.7	16.6	5.2	6.9	0.0	10.7	16.5	0.0	11.0	7.4	9.8
	Standard Deviation						4.1	10.1	3.2	4.2	0.0	6.5	10.0	0.0	6.6	4.5	5.9
	CV						4.34	12.07	258.14	4.51	0.0	6.81	11.19	0.0	7.24	4.7	6.26

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code														
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.														
1	AXIOM	68	DF	.77	LB A/A	PRE	0.0	100.0	100.0	100.0	100.0	100.0	95.0	100.0	100.0
1	PURSUIT	70	DF	.063	LB A/A	MP									
1	SUNIT		L	.75	QT/A	MP									
1	LIQUID N		L	1	QT/A	MP									
2	PROWL	3.3	EC	1.24	LB A/A	PRE	0.0	96.7	100.0	93.3	100.0	100.0	86.7	96.7	96.7
2	PURSUIT	70	DF	.063	LB A/A	MP									
2	SUNIT		L	.75	QT/A	MP									
2	LIQUID N		L	1	QT/A	MP									
3	FRONTIER	6	E	1.2	LB A/A	PRE	0.0	100.0	100.0	95.0	88.3	100.0	96.7	100.0	100.0
3	PURSUIT	70	DF	.063	LB A/A	2TR									
3	SUNIT		L	.75	QT/A	2TR									
3	LIQUID N		L	1	QT/A	2TR									
4	FRONTIER	6	E	1.2	LB A/A	2TR	0.0	36.7	100.0	100.0	86.7	100.0	90.0	100.0	100.0
4	REFLEX	2	EC	.375	LB A/A	2TR									
4	COC		L	1	QT/A	2TR									
5	FRONTIER	6	E	1.2	LB A/A	2TR	0.0	100.0	100.0	90.0	75.0	100.0	86.7	100.0	100.0
5	SELECT	2	EC	.047	LB A/A	2TR									
5	REFLEX	2	EC	.375	LB A/A	+7D									
5	COC		L	1	QT/A	+7D									
6	FRONTIER	6	E	1.2	LB A/A	2TR	0.0	100.0	100.0	93.3	40.0	96.7	83.3	100.0	100.0
6	SELECT	2	EC	.094	LB A/A	2TR									
6	REFLEX	2	EC	.375	LB A/A	+7D									
6	COC		L	1	QT/A	+7D									
7	SAN 1289H	6	EC	.7	LB A/A	PRE	3.3	96.7	100.0	93.3	96.7	100.0	83.3	100.0	96.7
7	CGA 277476	75	WG	.07	LB A/A	EP									
7	ACTIVATOR 90			.25	% V/V	EP									
7	LIQUID N		L	2	QT/A	EP									
8	SAN 1289H	6	EC	.7	LB A/A	PRE	0.0	96.7	100.0	96.7	100.0	100.0	86.7	96.7	96.7
8	CGA 277476	75	WG	.06	LB A/A	EP									
8	CGA 248757	4.75	WP	.004	LB A/A	EP									
8	ACTIVATOR 90			.25	% V/V	EP									
8	LIQUID N		L	2	QT/A	EP									

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.														
9	SAN 1289H	6	EC	.7	LB A/A	PRE	0.0	96.7	100.0	96.7	100.0	100.0	85.0	100.0	88.3
9	CGA 277476	75	WG	.06	LB A/A	EP									
9	BLAZER	2	L	.375	LB A/A	EP									
9	ACTIVATOR 90			.25	% V/V	EP									
10	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	96.7	100.0	100.0	88.3	100.0	93.3
10	CGA 277476	75	WG	.07	LB A/A	EP									
10	ACTIVATOR 90			.25	% V/V	EP									
10	LIQUID N		L	2	QT/A	EP									
11	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	96.7	100.0	93.3	96.7	100.0	76.7	100.0	80.0
11	CGA 277476	75	WG	.056	LB A/A	EP									
11	CGA 248757	4.75	WP	.004	LB A/A	EP									
11	ACTIVATOR 90			.25	% V/V	EP									
11	LIQUID N		L	2	QT/A	EP									
12	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	93.3	100.0	96.7	96.7	100.0	90.0	96.7	90.0
12	CGA 277476	75	WG	.056	LB A/A	EP									
12	BLAZER	2	L	.375	LB A/A	EP									
12	ACTIVATOR 90			.25	% V/V	EP									
13	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	93.3	100.0	88.3	100.0	100.0	83.3	93.3	88.3
13	CGA 277476	75	WG	.056	LB A/A	EP									
13	PINNACLE	25	DF	.004	LB A/A	EP									
13	ACTIVATOR 90			.25	% V/V	EP									
14	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	93.3	100.0	100.0	96.7	100.0	86.7	100.0	86.7
14	CGA 277476	75	WG	.056	LB A/A	EP									
14	COBRA	2	EC	.125	LB A/A	EP									
14	ACTIVATOR 90			.25	% V/V	EP									
15	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	96.7	100.0	76.7	91.7	100.0	90.0	100.0	83.3
15	CGA 248757	4.75	WP	.004	LB A/A	MP									
15	COC		L	1	QT/A	MP									
16	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	40.0	86.7	100.0	83.3	100.0	93.3
16	CGA 248757	4.75	WP	.005	LB A/A	MP									
16	COC		L	1	QT/A	MP									

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Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.														
17	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	96.7	100.0	66.7	100.0	100.0	96.7	96.7	93.3
17	CGA 248757	4.75	WP	.004	LB A/A	MP									
17	CGA 277476	75	WG	.059	LB A/A	MP									
17	COC		L	1	QT/A	MP									
18	DUAL II	7.8	EC	2	LB A/A	PRE	3.3	100.0	100.0	100.0	90.0	100.0	56.7	100.0	96.7
18	CGA 248757	4.75	WP	.004	LB A/A	MP									
18	REFLEX	2	EC	.375	LB A/A	MP									
18	COC		L	1	QT/A	MP									
19	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	90.0	90.0	100.0	86.7	100.0	93.3
19	PURSUIT	70	DF	.063	LB A/A	MP									
19	SUNIT		L	.75	QT/A	MP									
19	LIQUID N		L	1	QT/A	MP									
20	CLASSIC	25	DF	.008	LB A/A	MP	0.0	100.0	100.0	83.3	73.3	100.0	85.0	100.0	96.7
20	COBRA	2	EC	.063	LB A/A	MP									
20	COBRA	2	EC	.5	QT/A	MP									
20	ASSURE II	0.8	EC	.055	LB A/A	+7D									
20	COC		L	1	QT/A	+7D									
21	FUSION	2.66	EC	.208	LB A/A	LP	0.0	90.0	100.0	100.0	66.7	100.0	86.7	100.0	96.7
21	REFLEX	2	EC	.375	LB A/A	LP									
21	MSO		L	1	QT/A	LP									
21	LIQUID N		L	2.5	QT/A	LP									
22	FUSION	2.66	EC	.208	LB A/A	LP	0.0	96.7	100.0	93.3	76.7	100.0	90.0	100.0	96.7
22	FLEXSTAR	1.88	ME	.375	LB A/A	LP									
22	MSO		L	1	QT/A	LP									
22	LIQUID N		L	2.5	QT/A	LP									
23	TWISTER	1.82	CS	.513	LB A/A	LP	0.0	100.0	100.0	100.0	73.3	100.0	90.0	100.0	100.0
23	REFLEX	2	EC	.375	LB A/A	LP									
23	MSO		L	1	QT/A	LP									
23	LIQUID N		L	2.5	QT/A	LP									
	LSD (P=.05)						2.84	9.62	0.00	16.99	15.95	1.99	17.07	5.70	9.63
	Standard Deviation						1.72	5.83	0.00	10.30	9.67	1.20	10.34	3.45	5.84
	CV						594.0	6.15	0.0	11.37	10.98	1.21	12.0	3.48	6.2

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE

Trial ID: S6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.														
1	AXIOM	68	DF	.77	LB A/A	PRE	0.0	100.0	100.0	96.7	100.0	100.0	91.7	100.0	100.0
1	PURSUIT	70	DF	.063	LB A/A	MP									
1	SUNIT		L	.75	QT/A	MP									
1	LIQUID N		L	1	QT/A	MP									
2	PROWL	3.3	EC	1.24	LB A/A	PRE	0.0	96.7	100.0	83.3	100.0	100.0	86.7	93.3	96.7
2	PURSUIT	70	DF	.063	LB A/A	MP									
2	SUNIT		L	.75	QT/A	MP									
2	LIQUID N		L	1	QT/A	MP									
3	FRONTIER	6	E	1.2	LB A/A	PRE	0.0	100.0	100.0	95.0	88.3	100.0	96.7	100.0	100.0
3	PURSUIT	70	DF	.063	LB A/A	2TR									
3	SUNIT		L	.75	QT/A	2TR									
3	LIQUID N		L	1	QT/A	2TR									
4	FRONTIER	6	E	1.2	LB A/A	2TR	0.0	36.7	100.0	100.0	86.7	100.0	90.0	100.0	100.0
4	REFLEX	2	EC	.375	LB A/A	2TR									
4	COC		L	1	QT/A	2TR									
5	FRONTIER	6	E	1.2	LB A/A	2TR	0.0	100.0	100.0	90.0	65.0	100.0	86.7	100.0	100.0
5	SELECT	2	EC	.047	LB A/A	2TR									
5	REFLEX	2	EC	.375	LB A/A	+7D									
5	COC		L	1	QT/A	+7D									
6	FRONTIER	6	E	1.2	LB A/A	2TR	0.0	100.0	100.0	93.3	40.0	96.7	76.7	100.0	100.0
6	SELECT	2	EC	.094	LB A/A	2TR									
6	REFLEX	2	EC	.375	LB A/A	+7D									
6	COC		L	1	QT/A	+7D									
7	SAN 1289H	6	EC	.7	LB A/A	PRE	0.0	96.7	100.0	90.0	96.7	100.0	80.0	100.0	93.3
7	CGA 277476	75	WG	.07	LB A/A	EP									
7	ACTIVATOR 90			.25	% V/V	EP									
7	LIQUID N		L	2	QT/A	EP									
8	SAN 1289H	6	EC	.7	LB A/A	PRE	0.0	96.7	100.0	96.7	100.0	100.0	86.7	96.7	96.7
8	CGA 277476	75	WG	.06	LB A/A	EP									
8	CGA 248757	4.75	WP	.004	LB A/A	EP									
8	ACTIVATOR 90			.25	% V/V	EP									
8	LIQUID N		L	2	QT/A	EP									

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE

Trial ID: S6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
	Crop Code														
	Part Rated														
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.														
9	SAN 1289H	6	EC	.7	LB A/A	PRE	0.0	96.7	100.0	95.0	100.0	100.0	78.3	100.0	88.3
9	CGA 277476	75	WG	.06	LB A/A	EP									
9	BLAZER	2	L	.375	LB A/A	EP									
9	ACTIVATOR 90			.25	% V/V	EP									
10	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	95.0	100.0	100.0	88.3	100.0	93.3
10	CGA 277476	75	WG	.07	LB A/A	EP									
10	ACTIVATOR 90			.25	% V/V	EP									
10	LIQUID N		L	2	QT/A	EP									
11	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	96.7	100.0	86.7	96.7	100.0	76.7	100.0	80.0
11	CGA 277476	75	WG	.056	LB A/A	EP									
11	CGA 248757	4.75	WP	.004	LB A/A	EP									
11	ACTIVATOR 90			.25	% V/V	EP									
11	LIQUID N		L	2	QT/A	EP									
12	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	93.3	100.0	96.7	96.7	100.0	86.7	96.7	86.7
12	CGA 277476	75	WG	.056	LB A/A	EP									
12	BLAZER	2	L	.375	LB A/A	EP									
12	ACTIVATOR 90			.25	% V/V	EP									
13	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	93.3	100.0	86.7	100.0	100.0	83.3	93.3	86.7
13	CGA 277476	75	WG	.056	LB A/A	EP									
13	PINNACLE	25	DF	.004	LB A/A	EP									
13	ACTIVATOR 90			.25	% V/V	EP									
14	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	90.0	100.0	96.7	96.7	100.0	83.3	100.0	86.7
14	CGA 277476	75	WG	.056	LB A/A	EP									
14	COBRA	2	EC	.125	LB A/A	EP									
14	ACTIVATOR 90			.25	% V/V	EP									
15	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	96.7	100.0	40.0	91.7	100.0	90.0	100.0	83.3
15	CGA 248757	4.75	WP	.004	LB A/A	MP									
15	COC		L	1	QT/A	MP									
16	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	36.7	76.7	100.0	83.3	100.0	93.3
16	CGA 248757	4.75	WP	.005	LB A/A	MP									
16	COC		L	1	QT/A	MP									

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SOYBEAN POSTEMERGENCE

Trial ID: S6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMBTR	CHEAL	DATST	IPOHE	IPOLA	XANST
Weed Code															
Crop Code															
Part Rated															
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date															
Footnote Number															
Trt-Eval Interval							8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P
# Subsamples, Dec.															
17	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	96.7	100.0	51.7	100.0	100.0	96.7	96.7	93.3
17	CGA 248757	4.75	WP	.004	LB A/A	MP									
17	CGA 277476	75	WG	.059	LB A/A	MP									
17	COC		L	1	QT/A	MP									
18	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	96.7	86.7	100.0	53.3	100.0	90.0
18	CGA 248757	4.75	WP	.004	LB A/A	MP									
18	REFLEX	2	EC	.375	LB A/A	MP									
18	COC		L	1	QT/A	MP									
19	DUAL II	7.8	EC	2	LB A/A	PRE	0.0	100.0	100.0	78.3	86.7	100.0	86.7	100.0	93.3
19	PURSUIT	70	DF	.063	LB A/A	MP									
19	SUNIT		L	.75	QT/A	MP									
19	LIQUID N		L	1	QT/A	MP									
20	CLASSIC	25	DF	.008	LB A/A	MP	0.0	100.0	100.0	83.3	66.7	100.0	81.7	100.0	96.7
20	COBRA	2	EC	.063	LB A/A	MP									
20	COBRA	2	EC	.5	QT/A	MP									
20	ASSURE II	0.8	EC	.055	LB A/A	+7D									
20	COC		L	1	QT/A	+7D									
21	FUSION	2.66	EC	.208	LB A/A	LP	0.0	90.0	100.0	100.0	66.7	100.0	86.7	100.0	96.7
21	REFLEX	2	EC	.375	LB A/A	LP									
21	MSO		L	1	QT/A	LP									
21	LIQUID N		L	2.5	QT/A	LP									
22	FUSION	2.66	EC	.208	LB A/A	LP	0.0	96.7	100.0	93.3	76.7	100.0	90.0	100.0	96.7
22	FLEXSTAR	1.88	ME	.375	LB A/A	LP									
22	MSO		L	1	QT/A	LP									
22	LIQUID N		L	2.5	QT/A	LP									
23	TWISTER	1.82	CS	.513	LB A/A	LP	0.0	100.0	100.0	100.0	73.3	100.0	90.0	100.0	100.0
23	REFLEX	2	EC	.375	LB A/A	LP									
23	MSO		L	1	QT/A	LP									
23	LIQUID N		L	2.5	QT/A	LP									
LSD (P=.05)							0.00	9.45	0.00	18.21	19.41	1.99	16.95	6.64	10.92
Standard Deviation							0.00	5.73	0.00	11.04	11.76	1.20	10.27	4.03	6.62
CV							.	6.05	0.0	12.81	13.58	1.21	12.11	4.07	7.08

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE

Trial ID: S6014 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.ABUTH 3.AMBTR
4.CHEAL 5.DATST 6.IPOHE
7.IPOLA 8.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 59 F **Soil Moisture:** ABOVE NORML **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.36 **% Sand:** 8.4 **% Silt:** 66 **% Clay:** 26
pH: 6.1 **CEC:** 20.9 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	5-29-96	6-6-96	6-13-96	6-13-96	6-20-96
Time of Day:	10 AM	11 AM	9:30 AM	10 AM	10:30 AM	1 PM
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	EP	MP	2 TR	LP	2TR + 7D
Applic. Placement:	SURFACE	SURFACE	FOLIAR	FOLIAR	FOLIAR	FOLIAR
Air Temp., Unit:	48 F	59 F	63 F	64 F	65 F	81 F
% Relative Humidity:	80	90	85	80	80	75
Wind Velocity, Unit:	4.4 MPH	4 MPH	3.4 MPH	4 MPH	4 MPH	5 MPH
Soil Temp., Unit:	52 F	65 F	66 F	68 F	69 F	83 F
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE
% Cloud Cover:	10	10	15	10	10	10

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 GLYMA Stage:	PRE	EP	MP	2 TR	LP	2TR + 7D
		0 TR	1 TR	2 TR	2 TR	4 TR
		1 IN	6 IN	9 IN	9 IN	15 IN

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SOYBEAN POSTEMERGENCE

Trial ID: S6014 Investigator:
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WEED STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Weed 1	**SETFA** **Stage:**	PRE	2 LVS	4 LVS	6 LVS	6LVS	7-8 LVS
			2 IN	4 IN	6 IN	6 IN	8-9 IN
	ABUTH		2 LVS	4 LVS	6 LVS	6 LVS	7-8 LVS
			1-3 IN	2-4 IN	6-8 IN	6-8 IN	10 IN
	AMBTR		3 LVS	4-6 LVS	8 LVS	8 LVS	10 LVS
			2 IN	2-4 IN	8 IN	8 IN	11 IN
	CHEAL		2 LVS	5-6 LVS	5 LVS	5 LVS	7-8 LVS
			1-3 IN	2-3 IN	5 IN	5 IN	9 IN
	DATST		2 LVS	4 LVS	6 LVS	6 LVS	7 LVS
			1 IN	3 IN	6 IN	6 IN	9 IN
	IPOHE		2 LVS	3 LVS	6 LVS	6 LVS	8-10 LVS
			2 IN	4 IN	8 IN	8 IN	12 IN
	IPOLA		2 LVS	3 LVS	6 LVS	6 LVS	8-10 LVS
			2 IN	4 IN	8 IN	8 IN	12 IN
	XANST		3 LVS	5 LVS	6 LVS	6 LVS	9 LVS
			2 IN	4 IN	8 IN	8 IN	13 IN

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK	BACKPACK	BACKPACK
Operating Pressure:	30	30	30	30	30	30
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	FAN
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	20 IN
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT	5 FT	5 FT
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	19 IN
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH
Carrier:	WATER	WATER	WATER	WATER	WATER	WATER
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA
Propellant:	CO2	CO2	CO2	CO2	CO2	CO2

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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	PURSUIT	70	DF	.063	LB A/A	MP	93	90	3	93	93	90	90
1	SUNIT		L	.5	QT/A	MP							
1	LIQUID N		L	1	QT/A	MP							
2	PURSUIT	70	DF	.063	LB A/A	MP	97	87	10	100	87	60	90
2	PRESTIGE	1	E	.09	LB A/A	MP							
2	SUNIT		L	.5	QT/A	MP							
2	LIQUID N		L	1	QT/A	MP							
3	PURSUIT	70	DF	.063	LB A/A	MP	100	87	3	100	93	83	93
3	PRESTIGE	1	E	.125	LB A/A	MP							
3	SUNIT		L	.5	QT/A	MP							
3	LIQUID N		L	1	QT/A	MP							
4	PURSUIT	70	DF	.063	LB A/A	MP	100	87	3	100	97	83	90
4	PRESTIGE	1	E	.156	LB A/A	MP							
4	SUNIT		L	.5	QT/A	MP							
4	LIQUID N		L	1	QT/A	MP							
5	PURSUIT	70	DF	.063	LB A/A	MP	100	90	7	100	90	83	90
5	PRESTIGE	1	E	.313	LB A/A	MP							
5	SUNIT		L	.5	QT/A	MP							
5	LIQUID N		L	1	QT/A	MP							
6	PURSUIT	70	DF	.063	LB A/A	MP	100	90	0	100	93	83	97
6	SCEPTER	70	WG	.024	LB A/A	MP							
6	SUNIT		L	.5	QT/A	MP							
6	LIQUID N		L	1	QT/A	MP							
7	SQUADRON	2.33	EC	.87	LB A/A	PRE	100	90	3	100	90	100	90
7	PRESTIGE	1	E	.141	LB A/A	MP							
7	SUNIT		L	.5	QT/A	MP							
7	LIQUID N		L	1	QT/A	MP							
8	RAPTOR	1	E	.032	LB A/A	MP	90	87	0	90	87	90	87
8	SUNIT		L	.5	QT/A	MP							
8	LIQUID N		L	1	QT/A	MP							
9	RAPTOR	1	E	.04	LB A/A	MP	93	90	0	97	90	93	90
9	SUNIT		L	.5	QT/A	MP							
9	LIQUID N		L	1	QT/A	MP							

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
10	CONCERT	25	DF	.008	LB A/A	MP	97	87	0	97	83	100	90
10	ASSURE II	0.8	EC	.055	LB A/A	MP							
10	ACTIVATOR 90			.25	% V/V	MP							
10	LIQUID N		L	2	QT/A	MP							
11	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	3	100	83	100	90
11	RAPTOR	1	E	.04	LB A/A	MP							
11	COC		L	1	QT/A	MP							
11	LIQUID N		L	1	QT/A	MP							
12	PURSUIT	70	DF	.063	LB A/A	MP	90	90	20	90	97	100	97
12	STATUS	2	EC	.25	LB A/A	MP							
12	COC		L	.75	QT/A	MP							
12	LIQUID N		L	1	QT/A	MP							
13	COBRA	2	EC	.094	LB A/A	MP	40	87	17	43	87	97	90
13	SUNIT		L	.75	QT/A	MP							
13	LIQUID N		L	1	QT/A	MP							
14	STATUS	2	EC	.125	LB A/A	MP	77	87	7	77	80	93	87
14	SUNIT		L	.75	QT/A	MP							
14	LIQUID N		L	1	QT/A	MP							
15	STATUS	2	EC	.188	LB A/A	MP	87	87	17	87	83	97	90
15	SUNIT		L	.75	QT/A	MP							
15	LIQUID N		L	1	QT/A	MP							
16	STATUS	2	EC	.25	LB A/A	MP	90	90	23	90	90	100	87
16	SUNIT		L	.75	QT/A	MP							
16	LIQUID N		L	1	QT/A	MP							
17	PURSUIT	70	DF	.063	LB A/A	MP	97	90	13	100	97	97	93
17	COBRA	2	EC	.094	LB A/A	MP							
17	SUNIT		L	.75	QT/A	MP							
17	LIQUID N		L	1	QT/A	MP							
18	PURSUIT	70	DF	.063	LB A/A	MP	93	90	17	100	93	100	97
18	STATUS	2	EC	.125	LB A/A	MP							
18	SUNIT		L	.75	QT/A	MP							
18	LIQUID N		L	1	QT/A	MP							

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
19	PURSUIT	70	DF	.063	LB A/A	MP	90	90	27	97	90	100	90
19	STATUS	2	EC	.188	LB A/A	MP							
19	SUNIT		L	.75	QT/A	MP							
19	LIQUID N		L	1	QT/A	MP							
20	PURSUIT	70	DF	.063	LB A/A	MP	90	93	27	93	97	100	93
20	STATUS	2	EC	.25	LB A/A	MP							
20	SUNIT		L	.75	QT/A	MP							
20	LIQUID N		L	1	QT/A	MP							
21	SELECT	2	EC	.094	LB A/A	MP	87	37	0	93	20	30	47
21	SUNIT		L	.75	QT/A	MP							
21	LIQUID N		L	1	QT/A	MP							
22	PRESTIGE	1	E	.094	LB A/A	MP	100	23	0	100	20	3	43
22	SUNIT		L	.75	QT/A	MP							
22	LIQUID N		L	1	QT/A	MP							
23	PRESTIGE	1	E	.141	LB A/A	MP	37	37	0	37	33	23	67
23	SUNIT		L	.75	QT/A	MP							
23	LIQUID N		L	1	QT/A	MP							
24	PRESTIGE	1	E	.188	LB A/A	MP	100	23	0	100	30	10	50
24	SUNIT		L	.75	QT/A	MP							
24	LIQUID N		L	1	QT/A	MP							
25	PURSUIT	70	DF	.063	LB A/A	MP	93	90	0	97	90	90	90
25	PRESTIGE	1	E	.094	LB A/A	MP							
25	SUNIT		L	.75	QT/A	MP							
25	LIQUID N		L	1	QT/A	MP							
26	PURSUIT	70	DF	.063	LB A/A	MP	97	90	7	100	93	83	90
26	PRESTIGE	1	E	.141	LB A/A	MP							
26	SUNIT		L	.75	QT/A	MP							
26	LIQUID N		L	1	QT/A	MP							
27	PURSUIT	70	DF	.063	LB A/A	MP	100	90	0	100	97	87	90
27	PRESTIGE	1	E	.188	LB A/A	MP							
27	SUNIT		L	.75	QT/A	MP							
27	LIQUID N		L	1	QT/A	MP							

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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	CHEAL	IPOHE
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
28	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	7	100	87	100	90
28	RAPTOR	1	E	.032	LB A/A	LMP							
28	SUNIT		L	.75	QT/A	LMP							
28	LIQUID N		L	1	QT/A	LMP							
29	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	7	100	93	100	87
29	RAPTOR	1	E	.04	LB A/A	LMP							
29	SUNIT		L	.75	QT/A	LMP							
29	LIQUID N		L	1	QT/A	LMP							
30	RAPTOR	1	E	.032	LB A/A	LMP	90	83	3	90	93	87	87
30	SUNIT		L	.75	QT/A	LMP							
30	LIQUID N		L	1	QT/A	LMP							
31	RAPTOR	1	E	.04	LB A/A	LMP	90	90	7	90	90	90	90
31	SUNIT		L	.75	QT/A	LMP							
31	LIQUID N		L	1	QT/A	LMP							
32	PURSUIT	70	DF	.063	LB A/A	LMP	87	87	10	87	90	93	87
32	PINNACLE	25	DF	.002	LB A/A	LMP							
32	ACTIVATOR 90			.25	% V/V	LMP							
32	LIQUID N		L	1	QT/A	LMP							
33	PURSUIT	70	DF	.063	LB A/A	LMP	87	90	3	87	93	100	87
33	STATUS	2	EC	.125	LB A/A	LMP							
33	ACTIVATOR 90			.25	% V/V	LMP							
33	LIQUID N		L	1	QT/A	LMP							
	LSD (P=.05)						13.0	9.4	7.9	12.9	8.7	19.2	10.1
	Standard Deviation						8.0	5.7	4.8	7.9	5.3	11.8	6.2
	CV						8.78	7.03	65.54	8.61	6.43	14.13	7.23

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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
	Weed Code						GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	PURSUIT	70	DF	.063	LB A/A	MP	0	93	97	80	90	0	93	97	77	90
1	SUNIT		L	.5	QT/A	MP										
1	LIQUID N		L	1	QT/A	MP										
2	PURSUIT	70	DF	.063	LB A/A	MP	0	93	87	77	93	0	93	87	77	93
2	PRESTIGE	1	E	.09	LB A/A	MP										
2	SUNIT		L	.5	QT/A	MP										
2	LIQUID N		L	1	QT/A	MP										
3	PURSUIT	70	DF	.063	LB A/A	MP	0	93	93	70	90	0	93	87	70	90
3	PRESTIGE	1	E	.125	LB A/A	MP										
3	SUNIT		L	.5	QT/A	MP										
3	LIQUID N		L	1	QT/A	MP										
4	PURSUIT	70	DF	.063	LB A/A	MP	0	97	97	70	90	0	97	90	67	90
4	PRESTIGE	1	E	.156	LB A/A	MP										
4	SUNIT		L	.5	QT/A	MP										
4	LIQUID N		L	1	QT/A	MP										
5	PURSUIT	70	DF	.063	LB A/A	MP	0	97	97	77	90	0	97	93	73	90
5	PRESTIGE	1	E	.313	LB A/A	MP										
5	SUNIT		L	.5	QT/A	MP										
5	LIQUID N		L	1	QT/A	MP										
6	PURSUIT	70	DF	.063	LB A/A	MP	0	97	93	73	97	0	97	90	70	97
6	SCEPTER	70	WG	.024	LB A/A	MP										
6	SUNIT		L	.5	QT/A	MP										
6	LIQUID N		L	1	QT/A	MP										
7	SQUADRON	2.33	EC	.87	LB A/A	PRE	0	97	90	100	90	0	93	83	100	90
7	PRESTIGE	1	E	.141	LB A/A	MP										
7	SUNIT		L	.5	QT/A	MP										
7	LIQUID N		L	1	QT/A	MP										
8	RAPTOR	1	E	.032	LB A/A	MP	0	90	67	83	87	0	90	50	77	87
8	SUNIT		L	.5	QT/A	MP										
8	LIQUID N		L	1	QT/A	MP										
9	RAPTOR	1	E	.04	LB A/A	MP	0	63	80	87	90	0	63	63	87	90
9	SUNIT		L	.5	QT/A	MP										
9	LIQUID N		L	1	QT/A	MP										

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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
Weed Code							GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
Crop Code																
Part Rated																
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
10	CONCERT	25	DF	.008	LB A/A	MP	0	87	73	97	87	0	87	53	97	87
10	ASSURE II	0.8	EC	.055	LB A/A	MP										
10	ACTIVATOR 90			.25	% V/V	MP										
10	LIQUID N		L	2	QT/A	MP										
11	PROWL	3.3	EC	1.24	LB A/A	PRE	0	100	77	100	90	0	100	57	100	90
11	RAPTOR	1	E	.04	LB A/A	MP										
11	COC		L	1	QT/A	MP										
11	LIQUID N		L	1	QT/A	MP										
12	PURSUIT	70	DF	.063	LB A/A	MP	3	90	93	100	93	3	90	87	100	93
12	STATUS	2	EC	.25	LB A/A	MP										
12	COC		L	.75	QT/A	MP										
12	LIQUID N		L	1	QT/A	MP										
13	COBRA	2	EC	.094	LB A/A	MP	0	23	73	90	83	0	17	60	90	83
13	SUNIT		L	.75	QT/A	MP										
13	LIQUID N		L	1	QT/A	MP										
14	STATUS	2	EC	.125	LB A/A	MP	0	63	63	87	73	0	50	50	87	73
14	SUNIT		L	.75	QT/A	MP										
14	LIQUID N		L	1	QT/A	MP										
15	STATUS	2	EC	.188	LB A/A	MP	0	80	67	90	80	0	73	50	90	80
15	SUNIT		L	.75	QT/A	MP										
15	LIQUID N		L	1	QT/A	MP										
16	STATUS	2	EC	.25	LB A/A	MP	7	87	77	90	77	7	77	57	87	77
16	SUNIT		L	.75	QT/A	MP										
16	LIQUID N		L	1	QT/A	MP										
17	PURSUIT	70	DF	.063	LB A/A	MP	0	90	97	93	90	0	90	93	93	90
17	COBRA	2	EC	.094	LB A/A	MP										
17	SUNIT		L	.75	QT/A	MP										
17	LIQUID N		L	1	QT/A	MP										
18	PURSUIT	70	DF	.063	LB A/A	MP	7	93	93	100	93	7	93	93	100	93
18	STATUS	2	EC	.125	LB A/A	MP										
18	SUNIT		L	.75	QT/A	MP										
18	LIQUID N		L	1	QT/A	MP										

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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
	Weed Code						GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
19	PURSUIT	70	DF	.063	LB A/A	MP	10	93	97	100	90	10	90	90	100	90
19	STATUS	2	EC	.188	LB A/A	MP										
19	SUNIT		L	.75	QT/A	MP										
19	LIQUID N		L	1	QT/A	MP										
20	PURSUIT	70	DF	.063	LB A/A	MP	10	90	97	100	93	10	90	93	100	93
20	STATUS	2	EC	.25	LB A/A	MP										
20	SUNIT		L	.75	QT/A	MP										
20	LIQUID N		L	1	QT/A	MP										
21	SELECT	2	EC	.094	LB A/A	MP	0	87	20	17	27	0	87	10	20	27
21	SUNIT		L	.75	QT/A	MP										
21	LIQUID N		L	1	QT/A	MP										
22	PRESTIGE	1	E	.094	LB A/A	MP	0	100	20	3	27	0	100	10	10	27
22	SUNIT		L	.75	QT/A	MP										
22	LIQUID N		L	1	QT/A	MP										
23	PRESTIGE	1	E	.141	LB A/A	MP	0	27	33	17	30	0	23	17	17	30
23	SUNIT		L	.75	QT/A	MP										
23	LIQUID N		L	1	QT/A	MP										
24	PRESTIGE	1	E	.188	LB A/A	MP	0	93	20	7	37	0	93	13	10	37
24	SUNIT		L	.75	QT/A	MP										
24	LIQUID N		L	1	QT/A	MP										
25	PURSUIT	70	DF	.063	LB A/A	MP	0	97	93	80	90	0	97	93	83	90
25	PRESTIGE	1	E	.094	LB A/A	MP										
25	SUNIT		L	.75	QT/A	MP										
25	LIQUID N		L	1	QT/A	MP										
26	PURSUIT	70	DF	.063	LB A/A	MP	0	97	90	70	90	0	93	77	60	90
26	PRESTIGE	1	E	.141	LB A/A	MP										
26	SUNIT		L	.75	QT/A	MP										
26	LIQUID N		L	1	QT/A	MP										
27	PURSUIT	70	DF	.063	LB A/A	MP	0	93	93	67	93	0	93	90	57	93
27	PRESTIGE	1	E	.188	LB A/A	MP										
27	SUNIT		L	.75	QT/A	MP										
27	LIQUID N		L	1	QT/A	MP										

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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
	Weed Code						GLYMA	SETFA	AMBTR	CHEAL	PHBPU	GLYMA	SETFA	AMBTR	CHEAL	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
28	PROWL	3.3	EC	1.24	LB A/A	PRE	0	97	80	100	83	0	97	42	100	83
28	RAPTOR	1	E	.032	LB A/A	LMP										
28	SUNIT		L	.75	QT/A	LMP										
28	LIQUID N		L	1	QT/A	LMP										
29	PROWL	3.3	EC	1.24	LB A/A	PRE	0	93	93	100	90	0	93	90	100	90
29	RAPTOR	1	E	.04	LB A/A	LMP										
29	SUNIT		L	.75	QT/A	LMP										
29	LIQUID N		L	1	QT/A	LMP										
30	RAPTOR	1	E	.032	LB A/A	LMP	0	87	90	77	87	0	87	80	83	87
30	SUNIT		L	.75	QT/A	LMP										
30	LIQUID N		L	1	QT/A	LMP										
31	RAPTOR	1	E	.04	LB A/A	LMP	0	90	90	87	90	0	90	80	87	90
31	SUNIT		L	.75	QT/A	LMP										
31	LIQUID N		L	1	QT/A	LMP										
32	PURSUIT	70	DF	.063	LB A/A	LMP	0	83	93	90	83	0	83	83	90	83
32	PINNACLE	25	DF	.002	LB A/A	LMP										
32	ACTIVATOR 90			.25	% V/V	LMP										
32	LIQUID N		L	1	QT/A	LMP										
33	PURSUIT	70	DF	.063	LB A/A	LMP	0	70	87	97	83	0	60	83	97	83
33	STATUS	2	EC	.125	LB A/A	LMP										
33	ACTIVATOR 90			.25	% V/V	LMP										
33	LIQUID N		L	1	QT/A	LMP										
	LSD (P=.05)						3.9	18.4	9.8	14.3	13.8	3.9	19.3	17.2	16.3	13.8
	Standard Deviation						2.4	11.3	6.0	8.8	8.5	2.4	11.8	10.5	10.0	8.5
	CV						213.93	13.14	7.58	11.24	10.42	213.93	14.07	15.15	12.87	10.42

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
Location: LEXINGTON,KY Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMBTR 3.CHEAL
4.IPOHE

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 59 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.36 **% Sand:** 8.4 **% Silt:** 66 **% Clay:** 26
pH: 6.1 **CEC:** 20.9 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	5-31-96	6-6-96			
Time of Day:	1:30 PM	3 PM	2 PM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	LP			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	58 F	75 F	76 F			
% Relative Humidity:	50	53	78			
Wind Velocity, Unit:	4.4 MPH	4.5 MPH	5 MPH			
Soil Temp., Unit:	59 F	75 F	75 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	20	15	15			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP	LP			
		1 TR	3 TR			
		6 IN	12 IN			

SOYBEAN POSTEMERGENCE II

Trial ID: S6015 Investigator:
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WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6 LVS			
		4 IN	6 IN			
AMBTR		4-6 LVS	8 LVS			
		2-4 IN	8 IN			
CHEAL		5-6 LVS	5 LVS			
		2-3 IN	5 IN			
IPOHE		3 LVS	6 LVS			
		4 IN	8 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
1	RESOURCE	.86	EC	.027	LB A/A	MP	90	70	3	97	83	100	50	83	77
1	SUNIT		L	.5	QT/A	MP									
1	LIQUID N		L	2	QT/A	MP									
1	SELECT	2	EC	.094	LB A/A	+7D									
1	SUNIT		L	1	QT/A	+7D									
2	VC 1097	.86	EC	.027	LB A/A	MP	100	83	3	100	100	100	77	93	90
2	SUNIT		L	.5	QT/A	MP									
2	LIQUID N		L	2	QT/A	MP									
2	SELECT	2	EC	.094	LB A/A	+7D									
2	SUNIT		L	1	QT/A	+7D									
3	RESOURCE	.86	EC	.027	LB A/A	MP	100	90	10	100	93	100	93	90	83
3	GALAXY	3.67	EC	.575	LB A/A	MP									
3	SUNIT		L	.5	QT/A	MP									
3	LIQUID N		L	2	QT/A	MP									
3	SELECT	2	EC	.094	LB A/A	+7D									
3	SUNIT		L	1	QT/A	+7D									
4	RESOURCE	.86	EC	.027	LB A/A	MP	97	90	10	97	100	97	97	93	100
4	GALAXY	3.67	EC	.92	LB A/A	MP									
4	SUNIT		L	.5	QT/A	MP									
4	LIQUID N		L	2	QT/A	MP									
4	SELECT	2	EC	.094	LB A/A	+7D									
4	SUNIT		L	1	QT/A	+7D									
5	GALAXY	3.67	EC	.92	LB A/A	MP	100	90	10	100	97	100	100	87	87
5	SUNIT		L	.5	QT/A	MP									
5	LIQUID N		L	2	QT/A	MP									
5	SELECT	2	EC	.094	LB A/A	+7D									
5	SUNIT		L	1	QT/A	+7D									
6	SELECT	2	EC	.125	LB A/A	MP	100	10	0	100	10	40	37	10	10
6	SUNIT		L	1	QT/A	MP									
7	RESOURCE	.86	EC	.027	LB A/A	MP	100	93	10	100	97	100	100	97	100
7	STORM	4	EC	.75	LB A/A	MP									
7	SUNIT		L	.5	QT/A	MP									
7	LIQUID N		L	2	QT/A	MP									
7	SELECT	2	EC	.094	LB A/A	+7D									
7	SUNIT		L	1	QT/A	+7D									

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
8	RESOURCE	.86	EC	.027	LB A/A	MP	93	93	10	93	100	100	97	97	100
8	STORM	4	EC	.75	LB A/A	MP									
8	SELECT	2	EC	.125	LB A/A	MP									
8	SUNIT		L	1	QT/A	MP									
8	LIQUID N		L	2	QT/A	MP									
9	STORM	4	EC	.75	LB A/A	MP	100	93	10	100	100	100	100	93	97
9	SUNIT		L	.5	QT/A	MP									
9	LIQUID N		L	2	QT/A	MP									
9	SELECT	2	EC	.094	LB A/A	+7D									
9	SUNIT		L	1	QT/A	+7D									
10	RESOURCE	.86	EC	.027	LB A/A	MP	100	93	7	100	100	100	100	93	97
10	REFLEX	2	EC	.25	LB A/A	MP									
10	SUNIT		L	.5	QT/A	MP									
10	LIQUID N		L	2	QT/A	MP									
10	SELECT	2	EC	.094	LB A/A	+7D									
10	SUNIT		L	1	QT/A	+7D									
11	RESOURCE	.86	EC	.027	LB A/A	MP	100	100	10	100	100	100	100	100	100
11	REFLEX	2	EC	.25	LB A/A	MP									
11	SELECT	2	EC	.125	LB A/A	MP									
11	SUNIT		L	1	QT/A	MP									
11	LIQUID N		L	2	QT/A	MP									
12	REFLEX	2	EC	.25	LB A/A	MP	100	90	3	100	100	100	100	97	83
12	SUNIT		L	.5	QT/A	MP									
12	LIQUID N		L	2	QT/A	MP									
12	SELECT	2	EC	.094	LB A/A	+7D									
12	SUNIT		L	1	QT/A	+7D									
13	RESOURCE	.86	EC	.027	LB A/A	MP	100	97	10	100	100	100	97	97	100
13	CLASSIC	25	DF	.008	LB A/A	MP									
13	PINNACLE	25	DF	.0016	LB A/A	MP									
13	SUNIT		L	.5	QT/A	MP									
13	LIQUID N		L	2	QT/A	MP									
13	SELECT	2	EC	.094	LB A/A	+7D									
13	SUNIT		L	1	QT/A	+7D									

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
14	RESOURCE	.86	EC	.027	LB A/A	MP	97	87	10	97	100	100	87	93	87
14	CLASSIC	25	DF	.008	LB A/A	MP									
14	PINNACLE	25	DF	.0016	LB A/A	MP									
14	SELECT	2	EC	.094	LB A/A	MP									
14	SUNIT		L	1	QT/A	MP									
14	LIQUID N		L	2	QT/A	MP									
15	CLASSIC	25	DF	.008	LB A/A	MP	100	87	7	100	100	100	93	87	100
15	PINNACLE	25	DF	.0016	LB A/A	MP									
15	SUNIT		L	.5	QT/A	MP									
15	LIQUID N		L	2	QT/A	MP									
15	SELECT	2	EC	.094	LB A/A	+7D									
15	SUNIT		L	1	QT/A	+7D									
16	FLEXSTAR	1.88	ME	.313	LB A/A	MP	100	97	3	100	100	100	100	100	100
16	SUNIT		L	.5	QT/A	MP									
16	LIQUID N		L	2	QT/A	MP									
16	SELECT	2	EC	.094	LB A/A	+7D									
16	SUNIT		L	1	QT/A	+7D									
17	RESOURCE	.86	EC	.027	LB A/A	MP	100	97	10	100	100	100	100	97	97
17	FLEXSTAR	1.88	ME	.313	LB A/A	MP									
17	SUNIT		L	.5	QT/A	MP									
17	LIQUID N		L	2	QT/A	MP									
17	SELECT	2	EC	.094	LB A/A	+7D									
17	SUNIT		L	1	QT/A	+7D									
18	RESOURCE	.86	EC	.027	LB A/A	MP	100	93	10	97	97	93	100	67	100
18	FLEXSTAR	1.88	ME	.313	LB A/A	MP									
18	SELECT	2	EC	.094	LB A/A	MP									
18	SUNIT		L	1	QT/A	MP									
18	LIQUID N		L	2	QT/A	MP									
19	COBRA	2	EC	.125	LB A/A	MP	83	80	10	83	97	97	100	77	53
19	SELECT	2	EC	.094	LB A/A	MP									
19	COC		L	.5	QT/A	MP									
20	COBRA	2	EC	.156	LB A/A	MP	93	87	10	93	97	97	100	87	70
20	SELECT	2	EC	.094	LB A/A	MP									
20	COC		L	.5	QT/A	MP									

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
21	COBRA	2	EC	.125	LB A/A	MP	100	80	3	100	100	93	83	67	70
21	PURSUIT	70	DF	.063	LB A/A	MP									
21	COC		L	.5	QT/A	MP									
21	SELECT	2	EC	.094	LB A/A	+7D									
21	COC		L	.5	QT/A	+7D									
22	COBRA	2	EC	.125	LB A/A	MP	97	83	10	97	100	100	100	73	57
22	CLASSIC	25	DF	.006	LB A/A	MP									
22	COC		L	.5	QT/A	MP									
22	SELECT	2	EC	.094	LB A/A	+7D									
22	COC		L	.5	QT/A	+7D									
23	COBRA	2	EC	.125	LB A/A	MP	100	90	10	100	100	100	100	83	77
23	BASAGRAN	4	E	.5	LB A/A	MP									
23	COC		L	.5	QT/A	MP									
23	SELECT	2	EC	.094	LB A/A	+7D									
23	COC		L	.5	QT/A	+7D									
24	COBRA	2	EC	.094	LB A/A	MP	97	77	10	97	100	100	100	60	53
24	COC		L	.5	QT/A	MP									
24	SELECT	2	EC	.094	LB A/A	+7D									
24	COC		L	.5	QT/A	+7D									
25	COBRA	2	EC	.125	LB A/A	MP	97	87	10	97	100	100	100	83	83
25	COC		L	.5	QT/A	MP									
25	SELECT	2	EC	.094	LB A/A	+7D									
25	COC		L	.5	QT/A	+7D									
26	COBRA	2	EC	.156	LB A/A	MP	100	87	17	100	100	100	100	83	50
26	COC		L	.5	QT/A	MP									
26	SELECT	2	EC	.094	LB A/A	+7D									
26	COC		L	.5	QT/A	+7D									
27	COBRA	2	EC	.188	LB A/A	MP	100	87	13	100	100	100	100	83	100
27	COC		L	.5	QT/A	MP									
27	SELECT	2	EC	.094	LB A/A	+7D									
27	COC		L	.5	QT/A	+7D									
28	SELECT	2	EC	.063	LB A/A	MP	97	13	0	97	13	17	63	40	40
28	COC		L	1	QT/A	MP									

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
29	SELECT	2	EC	.125	LB A/A	MP	100	17	0	100	10	13	10	20	10
29	COC		L	1	QT/A	MP									
30	SELECT	2	EC	.125	LB A/A	MP	87	73	3	87	100	70	90	80	77
30	PURSUIT	70	DF	.063	LB A/A	MP									
30	COC		L	1	QT/A	MP									
31	SELECT	2	EC	.125	LB A/A	MP	93	73	3	93	97	80	73	30	100
31	CLASSIC	25	DF	.008	LB A/A	MP									
31	COC		L	1	QT/A	MP									
32	SELECT	2	EC	.125	LB A/A	MP	93	90	10	90	100	100	100	90	93
32	COBRA	2	EC	.2	LB A/A	MP									
32	COC		L	1	QT/A	MP									
33	SELECT	2	EC	.125	LB A/A	MP	100	33	0	100	13	73	43	43	7
33	BASAGRAN	4	E	.75	LB A/A	MP									
33	COC		L	.5	QT/A	MP									
34	SELECT	2	EC	.125	LB A/A	MP	83	87	13	83	100	100	100	87	67
34	PURSUIT	70	DF	.063	LB A/A	MP									
34	COBRA	2	EC	.125	LB A/A	MP									
34	COC		L	.5	QT/A	MP									
34	LIQUID N		L	2	QT/A	MP									
35	SELECT	2	EC	.125	LB A/A	MP	93	87	10	93	100	100	100	80	63
35	COBRA	2	EC	.125	LB A/A	MP									
35	CLASSIC	25	DF	.008	LB A/A	MP									
35	COC		L	.5	QT/A	MP									
36	SELECT	2	EC	.125	LB A/A	MP	93	90	10	93	100	100	100	90	73
36	BASAGRAN	4	E	.5	LB A/A	MP									
36	COBRA	2	EC	.125	LB A/A	MP									
36	COC		L	.5	QT/A	MP									
36	LIQUID N		L	2	QT/A	MP									
	LSD (P=.05)						9.2	10.8	5.5	8.2	7.3	21.1	26.1	24.2	27.6
	Standard Deviation						5.6	6.6	3.4	5.0	4.5	12.9	16.0	14.8	16.9
	CV						5.84	8.31	43.31	5.21	5.0	14.25	18.02	18.89	22.16

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	97	100	33	80	70
1	SUNIT		L	.5	QT/A	MP							
1	LIQUID N		L	2	QT/A	MP							
1	SELECT	2	EC	.094	LB A/A	+7D							
1	SUNIT		L	1	QT/A	+7D							
2	VC 1097	.86	EC	.027	LB A/A	MP	0	100	97	100	73	97	100
2	SUNIT		L	.5	QT/A	MP							
2	LIQUID N		L	2	QT/A	MP							
2	SELECT	2	EC	.094	LB A/A	+7D							
2	SUNIT		L	1	QT/A	+7D							
3	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	93	90
3	GALAXY	3.67	EC	.575	LB A/A	MP							
3	SUNIT		L	.5	QT/A	MP							
3	LIQUID N		L	2	QT/A	MP							
3	SELECT	2	EC	.094	LB A/A	+7D							
3	SUNIT		L	1	QT/A	+7D							
4	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	97	83
4	GALAXY	3.67	EC	.92	LB A/A	MP							
4	SUNIT		L	.5	QT/A	MP							
4	LIQUID N		L	2	QT/A	MP							
4	SELECT	2	EC	.094	LB A/A	+7D							
4	SUNIT		L	1	QT/A	+7D							
5	GALAXY	3.67	EC	.92	LB A/A	MP	0	100	100	100	100	87	87
5	SUNIT		L	.5	QT/A	MP							
5	LIQUID N		L	2	QT/A	MP							
5	SELECT	2	EC	.094	LB A/A	+7D							
5	SUNIT		L	1	QT/A	+7D							
6	SELECT	2	EC	.125	LB A/A	MP	0	100	10	13	67	10	10
6	SUNIT		L	1	QT/A	MP							
7	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	97	100	100	93	93
7	STORM	4	EC	.75	LB A/A	MP							
7	SUNIT		L	.5	QT/A	MP							
7	LIQUID N		L	2	QT/A	MP							
7	SELECT	2	EC	.094	LB A/A	+7D							
7	SUNIT		L	1	QT/A	+7D							

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code												
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
8	RESOURCE	.86	EC	.027	LB A/A	MP	3	97	100	100	97	97	93
8	STORM	4	EC	.75	LB A/A	MP							
8	SELECT	2	EC	.125	LB A/A	MP							
8	SUNIT		L	1	QT/A	MP							
8	LIQUID N		L	2	QT/A	MP							
9	STORM	4	EC	.75	LB A/A	MP	0	100	100	100	100	90	100
9	SUNIT		L	.5	QT/A	MP							
9	LIQUID N		L	2	QT/A	MP							
9	SELECT	2	EC	.094	LB A/A	+7D							
9	SUNIT		L	1	QT/A	+7D							
10	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	97	97
10	REFLEX	2	EC	.25	LB A/A	MP							
10	SUNIT		L	.5	QT/A	MP							
10	LIQUID N		L	2	QT/A	MP							
10	SELECT	2	EC	.094	LB A/A	+7D							
10	SUNIT		L	1	QT/A	+7D							
11	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	100	93
11	REFLEX	2	EC	.25	LB A/A	MP							
11	SELECT	2	EC	.125	LB A/A	MP							
11	SUNIT		L	1	QT/A	MP							
11	LIQUID N		L	2	QT/A	MP							
12	REFLEX	2	EC	.25	LB A/A	MP	3	100	100	100	100	100	87
12	SUNIT		L	.5	QT/A	MP							
12	LIQUID N		L	2	QT/A	MP							
12	SELECT	2	EC	.094	LB A/A	+7D							
12	SUNIT		L	1	QT/A	+7D							
13	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	100	100
13	CLASSIC	25	DF	.008	LB A/A	MP							
13	PINNACLE	25	DF	.0016	LB A/A	MP							
13	SUNIT		L	.5	QT/A	MP							
13	LIQUID N		L	2	QT/A	MP							
13	SELECT	2	EC	.094	LB A/A	+7D							
13	SUNIT		L	1	QT/A	+7D							

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code												
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
14	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	97	100	67	90	70
14	CLASSIC	25	DF	.008	LB A/A	MP							
14	PINNACLE	25	DF	.0016	LB A/A	MP							
14	SELECT	2	EC	.094	LB A/A	MP							
14	SUNIT		L	1	QT/A	MP							
14	LIQUID N		L	2	QT/A	MP							
15	CLASSIC	25	DF	.008	LB A/A	MP	0	100	100	100	100	90	70
15	PINNACLE	25	DF	.0016	LB A/A	MP							
15	SUNIT		L	.5	QT/A	MP							
15	LIQUID N		L	2	QT/A	MP							
15	SELECT	2	EC	.094	LB A/A	+7D							
15	SUNIT		L	1	QT/A	+7D							
16	FLEXSTAR	1.88	ME	.313	LB A/A	MP	0	100	97	100	100	100	97
16	SUNIT		L	.5	QT/A	MP							
16	LIQUID N		L	2	QT/A	MP							
16	SELECT	2	EC	.094	LB A/A	+7D							
16	SUNIT		L	1	QT/A	+7D							
17	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	100	100
17	FLEXSTAR	1.88	ME	.313	LB A/A	MP							
17	SUNIT		L	.5	QT/A	MP							
17	LIQUID N		L	2	QT/A	MP							
17	SELECT	2	EC	.094	LB A/A	+7D							
17	SUNIT		L	1	QT/A	+7D							
18	RESOURCE	.86	EC	.027	LB A/A	MP	0	97	100	97	100	97	97
18	FLEXSTAR	1.88	ME	.313	LB A/A	MP							
18	SELECT	2	EC	.094	LB A/A	MP							
18	SUNIT		L	1	QT/A	MP							
18	LIQUID N		L	2	QT/A	MP							
19	COBRA	2	EC	.125	LB A/A	MP	0	97	93	93	100	67	57
19	SELECT	2	EC	.094	LB A/A	MP							
19	COC		L	.5	QT/A	MP							
20	COBRA	2	EC	.156	LB A/A	MP	0	100	100	100	100	87	47
20	SELECT	2	EC	.094	LB A/A	MP							
20	COC		L	.5	QT/A	MP							

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code												
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
21	COBRA	2	EC	.125	LB A/A	MP	0	100	97	97	87	37	53
21	PURSUIT	70	DF	.063	LB A/A	MP							
21	COC		L	.5	QT/A	MP							
21	SELECT	2	EC	.094	LB A/A	+7D							
21	COC		L	.5	QT/A	+7D							
22	COBRA	2	EC	.125	LB A/A	MP	0	100	100	100	100	67	47
22	CLASSIC	25	DF	.006	LB A/A	MP							
22	COC		L	.5	QT/A	MP							
22	SELECT	2	EC	.094	LB A/A	+7D							
22	COC		L	.5	QT/A	+7D							
23	COBRA	2	EC	.125	LB A/A	MP	0	100	100	70	100	83	63
23	BASAGRAN	4	E	.5	LB A/A	MP							
23	COC		L	.5	QT/A	MP							
23	SELECT	2	EC	.094	LB A/A	+7D							
23	COC		L	.5	QT/A	+7D							
24	COBRA	2	EC	.094	LB A/A	MP	0	100	97	93	100	33	43
24	COC		L	.5	QT/A	MP							
24	SELECT	2	EC	.094	LB A/A	+7D							
24	COC		L	.5	QT/A	+7D							
25	COBRA	2	EC	.125	LB A/A	MP	0	100	100	87	100	77	80
25	COC		L	.5	QT/A	MP							
25	SELECT	2	EC	.094	LB A/A	+7D							
25	COC		L	.5	QT/A	+7D							
26	COBRA	2	EC	.156	LB A/A	MP	0	100	100	97	100	87	50
26	COC		L	.5	QT/A	MP							
26	SELECT	2	EC	.094	LB A/A	+7D							
26	COC		L	.5	QT/A	+7D							
27	COBRA	2	EC	.188	LB A/A	MP	0	100	100	100	100	67	97
27	COC		L	.5	QT/A	MP							
27	SELECT	2	EC	.094	LB A/A	+7D							
27	COC		L	.5	QT/A	+7D							
28	SELECT	2	EC	.063	LB A/A	MP	0	100	10	40	70	43	30
28	COC		L	1	QT/A	MP							
29	SELECT	2	EC	.125	LB A/A	MP	0	100	10	53	10	13	10
29	COC		L	1	QT/A	MP							

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Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Weed Code						GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL	IPOHE
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
30	SELECT	2	EC	.125	LB A/A	MP	0	93	97	70	87	83	60
30	PURSUIT	70	DF	.063	LB A/A	MP							
30	COC		L	1	QT/A	MP							
31	SELECT	2	EC	.125	LB A/A	MP	0	100	93	53	40	7	97
31	CLASSIC	25	DF	.008	LB A/A	MP							
31	COC		L	1	QT/A	MP							
32	SELECT	2	EC	.125	LB A/A	MP	0	97	100	100	100	83	93
32	COBRA	2	EC	.2	LB A/A	MP							
32	COC		L	1	QT/A	MP							
33	SELECT	2	EC	.125	LB A/A	MP	0	100	10	70	70	33	30
33	BASAGRAN	4	E	.75	LB A/A	MP							
33	COC		L	.5	QT/A	MP							
34	SELECT	2	EC	.125	LB A/A	MP	3	87	100	100	100	80	50
34	PURSUIT	70	DF	.063	LB A/A	MP							
34	COBRA	2	EC	.125	LB A/A	MP							
34	COC		L	.5	QT/A	MP							
34	LIQUID N		L	2	QT/A	MP							
35	SELECT	2	EC	.125	LB A/A	MP	0	97	100	100	100	73	30
35	COBRA	2	EC	.125	LB A/A	MP							
35	CLASSIC	25	DF	.008	LB A/A	MP							
35	COC		L	.5	QT/A	MP							
36	SELECT	2	EC	.125	LB A/A	MP	0	97	100	100	100	87	57
36	BASAGRAN	4	E	.5	LB A/A	MP							
36	COBRA	2	EC	.125	LB A/A	MP							
36	COC		L	.5	QT/A	MP							
36	LIQUID N		L	2	QT/A	MP							
	LSD (P=.05)						2.8	6.5	6.2	30.5	30.9	28.6	42.7
	Standard Deviation						1.7	4.0	3.8	18.7	18.9	17.5	26.1
	CV						608.51	4.0	4.24	20.77	21.26	23.15	37.18

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Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Weed Code						GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	87	93	47	87
1	SUNIT		L	.5	QT/A	MP						
1	LIQUID N		L	2	QT/A	MP						
1	SELECT	2	EC	.094	LB A/A	+7D						
1	SUNIT		L	1	QT/A	+7D						
2	VC 1097	.86	EC	.027	LB A/A	MP	0	100	100	100	97	97
2	SUNIT		L	.5	QT/A	MP						
2	LIQUID N		L	2	QT/A	MP						
2	SELECT	2	EC	.094	LB A/A	+7D						
2	SUNIT		L	1	QT/A	+7D						
3	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	100
3	GALAXY	3.67	EC	.575	LB A/A	MP						
3	SUNIT		L	.5	QT/A	MP						
3	LIQUID N		L	2	QT/A	MP						
3	SELECT	2	EC	.094	LB A/A	+7D						
3	SUNIT		L	1	QT/A	+7D						
4	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	97	100	100	100
4	GALAXY	3.67	EC	.92	LB A/A	MP						
4	SUNIT		L	.5	QT/A	MP						
4	LIQUID N		L	2	QT/A	MP						
4	SELECT	2	EC	.094	LB A/A	+7D						
4	SUNIT		L	1	QT/A	+7D						
5	GALAXY	3.67	EC	.92	LB A/A	MP	0	100	100	100	97	93
5	SUNIT		L	.5	QT/A	MP						
5	LIQUID N		L	2	QT/A	MP						
5	SELECT	2	EC	.094	LB A/A	+7D						
5	SUNIT		L	1	QT/A	+7D						
6	SELECT	2	EC	.125	LB A/A	MP	0	100	20	93	63	60
6	SUNIT		L	1	QT/A	MP						
7	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	97
7	STORM	4	EC	.75	LB A/A	MP						
7	SUNIT		L	.5	QT/A	MP						
7	LIQUID N		L	2	QT/A	MP						
7	SELECT	2	EC	.094	LB A/A	+7D						
7	SUNIT		L	1	QT/A	+7D						

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
8	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	93	100
8	STORM	4	EC	.75	LB A/A	MP						
8	SELECT	2	EC	.125	LB A/A	MP						
8	SUNIT		L	1	QT/A	MP						
8	LIQUID N		L	2	QT/A	MP						
9	STORM	4	EC	.75	LB A/A	MP	0	100	100	100	100	93
9	SUNIT		L	.5	QT/A	MP						
9	LIQUID N		L	2	QT/A	MP						
9	SELECT	2	EC	.094	LB A/A	+7D						
9	SUNIT		L	1	QT/A	+7D						
10	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	97
10	REFLEX	2	EC	.25	LB A/A	MP						
10	SUNIT		L	.5	QT/A	MP						
10	LIQUID N		L	2	QT/A	MP						
10	SELECT	2	EC	.094	LB A/A	+7D						
10	SUNIT		L	1	QT/A	+7D						
11	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	97
11	REFLEX	2	EC	.25	LB A/A	MP						
11	SELECT	2	EC	.125	LB A/A	MP						
11	SUNIT		L	1	QT/A	MP						
11	LIQUID N		L	2	QT/A	MP						
12	REFLEX	2	EC	.25	LB A/A	MP	0	100	100	100	100	100
12	SUNIT		L	.5	QT/A	MP						
12	LIQUID N		L	2	QT/A	MP						
12	SELECT	2	EC	.094	LB A/A	+7D						
12	SUNIT		L	1	QT/A	+7D						
13	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	100
13	CLASSIC	25	DF	.008	LB A/A	MP						
13	PINNACLE	25	DF	.0016	LB A/A	MP						
13	SUNIT		L	.5	QT/A	MP						
13	LIQUID N		L	2	QT/A	MP						
13	SELECT	2	EC	.094	LB A/A	+7D						
13	SUNIT		L	1	QT/A	+7D						

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Weed Code						GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
14	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	80	100
14	CLASSIC	25	DF	.008	LB A/A	MP						
14	PINNACLE	25	DF	.0016	LB A/A	MP						
14	SELECT	2	EC	.094	LB A/A	MP						
14	SUNIT		L	1	QT/A	MP						
14	LIQUID N		L	2	QT/A	MP						
15	CLASSIC	25	DF	.008	LB A/A	MP	0	100	100	100	100	97
15	PINNACLE	25	DF	.0016	LB A/A	MP						
15	SUNIT		L	.5	QT/A	MP						
15	LIQUID N		L	2	QT/A	MP						
15	SELECT	2	EC	.094	LB A/A	+7D						
15	SUNIT		L	1	QT/A	+7D						
16	FLEXSTAR	1.88	ME	.313	LB A/A	MP	0	100	100	100	97	100
16	SUNIT		L	.5	QT/A	MP						
16	LIQUID N		L	2	QT/A	MP						
16	SELECT	2	EC	.094	LB A/A	+7D						
16	SUNIT		L	1	QT/A	+7D						
17	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	100
17	FLEXSTAR	1.88	ME	.313	LB A/A	MP						
17	SUNIT		L	.5	QT/A	MP						
17	LIQUID N		L	2	QT/A	MP						
17	SELECT	2	EC	.094	LB A/A	+7D						
17	SUNIT		L	1	QT/A	+7D						
18	RESOURCE	.86	EC	.027	LB A/A	MP	0	100	100	100	100	97
18	FLEXSTAR	1.88	ME	.313	LB A/A	MP						
18	SELECT	2	EC	.094	LB A/A	MP						
18	SUNIT		L	1	QT/A	MP						
18	LIQUID N		L	2	QT/A	MP						
19	COBRA	2	EC	.125	LB A/A	MP	0	100	100	100	100	77
19	SELECT	2	EC	.094	LB A/A	MP						
19	COC		L	.5	QT/A	MP						
20	COBRA	2	EC	.156	LB A/A	MP	0	100	100	100	100	90
20	SELECT	2	EC	.094	LB A/A	MP						
20	COC		L	.5	QT/A	MP						

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Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Weed Code						GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
21	COBRA	2	EC	.125	LB A/A	MP	0	100	100	93	97	47
21	PURSUIT	70	DF	.063	LB A/A	MP						
21	COC		L	.5	QT/A	MP						
21	SELECT	2	EC	.094	LB A/A	+7D						
21	COC		L	.5	QT/A	+7D						
22	COBRA	2	EC	.125	LB A/A	MP	0	100	100	100	100	53
22	CLASSIC	25	DF	.006	LB A/A	MP						
22	COC		L	.5	QT/A	MP						
22	SELECT	2	EC	.094	LB A/A	+7D						
22	COC		L	.5	QT/A	+7D						
23	COBRA	2	EC	.125	LB A/A	MP	0	100	100	100	100	87
23	BASAGRAN	4	E	.5	LB A/A	MP						
23	COC		L	.5	QT/A	MP						
23	SELECT	2	EC	.094	LB A/A	+7D						
23	COC		L	.5	QT/A	+7D						
24	COBRA	2	EC	.094	LB A/A	MP	0	100	97	100	100	33
24	COC		L	.5	QT/A	MP						
24	SELECT	2	EC	.094	LB A/A	+7D						
24	COC		L	.5	QT/A	+7D						
25	COBRA	2	EC	.125	LB A/A	MP	0	100	100	90	100	90
25	COC		L	.5	QT/A	MP						
25	SELECT	2	EC	.094	LB A/A	+7D						
25	COC		L	.5	QT/A	+7D						
26	COBRA	2	EC	.156	LB A/A	MP	0	100	100	100	100	77
26	COC		L	.5	QT/A	MP						
26	SELECT	2	EC	.094	LB A/A	+7D						
26	COC		L	.5	QT/A	+7D						
27	COBRA	2	EC	.188	LB A/A	MP	0	100	100	100	100	63
27	COC		L	.5	QT/A	MP						
27	SELECT	2	EC	.094	LB A/A	+7D						
27	COC		L	.5	QT/A	+7D						
28	SELECT	2	EC	.063	LB A/A	MP	0	100	13	57	80	33
28	COC		L	1	QT/A	MP						
29	SELECT	2	EC	.125	LB A/A	MP	0	100	10	23	37	30
29	COC		L	1	QT/A	MP						

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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Weed Code						GLYMA	SETFA	AMACH	ABUTH	AMBEL	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
30	SELECT	2	EC	.125	LB A/A	MP	0	100	100	73	90	93
30	PURSUIT	70	DF	.063	LB A/A	MP						
30	COC		L	1	QT/A	MP						
31	SELECT	2	EC	.125	LB A/A	MP	0	100	100	67	90	13
31	CLASSIC	25	DF	.008	LB A/A	MP						
31	COC		L	1	QT/A	MP						
32	SELECT	2	EC	.125	LB A/A	MP	0	100	100	100	100	90
32	COBRA	2	EC	.2	LB A/A	MP						
32	COC		L	1	QT/A	MP						
33	SELECT	2	EC	.125	LB A/A	MP	0	100	10	97	57	50
33	BASAGRAN	4	E	.75	LB A/A	MP						
33	COC		L	.5	QT/A	MP						
34	SELECT	2	EC	.125	LB A/A	MP	0	100	100	100	100	90
34	PURSUIT	70	DF	.063	LB A/A	MP						
34	COBRA	2	EC	.125	LB A/A	MP						
34	COC		L	.5	QT/A	MP						
34	LIQUID N		L	2	QT/A	MP						
35	SELECT	2	EC	.125	LB A/A	MP	0	100	100	100	100	73
35	COBRA	2	EC	.125	LB A/A	MP						
35	CLASSIC	25	DF	.008	LB A/A	MP						
35	COC		L	.5	QT/A	MP						
36	SELECT	2	EC	.125	LB A/A	MP	0	100	100	100	100	80
36	BASAGRAN	4	E	.5	LB A/A	MP						
36	COBRA	2	EC	.125	LB A/A	MP						
36	COC		L	.5	QT/A	MP						
36	LIQUID N		L	2	QT/A	MP						
	LSD (P=.05)						0.0	0.0	8.3	18.4	26.2	30.3
	Standard Deviation						0.0	0.0	5.1	11.2	16.1	18.5
	CV						.	0.0	5.64	11.95	17.4	23.13

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMACH 3.ABUTH
4.AMBEL 5.CHEAL 6.IPOHE

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 52 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.8 **% Sand:** 12 **% Silt:** 63 **% Clay:** 25
pH: 6.0 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-6-96	6-13-96				
Time of Day:	1 PM	11 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	MP	MP + 7D				
Applic. Placement:	FOLIAR	FOLIAR				
Air Temp., Unit:	76 F	67 F				
% Relative Humidity:	74	85				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	72 F	69 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	15				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 GLYMA Stage:	MP	MP + 7D				
Stage Scale:	1 TR	2 TR				
Height, Unit:	6 IN	9 IN				

SOYBEAN POSTEMERGENCE III

Trial ID: S6023 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SETFA Stage:	4 LVS	5 LVS				
Stage Scale:	4 IN	5 IN				
Weed 2 AMACH Stage:	4-6 LVS	6-7 LVS				
Stage Scale:	2-3 IN	5 IN				
Weed 3 ABUTH Stage:	4 LVS	5-6 LVS				
Stage Scale:	2-4 IN	5 IN				
Weed 4 AMBEL Stage:	4 LVS	6 LVS				
Stage Scale:	3-4 IN	5-6 IN				
Weed 5 CHEAL Stage:	5-6 LVS	7 LVS				
Stage Scale:	2-3 IN	4-5 IN				
Weed 6 IPOHE Stage:	3 LVS	5-6 LVS				
Stage Scale:	4 IN	8 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	BBBB	GLYMA	CHEAL	IPOHE	XANST
	Weed Code						BBBB	GLYMA	CHEAL	IPOHE	XANST
	Crop Code										
	Part Rated										
	Rating Data Type						CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
1	STELLAR	3.10	EC	.12	LB A/A	MP	93	20	95	95	100
1	COC		L	.5	QT/A	MP					
1	LIQUID N		L	2	QT/A	MP					
1	SELECT	2	EC	.125	LB A/A	+7D					
1	COC		L	1	QT/A	+7D					
2	STELLAR	3.10	EC	.17	LB A/A	MP	98	20	100	98	100
2	COC		L	.5	QT/A	MP					
2	LIQUID N		L	2	QT/A	MP					
2	SELECT	2	EC	.125	LB A/A	+7D					
2	COC		L	1	QT/A	+7D					
3	STELLAR	3.10	EC	.12	LB A/A	MP	95	22	98	92	67
3	BASAGRAN	4	E	.5	LB A/A	MP					
3	COC		L	.5	QT/A	MP					
3	LIQUID N		L	2	QT/A	MP					
3	SELECT	2	EC	.125	LB A/A	+7D					
3	COC		L	1	QT/A	+7D					
4	STELLAR	3.10	EC	.17	LB A/A	MP	98	20	100	98	98
4	BASAGRAN	4	WS	.5	LB A/A	MP					
4	COC		L	.5	QT/A	MP					
4	LIQUID N		L	2	QT/A	MP					
4	SELECT	2	EC	.125	LB A/A	+7D					
4	COC		L	1	QT/A	+7D					
5	BASAGRAN	4	E	.5	LB A/A	MP	65	0	90	52	97
5	COC		L	.5	QT/A	MP					
5	LIQUID N		L	2	QT/A	MP					
5	SELECT	2	EC	.125	LB A/A	+7D					
5	COC		L	1	QT/A	+7D					
6	STELLAR	3.10	EC	.12	LB A/A	MP	97	13	100	98	95
6	CLASSIC	25	DF	.008	LB A/A	MP					
6	COC		L	.5	QT/A	MP					
6	LIQUID N		L	2	QT/A	MP					
6	SELECT	2	EC	.125	LB A/A	+7D					
6	COC		L	1	QT/A	+7D					

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	BBBB	GLYMA	CHEAL	IPOHE	XANST
	Weed Code						BBBB	GLYMA	CHEAL	IPOHE	XANST
	Crop Code										
	Part Rated										
	Rating Data Type						CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
7	STELLAR	3.10	EC	.17	LB A/A	MP	100	18	100	100	100
7	CLASSIC	25	DF	.008	LB A/A	MP					
7	COC		L	.5	QT/A	MP					
7	LIQUID N		L	2	QT/A	MP					
7	SELECT	2	EC	.125	LB A/A	+7D					
7	COC		L	1	QT/A	+7D					
8	PURSUIT	2	EC	.063	LB A/A	MP	88	0	85	92	98
8	COC		L	.5	QT/A	MP					
8	LIQUID N		L	2	QT/A	MP					
8	SELECT	2	EC	.125	LB A/A	+7D					
8	COC		L	1	QT/A	+7D					
9	STELLAR	3.10	EC	.12	LB A/A	LP	92	15	90	97	98
9	COC		L	.5	QT/A	LP					
9	LIQUID N		L	2	QT/A	LP					
9	SELECT	2	EC	.125	LB A/A	+7D					
9	COC		L	1	QT/A	+7D					
10	STELLAR	3.10	EC	.17	LB A/A	LP	98	22	98	98	100
10	COC		L	.5	QT/A	LP					
10	LIQUID N		L	2	QT/A	LP					
10	SELECT	2	EC	.125	LB A/A	+7D					
10	COC		L	1	QT/A	+7D					
11	STELLAR	3.10	EC	.12	LB A/A	LP	100	37	100	100	97
11	BASAGRAN	4	E	.5	LB A/A	LP					
11	COC		L	.5	QT/A	LP					
11	LIQUID N		L	2	QT/A	LP					
11	SELECT	2	EC	.125	LB A/A	+7D					
11	COC		L	1	QT/A	+7D					
12	STELLAR	3.10	EC	.17	LB A/A	LP	100	32	100	100	97
12	BASAGRAN	4	WS	.5	LB A/A	LP					
12	COC		L	.5	QT/A	LP					
12	LIQUID N		L	2	QT/A	LP					
12	SELECT	2	EC	.125	LB A/A	+7D					
12	COC		L	1	QT/A	+7D					

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	BBBB	GLYMA	CHEAL	IPOHE	XANST
	Weed Code						BBBB	GLYMA	CHEAL	IPOHE	XANST
	Crop Code										
	Part Rated										
	Rating Data Type						CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
13	BASAGRAN	4	E	.5	LB A/A	LP	60	0	58	57	100
13	COC		L	.5	QT/A	LP					
13	LIQUID N		L	2	QT/A	LP					
13	SELECT	2	EC	.125	LB A/A	+7D					
13	COC		L	1	QT/A	+7D					
14	STELLAR	3.10	EC	.12	LB A/A	LP	98	20	97	100	100
14	CLASSIC	25	DF	.008	LB A/A	LP					
14	COC		L	.5	QT/A	LP					
14	LIQUID N		L	2	QT/A	LP					
14	SELECT	2	EC	.125	LB A/A	+7D					
14	COC		L	1	QT/A	+7D					
15	STELLAR	3.10	EC	.17	LB A/A	LP	100	25	100	100	100
15	CLASSIC	25	DF	.008	LB A/A	LP					
15	COC		L	.5	QT/A	LP					
15	LIQUID N		L	2	QT/A	LP					
15	SELECT	2	EC	.125	LB A/A	+7D					
15	COC		L	1	QT/A	+7D					
16	PURSUIT	70	DF	.063	LB A/A	LP	53	0	50	57	98
16	COC		L	.5	QT/A	LP					
16	LIQUID N		L	1	QT/A	LP					
16	SELECT	2	EC	.125	LB A/A	+7D					
16	COC		L	1	QT/A	+7D					
17	STELLAR	3.10	EC	.12	LB A/A	MP	100	5	100	100	100
17	REFLEX	2	EC	.25	LB A/A	MP					
17	ACTIVATOR 90			.25	% V/V	MP					
17	LIQUID N		L	2	QT/A	MP					
17	SELECT	2	EC	.125	LB A/A	+7D					
17	COC		L	1	QT/A	+7D					
18	REFLEX	2	EC	.25	LB A/A	MP	98	0	98	95	100
18	ACTIVATOR 90			.25	% V/V	MP					
18	LIQUID N		L	2	QT/A	MP					
18	SELECT	2	EC	.125	LB A/A	+7D					
18	COC		L	1	QT/A	+7D					

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	BBBB	GLYMA	CHEAL	IPOHE	XANST
Weed Code							BBBB	GLYMA	CHEAL	IPOHE	XANST
Crop Code											
Part Rated											
Rating Data Type							CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date											
Footnote Number											
Trt-Eval Interval							2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
PRM Data Type							P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0
19	CLASSIC	25	DF	.008	LB A/A	MP	50	0	47	100	100
19	COC		L	.5	QT/A	MP					
19	LIQUID N		L	2	QT/A	MP					
19	SELECT	2	EC	.125	LB A/A	+7D					
19	COC		L	1	QT/A	+7D					
20	STELLAR	3.10	EC	.12	LB A/A	MP	93	8	92	95	98
20	SCEPTER	70	WG	.063	LB A/A	MP					
20	COC		L	.5	QT/A	MP					
20	LIQUID N		L	1	QT/A	MP					
20	SELECT	2	EC	.125	LB A/A	+7D					
20	COC		L	1	QT/A	+7D					
21	SCEPTER	70	WG	.063	LB A/A	MP	42	0	43	33	100
21	COC		L	.5	QT/A	MP					
21	LIQUID N		L	1	QT/A	MP					
21	SELECT	2	EC	.125	LB A/A	+7D					
21	COC		L	1	QT/A	+7D					
22	STELLAR	3.10	EC	.12	LB A/A	MP	100	23	100	98	100
22	BASAGRAN	4	E	.5	LB A/A	MP					
22	REFLEX	2	EC	.25	LB A/A	MP					
22	COC		L	.5	QT/A	MP					
22	LIQUID N		L	1	QT/A	MP					
22	SELECT	2	EC	.125	LB A/A	+7D					
22	COC		L	1	QT/A	+7D					
23	BASAGRAN	4	WS	.5	LB A/A	MP	98	7	100	98	98
23	REFLEX	2	EC	.25	LB A/A	MP					
23	COC		L	.5	QT/A	MP					
23	LIQUID N		L	1	QT/A	MP					
23	SELECT	2	EC	.125	LB A/A	+7D					
23	COC		L	1	QT/A	+7D					
24	STELLAR	3.10	EC	.12	LB A/A	MP	98	17	100	98	100
24	GALAXY	3.67	EC	.7	LB A/A	MP					
24	COC		L	.5	QT/A	MP					
24	LIQUID N		L	1	QT/A	MP					
24	SELECT	2	EC	.125	LB A/A	+7D					
24	COC		L	1	QT/A	+7D					

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	BBBB	GLYMA	CHEAL	IPOHE	XANST
Weed Code							BBBB	GLYMA	CHEAL	IPOHE	XANST
Crop Code											
Part Rated											
Rating Data Type							CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date											
Footnote Number											
Trt-Eval Interval							2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
PRM Data Type							P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0
25	GALAXY	3.67	EC	.7	LB A/A	MP	98	7	98	98	100
25	COC		L	.5	QT/A	MP					
25	LIQUID N		L	1	QT/A	MP					
25	SELECT	2	EC	.125	LB A/A	+7D					
25	COC		L	1	QT/A	+7D					
LSD (P=.05)							12.3	9.3	11.3	14.0	19.7
Standard Deviation							7.4	5.6	6.9	8.5	12.0
CV							8.4	42.73	7.65	9.42	12.24

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	STELLAR	3.10	EC	.12	LB A/A	MP	8	98	93	82	0	98	77	83
1	COC		L	.5	QT/A	MP								
1	LIQUID N		L	2	QT/A	MP								
1	SELECT	2	EC	.125	LB A/A	+7D								
1	COC		L	1	QT/A	+7D								
2	STELLAR	3.10	EC	.17	LB A/A	MP	13	95	88	88	0	95	77	80
2	COC		L	.5	QT/A	MP								
2	LIQUID N		L	2	QT/A	MP								
2	SELECT	2	EC	.125	LB A/A	+7D								
2	COC		L	1	QT/A	+7D								
3	STELLAR	3.10	EC	.12	LB A/A	MP	15	93	92	82	0	93	92	77
3	BASAGRAN	4	E	.5	LB A/A	MP								
3	COC		L	.5	QT/A	MP								
3	LIQUID N		L	2	QT/A	MP								
3	SELECT	2	EC	.125	LB A/A	+7D								
3	COC		L	1	QT/A	+7D								
4	STELLAR	3.10	EC	.17	LB A/A	MP	20	87	90	93	0	100	88	87
4	BASAGRAN	4	WS	.5	LB A/A	MP								
4	COC		L	.5	QT/A	MP								
4	LIQUID N		L	2	QT/A	MP								
4	SELECT	2	EC	.125	LB A/A	+7D								
4	COC		L	1	QT/A	+7D								
5	BASAGRAN	4	E	.5	LB A/A	MP	0	88	85	72	0	88	68	65
5	COC		L	.5	QT/A	MP								
5	LIQUID N		L	2	QT/A	MP								
5	SELECT	2	EC	.125	LB A/A	+7D								
5	COC		L	1	QT/A	+7D								
6	STELLAR	3.10	EC	.12	LB A/A	MP	10	93	93	93	0	93	93	93
6	CLASSIC	25	DF	.008	LB A/A	MP								
6	COC		L	.5	QT/A	MP								
6	LIQUID N		L	2	QT/A	MP								
6	SELECT	2	EC	.125	LB A/A	+7D								
6	COC		L	1	QT/A	+7D								

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
7	STELLAR	3.10	EC	.17	LB A/A	MP	13	93	97	95	0	93	90	93
7	CLASSIC	25	DF	.008	LB A/A	MP								
7	COC		L	.5	QT/A	MP								
7	LIQUID N		L	2	QT/A	MP								
7	SELECT	2	EC	.125	LB A/A	+7D								
7	COC		L	1	QT/A	+7D								
8	PURSUIT	2	EC	.063	LB A/A	MP	0	100	93	98	0	100	93	98
8	COC		L	.5	QT/A	MP								
8	LIQUID N		L	2	QT/A	MP								
8	SELECT	2	EC	.125	LB A/A	+7D								
8	COC		L	1	QT/A	+7D								
9	STELLAR	3.10	EC	.12	LB A/A	LP	3	100	87	95	0	100	67	92
9	COC		L	.5	QT/A	LP								
9	LIQUID N		L	2	QT/A	LP								
9	SELECT	2	EC	.125	LB A/A	+7D								
9	COC		L	1	QT/A	+7D								
10	STELLAR	3.10	EC	.17	LB A/A	LP	10	100	93	97	0	100	77	97
10	COC		L	.5	QT/A	LP								
10	LIQUID N		L	2	QT/A	LP								
10	SELECT	2	EC	.125	LB A/A	+7D								
10	COC		L	1	QT/A	+7D								
11	STELLAR	3.10	EC	.12	LB A/A	LP	15	100	97	93	0	100	83	82
11	BASAGRAN	4	E	.5	LB A/A	LP								
11	COC		L	.5	QT/A	LP								
11	LIQUID N		L	2	QT/A	LP								
11	SELECT	2	EC	.125	LB A/A	+7D								
11	COC		L	1	QT/A	+7D								
12	STELLAR	3.10	EC	.17	LB A/A	LP	7	100	92	90	0	100	72	88
12	BASAGRAN	4	WS	.5	LB A/A	LP								
12	COC		L	.5	QT/A	LP								
12	LIQUID N		L	2	QT/A	LP								
12	SELECT	2	EC	.125	LB A/A	+7D								
12	COC		L	1	QT/A	+7D								

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
13	BASAGRAN	4	E	.5	LB A/A	LP	0	87	37	97	0	97	13	97
13	COC		L	.5	QT/A	LP								
13	LIQUID N		L	2	QT/A	LP								
13	SELECT	2	EC	.125	LB A/A	+7D								
13	COC		L	1	QT/A	+7D								
14	STELLAR	3.10	EC	.12	LB A/A	LP	3	98	90	98	0	98	78	98
14	CLASSIC	25	DF	.008	LB A/A	LP								
14	COC		L	.5	QT/A	LP								
14	LIQUID N		L	2	QT/A	LP								
14	SELECT	2	EC	.125	LB A/A	+7D								
14	COC		L	1	QT/A	+7D								
15	STELLAR	3.10	EC	.17	LB A/A	LP	12	98	93	98	0	98	93	98
15	CLASSIC	25	DF	.008	LB A/A	LP								
15	COC		L	.5	QT/A	LP								
15	LIQUID N		L	2	QT/A	LP								
15	SELECT	2	EC	.125	LB A/A	+7D								
15	COC		L	1	QT/A	+7D								
16	PURSUIT	70	DF	.063	LB A/A	LP	0	100	57	100	0	100	47	100
16	COC		L	.5	QT/A	LP								
16	LIQUID N		L	1	QT/A	LP								
16	SELECT	2	EC	.125	LB A/A	+7D								
16	COC		L	1	QT/A	+7D								
17	STELLAR	3.10	EC	.12	LB A/A	MP	3	97	92	100	0	97	90	100
17	REFLEX	2	EC	.25	LB A/A	MP								
17	ACTIVATOR 90			.25	% V/V	MP								
17	LIQUID N		L	2	QT/A	MP								
17	SELECT	2	EC	.125	LB A/A	+7D								
17	COC		L	1	QT/A	+7D								
18	REFLEX	2	EC	.25	LB A/A	MP	0	95	95	97	0	100	93	98
18	ACTIVATOR 90			.25	% V/V	MP								
18	LIQUID N		L	2	QT/A	MP								
18	SELECT	2	EC	.125	LB A/A	+7D								
18	COC		L	1	QT/A	+7D								

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
19	CLASSIC	25	DF	.008	LB A/A	MP	0	90	35	100	0	90	10	100
19	COC		L	.5	QT/A	MP								
19	LIQUID N		L	2	QT/A	MP								
19	SELECT	2	EC	.125	LB A/A	+7D								
19	COC		L	1	QT/A	+7D								
20	STELLAR	3.10	EC	.12	LB A/A	MP	7	100	83	100	0	100	63	100
20	SCEPTER	70	WG	.063	LB A/A	MP								
20	COC		L	.5	QT/A	MP								
20	LIQUID N		L	1	QT/A	MP								
20	SELECT	2	EC	.125	LB A/A	+7D								
20	COC		L	1	QT/A	+7D								
21	SCEPTER	70	WG	.063	LB A/A	MP	0	100	17	100	0	100	10	100
21	COC		L	.5	QT/A	MP								
21	LIQUID N		L	1	QT/A	MP								
21	SELECT	2	EC	.125	LB A/A	+7D								
21	COC		L	1	QT/A	+7D								
22	STELLAR	3.10	EC	.12	LB A/A	MP	20	92	100	100	0	97	90	100
22	BASAGRAN	4	E	.5	LB A/A	MP								
22	REFLEX	2	EC	.25	LB A/A	MP								
22	COC		L	.5	QT/A	MP								
22	LIQUID N		L	1	QT/A	MP								
22	SELECT	2	EC	.125	LB A/A	+7D								
22	COC		L	1	QT/A	+7D								
23	BASAGRAN	4	WS	.5	LB A/A	MP	7	90	98	100	0	98	98	100
23	REFLEX	2	EC	.25	LB A/A	MP								
23	COC		L	.5	QT/A	MP								
23	LIQUID N		L	1	QT/A	MP								
23	SELECT	2	EC	.125	LB A/A	+7D								
23	COC		L	1	QT/A	+7D								
24	STELLAR	3.10	EC	.12	LB A/A	MP	20	100	98	92	0	100	92	77
24	GALAXY	3.67	EC	.7	LB A/A	MP								
24	COC		L	.5	QT/A	MP								
24	LIQUID N		L	1	QT/A	MP								
24	SELECT	2	EC	.125	LB A/A	+7D								
24	COC		L	1	QT/A	+7D								

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
Weed Code							GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL	XANST
Crop Code														
Part Rated														
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date														
Footnote Number														
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0
25	GALAXY	3.67	EC	.7	LB A/A	MP	8	98	97	85	0	98	93	80
25	COC		L	.5	QT/A	MP								
25	LIQUID N		L	1	QT/A	MP								
25	SELECT		2 EC	.125	LB A/A	+7D								
25	COC		L	1	QT/A	+7D								
LSD (P=.05)							6.8	10.5	11.8	17.6	0.0	6.0	15.7	17.4
Standard Deviation							4.1	6.4	7.2	10.7	0.0	3.6	9.5	10.5
CV							52.9	6.65	8.55	11.37	.	3.74	12.9	11.55

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.CHEAL 2.IPOHE 3.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 52 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.2 **% Sand:** 13 **% Silt:** 57 **% Clay:** 30
pH: 6.1 **CEC:** 21.7 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-31-96	6-6-96	6-6-96	6-13-96		
Time of Day:	3 PM	11 AM	11 AM	2 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	MP	MP + 7D	LP	LP + 7D		
Applic. Placement:	FOLIAR	FOLIAR	FOLIAR	FOLIAR		
Air Temp., Unit:	76	65 F	65 F	81 F		
% Relative Humidity:	57	70	70	63		
Wind Velocity, Unit:	5 MPH	4 MPH	4 MPH	5 MPH		
Soil Temp., Unit:	78 F	68 F	68 F	81 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	15	10	10	15		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 GLYMA Stage:	MP	MP + 7D	LP	LP + 7D		
Stage Scale:	1 TR	3 TR	3 TR	4 TR		
Height, Unit:	6 IN	12 IN	12 IN	15 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 CHEAL Stage:	5 LVS	6-7 LVS	6-7 LVS	8 LVS		
Stage Scale:	2 IN	5 IN	5 IN	7 IN		
Weed 2 IPOHE Stage:	3 LVS	6 LVS	6 LVS	8 LVS		
Stage Scale:	4 IN	9 IN	9 IN	12 IN		
Weed 3 XANST Stage:	5 LVS	6 LVS	6 LVS	8 LVS		
Stage Scale:	4 IN	8 IN	8 IN	10 IN		

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SOYBEAN POSTEMERGENCE IV

Trial ID: S6024 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

	APPLICATION EQUIPMENT											
	A		B		C		D		E		F	
Appl. Equipment:	BACKPACK		BACKPACK		BACKPACK		BACKPACK					
Operating Pressure:	30		30		30		30					
Nozzle Type:	FAN		FAN		FAN		FAN					
Nozzle Size:	8004	DG	8004	DG	8004	DG	8004	DG				
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN	20	IN				
Boom Length, Unit:	5	FT	5	FT	5	FT	5	FT				
Boom Height, Unit:	19	IN	19	IN	19	IN	19	IN				
Ground Speed, Unit:	4	MPH	4	MPH	4	MPH	4	MPH				
Carrier:	WATER		WATER		WATER		WATER					
Spray Volume, Unit:	25	GPA	25	GPA	25	GPA	25	GPA				
Propellant:	CO2		CO2		CO2		CO2					

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
Weed Code							GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
Crop Code												
Part Rated												
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date												
Footnote Number												
Trt-Eval Interval							2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
PRM Data Type							P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0
1	F6285	75	DF	.16	LB A/A	PRE	97	67	0	97	97	53
1	F6025	25	DF	.032	LB A/A	PRE						
1	ASSURE II	0.8	EC	.05	LB A/A	IFN						
1	COC		L	1	QT/A	IFN						
2	F6285	75	DF	.2	LB A/A	PRE	97	83	0	97	100	80
2	F6025	25	DF	.04	LB A/A	PRE						
2	ASSURE II	0.8	EC	.05	LB A/A	IFN						
2	COC		L	1	QT/A	IFN						
3	F6285	75	DF	.24	LB A/A	PRE	100	83	0	100	100	90
3	F6025	25	DF	.046	LB A/A	PRE						
3	ASSURE II	0.8	EC	.05	LB A/A	IFN						
3	COC		L	1	QT/A	IFN						
4	CANOPY	75	DF	.28	LB A/A	PRE	93	57	0	93	100	57
4	ASSURE II	0.8	EC	.05	LB A/A	MP						
4	COC		L	1	QT/A	MP						
5	SQUADRON	2.33	EC	.875	LB A/A	PRE	100	83	0	100	100	87
5	ASSURE II	0.8	EC	.05	LB A/A	IFN						
5	COC		L	1	QT/A	IFN						
6	F6285	75	DF	.2	LB A/A	PRE	100	80	0	100	100	77
6	F6025	25	DF	.04	LB A/A	PRE						
6	DUAL II	7.8	EC	1.5	LB A/A	PRE						
6	ASSURE II	0.8	EC	.05	LB A/A	IFN						
6	COC		L	1	QT/A	IFN						
7	F6285	75	DF	.2	LB A/A	PRE	100	90	0	100	100	87
7	F6025	25	DF	.04	LB A/A	PRE						
7	SYNCHRONY STS	25	DF	.013	LB A/A	MP						
7	ASSURE II	0.8	EC	.05	LB A/A	IFN						
7	COC		L	1	QT/A	IFN						
8	PURSUIT	70	DF	.063	LB A/A	MP	100	90	23	100	100	93
8	BLAZER	2	L	.25	LB A/A	MP						
8	SUNIT		L	.75	QT/A	MP						
8	LIQUID N		L	1	QT/A	MP						
8	ASSURE II	0.8	EC	.05	LB A/A	IFN						
8	COC		L	1	QT/A	IFN						

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
9	STELLAR	3.10	EC	.04	LB A/A	MP	83	80	3	83	90	80
9	COC		L	.5	QT/A	MP						
9	ASSURE II	0.8	EC	.05	LB A/A	+7D						
9	COC		L	1	QT/A	+7D						
10	STELLAR	3.10	EC	.08	LB A/A	MP	77	83	7	77	93	87
10	COC		L	.5	QT/A	MP						
10	ASSURE II	0.8	EC	.05	LB A/A	+7D						
10	COC		L	1	QT/A	+7D						
11	STELLAR	3.10	EC	.125	LB A/A	MP	87	87	10	87	87	87
11	COC		L	.5	QT/A	MP						
11	ASSURE II	0.8	EC	.05	LB A/A	+7D						
11	COC		L	1	QT/A	+7D						
12	STELLAR	3.10	EC	.04	LB A/A	MP	73	87	0	73	90	90
12	SYNCHRONY STS	25	DF	.013	LB A/A	MP						
12	COC		L	.5	QT/A	MP						
12	ASSURE II	0.8	EC	.05	LB A/A	+7D						
12	COC		L	1	QT/A	+7D						
13	STELLAR	3.10	EC	.08	LB A/A	MP	83	93	10	83	93	93
13	SYNCHRONY STS	25	DF	.013	LB A/A	MP						
13	COC		L	.5	QT/A	MP						
13	ASSURE II	0.8	EC	.05	LB A/A	+7D						
13	COC		L	1	QT/A	+7D						
14	STELLAR	3.10	EC	.125	LB A/A	MP	80	90	7	77	100	60
14	SYNCHRONY STS	25	DF	.013	LB A/A	MP						
14	COC		L	.5	QT/A	MP						
14	ASSURE II	0.8	EC	.05	LB A/A	+7D						
14	COC		L	1	QT/A	+7D						
15	SYNCHRONY STS	25	DF	.013	LB A/A	MP	67	87	0	73	100	93
15	COC		L	.5	QT/A	MP						
15	ASSURE II	0.8	EC	.05	LB A/A	+7D						
15	COC		L	1	QT/A	+7D						

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
16	SYNCHRONY STS	25	DF	.013	LB A/A	MP	87	90	10	87	97	93
16	COBRA	2	EC	.063	LB A/A	MP						
16	COC		L	.5	QT/A	MP						
16	ASSURE II	0.8	EC	.05	LB A/A	+7D						
16	COC		L	1	QT/A	+7D						
17	RESOURCE	.86	EC	.027	LB A/A	MP	87	73	0	90	77	73
17	COC		L	.5	QT/A	MP						
17	ASSURE II	0.8	EC	.05	LB A/A	+7D						
17	COC		L	1	QT/A	+7D						
18	CLASSIC	25	DF	.012	LB A/A	MP	97	77	0	97	67	100
18	ASSURE II	0.8	EC	.05	LB A/A	MP						
18	COC		L	1	QT/A	MP						
18	LIQUID N		L	1	QT/A	MP						
19	FRONTIER	6	E	1.2	LB A/A	PRE	97	50	0	87	80	37
19	SYNCHRONY STS	25	DF	.013	LB A/A	MP						
19	COC		L	.5	QT/A	MP						
20	FRONTIER	6	E	1.2	LB A/A	MP	43	90	0	50	100	90
20	SYNCHRONY STS	25	DF	.013	LB A/A	MP						
20	COC		L	.5	QT/A	MP						
21	RESOURCE	.86	EC	.027	LB A/A	MP	73	87	0	77	93	90
21	SYNCHRONY STS	25	DF	.008	LB A/A	MP						
21	COC		L	.5	QT/A	MP						
21	LIQUID N		L	2	QT/A	MP						
21	SELECT	2	EC	.094	LB A/A	+7D						
21	COC		L	1	QT/A	+7D						
22	RESOURCE	.86	EC	.027	LB A/A	MP	83	73	3	87	77	73
22	COC		L	.5	QT/A	MP						
22	LIQUID N		L	2	QT/A	MP						
22	SELECT	2	EC	.094	LB A/A	+7D						
22	COC		L	1	QT/A	+7D						
23	STELLAR	3.10	EC	.073	LB A/A	MP	90	83	3	90	80	83
23	COC		L	.5	QT/A	MP						
23	LIQUID N		L	2	QT/A	MP						
23	SELECT	2	EC	.094	LB A/A	+7D						
23	COC		L	1	QT/A	+7D						

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
24	STELLAR	3.10	EC	.12	LB A/A	MP	83	83	10	83	93	87
24	COC		L	.5	QT/A	MP						
24	LIQUID N		L	2	QT/A	MP						
24	SELECT	2	EC	.094	LB A/A	+7D						
24	COC		L	1	QT/A	+7D						
25	STELLAR	3.10	EC	.17	LB A/A	MP	93	90	10	90	97	87
25	COC		L	.5	QT/A	MP						
25	LIQUID N		L	2	QT/A	MP						
25	SELECT	2	EC	.094	LB A/A	+7D						
25	COC		L	1	QT/A	+7D						
26	STELLAR	3.10	EC	.073	LB A/A	MP	83	90	0	83	93	87
26	SYNCHRONY STS	25	DF	.008	LB A/A	MP						
26	COC		L	.5	QT/A	MP						
26	LIQUID N		L	2	QT/A	MP						
26	SELECT	2	EC	.094	LB A/A	+7D						
26	COC		L	1	QT/A	+7D						
27	STELLAR	3.10	EC	.12	LB A/A	MP	87	90	10	87	100	90
27	SYNCHRONY STS	25	DF	.008	LB A/A	MP						
27	COC		L	.5	QT/A	MP						
27	LIQUID N		L	2	QT/A	MP						
27	SELECT	2	EC	.094	LB A/A	+7D						
27	COC		L	1	QT/A	+7D						
28	STELLAR	3.10	EC	.17	LB A/A	MP	80	90	10	73	97	93
28	SYNCHRONY STS	25	DF	.008	LB A/A	MP						
28	COC		L	.5	QT/A	MP						
28	LIQUID N		L	2	QT/A	MP						
28	SELECT	2	EC	.094	LB A/A	+7D						
28	COC		L	1	QT/A	+7D						
29	SYNCHRONY STS	25	DF	.008	LB A/A	MP	63	80	0	80	93	97
29	COC		L	.5	QT/A	MP						
29	LIQUID N		L	2	QT/A	MP						
29	SELECT	2	EC	.094	LB A/A	+7D						
29	COC		L	1	QT/A	+7D						

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
30	PURSUIT	70	DF	.063	LB A/A	MP	100	90	0	90	83	90
30	COC		L	.5	QT/A	MP						
30	LIQUID N		L	1	QT/A	MP						
30	SELECT	2	EC	.094	LB A/A	+7D						
30	COC		L	1	QT/A	+7D						
31	RESOURCE	.86	EC	.027	LB A/A	LP	80	90	0	83	100	93
31	SYNCHRONY STS	25	DF	.008	LB A/A	LP						
31	COC		L	.5	QT/A	LP						
31	LIQUID N		L	2	QT/A	LP						
31	SELECT	2	EC	.094	LB A/A	+7D						
31	COC		L	1	QT/A	+7D						
32	RESOURCE	.86	EC	.027	LB A/A	LP	83	83	0	87	83	87
32	COC		L	.5	QT/A	LP						
32	LIQUID N		L	2	QT/A	LP						
32	SELECT	2	EC	.094	LB A/A	+7D						
32	COC		L	1	QT/A	+7D						
33	STELLAR	3.10	EC	.073	LB A/A	LP	83	87	10	83	83	90
33	COC		L	.5	QT/A	LP						
33	LIQUID N		L	2	QT/A	LP						
33	SELECT	2	EC	.094	LB A/A	+7D						
33	COC		L	1	QT/A	+7D						
34	STELLAR	3.10	EC	.12	LB A/A	LP	87	90	7	90	90	97
34	COC		L	.5	QT/A	LP						
34	LIQUID N		L	2	QT/A	LP						
34	SELECT	2	EC	.094	LB A/A	+7D						
34	COC		L	1	QT/A	+7D						
35	STELLAR	3.10	EC	.17	LB A/A	LP	97	90	7	93	90	100
35	COC		L	.5	QT/A	LP						
35	LIQUID N		L	2	QT/A	LP						
35	SELECT	2	EC	.094	LB A/A	+7D						
35	COC		L	1	QT/A	+7D						

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	CHEAL	XANST
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
36	STELLAR	3.10	EC	.073	LB A/A	LP	83	90	3	83	93	93
36	SYNCHRONY STS	25	DF	.008	LB A/A	LP						
36	COC		L	.5	QT/A	LP						
36	LIQUID N		L	2	QT/A	LP						
36	SELECT	2	EC	.094	LB A/A	+7D						
36	COC		L	1	QT/A	+7D						
37	STELLAR	3.10	EC	.12	LB A/A	LP	90	90	7	90	93	97
37	SYNCHRONY STS	25	DF	.008	LB A/A	LP						
37	COC		L	.5	QT/A	LP						
37	LIQUID N		L	2	QT/A	LP						
37	SELECT	2	EC	.094	LB A/A	+7D						
37	COC		L	1	QT/A	+7D						
38	STELLAR	3.10	EC	.17	LB A/A	LP	90	90	10	87	90	97
38	SYNCHRONY STS	25	DF	.008	LB A/A	LP						
38	COC		L	.5	QT/A	LP						
38	LIQUID N		L	2	QT/A	LP						
38	SELECT	2	EC	.094	LB A/A	+7D						
38	COC		L	1	QT/A	+7D						
39	SYNCHRONY STS	25	DF	.008	LB A/A	LP	80	73	0	83	73	97
39	COC		L	.5	QT/A	LP						
39	LIQUID N		L	2	QT/A	LP						
39	SELECT	2	EC	.094	LB A/A	+7D						
39	COC		L	1	QT/A	+7D						
40	PURSUIT	70	DF	.063	LB A/A	LP	90	73	7	90	67	93
40	SUNIT		L	.5	QT/A	LP						
40	LIQUID N		L	1	QT/A	LP						
40	SELECT	2	EC	.094	LB A/A	+7D						
40	COC		L	1	QT/A	+7D						
41	Weedy Check						0	0	0	0	0	63
	LSD (P=.05)						11.0	10.9	4.9	14.9	11.3	23.0
	Standard Deviation						6.8	6.6	3.0	9.1	6.9	14.1
	CV						8.04	8.17	74.4	10.82	7.8	16.57

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	F6285	75	DF	.16	LB A/A	PRE	0	97	97	53	0	97	97
1	F6025	25	DF	.032	LB A/A	PRE							
1	ASSURE II	0.8	EC	.05	LB A/A	IFN							
1	COC		L	1	QT/A	IFN							
2	F6285	75	DF	.2	LB A/A	PRE	0	100	100	73	0	100	100
2	F6025	25	DF	.04	LB A/A	PRE							
2	ASSURE II	0.8	EC	.05	LB A/A	IFN							
2	COC		L	1	QT/A	IFN							
3	F6285	75	DF	.24	LB A/A	PRE	0	100	100	73	0	100	100
3	F6025	25	DF	.046	LB A/A	PRE							
3	ASSURE II	0.8	EC	.05	LB A/A	IFN							
3	COC		L	1	QT/A	IFN							
4	CANOPY	75	DF	.28	LB A/A	PRE	0	97	100	50	0	97	100
4	ASSURE II	0.8	EC	.05	LB A/A	MP							
4	COC		L	1	QT/A	MP							
5	SQUADRON	2.33	EC	.875	LB A/A	PRE	0	100	100	90	0	100	100
5	ASSURE II	0.8	EC	.05	LB A/A	IFN							
5	COC		L	1	QT/A	IFN							
6	F6285	75	DF	.2	LB A/A	PRE	0	100	100	77	0	100	100
6	F6025	25	DF	.04	LB A/A	PRE							
6	DUAL II	7.8	EC	1.5	LB A/A	PRE							
6	ASSURE II	0.8	EC	.05	LB A/A	IFN							
6	COC		L	1	QT/A	IFN							
7	F6285	75	DF	.2	LB A/A	PRE	0	100	100	97	0	100	100
7	F6025	25	DF	.04	LB A/A	PRE							
7	SYNCHRONY STS	25	DF	.013	LB A/A	MP							
7	ASSURE II	0.8	EC	.05	LB A/A	IFN							
7	COC		L	1	QT/A	IFN							
8	PURSUIT	70	DF	.063	LB A/A	MP	10	100	100	90	0	100	100
8	BLAZER	2	L	.25	LB A/A	MP							
8	SUNIT		L	.75	QT/A	MP							
8	LIQUID N		L	1	QT/A	MP							
8	ASSURE II	0.8	EC	.05	LB A/A	IFN							
8	COC		L	1	QT/A	IFN							

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
9	STELLAR	3.10	EC	.04	LB A/A	MP	0	100	90	70	0	100	83
9	COC		L	.5	QT/A	MP							
9	ASSURE II	0.8	EC	.05	LB A/A	+7D							
9	COC		L	1	QT/A	+7D							
10	STELLAR	3.10	EC	.08	LB A/A	MP	0	100	87	77	0	100	87
10	COC		L	.5	QT/A	MP							
10	ASSURE II	0.8	EC	.05	LB A/A	+7D							
10	COC		L	1	QT/A	+7D							
11	STELLAR	3.10	EC	.125	LB A/A	MP	3	100	83	80	0	100	83
11	COC		L	.5	QT/A	MP							
11	ASSURE II	0.8	EC	.05	LB A/A	+7D							
11	COC		L	1	QT/A	+7D							
12	STELLAR	3.10	EC	.04	LB A/A	MP	0	97	97	90	0	97	97
12	SYNCHRONY STS	25	DF	.013	LB A/A	MP							
12	COC		L	.5	QT/A	MP							
12	ASSURE II	0.8	EC	.05	LB A/A	+7D							
12	COC		L	1	QT/A	+7D							
13	STELLAR	3.10	EC	.08	LB A/A	MP	0	100	90	90	0	100	93
13	SYNCHRONY STS	25	DF	.013	LB A/A	MP							
13	COC		L	.5	QT/A	MP							
13	ASSURE II	0.8	EC	.05	LB A/A	+7D							
13	COC		L	1	QT/A	+7D							
14	STELLAR	3.10	EC	.125	LB A/A	MP	0	93	97	90	0	100	97
14	SYNCHRONY STS	25	DF	.013	LB A/A	MP							
14	COC		L	.5	QT/A	MP							
14	ASSURE II	0.8	EC	.05	LB A/A	+7D							
14	COC		L	1	QT/A	+7D							
15	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	97	100	90	0	100	100
15	COC		L	.5	QT/A	MP							
15	ASSURE II	0.8	EC	.05	LB A/A	+7D							
15	COC		L	1	QT/A	+7D							
16	SYNCHRONY STS	25	DF	.013	LB A/A	MP	3	100	100	93	0	100	100
16	COBRA	2	EC	.063	LB A/A	MP							
16	COC		L	.5	QT/A	MP							
16	ASSURE II	0.8	EC	.05	LB A/A	+7D							
16	COC		L	1	QT/A	+7D							

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA INJURY PERCENT 4 WEEKS P 0	SETFA CONTROL PERCENT 4 WEEKS P 0	CHEAL CONTROL PERCENT 4 WEEKS P 0	XANST CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0	SETFA CONTROL PERCENT 8 WEEKS P 0	CHEAL CONTROL PERCENT 8 WEEKS P 0
17	RESOURCE	.86	EC	.027	LB A/A	MP	0	97	83	67	0	100	87
17	COC		L	.5	QT/A	MP							
17	ASSURE II	0.8	EC	.05	LB A/A	+7D							
17	COC		L	1	QT/A	+7D							
18	CLASSIC	25	DF	.012	LB A/A	MP	0	100	63	100	0	100	53
18	ASSURE II	0.8	EC	.05	LB A/A	MP							
18	COC		L	1	QT/A	MP							
18	LIQUID N		L	1	QT/A	MP							
19	FRONTIER	6	E	1.2	LB A/A	PRE	0	97	80	30	0	97	80
19	SYNCHRONY STS	25	DF	.013	LB A/A	MP							
19	COC		L	.5	QT/A	MP							
20	FRONTIER	6	E	1.2	LB A/A	MP	0	40	100	93	0	40	100
20	SYNCHRONY STS	25	DF	.013	LB A/A	MP							
20	COC		L	.5	QT/A	MP							
21	RESOURCE	.86	EC	.027	LB A/A	MP	0	90	93	90	0	100	93
21	SYNCHRONY STS	25	DF	.008	LB A/A	MP							
21	COC		L	.5	QT/A	MP							
21	LIQUID N		L	2	QT/A	MP							
21	SELECT	2	EC	.094	LB A/A	+7D							
21	COC		L	1	QT/A	+7D							
22	RESOURCE	.86	EC	.027	LB A/A	MP	0	93	67	57	0	97	67
22	COC		L	.5	QT/A	MP							
22	LIQUID N		L	2	QT/A	MP							
22	SELECT	2	EC	.094	LB A/A	+7D							
22	COC		L	1	QT/A	+7D							
23	STELLAR	3.10	EC	.073	LB A/A	MP	0	100	80	83	0	100	73
23	COC		L	.5	QT/A	MP							
23	LIQUID N		L	2	QT/A	MP							
23	SELECT	2	EC	.094	LB A/A	+7D							
23	COC		L	1	QT/A	+7D							
24	STELLAR	3.10	EC	.12	LB A/A	MP	0	100	93	83	0	100	93
24	COC		L	.5	QT/A	MP							
24	LIQUID N		L	2	QT/A	MP							
24	SELECT	2	EC	.094	LB A/A	+7D							
24	COC		L	1	QT/A	+7D							

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
25	STELLAR	3.10	EC	.17	LB A/A	MP	3	100	93	87	0	100	93
25	COC		L	.5	QT/A	MP							
25	LIQUID N		L	2	QT/A	MP							
25	SELECT	2	EC	.094	LB A/A	+7D							
25	COC		L	1	QT/A	+7D							
26	STELLAR	3.10	EC	.073	LB A/A	MP	0	97	97	93	0	97	97
26	SYNCHRONY STS	25	DF	.008	LB A/A	MP							
26	COC		L	.5	QT/A	MP							
26	LIQUID N		L	2	QT/A	MP							
26	SELECT	2	EC	.094	LB A/A	+7D							
26	COC		L	1	QT/A	+7D							
27	STELLAR	3.10	EC	.12	LB A/A	MP	0	97	100	90	0	100	100
27	SYNCHRONY STS	25	DF	.008	LB A/A	MP							
27	COC		L	.5	QT/A	MP							
27	LIQUID N		L	2	QT/A	MP							
27	SELECT	2	EC	.094	LB A/A	+7D							
27	COC		L	1	QT/A	+7D							
28	STELLAR	3.10	EC	.17	LB A/A	MP	0	93	97	93	0	100	97
28	SYNCHRONY STS	25	DF	.008	LB A/A	MP							
28	COC		L	.5	QT/A	MP							
28	LIQUID N		L	2	QT/A	MP							
28	SELECT	2	EC	.094	LB A/A	+7D							
28	COC		L	1	QT/A	+7D							
29	SYNCHRONY STS	25	DF	.008	LB A/A	MP	0	90	97	93	0	100	97
29	COC		L	.5	QT/A	MP							
29	LIQUID N		L	2	QT/A	MP							
29	SELECT	2	EC	.094	LB A/A	+7D							
29	COC		L	1	QT/A	+7D							
30	PURSUIT	70	DF	.063	LB A/A	MP	0	100	93	93	0	100	90
30	COC		L	.5	QT/A	MP							
30	LIQUID N		L	1	QT/A	MP							
30	SELECT	2	EC	.094	LB A/A	+7D							
30	COC		L	1	QT/A	+7D							

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Weed Code						GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
31	RESOURCE	.86	EC	.027	LB A/A	LP	0	97	100	93	0	97	100
31	SYNCHRONY STS	25	DF	.008	LB A/A	LP							
31	COC		L	.5	QT/A	LP							
31	LIQUID N		L	2	QT/A	LP							
31	SELECT	2	EC	.094	LB A/A	+7D							
31	COC		L	1	QT/A	+7D							
32	RESOURCE	.86	EC	.027	LB A/A	LP	0	100	87	87	0	100	87
32	COC		L	.5	QT/A	LP							
32	LIQUID N		L	2	QT/A	LP							
32	SELECT	2	EC	.094	LB A/A	+7D							
32	COC		L	1	QT/A	+7D							
33	STELLAR	3.10	EC	.073	LB A/A	LP	3	100	83	90	0	100	83
33	COC		L	.5	QT/A	LP							
33	LIQUID N		L	2	QT/A	LP							
33	SELECT	2	EC	.094	LB A/A	+7D							
33	COC		L	1	QT/A	+7D							
34	STELLAR	3.10	EC	.12	LB A/A	LP	0	100	93	93	0	100	93
34	COC		L	.5	QT/A	LP							
34	LIQUID N		L	2	QT/A	LP							
34	SELECT	2	EC	.094	LB A/A	+7D							
34	COC		L	1	QT/A	+7D							
35	STELLAR	3.10	EC	.17	LB A/A	LP	0	100	97	93	0	100	97
35	COC		L	.5	QT/A	LP							
35	LIQUID N		L	2	QT/A	LP							
35	SELECT	2	EC	.094	LB A/A	+7D							
35	COC		L	1	QT/A	+7D							
36	STELLAR	3.10	EC	.073	LB A/A	LP	0	100	97	90	0	100	97
36	SYNCHRONY STS	25	DF	.008	LB A/A	LP							
36	COC		L	.5	QT/A	LP							
36	LIQUID N		L	2	QT/A	LP							
36	SELECT	2	EC	.094	LB A/A	+7D							
36	COC		L	1	QT/A	+7D							

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
Weed Code							GLYMA	SETFA	CHEAL	XANST	GLYMA	SETFA	CHEAL
Crop Code													
Part Rated													
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date													
Footnote Number													
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0
37	STELLAR	3.10	EC	.12	LB A/A	LP	0	100	93	93	0	100	93
37	SYNCHRONY STS	25	DF	.008	LB A/A	LP							
37	COC		L	.5	QT/A	LP							
37	LIQUID N		L	2	QT/A	LP							
37	SELECT	2	EC	.094	LB A/A	+7D							
37	COC		L	1	QT/A	+7D							
38	STELLAR	3.10	EC	.17	LB A/A	LP	0	97	90	93	0	100	90
38	SYNCHRONY STS	25	DF	.008	LB A/A	LP							
38	COC		L	.5	QT/A	LP							
38	LIQUID N		L	2	QT/A	LP							
38	SELECT	2	EC	.094	LB A/A	+7D							
38	COC		L	1	QT/A	+7D							
39	SYNCHRONY STS	25	DF	.008	LB A/A	LP	0	100	73	93	0	100	73
39	COC		L	.5	QT/A	LP							
39	LIQUID N		L	2	QT/A	LP							
39	SELECT	2	EC	.094	LB A/A	+7D							
39	COC		L	1	QT/A	+7D							
40	PURSUIT	70	DF	.063	LB A/A	LP	3	100	67	93	0	100	63
40	SUNIT		L	.5	QT/A	LP							
40	LIQUID N		L	1	QT/A	LP							
40	SELECT	2	EC	.094	LB A/A	+7D							
40	COC		L	1	QT/A	+7D							
41	Weedy Check						0	0	0	0	0	0	0
LSD (P=.05)							3.3	6.3	13.8	13.3	0.0	4.7	14.7
Standard Deviation							2.0	3.9	8.5	8.2	0.0	2.9	9.0
CV							313.07	4.12	9.48	9.96	.	3.0	10.18

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES SLACK
Affiliation: UNIVERESITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**CHEAL **3.**XANST

Crop 1: GLYMA **Variety:** A4045 **Planting Date:** 5-14-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 52 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.3 **% Sand:** 8.5 **% Silt:** 66 **% Clay:** 25
pH: 6.1 **CEC:** 21.6 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	5-30-96	6-6-96	6-6-96	6-13-96	6-13-96
Time of Day:	10 AM	1 PM	11 AM	11 AM	1:30 PM	1:30 PM
Application Method:	BOADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	MP	IFN	LP	IFN + 7D	LP + 7D
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR	FOLIAR	FOLIAR
Air Temp., Unit:	48 F	68 F	72 F	72 F	80 F	80 F
% Relative Humidity:	85	60	75	75	65	65
Wind Velocity, Unit:	4 MPH	5 MPH	4.5 MPH	4.5 MPH	4 MPH	4 MPH
Soil Temp., Unit:	52 F	72 F	69 F	69 F	81 F	81 F
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE
% Cloud Cover:	10	15	10	10	20	20

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP	IFN	LP	IFN + 7D	LP + 7D
		1 TR	3 TR	3 TR	4 TR	4 TR
		6 IN	12 IN	12 IN	15 IN	15 IN

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6 LVS	6 LVS	8 LVS	8 LVS
		4 IN	6 IN	6 IN	8 IN	8 IN
CHEAL		5-6 LVS	5 LVS	5 LVS	7-8 LVS	7-8 LVS
		2-3 IN	5 IN	5 IN	8 IN	8 IN
XANST		5 LVS	6 LVS	6 LVS	8 LVS	8 LVS
		4 IN	8 IN	8 IN	11 IN	11 IN

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SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6025 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

	APPLICATION EQUIPMENT					
	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK	BACKPACK	BACKPACK
Operating Pressure:	30	30	30	30	30	30
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	FAN
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	20 IN
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT	5 FT	5 FT
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	19 IN
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH
Carrier:	WATER	WATER	WATER	WATER	WATER	WATER
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA	25 GPA
Propellant:	CO2	CO2	CO2	CO2	CO2	CO2

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SOYBEAN POSTEMERGENCE V

Trial ID: S6026 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	PHBPU	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	PHBPU	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	97	90	17	100	93	90	90
1	PURSUIT	70	DF	.063	LB A/A	MP							
1	SUNIT		L	.75	QT/A	MP							
1	LIQUID N		L	1	QT/A	MP							
2	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	13	100	97	97	90
2	PURSUIT	70	DF	.063	LB A/A	MP							
2	STATUS	2	EC	.156	LB A/A	MP							
2	SUNIT		L	.75	QT/A	MP							
2	LIQUID N		L	1	QT/A	MP							
3	RAPTOR	1	E	.032	LB A/A	MP	90	83	0	97	80	90	90
3	SUNIT		L	.75	QT/A	MP							
3	LIQUID N		L	1	QT/A	MP							
4	RAPTOR	1	E	.032	LB A/A	MP	97	83	10	97	83	100	80
4	STATUS	2	EC	.156	LB A/A	MP							
4	SUNIT		L	.75	QT/A	MP							
4	LIQUID N		L	1	QT/A	MP							
5	PROWL	3.3	EC	1.24	LB A/A	PRE	100	83	0	100	83	93	83
5	RAPTOR	1	E	.032	LB A/A	MP							
5	SUNIT		L	.75	QT/A	MP							
5	LIQUID N		L	1	QT/A	MP							
6	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	13	100	97	90	90
6	RAPTOR	1	E	.032	LB A/A	MP							
6	STATUS	2	EC	.156	LB A/A	MP							
6	SUNIT		L	.75	QT/A	MP							
6	LIQUID N		L	1	QT/A	MP							
7	RAPTOR	1	E	.04	LB A/A	MP	100	80	0	100	90	87	77
7	SUNIT		L	.75	QT/A	MP							
7	LIQUID N		L	1	QT/A	MP							
8	RAPTOR	1	E	.04	LB A/A	MP	97	90	13	97	93	90	90
8	STATUS	2	EC	.156	LB A/A	MP							
8	SUNIT		L	.75	QT/A	MP							
8	LIQUID N		L	1	QT/A	MP							

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE V

Trial ID: S6026 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	PHBPU	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	PHBPU	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
9	PROWL	3.3	EC	1.24	LB A/A	PRE	100	83	0	100	83	90	83
9	RAPTOR	1	E	.04	LB A/A	MP							
9	SUNIT		L	.75	QT/A	MP							
9	LIQUID N		L	1	QT/A	MP							
10	PROWL	3.3	EC	1.24	LB A/A	PRE	100	80	10	100	83	87	83
10	RAPTOR	1	E	.04	LB A/A	MP							
10	STATUS	2	EC	.156	LB A/A	MP							
10	SUNIT		L	.75	QT/A	MP							
10	LIQUID N		L	1	QT/A	MP							
11	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	3	100	97	90	87
11	PURSUIT	70	DF	.063	LB A/A	MP							
11	PINNACLE	25	DF	.002	LB A/A	MP							
11	ACTIVATOR 90			.25	% V/V	MP							
11	LIQUID N		L	1	QT/A	MP							
12	GALAXY	3.67	EC	.91	LB A/A	MP	100	83	17	100	80	90	77
12	POAST PLUS	1	E	.188	LB A/A	MP							
12	COC		L	1	QT/A	MP							
12	LIQUID N		L	2	QT/A	MP							
13	CONCERT	25	DF	.0078	LB A/A	MP	93	80	0	93	90	90	83
13	ASSURE II	0.8	EC	.055	LB A/A	MP							
13	ACTIVATOR 90			.25	% V/V	MP							
13	LIQUID N		L	2	QT/A	MP							
14	Weedy Check						0	0	0	0	0	0	0
	LSD (P=.05)						6.0	7.4	7.9	4.7	15.0	5.3	11.6
	Standard Deviation						3.6	4.4	4.7	2.8	8.9	3.2	6.9
	CV						3.94	5.55	68.46	3.06	10.87	3.75	8.74

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE V

Trial ID: S6026 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	PHBPU	XANST	GLYMA	SETFA	AMBTR	PHBPU	XANST
Weed Code							GLYMA	SETFA	AMBTR	PHBPU	XANST	GLYMA	SETFA	AMBTR	PHBPU	XANST
Crop Code																
Part Rated																
Rating Data Type							INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	0	90	97	70	83	3	100	93	90	93
1	PURSUIT	70	DF	.063	LB A/A	MP										
1	SUNIT		L	.75	QT/A	MP										
1	LIQUID N		L	1	QT/A	MP										
2	PROWL	3.3	EC	1.24	LB A/A	PRE	0	83	87	63	80	3	100	93	93	87
2	PURSUIT	70	DF	.063	LB A/A	MP										
2	STATUS	2	EC	.156	LB A/A	MP										
2	SUNIT		L	.75	QT/A	MP										
2	LIQUID N		L	1	QT/A	MP										
3	RAPTOR	1	E	.032	LB A/A	MP	0	77	50	70	80	0	93	73	90	87
3	SUNIT		L	.75	QT/A	MP										
3	LIQUID N		L	1	QT/A	MP										
4	RAPTOR	1	E	.032	LB A/A	MP	0	83	90	67	83	0	97	60	100	67
4	STATUS	2	EC	.156	LB A/A	MP										
4	SUNIT		L	.75	QT/A	MP										
4	LIQUID N		L	1	QT/A	MP										
5	PROWL	3.3	EC	1.24	LB A/A	PRE	0	70	60	57	73	0	100	77	93	87
5	RAPTOR	1	E	.032	LB A/A	MP										
5	SUNIT		L	.75	QT/A	MP										
5	LIQUID N		L	1	QT/A	MP										
6	PROWL	3.3	EC	1.24	LB A/A	PRE	0	53	70	57	80	0	100	83	90	80
6	RAPTOR	1	E	.032	LB A/A	MP										
6	STATUS	2	EC	.156	LB A/A	MP										
6	SUNIT		L	.75	QT/A	MP										
6	LIQUID N		L	1	QT/A	MP										
7	RAPTOR	1	E	.04	LB A/A	MP	0	80	53	73	83	0	100	83	87	80
7	SUNIT		L	.75	QT/A	MP										
7	LIQUID N		L	1	QT/A	MP										
8	RAPTOR	1	E	.04	LB A/A	MP	0	87	97	80	93	0	97	83	90	83
8	STATUS	2	EC	.156	LB A/A	MP										
8	SUNIT		L	.75	QT/A	MP										
8	LIQUID N		L	1	QT/A	MP										

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SOYBEAN POSTEMERGENCE V

Trial ID: S6026 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	PHBPU	XANST	GLYMA	SETFA	AMBTR	PHBPU	XANST
	Weed Code						GLYMA	SETFA	AMBTR	PHBPU	XANST	GLYMA	SETFA	AMBTR	PHBPU	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
9	PROWL	3.3	EC	1.24	LB A/A	PRE	0	80	87	77	80	0	100	77	90	80
9	RAPTOR	1	E	.04	LB A/A	MP										
9	SUNIT		L	.75	QT/A	MP										
9	LIQUID N		L	1	QT/A	MP										
10	PROWL	3.3	EC	1.24	LB A/A	PRE	0	47	90	60	60	0	100	77	87	73
10	RAPTOR	1	E	.04	LB A/A	MP										
10	STATUS	2	EC	.156	LB A/A	MP										
10	SUNIT		L	.75	QT/A	MP										
10	LIQUID N		L	1	QT/A	MP										
11	PROWL	3.3	EC	1.24	LB A/A	PRE	0	90	100	60	90	0	100	93	93	93
11	PURSUIT	70	DF	.063	LB A/A	MP										
11	PINNACLE	25	DF	.002	LB A/A	MP										
11	ACTIVATOR 90			.25	% V/V	MP										
11	LIQUID N		L	1	QT/A	MP										
12	GALAXY	3.67	EC	.91	LB A/A	MP	0	90	83	67	80	3	100	57	90	67
12	POAST PLUS	1	E	.188	LB A/A	MP										
12	COC		L	1	QT/A	MP										
12	LIQUID N		L	2	QT/A	MP										
13	CONCERT	25	DF	.0078	LB A/A	MP	0	97	97	73	90	0	97	77	90	87
13	ASSURE II	0.8	EC	.055	LB A/A	MP										
13	ACTIVATOR 90			.25	% V/V	MP										
13	LIQUID N		L	2	QT/A	MP										
14	Weedy Check						0	60	80	70	83	0	0	0	0	0
	LSD (P=.05)						0.0	19.0	35.3	16.4	16.1	4.5	5.2	23.8	5.8	13.8
	Standard Deviation						0.0	11.3	21.0	9.8	9.6	2.7	3.1	14.2	3.5	8.2
	CV						.	14.59	25.82	14.51	11.76	374.17	3.37	19.36	4.11	10.79

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE V

Trial ID: S6026 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMBTR 3.PHBPU
4.XANST

Crop 1: GLYMA **Variety:** A4045 **Planting Date:** 5-14-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 52 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-21-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.3 **% Sand:** 8.5 **% Silt:** 66 **% Clay:** 25
pH: 6.1 **CEC:** 21.6 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	5-30-96				
Time of Day:	10:30 AM	1:30 PM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	48 F	68 F				
% Relative Humidity:	85	60				
Wind Velocity, Unit:	4 MPH	5 MPH				
Soil Temp., Unit:	52 F	72 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	15				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP				
		1 TR				
		6 IN				

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SOYBEAN POSTEMERGENCE V

Trial ID: S6026 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
AMBTR		4-6 LVS				
		2-4 IN				
PHBPU		4 LVS				
		4 IN				
XANST		5 LVS				
		4 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	5 FT	5 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

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SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2WEEKS	2 WEEKS	2 WEEKS	2WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.27	LB A/A	MP	93	94	0	93	99	98	94	94	99
1	LIBERTY	1.67	E	.27	LB A/A	+2W									
2	LIBERTY	1.67	E	.27	LB A/A	MP	99	90	0	99	99	96	98	88	98
2	CHOICE		L	1	QT/A	MP									
2	LIBERTY	1.67	E	.27	LB A/A	+2W									
2	CHOICE		L	1	QT/A	+2W									
3	LIBERTY	1.67	E	.36	LB A/A	MP	95	85	0	95	92	85	88	87	99
4	LIBERTY	1.67	E	.36	LB A/A	MP	90	90	0	90	91	82	87	90	99
4	CHOICE		L	1	QT/A	MP									
5	LIBERTY	1.67	E	.36	LB A/A	MP	100	99	0	100	95	96	94	98	99
5	LIBERTY	1.67	E	.36	LB A/A	+2W									
6	LIBERTY	1.67	E	.36	LB A/A	MP	99	99	0	99	99	99	99	99	99
6	CHOICE		L	1	QT/A	MP									
6	LIBERTY	1.67	E	.36	LB A/A	+2W									
6	CHOICE		L	1	QT/A	+2W									
7	LIBERTY	1.67	E	.36	LB A/A	MP	99	99	0	99	99	99	96	99	99
7	LIBERTY	1.67	E	.27	LB A/A	+2W									
8	LIBERTY	1.67	E	.36	LB A/A	MP	99	99	0	99	99	99	99	99	99
8	CHOICE		L	1	QT/A	MP									
8	LIBERTY	1.67	E	.27	LB A/A	+2W									
8	CHOICE		L	1	QT/A	+2W									
9	LIBERTY	1.67	E	.36	LB A/A	MP	97	97	0	97	97	98	91	93	93
9	LIBERTY	1.67	E	.2	LB A/A	+2W									
10	SENCOR	75	DF	.375	LB A/A	PRE	95	95	0	95	93	91	98	88	96
10	LIBERTY	1.67	E	.36	LB A/A	MP									
11	SENCOR	75	DF	.375	LB A/A	PRE	95	90	0	95	97	98	95	93	90
11	LIBERTY	1.67	E	.36	LB A/A	MP									
11	CHOICE		L	1	QT/A	MP									
12	PROWL	3.3	EC	1.5	LB A/A	PRE	90	90	23	90	92	96	95	82	86

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SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2WEEKS	2 WEEKS	2 WEEKS	2WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
13	PURSUIT	70	DF	.063	LB A/A	MP	98	93	0	98	98	99	91	98	96
13	COC		L	.5	QT/A	MP									
13	LIQUID N		L	1	QT/A	MP									
14	PROWL	3.3	EC	1.5	LB A/A	PRE	100	100	43	100	98	96	95	88	93
14	LIBERTY	1.67	E	.36	LB A/A	MP									
15	PROWL	3.3	EC	1.5	LB A/A	PRE	96	90	40	96	99	96	98	83	96
15	LIBERTY	1.67	E	.36	LB A/A	MP									
15	CHOICE		L	1	QT/A	MP									
16	FRONTIER	6	E	.94	LB A/A	MP	98	98	0	98	96	99	99	93	96
16	LIBERTY	1.67	E	.36	LB A/A	MP									
16	CHOICE		L	1	QT/A	MP									
17	FRONTIER	6	E	1.2	LB A/A	PRE	98	98	3	98	97	98	93	92	96
17	LIBERTY	1.67	E	.36	LB A/A	MP									
17	CHOICE		L	1	QT/A	MP									
18	LIBERTY	1.67	E	.36	LB A/A	MP	100	100	37	100	93	98	90	88	95
18	CHOICE		L	1	QT/A	MP									
18	NON TRANSFORMED														
	LSD (P=.05)						5.2	4.7	24.5	5.2	7.1	9.8	9.6	7.9	7.2
	Standard Deviation						3.1	2.8	14.7	3.1	4.3	5.9	5.7	4.7	4.3
	CV						3.23	3.0	180.6	3.23	4.45	6.12	6.07	5.17	4.53

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SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.27	LB A/A	MP	0	93	99	98	94	94	99
1	LIBERTY	1.67	E	.27	LB A/A	+2W							
2	LIBERTY	1.67	E	.27	LB A/A	MP	0	99	99	96	98	88	98
2	CHOICE		L	1	QT/A	MP							
2	LIBERTY	1.67	E	.27	LB A/A	+2W							
2	CHOICE		L	1	QT/A	+2W							
3	LIBERTY	1.67	E	.36	LB A/A	MP	0	90	92	85	88	87	99
4	LIBERTY	1.67	E	.36	LB A/A	MP	0	53	85	73	83	85	99
4	CHOICE		L	1	QT/A	MP							
5	LIBERTY	1.67	E	.36	LB A/A	MP	33	78	71	79	83	91	71
5	LIBERTY	1.67	E	.36	LB A/A	+2W							
6	LIBERTY	1.67	E	.36	LB A/A	MP	0	99	99	99	99	99	99
6	CHOICE		L	1	QT/A	MP							
6	LIBERTY	1.67	E	.36	LB A/A	+2W							
6	CHOICE		L	1	QT/A	+2W							
7	LIBERTY	1.67	E	.36	LB A/A	MP	0	99	99	99	96	99	99
7	LIBERTY	1.67	E	.27	LB A/A	+2W							
8	LIBERTY	1.67	E	.36	LB A/A	MP	0	99	99	99	99	99	99
8	CHOICE		L	1	QT/A	MP							
8	LIBERTY	1.67	E	.27	LB A/A	+2W							
8	CHOICE		L	1	QT/A	+2W							
9	LIBERTY	1.67	E	.36	LB A/A	MP	0	90	93	95	93	87	95
9	LIBERTY	1.67	E	.2	LB A/A	+2W							
10	SENCOR	75	DF	.375	LB A/A	PRE	0	90	93	91	98	88	96
10	LIBERTY	1.67	E	.36	LB A/A	MP							
11	SENCOR	75	DF	.375	LB A/A	PRE	0	75	87	92	95	93	90
11	LIBERTY	1.67	E	.36	LB A/A	MP							
11	CHOICE		L	1	QT/A	MP							
12	PROWL	3.3	EC	1.5	LB A/A	PRE	23	83	83	82	85	75	77

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SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
13	PURSUIT	70	DF	.063	LB A/A	MP	0	98	98	99	91	98	96
13	COC		L	.5	QT/A	MP							
13	LIQUID N		L	1	QT/A	MP							
14	PROWL	3.3	EC	1.5	LB A/A	PRE	43	93	78	78	50	73	33
14	LIBERTY	1.67	E	.36	LB A/A	MP							
15	PROWL	3.3	EC	1.5	LB A/A	PRE	40	96	53	72	55	73	23
15	LIBERTY	1.67	E	.36	LB A/A	MP							
15	CHOICE		L	1	QT/A	MP							
16	FRONTIER	6	E	.94	LB A/A	MP	0	98	78	83	80	82	57
16	LIBERTY	1.67	E	.36	LB A/A	MP							
16	CHOICE		L	1	QT/A	MP							
17	FRONTIER	6	E	1.2	LB A/A	PRE	3	96	92	77	83	77	77
17	LIBERTY	1.67	E	.36	LB A/A	MP							
17	CHOICE		L	1	QT/A	MP							
18	LIBERTY	1.67	E	.36	LB A/A	MP	37	71	70	67	72	77	82
18	CHOICE		L	1	QT/A	MP							
18	NON TRANSFORMED												
	LSD (P=.05)						33.8	21.9	26.5	24.2	17.5	12.3	20.7
	Standard Deviation						20.3	13.2	15.9	14.5	10.5	7.4	12.4
	CV						202.6	14.8	18.26	16.69	12.22	8.46	15.05

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.27	LB A/A	MP	0	94	96	98	96	94	99
1	LIBERTY	1.67	E	.27	LB A/A	+2W							
2	LIBERTY	1.67	E	.27	LB A/A	MP	0	99	99	96	98	88	98
2	CHOICE		L	1	QT/A	MP							
2	LIBERTY	1.67	E	.27	LB A/A	+2W							
2	CHOICE		L	1	QT/A	+2W							
3	LIBERTY	1.67	E	.36	LB A/A	MP	0	87	92	93	90	87	99
4	LIBERTY	1.67	E	.36	LB A/A	MP	0	63	91	78	88	90	99
4	CHOICE		L	1	QT/A	MP							
5	LIBERTY	1.67	E	.36	LB A/A	MP	0	78	91	79	83	91	71
5	LIBERTY	1.67	E	.36	LB A/A	+2W							
6	LIBERTY	1.67	E	.36	LB A/A	MP	0	99	99	99	99	99	99
6	CHOICE		L	1	QT/A	MP							
6	LIBERTY	1.67	E	.36	LB A/A	+2W							
6	CHOICE		L	1	QT/A	+2W							
7	LIBERTY	1.67	E	.36	LB A/A	MP	0	99	99	99	96	99	99
7	LIBERTY	1.67	E	.27	LB A/A	+2W							
8	LIBERTY	1.67	E	.36	LB A/A	MP	0	99	99	99	99	99	99
8	CHOICE		L	1	QT/A	MP							
8	LIBERTY	1.67	E	.27	LB A/A	+2W							
8	CHOICE		L	1	QT/A	+2W							
9	LIBERTY	1.67	E	.36	LB A/A	MP	0	90	85	86	90	87	95
9	LIBERTY	1.67	E	.2	LB A/A	+2W							
10	SENCOR	75	DF	.375	LB A/A	PRE	0	87	93	93	98	88	96
10	LIBERTY	1.67	E	.36	LB A/A	MP							
11	SENCOR	75	DF	.375	LB A/A	PRE	0	70	88	90	95	93	90
11	LIBERTY	1.67	E	.36	LB A/A	MP							
11	CHOICE		L	1	QT/A	MP							
12	PROWL	3.3	EC	1.5	LB A/A	PRE	12	65	87	82	85	72	77

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Weed Code						GLYMA	SETFA	ABUTH	AMARE	CHEAL	IPOHE	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
13	PURSUIT	70	DF	.063	LB A/A	MP	0	98	98	99	91	98	96
13	COC		L	.5	QT/A	MP							
13	LIQUID N		L	1	QT/A	MP							
14	PROWL	3.3	EC	1.5	LB A/A	PRE	28	90	70	70	57	67	33
14	LIBERTY	1.67	E	.36	LB A/A	MP							
15	PROWL	3.3	EC	1.5	LB A/A	PRE	30	88	53	72	55	73	23
15	LIBERTY	1.67	E	.36	LB A/A	MP							
15	CHOICE		L	1	QT/A	MP							
16	FRONTIER	6	E	.94	LB A/A	MP	0	98	87	83	80	87	57
16	LIBERTY	1.67	E	.36	LB A/A	MP							
16	CHOICE		L	1	QT/A	MP							
17	FRONTIER	6	E	1.2	LB A/A	PRE	3	96	90	77	83	80	60
17	LIBERTY	1.67	E	.36	LB A/A	MP							
17	CHOICE		L	1	QT/A	MP							
18	LIBERTY	1.67	E	.36	LB A/A	MP	73	88	87	82	85	78	70
18	CHOICE		L	1	QT/A	MP							
18	NON TRANSFORMED												
	LSD (P=.05)						12.8	17.1	10.7	16.6	15.0	9.6	22.5
	Standard Deviation						7.7	10.3	6.4	10.0	9.0	5.8	13.5
	CV						94.04	11.63	7.21	11.41	10.32	6.62	16.65

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.ABUTH 3.AMARE
4.CHEAL 5.IPOHE 6.XANST

Crop 1: GLYMA **Variety:** LIBERTY LINK **Planting Date:** 5-17-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 67 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 7.4 **% Silt:** 67 **% Clay:** 25
pH: 5.9 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-17-96	5-31-96	6-13-96			
Time of Day:	11:30 AM	2:30 PM	11 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	MP + 2WK			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	76 F	75 F	65 F			
% Relative Humidity:	85	60	85			
Wind Velocity, Unit:	4 MPH	5 MPH	4 MPH			
Soil Temp., Unit:	67 F	75 F	68 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	15	15			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP	MP + 2WK			
		1 TR	3 TR			
		7 IN	12 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6034 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6 LVS			
		4 IN	6-8 IN			
ABUTH		4 LVS	6 LVS			
		2-4 IN	6 IN			
AMARE		4-6 LVS	7 LVS			
		2-3 IN	8 IN			
CHEAL		5-6 LVS	8 LVS			
		3-4 IN	8 IN			
IPOHE		3 LVS	7-8 LVS			
		4 IN	9 IN			
XANST		5 LVS	6-7 LVS			
		4 IN	8 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S6035 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	12J	99	95	0	96	98	99
2	LIBERTY	1.67	E	.36	LB A/A	12J	96	96	0	96	99	99
2	CHOICE		L	1	QT/A	12J						
3	LIBERTY	1.67	E	.36	LB A/A	18J	90	91	3	90	93	98
4	LIBERTY	1.67	E	.36	LB A/A	18J	83	87	0	83	91	93
4	CHOICE		L	1	QT/A	18J						
5	LIBERTY	1.67	E	.27	LB A/A	12J	98	98	3	98	98	99
5	LIBERTY	1.67	E	.27	LB A/A	+2W						
6	LIBERTY	1.67	E	.27	LB A/A	12J	96	99	12	96	69	99
6	CHOICE		L	1	QT/A	12J						
6	LIBERTY	1.67	E	.27	LB A/A	+2W						
6	CHOICE		L	1	QT/A	+2W						
7	LIBERTY	1.67	E	.36	LB A/A	12J	98	99	3	98	99	99
7	LIBERTY	1.67	E	.27	LB A/A	+2W						
8	LIBERTY	1.67	E	.36	LB A/A	12J	99	99	7	99	99	99
8	CHOICE		L	1	QT/A	12J						
8	LIBERTY	1.67	E	.27	LB A/A	+2W						
8	CHOICE		L	1	QT/A	+2W						
9	LIBERTY	1.67	E	.27	LB A/A	12J	99	98	3	99	66	98
9	PURSUIT	70	DF	.031	LB A/A	12J						
9	COC		L	.5	QT/A	12J						
10	LIBERTY	1.67	E	.27	LB A/A	12J	99	99	0	99	98	99
10	PURSUIT	70	DF	.031	LB A/A	12J						
10	COC		L	.5	QT/A	12J						
10	CHOICE		L	1	QT/A	12J						
11	PURSUIT	70	DF	.063	LB A/A	12J	98	96	8	98	99	98
11	COC		L	.5	QT/A	12J						
11	LIQUID N		L	1	QT/A	12J						
12	STORM	4	EC	.91	LB A/A	12J	95	99	8	95	99	99
12	OPTION II	1	EC	.08	LB A/A	12J						

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S6035 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
13	LIBERTY	1.67	E	.27	LB A/A	12J	99	99	0	99	99	99
13	OPTION II	1	EC	.08	LB A/A	12J						
13	FUSION	2.66	EC	.21	LB A/A	12J						
14	LIBERTY	1.67	E	.36	LB A/A	12J	98	99	0	98	99	99
14	OPTION II	1	EC	.08	LB A/A	12J						
15	FUSION	2.66	EC	.21	LB A/A	12J	99	13	0	99	40	10
15	MSO		L	1	QT/A	12J						
15	LIQUID N		L	2.5	QT/A	12J						
16	SELECT	2	EC	.125	LB A/A	12J	99	10	0	99	40	10
16	COC		L	1	QT/A	12J						
	LSD (P=.05)						5.2	5.9	7.8	5.6	44.2	3.3
	Standard Deviation						3.1	3.6	4.7	3.3	26.5	2.0
	CV						3.24	4.14	154.95	3.46	30.61	2.3

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S6035 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	12J	0	78	83	88	0	78	83	88
2	LIBERTY	1.67	E	.36	LB A/A	12J	0	85	92	94	0	83	85	89
2	CHOICE		L	1	QT/A	12J								
3	LIBERTY	1.67	E	.36	LB A/A	18J	0	83	80	95	0	82	77	95
4	LIBERTY	1.67	E	.36	LB A/A	18J	0	62	82	83	0	55	78	83
4	CHOICE		L	1	QT/A	18J								
5	LIBERTY	1.67	E	.27	LB A/A	12J	0	99	99	99	0	99	98	99
5	LIBERTY	1.67	E	.27	LB A/A	+2W								
6	LIBERTY	1.67	E	.27	LB A/A	12J	0	96	99	99	0	96	99	99
6	CHOICE		L	1	QT/A	12J								
6	LIBERTY	1.67	E	.27	LB A/A	+2W								
6	CHOICE		L	1	QT/A	+2W								
7	LIBERTY	1.67	E	.36	LB A/A	12J	0	98	99	99	0	98	99	99
7	LIBERTY	1.67	E	.27	LB A/A	+2W								
8	LIBERTY	1.67	E	.36	LB A/A	12J	0	99	99	99	0	99	99	99
8	CHOICE		L	1	QT/A	12J								
8	LIBERTY	1.67	E	.27	LB A/A	+2W								
8	CHOICE		L	1	QT/A	+2W								
9	LIBERTY	1.67	E	.27	LB A/A	12J	0	99	99	96	0	99	99	96
9	PURSUIT	70	DF	.031	LB A/A	12J								
9	COC		L	.5	QT/A	12J								
10	LIBERTY	1.67	E	.27	LB A/A	12J	0	99	99	99	0	99	99	99
10	PURSUIT	70	DF	.031	LB A/A	12J								
10	COC		L	.5	QT/A	12J								
10	CHOICE		L	1	QT/A	12J								
11	PURSUIT	70	DF	.063	LB A/A	12J	3	96	99	98	3	96	99	98
11	COC		L	.5	QT/A	12J								
11	LIQUID N		L	1	QT/A	12J								
12	STORM	4	EC	.91	LB A/A	12J	0	83	99	98	0	80	99	98
12	OPTION II	1	EC	.08	LB A/A	12J								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S6035 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
Weed Code							GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
Crop Code														
Part Rated							INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Data Type							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Unit														
Rating Date														
Footnote Number														
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0
13	LIBERTY	1.67	E	.27	LB A/A	12J	0	98	80	91	0	98	80	91
13	OPTION II	1	EC	.08	LB A/A	12J								
13	FUSION	2.66	EC	.21	LB A/A	12J								
14	LIBERTY	1.67	E	.36	LB A/A	12J	0	83	88	99	0	82	88	99
14	OPTION II	1	EC	.08	LB A/A	12J								
15	FUSION	2.66	EC	.21	LB A/A	12J	0	99	10	10	0	99	10	10
15	MSO		L	1	QT/A	12J								
15	LIQUID N		L	2.5	QT/A	12J								
16	SELECT	2	EC	.125	LB A/A	12J	0	99	10	10	0	99	10	10
16	COC		L	1	QT/A	12J								
LSD (P=.05)							2.4	7.2	10.8	10.7	2.4	10.0	12.4	12.5
Standard Deviation							1.4	4.3	6.5	6.4	1.4	6.0	7.4	7.5
CV							692.82	4.71	7.88	7.58	692.82	6.63	9.1	8.85

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S6035 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SORHA 2.AMARE 3.CHEAL

Crop 1: GLYMA **Variety:** LIBERTY LINK **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 52 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.2 **% Sand:** 7.7 **% Silt:** 66 **% Clay:** 26
pH: 5.5 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-31-96	6-13-96	6-6-96			
Time of Day:	11 AM	1 PM	10 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	12"J	12"J + 2W	18" J			
Applic. Placement:	FOLIAR	FOLIAR	FOLIAR			
Air Temp., Unit:	51 F	78 F	66 F			
% Relative Humidity:	87	70	80			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	60 F	80 F	68 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	15	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA						

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA						
AMARE						
CHEAL						

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S6035 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	AUTHORITY	75	DF	.375	LB A/A	2WK	70	33	0	70	53	43	30	27
1	COMMAND	3	ME	.75	LB A/A	2WK								
1	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
2	AUTHORITY	75	DF	.375	LB A/A	PRE	83	37	0	83	43	37	80	23
2	COMMAND	3	ME	.75	LB A/A	PRE								
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
3	AUTHORITY	75	DF	.375	LB A/A	2WK	43	33	0	43	53	63	27	37
3	SENCOR 4 FL	4	F	.225	LB A/A	2WK								
3	FRONTIER	6	E	1.3	LB A/A	2WK								
3	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
4	AUTHORITY	75	DF	.375	LB A/A	PRE	77	40	0	77	57	70	37	40
4	SENCOR 4 FL	4	F	.225	LB A/A	PRE								
4	FRONTIER	6	E	1.3	LB A/A	PRE								
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
5	AUTHORITY	75	DF	.188	LB A/A	2WK	37	60	0	37	50	63	87	90
5	F6025	25	DF	.0375	LB A/A	2WK								
5	FRONTIER	6	E	1.3	LB A/A	2WK								
5	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
6	AUTHORITY	75	DF	.2	LB A/A	2WK	43	40	0	43	50	43	37	87
6	F6025	25	DF	.04	LB A/A	2WK								
6	FRONTIER	6	E	1.3	LB A/A	2WK								
6	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
7	AUTHORITY	75	DF	.23	LB A/A	2WK	40	40	0	40	53	53	23	80
7	F6025	25	DF	.046	LB A/A	2WK								
7	FRONTIER	6	E	1.3	LB A/A	2WK								
7	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK								
8	AUTHORITY	75	DF	.188	LB A/A	PRE	83	67	0	83	63	70	77	83
8	F6025	25	DF	.0375	LB A/A	PRE								
8	FRONTIER	6	E	1.3	LB A/A	PRE								
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
9	AUTHORITY	75	DF	.2	LB A/A	PRE	77	73	0	77	73	80	90	77
9	F6025	25	DF	.04	LB A/A	PRE								
9	FRONTIER	6	E	1.3	LB A/A	PRE								
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
10	AUTHORITY	75	DF	.23	LB A/A	PRE	73	53	0	73	53	70	53	80
10	F6025	25	DF	.046	LB A/A	PRE								
10	FRONTIER	6	E	1.3	LB A/A	PRE								
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE								
11	SELECT	2	EC	.031	LB A/A	1WK	97	67	0	97	60	80	100	100
11	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
11	COC		L	1	QT/A	1WK								
11	LIQUID N		L	1	QT/A	1WK								
11	PURSUIT	70	DF	.063	LB A/A	MP								
11	COBRA	2	EC	.125	LB A/A	MP								
11	SELECT	2	EC	.094	LB A/A	MP								
11	COC		L	.5	QT/A	MP								
11	LIQUID N		L	1	QT/A	MP								
12	SELECT	2	EC	.047	LB A/A	1WK	93	80	0	93	73	83	100	70
12	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
12	COC		L	1	QT/A	1WK								
12	LIQUID N		L	1	QT/A	1WK								
12	PURSUIT	70	DF	.063	LB A/A	MP								
12	COBRA	2	EC	.125	LB A/A	MP								
12	SELECT	2	EC	.094	LB A/A	MP								
12	COC		L	.5	QT/A	MP								
12	LIQUID N		L	1	QT/A	MP								
13	SELECT	2	EC	.063	LB A/A	1WK	100	73	0	100	67	80	100	100
13	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
13	COC		L	1	QT/A	1WK								
13	LIQUID N		L	1	QT/A	1WK								
13	PURSUIT	70	DF	.063	LB A/A	MP								
13	COBRA	2	EC	.125	LB A/A	MP								
13	SELECT	2	EC	.094	LB A/A	MP								
13	COC		L	.5	QT/A	MP								
13	LIQUID N		L	1	QT/A	MP								

Dept. of Agronomy, Univ. of KY
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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
14	SELECT	2	EC	.078	LB A/A	1WK	93	83	0	93	83	87	100	100
14	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
14	COC		L	1	QT/A	1WK								
14	LIQUID N		L	1	QT/A	1WK								
14	PURSUIT	70	DF	.063	LB A/A	MP								
14	COBRA	2	EC	.125	LB A/A	MP								
14	SELECT	2	EC	.094	LB A/A	MP								
14	COC		L	.5	QT/A	MP								
14	LIQUID N		L	1	QT/A	MP								
15	SELECT	2	EC	.094	LB A/A	1WK	97	77	0	97	73	80	100	100
15	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
15	COC		L	1	QT/A	1WK								
15	LIQUID N		L	1	QT/A	1WK								
15	PURSUIT	70	DF	.063	LB A/A	MP								
15	COBRA	2	EC	.125	LB A/A	MP								
15	SELECT	2	EC	.094	LB A/A	MP								
15	COC		L	.5	QT/A	MP								
15	LIQUID N		L	1	QT/A	MP								
16	SELECT	2	EC	.047	LB A/A	1WK	97	80	0	97	77	90	100	100
16	PROWL	3.3	EC	1	LB A/A	1WK								
16	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
16	COC		L	1	QT/A	1WK								
16	LIQUID N		L	1	QT/A	1WK								
16	PURSUIT	70	DF	.063	LB A/A	MP								
16	COBRA	2	EC	.125	LB A/A	MP								
16	SELECT	2	EC	.094	LB A/A	MP								
16	COC		L	.5	QT/A	MP								
16	LIQUID N		L	1	QT/A	MP								
17	SELECT	2	EC	.063	LB A/A	1WK	100	80	0	100	77	90	100	100
17	PROWL	3.3	EC	1	LB A/A	1WK								
17	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
17	COC		L	1	QT/A	1WK								
17	LIQUID N		L	1	QT/A	1WK								
17	PURSUIT	70	DF	.063	LB A/A	MP								
17	COBRA	2	EC	.125	LB A/A	MP								
17	SELECT	2	EC	.094	LB A/A	MP								
17	COC		L	.5	QT/A	MP								
17	LIQUID N		L	1	QT/A	MP								

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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
18	SELECT	2	EC	.063	LB A/A	1WK	87	43	0	87	57	87	23	90
18	COC		L	1	QT/A	1WK								
18	LIQUID N		L	1	QT/A	1WK								
18	PURSUIT	70	DF	.063	LB A/A	MP								
18	COBRA	2	EC	.125	LB A/A	MP								
18	SELECT	2	EC	.094	LB A/A	MP								
18	COC		L	.5	QT/A	MP								
18	LIQUID N		L	1	QT/A	MP								
19	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK	97	80	0	97	77	90	100	100
19	WEEDONE LV4	3.8	E	.5	LB A/A	1WK								
19	CHOICE		L	1	QT/A	1WK								
19	PURSUIT	70	DF	.063	LB A/A	MP								
19	COBRA	2	EC	.125	LB A/A	MP								
19	SELECT	2	EC	.094	LB A/A	MP								
19	COC		L	.5	QT/A	MP								
19	LIQUID N		L	1	QT/A	MP								
20	Weedy Check						0	0	0	0	0	0	0	0
	LSD (P=.05)						16.0	18.9	0.0	16.0	16.6	14.2	15.9	25.9
	Standard Deviation						9.7	11.4	0.0	9.7	10.0	8.6	9.6	15.7
	CV						13.05	20.05	.	13.05	16.81	12.65	14.12	21.15

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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	AUTHORITY	75	DF	.375	LB A/A	2WK	0	77	57	47	37	33
1	COMMAND	3	ME	.75	LB A/A	2WK						
1	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK						
2	AUTHORITY	75	DF	.375	LB A/A	PRE	0	87	47	27	77	27
2	COMMAND	3	ME	.75	LB A/A	PRE						
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE						
3	AUTHORITY	75	DF	.375	LB A/A	2WK	0	40	53	67	27	33
3	SENCOR 4 FL	4	F	.225	LB A/A	2WK						
3	FRONTIER	6	E	1.3	LB A/A	2WK						
3	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK						
4	AUTHORITY	75	DF	.375	LB A/A	PRE	0	77	57	70	67	67
4	SENCOR 4 FL	4	F	.225	LB A/A	PRE						
4	FRONTIER	6	E	1.3	LB A/A	PRE						
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE						
5	AUTHORITY	75	DF	.188	LB A/A	2WK	0	33	57	67	77	83
5	F6025	25	DF	.0375	LB A/A	2WK						
5	FRONTIER	6	E	1.3	LB A/A	2WK						
5	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK						
6	AUTHORITY	75	DF	.2	LB A/A	2WK	0	53	50	57	40	83
6	F6025	25	DF	.04	LB A/A	2WK						
6	FRONTIER	6	E	1.3	LB A/A	2WK						
6	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK						
7	AUTHORITY	75	DF	.23	LB A/A	2WK	0	50	57	57	40	80
7	F6025	25	DF	.046	LB A/A	2WK						
7	FRONTIER	6	E	1.3	LB A/A	2WK						
7	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK						
8	AUTHORITY	75	DF	.188	LB A/A	PRE	0	80	63	70	50	67
8	F6025	25	DF	.0375	LB A/A	PRE						
8	FRONTIER	6	E	1.3	LB A/A	PRE						
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE						
9	AUTHORITY	75	DF	.2	LB A/A	PRE	0	73	73	83	87	77
9	F6025	25	DF	.04	LB A/A	PRE						
9	FRONTIER	6	E	1.3	LB A/A	PRE						
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE						

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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
10	AUTHORITY	75	DF	.23	LB A/A	PRE	0	73	63	73	50	77
10	F6025	25	DF	.046	LB A/A	PRE						
10	FRONTIER	6	E	1.3	LB A/A	PRE						
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE						
11	SELECT	2	EC	.031	LB A/A	1WK	0	93	60	83	100	100
11	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
11	COC		L	1	QT/A	1WK						
11	LIQUID N		L	1	QT/A	1WK						
11	PURSUIT	70	DF	.063	LB A/A	MP						
11	COBRA	2	EC	.125	LB A/A	MP						
11	SELECT	2	EC	.094	LB A/A	MP						
11	COC		L	.5	QT/A	MP						
11	LIQUID N		L	1	QT/A	MP						
12	SELECT	2	EC	.047	LB A/A	1WK	0	90	73	87	100	93
12	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
12	COC		L	1	QT/A	1WK						
12	LIQUID N		L	1	QT/A	1WK						
12	PURSUIT	70	DF	.063	LB A/A	MP						
12	COBRA	2	EC	.125	LB A/A	MP						
12	SELECT	2	EC	.094	LB A/A	MP						
12	COC		L	.5	QT/A	MP						
12	LIQUID N		L	1	QT/A	MP						
13	SELECT	2	EC	.063	LB A/A	1WK	0	100	77	90	100	100
13	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
13	COC		L	1	QT/A	1WK						
13	LIQUID N		L	1	QT/A	1WK						
13	PURSUIT	70	DF	.063	LB A/A	MP						
13	COBRA	2	EC	.125	LB A/A	MP						
13	SELECT	2	EC	.094	LB A/A	MP						
13	COC		L	.5	QT/A	MP						
13	LIQUID N		L	1	QT/A	MP						

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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code						GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
14	SELECT	2	EC	.078	LB A/A	1WK	0	93	80	83	100	100
14	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
14	COC		L	1	QT/A	1WK						
14	LIQUID N		L	1	QT/A	1WK						
14	PURSUIT	70	DF	.063	LB A/A	MP						
14	COBRA	2	EC	.125	LB A/A	MP						
14	SELECT	2	EC	.094	LB A/A	MP						
14	COC		L	.5	QT/A	MP						
14	LIQUID N		L	1	QT/A	MP						
15	SELECT	2	EC	.094	LB A/A	1WK	0	90	73	80	100	100
15	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
15	COC		L	1	QT/A	1WK						
15	LIQUID N		L	1	QT/A	1WK						
15	PURSUIT	70	DF	.063	LB A/A	MP						
15	COBRA	2	EC	.125	LB A/A	MP						
15	SELECT	2	EC	.094	LB A/A	MP						
15	COC		L	.5	QT/A	MP						
15	LIQUID N		L	1	QT/A	MP						
16	SELECT	2	EC	.047	LB A/A	1WK	0	90	80	90	97	100
16	PROWL	3.3	EC	1	LB A/A	1WK						
16	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
16	COC		L	1	QT/A	1WK						
16	LIQUID N		L	1	QT/A	1WK						
16	PURSUIT	70	DF	.063	LB A/A	MP						
16	COBRA	2	EC	.125	LB A/A	MP						
16	SELECT	2	EC	.094	LB A/A	MP						
16	COC		L	.5	QT/A	MP						
16	LIQUID N		L	1	QT/A	MP						
17	SELECT	2	EC	.063	LB A/A	1WK	0	100	80	93	100	100
17	PROWL	3.3	EC	1	LB A/A	1WK						
17	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
17	COC		L	1	QT/A	1WK						
17	LIQUID N		L	1	QT/A	1WK						
17	PURSUIT	70	DF	.063	LB A/A	MP						
17	COBRA	2	EC	.125	LB A/A	MP						
17	SELECT	2	EC	.094	LB A/A	MP						
17	COC		L	.5	QT/A	MP						
17	LIQUID N		L	1	QT/A	MP						

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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Weed Code						GLYMA	SETFA	PHBPU	XANST	AMBTR	AMBEL
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
18	SELECT	2	EC	.063	LB A/A	1WK	0	90	57	87	27	90
18	COC		L	1	QT/A	1WK						
18	LIQUID N		L	1	QT/A	1WK						
18	PURSUIT	70	DF	.063	LB A/A	MP						
18	COBRA	2	EC	.125	LB A/A	MP						
18	SELECT	2	EC	.094	LB A/A	MP						
18	COC		L	.5	QT/A	MP						
18	LIQUID N		L	1	QT/A	MP						
19	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK	0	93	77	93	100	100
19	WEEDONE LV4	3.8	E	.5	LB A/A	1WK						
19	CHOICE		L	1	QT/A	1WK						
19	PURSUIT	70	DF	.063	LB A/A	MP						
19	COBRA	2	EC	.125	LB A/A	MP						
19	SELECT	2	EC	.094	LB A/A	MP						
19	COC		L	.5	QT/A	MP						
19	LIQUID N		L	1	QT/A	MP						
20	Weedy Check						0	0	0	0	0	0
	LSD (P=.05)						0.0	13.7	14.8	12.9	17.0	15.9
	Standard Deviation						0.0	8.3	8.9	7.8	10.3	9.6
	CV						.	11.16	14.5	11.16	15.02	12.78

Dept. of Agronomy, Univ. of KY
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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.PHBPU 3.XANST
4.AMBTR 5.AMBEL

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** NO-TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-2-96	5-17-96	5-17-96	5-31-96		
Time of Day:	1 PM	9:30 AM	10 AM	2 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	2 WK	1 WK	PRE	MP		
Applic. Placement:	SURFACE	SURFACE	SURFACE	FOLIAR		
Air Temp., Unit:	65 F	68 F	68 F	74 F		
% Relative Humidity:	60	87	87	68		
Wind Velocity, Unit:	5 MPH	4 MPH	4 MPH	5 MPH		
Soil Temp., Unit:	56 F	63 F	63 F	70 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	15	10	10	15		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA				MP		
				1 TR		
				6 IN		

Dept. of Agronomy, Univ. of KY
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NO-TILL SOYBEAN EARLY PREPLANT

Trial ID: S6017 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA				4 LVS		
				4 IN		
PHBPU				3 LVS		
				4 IN		
XANST				5 LVS		
				4 IN		
AMBTR				4-6 LVS		
				2-4 IN		
AMBEL				5 LVS		
				4 IN		

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT	6.3 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT II

Trial ID: S6018 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	SQUADRON	2.33	EC	.87	LB A/A	1WK	73	80	0	73	70	93	0	73	73	93
1	PROWL	3.3	EC	.41	LB A/A	1WK										
1	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK										
2	SQUADRON	2.33	EC	.87	LB A/A	PRE	87	67	0	87	70	73	0	83	73	70
2	PROWL	3.3	EC	.41	LB A/A	PRE										
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
3	PROWL	3.3	EC	1.24	LB A/A	1WK	100	83	7	100	80	97	3	100	83	97
3	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK										
3	PURSUIT	70	DF	.063	LB A/A	MP										
3	COC		L	1	QT/A	MP										
3	LIQUID N		L	1	QT/A	MP										
4	SENCOR	75	DF	.188	LB A/A	1WK	43	47	0	43	53	63	0	37	50	67
4	SELECT	2	EC	.047	LB A/A	1WK										
4	WEEDONE LV4	3.8	E	.5	LB A/A	1WK										
4	COC		L	1	QT/A	1WK										
4	LIQUID N		L	1	QT/A	1WK										
5	BANVEL	4	EC	.125	LB A/A	2WK	90	77	3	90	87	93	3	90	87	77
5	FRONTIER	6	E	1.25	LB A/A	2WK										
5	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
5	REFLEX	2	EC	.375	LB A/A	MP										
5	COC		L	.5	QT/A	MP										
5	LIQUID N		L	1	QT/A	MP										
6	BANVEL	4	EC	.25	LB A/A	2WK	90	83	3	90	83	97	0	90	80	90
6	FRONTIER	6	E	1.25	LB A/A	2WK										
6	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
6	REFLEX	2	EC	.375	LB A/A	MP										
6	COC		L	.5	QT/A	MP										
6	LIQUID N		L	1	QT/A	MP										
7	BANVEL	4	EC	.125	LB A/A	2WK	90	87	3	90	83	87	0	80	87	87
7	WEEDONE LV4	3.8	E	.25	LB A/A	2WK										
7	FRONTIER	6	E	1.25	LB A/A	2WK										
7	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
7	REFLEX	2	EC	.375	LB A/A	MP										
7	COC		L	.5	QT/A	MP										
7	LIQUID N		L	1	QT/A	MP										

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT II

Trial ID: S6018 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
8	WEEDONE LV4	3.8	E	.25	LB A/A	2WK	93	77	3	90	80	77	0	83	73	77
8	FRONTIER	6	E	1.25	LB A/A	2WK										
8	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
8	REFLEX	2	EC	.375	LB A/A	MP										
8	COC		L	.5	QT/A	MP										
8	LIQUID N		L	1	QT/A	MP										
9	FRONTIER	6	E	1.25	LB A/A	2WK	93	73	0	93	80	73	0	87	73	67
9	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
9	REFLEX	2	EC	.375	LB A/A	MP										
9	COC		L	.5	QT/A	MP										
9	LIQUID N		L	1	QT/A	MP										
10	SAN 1412H	6	EC	1.5	LB A/A	2WK	93	80	33	93	73	93	23	83	60	93
10	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
10	REFLEX	2	EC	.375	LB A/A	MP										
10	COC		L	.5	QT/A	MP										
10	LIQUID N		L	1	QT/A	MP										
11	FRONTIER	6	E	1.4	LB A/A	2WK	73	83	7	73	80	93	0	70	87	93
11	CANOPY	75	DF	.375	LB A/A	2WK										
11	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK										
12	FRONTIER	6	E	1.4	LB A/A	PRE	87	83	3	87	80	87	0	73	80	80
12	CANOPY	75	DF	.24	LB A/A	PRE										
12	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
13	MICRO-TECH	4	SL	2.5	LB A/A	2WK	83	83	3	83	90	97	0	70	90	97
13	CANOPY	75	DF	.375	LB A/A	2WK										
13	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK										
14	MICRO-TECH	4	SL	2.5	LB A/A	PRE	90	90	10	90	83	100	7	77	83	100
14	CANOPY	75	DF	.24	LB A/A	PRE										
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
15	CANOPY	75	DF	.375	LB A/A	2WK	90	90	3	90	87	93	0	77	87	93
15	WEEDONE LV4	3.8	E	.75	LB A/A	2WK										
15	ASSURE II	0.8	EC	.055	LB A/A	MP										
15	COC		L	1	QT/A	MP										

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NO-TILL EARLY PREPLANT II

Trial ID: S6018 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
16	TOUCHDOWN	6	EC	.5	LB A/A	1WK	93	80	7	93	77	90	0	93	67	90
16	WEEDONE LV4	3.8	E	.47	LB A/A	1WK										
16	ACTIVATOR 90			.5	% V/V	1WK										
16	CHOICE		L	1	QT/A	1WK										
16	TWISTER	1.82	CS	.5127	LB A/A	MP										
16	REFLEX	2	EC	.0625	LB A/A	MP										
16	SUNIT		L	.5	QT/A	MP										
16	LIQUID N		L	2.5	QT/A	MP										
17	TOUCHDOWN	6	EC	1	LB A/A	1WK	93	83	3	93	77	83	0	93	77	83
17	WEEDONE LV4	3.8	E	.47	LB A/A	1WK										
17	ACTIVATOR 90			.5	% V/V	1WK										
17	CHOICE		L	1	QT/A	1WK										
17	TWISTER	1.82	CS	.5127	LB A/A	MP										
17	REFLEX	2	EC	.0625	LB A/A	MP										
17	SUNIT		L	.5	QT/A	MP										
17	LIQUID N		L	2.5	QT/A	MP										
18	GRAMOXONE EXTRA	2.5	AS	.7813	LB A/A	1WK	97	90	3	97	90	93	0	93	77	93
18	WEEDONE LV4	3.8	E	.47	LB A/A	1WK										
18	COC		L	1	QT/A	1WK										
18	TWISTER	1.82	CS	.5127	LB A/A	MP										
18	REFLEX	2	EC	.0625	LB A/A	MP										
18	SUNIT		L	.5	QT/A	MP										
18	LIQUID N		L	2.5	QT/A	MP										
19	GRAMOXONE EXTRA	2.5	AS	.7813	LB A/A	1WK	97	87	7	97	80	100	3	90	70	100
19	SENCOR	75	DF	.094	LB A/A	1WK										
19	COC		L	1	QT/A	1WK										
19	TWISTER	1.82	CS	.5127	LB A/A	MP										
19	REFLEX	2	EC	.0625	LB A/A	MP										
19	SUNIT		L	.5	QT/A	MP										
19	LIQUID N		L	2.5	QT/A	MP										
20	GRAMOXONE EXTRA	2.5	AS	.7813	LB A/A	1WK	97	87	7	97	87	97	0	90	80	97
20	CANOPY	75	DF	.094	LB A/A	1WK										
20	COC		L	1	QT/A	1WK										
20	TWISTER	1.82	CS	.5127	LB A/A	MP										
20	REFLEX	2	EC	.0625	LB A/A	MP										
20	SUNIT		L	.5	QT/A	MP										
20	LIQUID N		L	2.5	QT/A	MP										

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NO-TILL EARLY PREPLANT II

Trial ID: S6018 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
Weed Code							GGGG	BBBB	GLYMA	SETFA	PHBPU	POLPY	GLYMA	SETFA	IPOHE	POLPY
Crop Code																
Part Rated																
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
LSD (P=.05)							7.9	14.4	8.3	7.5	16.5	15.5	4.8	11.1	15.5	16.7
Standard Deviation							4.8	8.7	5.0	4.5	10.0	9.4	2.9	6.7	9.4	10.1
CV							5.46	10.84	94.08	5.17	12.57	10.59	145.85	8.23	12.21	11.64

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT II

Trial ID: S6018 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**PHBPU **3.**POLPY

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** NO-TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-2-96	5-17-96	5-17-96	5-31-96		
Time of Day:	1 PM	9:30 AM	9:30 AM	2 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	2 WK	1 WK	PRE	MP		
Applic. Placement:	SURFACE	SURFACE	SURFACE	FOLIAR		
Air Temp., Unit:	65 F	68 F	68 F	74 F		
% Relative Humidity:	60	87	87	68		
Wind Velocity, Unit:	5 MPH	4 MPH	4 MPH	5 MPH		
Soil Temp., Unit:	56 F	63 F	63 F	70 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	15	10	10	15		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA				MP		
				1 TR		
				6 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA				4 LVS		
				4 IN		
PHBPU				3 LVS		
				4 IN		
POLPY				4 LVS		
				3 IN		

Dept. of Agronomy, Univ. of KY
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NO-TILL EARLY PREPLANT II

Trial ID: S6018 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT	6.3 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL SOYBEAN EARLY PREPLANT

Trial ID: S6019 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
1	AUTHORITY	75	DF	.375	LB A/A	2WK	97	87	0	97	97	87	77	0	93	60	97	80
1	COMMAND	3	ME	.75	LB A/A	2WK												
1	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK												
2	AUTHORITY	75	DF	.375	LB A/A	PRE	97	80	7	97	77	97	87	0	97	73	57	97
2	COMMAND	3	ME	.75	LB A/A	PRE												
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
3	AUTHORITY	75	DF	.375	LB A/A	2WK	90	93	10	90	97	97	90	0	87	80	93	93
3	SENCOR 4 FL	4	F	.225	LB A/A	2WK												
3	FRONTIER	6	E	1.3	LB A/A	2WK												
3	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK												
4	AUTHORITY	75	DF	.375	LB A/A	PRE	87	80	0	83	77	87	83	0	80	70	70	83
4	SENCOR 4 FL	4	F	.225	LB A/A	PRE												
4	FRONTIER	6	E	1.3	LB A/A	PRE												
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
5	AUTHORITY	75	DF	.188	LB A/A	2WK	83	90	0	83	100	90	90	0	77	83	100	83
5	F6025	25	DF	.0375	LB A/A	2WK												
5	FRONTIER	6	E	1.3	LB A/A	2WK												
5	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK												
6	AUTHORITY	75	DF	.2	LB A/A	2WK	77	83	0	77	97	77	67	0	70	60	93	70
6	F6025	25	DF	.04	LB A/A	2WK												
6	FRONTIER	6	E	1.3	LB A/A	2WK												
6	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK												
7	AUTHORITY	75	DF	.23	LB A/A	2WK	77	90	0	73	100	90	87	0	67	83	100	87
7	F6025	25	DF	.046	LB A/A	2WK												
7	FRONTIER	6	E	1.3	LB A/A	2WK												
7	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK												
8	AUTHORITY	75	DF	.188	LB A/A	PRE	93	87	0	93	93	87	90	3	87	83	90	80
8	F6025	25	DF	.0375	LB A/A	PRE												
8	FRONTIER	6	E	1.3	LB A/A	PRE												
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
9	AUTHORITY	75	DF	.2	LB A/A	PRE	90	90	0	90	97	83	90	0	83	90	93	80
9	F6025	25	DF	.04	LB A/A	PRE												
9	FRONTIER	6	E	1.3	LB A/A	PRE												
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL SOYBEAN EARLY PREPLANT

Trial ID: S6019 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
10	AUTHORITY	75	DF	.23	LB A/A	PRE	93	93	0	93	97	93	93	0	90	93	97	90
10	F6025	25	DF	.046	LB A/A	PRE												
10	FRONTIER	6	E	1.3	LB A/A	PRE												
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
11	SELECT	2	EC	.031	LB A/A	1WK	100	90	0	100	100	87	100	0	100	100	100	83
11	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
11	COC		L	1	QT/A	1WK												
11	LIQUID N		L	1	QT/A	1WK												
11	PURSUIT	70	DF	.063	LB A/A	MP												
11	COBRA	2	EC	.125	LB A/A	MP												
11	SELECT	2	EC	.094	LB A/A	MP												
11	COC		L	.5	QT/A	MP												
11	LIQUID N		L	1	QT/A	MP												
12	SELECT	2	EC	.047	LB A/A	1WK	100	90	0	100	100	80	100	0	100	100	100	70
12	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
12	COC		L	1	QT/A	1WK												
12	LIQUID N		L	1	QT/A	1WK												
12	PURSUIT	70	DF	.063	LB A/A	MP												
12	COBRA	2	EC	.125	LB A/A	MP												
12	SELECT	2	EC	.094	LB A/A	MP												
12	COC		L	.5	QT/A	MP												
12	LIQUID N		L	1	QT/A	MP												
13	SELECT	2	EC	.063	LB A/A	1WK	100	90	0	100	100	80	100	0	100	100	100	70
13	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
13	COC		L	1	QT/A	1WK												
13	LIQUID N		L	1	QT/A	1WK												
13	PURSUIT	70	DF	.063	LB A/A	MP												
13	COBRA	2	EC	.125	LB A/A	MP												
13	SELECT	2	EC	.094	LB A/A	MP												
13	COC		L	.5	QT/A	MP												
13	LIQUID N		L	1	QT/A	MP												

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL SOYBEAN EARLY PREPLANT

Trial ID: S6019 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
14	SELECT	2	EC	.078	LB A/A	1WK	100	90	0	100	100	87	97	0	100	97	100	80
14	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
14	COC		L	1	QT/A	1WK												
14	LIQUID N		L	1	QT/A	1WK												
14	PURSUIT	70	DF	.063	LB A/A	MP												
14	COBRA	2	EC	.125	LB A/A	MP												
14	SELECT	2	EC	.094	LB A/A	MP												
14	COC		L	.5	QT/A	MP												
14	LIQUID N		L	1	QT/A	MP												
15	SELECT	2	EC	.094	LB A/A	1WK	100	93	0	100	100	90	100	0	100	100	100	87
15	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
15	COC		L	1	QT/A	1WK												
15	LIQUID N		L	1	QT/A	1WK												
15	PURSUIT	70	DF	.063	LB A/A	MP												
15	COBRA	2	EC	.125	LB A/A	MP												
15	SELECT	2	EC	.094	LB A/A	MP												
15	COC		L	.5	QT/A	MP												
15	LIQUID N		L	1	QT/A	MP												
16	SELECT	2	EC	.047	LB A/A	1WK	100	90	0	100	100	83	97	0	100	97	100	80
16	PROWL	3.3	EC	1	LB A/A	1WK												
16	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
16	COC		L	1	QT/A	1WK												
16	LIQUID N		L	1	QT/A	1WK												
16	PURSUIT	70	DF	.063	LB A/A	MP												
16	COBRA	2	EC	.125	LB A/A	MP												
16	SELECT	2	EC	.094	LB A/A	MP												
16	COC		L	.5	QT/A	MP												
16	LIQUID N		L	1	QT/A	MP												
17	SELECT	2	EC	.063	LB A/A	1WK	100	87	0	100	100	87	93	0	100	90	100	80
17	PROWL	3.3	EC	1	LB A/A	1WK												
17	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
17	COC		L	1	QT/A	1WK												
17	LIQUID N		L	1	QT/A	1WK												
17	PURSUIT	70	DF	.063	LB A/A	MP												
17	COBRA	2	EC	.125	LB A/A	MP												
17	SELECT	2	EC	.094	LB A/A	MP												
17	COC		L	.5	QT/A	MP												
17	LIQUID N		L	1	QT/A	MP												

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN EARLY PREPLANT

Trial ID: S6019 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	PHBPU	XANST	GLYMA	SETFA	XANST	AMBEL	PHBPU
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
18	SELECT	2	EC	.063	LB A/A	1WK	100	87	0	100	100	73	100	0	100	100	100	67
18	COC		L	1	QT/A	1WK												
18	LIQUID N		L	1	QT/A	1WK												
18	PURSUIT	70	DF	.063	LB A/A	MP												
18	COBRA	2	EC	.125	LB A/A	MP												
18	SELECT	2	EC	.094	LB A/A	MP												
18	COC		L	.5	QT/A	MP												
18	LIQUID N		L	1	QT/A	MP												
19	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK	100	83	0	100	100	70	100	0	100	100	100	63
19	WEEDONE LV4	3.8	E	.5	LB A/A	1WK												
19	CHOICE		L	1	QT/A	1WK												
19	PURSUIT	70	DF	.063	LB A/A	MP												
19	COBRA	2	EC	.125	LB A/A	MP												
19	SELECT	2	EC	.094	LB A/A	MP												
19	COC		L	.5	QT/A	MP												
19	LIQUID N		L	1	QT/A	MP												
20	Weedy Check						0	0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						7.9	6.4	4.3	8.1	7.2	9.7	10.3	2.1	11.3	17.0	11.2	19.4
	Standard Deviation						4.8	3.9	2.6	4.9	4.4	5.9	6.2	1.3	6.9	10.3	6.8	11.8
	CV						5.4	4.66	309.84	5.51	4.77	7.22	7.17	774.6	7.95	12.42	7.6	15.47

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN EARLY PREPLANT

Trial ID: S6019 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMBEL 3.PHBPU
4.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** MINIMUM TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: MINIMUM TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-2-96	5-17-96	5-17-96	5-31-96		
Time of Day:	2 PM	10:30 AM	10:30 AM	3 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	2 WK	1 WK	PRE	MP		
Applic. Placement:	SURFACE	SURFACE	SURFACE	FOLIAR		
Air Temp., Unit:	68 F	70 F	70 F	76 F		
% Relative Humidity:	58	85	85	65		
Wind Velocity, Unit:	5 MPH	4 MPH	4 MPH	5 MPH		
Soil Temp., Unit:	58 F	65 F	65 F	73 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	15	10	10	15		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA				MP		
				1 TR		
				6 IN		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN EARLY PREPLANT

Trial ID: S6019 Investigator:
Location: SPINDLETOP,FARM Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA				4 LVS		
				4 IN		
AMBEL				4 LVS		
				4 IN		
PHBPU				3 LVS		
				4 IN		
XANST				5 LVS		
				4 IN		

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT	6.3 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL EARLY PREPLANT II

Trial ID: S6020 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	SQUADRON	2.33	EC	.87	LB A/A	1WK	93	90	0	93	90	90	0	93	90	87
1	PROWL	3.3	EC	.41	LB A/A	1WK										
1	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK										
2	SQUADRON	2.33	EC	.87	LB A/A	PRE	93	90	0	93	90	73	0	93	87	67
2	PROWL	3.3	EC	.41	LB A/A	PRE										
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
3	PROWL	3.3	EC	1.24	LB A/A	1WK	100	93	0	100	93	100	0	100	93	100
3	ROUNDUP ULTRA	4	AS	1	LB A/A	1WK										
3	PURSUIT	70	DF	.063	LB A/A	MP										
3	COC		L	1	QT/A	MP										
3	LIQUID N		L	1	QT/A	MP										
4	SENCOR	75	DF	.188	LB A/A	1WK	80	73	0	83	73	70	0	80	67	50
4	SELECT	2	EC	.047	LB A/A	1WK										
4	WEEDONE LV4	3.8	E	.5	LB A/A	1WK										
4	COC		L	1	QT/A	1WK										
4	LIQUID N		L	1	QT/A	1WK										
5	BANVEL	4	EC	.125	LB A/A	2WK	90	90	0	93	83	87	0	90	90	87
5	FRONTIER	6	E	1.25	LB A/A	2WK										
5	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
5	REFLEX	2	EC	.375	LB A/A	MP										
5	COC		L	.5	QT/A	MP										
5	LIQUID N		L	1	QT/A	MP										
6	BANVEL	4	EC	.25	LB A/A	2WK	90	90	0	90	90	93	0	83	87	93
6	FRONTIER	6	E	1.25	LB A/A	2WK										
6	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
6	REFLEX	2	EC	.375	LB A/A	MP										
6	COC		L	.5	QT/A	MP										
6	LIQUID N		L	1	QT/A	MP										
7	BANVEL	4	EC	.125	LB A/A	2WK	87	90	0	93	90	90	0	93	83	87
7	WEEDONE LV4	3.8	E	.25	LB A/A	2WK										
7	FRONTIER	6	E	1.25	LB A/A	2WK										
7	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
7	REFLEX	2	EC	.375	LB A/A	MP										
7	COC		L	.5	QT/A	MP										
7	LIQUID N		L	1	QT/A	MP										

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL EARLY PREPLANT II

Trial ID: S6020 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
8	WEEDONE LV4	3.8	E	.25	LB A/A	2WK	93	90	0	97	90	90	0	93	83	83
8	FRONTIER	6	E	1.25	LB A/A	2WK										
8	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
8	REFLEX	2	EC	.375	LB A/A	MP										
8	COC		L	.5	QT/A	MP										
8	LIQUID N		L	1	QT/A	MP										
9	FRONTIER	6	E	1.25	LB A/A	2WK	90	90	0	90	90	100	0	90	90	100
9	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
9	REFLEX	2	EC	.375	LB A/A	MP										
9	COC		L	.5	QT/A	MP										
9	LIQUID N		L	1	QT/A	MP										
10	SAN 1412H	6	EC	1.5	LB A/A	2WK	90	90	10	90	90	90	10	80	80	83
10	ROUNDUP ULTRA	4	AS	.5	LB A/A	2WK										
10	REFLEX	2	EC	.375	LB A/A	MP										
10	COC		L	.5	QT/A	MP										
10	LIQUID N		L	1	QT/A	MP										
11	FRONTIER	6	E	1.4	LB A/A	2WK	90	80	0	90	87	80	0	80	83	73
11	CANOPY	75	DF	.375	LB A/A	2WK										
11	ROUNDUP	4	AS	1	LB A/A	2WK										
12	FRONTIER	6	E	1.4	LB A/A	PRE	90	90	0	90	90	80	0	83	87	70
12	CANOPY	75	DF	.24	LB A/A	PRE										
12	ROUNDUP	4	AS	1	LB A/A	PRE										
13	MICRO-TECH	4	SL	2.5	LB A/A	2WK	90	90	0	90	90	83	0	77	87	80
13	CANOPY	75	DF	.375	LB A/A	2WK										
13	ROUNDUP ULTRA	4	AS	1	LB A/A	2WK										
14	MICRO-TECH	4	SL	2.5	LB A/A	PRE	80	80	0	80	90	73	0	57	87	60
14	CANOPY	75	DF	.24	LB A/A	PRE										
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										
15	CANOPY	75	DF	.375	LB A/A	2WK	73	83	0	90	90	87	0	90	87	83
15	WEEDONE LV4	3.8	E	.75	LB A/A	2WK										
15	ASSURE II	0.8	EC	.055	LB A/A	MP										
15	COC		L	1	QT/A	MP										

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL EARLY PREPLANT II

Trial ID: S6020 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
16	TOUCHDOWN	6	EC	.5	LB A/A	1WK	97	87	0	97	90	87	0	97	87	87
16	WEEDONE LV4	3.8	E	.47	LB A/A	1WK										
16	ACTIVATOR 90			.5	% V/V	1WK										
16	CHOICE		L	1	QT/A	1WK										
16	TWISTER	1.82	CS	.5127	LB A/A	MP										
16	REFLEX	2	EC	.0625	LB A/A	MP										
16	SUNIT		L	.5	QT/A	MP										
16	LIQUID N		L	2.5	QT/A	MP										
17	TOUCHDOWN	6	EC	1	LB A/A	1WK	90	83	0	90	90	83	0	87	83	80
17	WEEDONE LV4	3.8	E	.47	LB A/A	1WK										
17	ACTIVATOR 90			.5	% V/V	1WK										
17	CHOICE		L	1	QT/A	1WK										
17	TWISTER	1.82	CS	.5127	LB A/A	MP										
17	REFLEX	2	EC	.0625	LB A/A	MP										
17	SUNIT		L	.5	QT/A	MP										
17	LIQUID N		L	2.5	QT/A	MP										
18	GRAMOXONE EXTRA	2.5	AS	.7813	LB A/A	1WK	100	90	0	100	90	93	0	100	83	93
18	WEEDONE LV4	3.8	E	.47	LB A/A	1WK										
18	COC		L	1	QT/A	1WK										
18	TWISTER	1.82	CS	.5127	LB A/A	MP										
18	REFLEX	2	EC	.0625	LB A/A	MP										
18	SUNIT		L	.5	QT/A	MP										
18	LIQUID N		L	2.5	QT/A	MP										
19	GRAMOXONE EXTRA	2.5	AS	.7813	LB A/A	1WK	93	90	0	93	90	90	0	93	90	87
19	SENCOR	75	DF	.094	LB A/A	1WK										
19	COC		L	1	QT/A	1WK										
19	TWISTER	1.82	CS	.5127	LB A/A	MP										
19	REFLEX	2	EC	.0625	LB A/A	MP										
19	SUNIT		L	.5	QT/A	MP										
19	LIQUID N		L	2.5	QT/A	MP										
20	GRAMOXONE EXTRA	2.5	AS	.7813	LB A/A	1WK	97	97	0	97	97	100	0	97	97	100
20	CANOPY	75	DF	.094	LB A/A	1WK										
20	COC		L	1	QT/A	1WK										
20	TWISTER	1.82	CS	.5127	LB A/A	MP										
20	REFLEX	2	EC	.0625	LB A/A	MP										
20	SUNIT		L	.5	QT/A	MP										
20	LIQUID N		L	2.5	QT/A	MP										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL EARLY PREPLANT II

Trial ID: S6020 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
Weed Code							GGGG	BBBB	GLYMA	SETFA	IPOLA	XANST	GLYMA	SETFA	IPOLA	XANST
Crop Code																
Part Rated																
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date																
Footnote Number																
Trt-Eval Interval							4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0	0	0
LSD (P=.05)							11.1	7.3	0.0	6.5	6.0	7.2	0.0	9.9	9.6	12.9
Standard Deviation							6.7	4.4	0.0	3.9	3.7	4.4	0.0	6.0	5.8	7.8
CV							7.47	5.05	0.0	4.28	4.11	5.04	0.0	6.85	6.77	9.47

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL EARLY PREPLANT II

Trial ID: S6020 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.IPOLA 3.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** MINIMUM TILL
Soil Temperature: 65 G **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: MINIMUM TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-2-96	5-17-96	5-17-96	5-31-96		
Time of Day:	2 PM	10:30 AM	10:30 AM	3 PM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	2 WK	1 WK	1 WK	MP		
Applic. Placement:	SURFACE	SURFACE	SURFACE	FOLIAR		
Air Temp., Unit:	68 F	70 F	70 F	76 G		
% Relative Humidity:	58	85	85	65		
Wind Velocity, Unit:	5 MPH	4 MPH	4 MPH	5 MPH		
Soil Temp., Unit:	58 F	65 F	65 F	73 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	15	10	10	15		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA				MP		
				1 TR		
				6 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA				4 LVS		
				4 IN		
IPOLA				3 LVS		
				4 IN		
XANST				5 LVS		
				4IN		

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL EARLY PREPLANT II

Trial ID: S6020 Investigator:
Location: SPINDLETOP FARM Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT	6.3 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL SOYBEAN FULL SEASON

Trial ID: S6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	AMBTR	POLPY	GLYMA	SETFA	AMBEL	AMBTR	POLPY
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	AMBTR	POLPY	GLYMA	SETFA	AMBEL	AMBTR	POLPY
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
1	V 53482	50	WP	.063	LB A/A	PRE	87	93	0	87	100	93	100	0	65	100	85	100
1	LEXONE	4	F	.25	LB A/A	PRE												
1	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
2	V 53482	50	WP	.063	LB A/A	PRE	75	85	0	73	98	90	100	0	60	98	87	100
2	LEXONE	4	F	.375	LB A/A	PRE												
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
3	V 53482	50	WP	.094	LB A/A	PRE	83	87	0	83	98	90	100	0	67	98	87	100
3	LEXONE	4	F	.25	LB A/A	PRE												
3	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
4	V 53482	50	WP	.094	LB A/A	PRE	87	87	0	87	100	85	100	0	70	100	85	100
4	LEXONE	4	F	.375	LB A/A	PRE												
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
5	V 53482	50	WP	.063	LB A/A	PRE	85	92	0	87	100	92	100	0	82	100	92	100
5	CLASSIC	25	DF	.016	LB A/A	PRE												
5	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
6	V 53482	50	WP	.063	LB A/A	PRE	87	92	0	87	97	98	100	0	83	97	95	100
6	CLASSIC	25	DF	.031	LB A/A	PRE												
6	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
7	V 53482	50	WP	.094	LB A/A	PRE	88	97	0	88	98	98	100	0	83	98	98	100
7	CLASSIC	25	DF	.016	LB A/A	PRE												
7	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
8	V 53482	50	WP	.094	LB A/A	PRE	97	97	0	97	100	98	100	0	95	100	98	100
8	CLASSIC	25	DF	.031	LB A/A	PRE												
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
9	V 53482	50	WP	.063	LB A/A	PRE	93	92	0	93	100	93	100	0	90	100	88	100
9	SCEPTER	70	WG	.125	LB A/A	PRE												
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
10	V 53482	50	WP	.094	LB A/A	PRE	93	92	0	93	98	95	100	0	87	98	98	100
10	SCEPTER	70	WG	.125	LB A/A	PRE												
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
11	V 53482	50	WP	.063	LB A/A	PRE	78	88	0	78	97	90	100	0	77	97	90	100
11	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												

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NO-TILL SOYBEAN FULL SEASON

Trial ID: S6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	AMBTR	POLPY	GLYMA	SETFA	AMBEL	AMBTR	POLPY
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	AMBTR	POLPY	GLYMA	SETFA	AMBEL	AMBTR	POLPY
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
12	V 53482	50	WP	.094	LB A/A	PRE	85	93	0	85	97	100	97	0	53	97	100	100
12	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
13	V 53482	50	WP	.016	LB A/A	PRE	88	97	0	88	100	97	100	0	80	100	97	100
13	CLASSIC	25	DF	.031	LB A/A	PRE												
13	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
14	V 53482	50	WP	.031	LB A/A	PRE	93	97	0	93	100	98	100	0	90	100	98	100
14	CLASSIC	25	DF	.031	LB A/A	PRE												
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
15	CANOPY	75	DF	.28	LB A/A	PRE	88	95	0	92	100	98	100	0	87	100	98	100
15	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
16	CANOPY	75	DF	.375	LB A/A	PRE	92	97	0	92	98	100	100	0	92	98	100	100
16	ROUNDUP ULTRA	4	AS		LB A/A	PRE												
17	CANOPY	75	DF	.28	LB A/A	PRE	77	85	0	77	95	92	100	0	73	95	92	100
17	ASSURE II	0.8	EC	.03	LB A/A	PRE												
17	COC		L	1	QT/A	PRE												
17	LIQUID N		L	2	QT/A	PRE												
18	CANOPY	75	DF	.28	LB A/A	PRE	88	90	7	88	97	95	100	0	83	97	95	100
18	ASSURE II	0.8	EC	.03	LB A/A	PRE												
18	COC		L	1	QT/A	PRE												
18	LIQUID N		L	2	QT/A	PRE												
18	CLASSIC	25	DF	.008	LB A/A	MP												
18	COC		L	1	QT/A	MP												
19	CANOPY	75	DF	.188	LB A/A	PRE	82	90	7	82	90	98	100	0	90	93	98	100
19	COC		L	1	QT/A	PRE												
19	LIQUID N		L	1	QT/A	PRE												
19	CLASSIC	25	DF	.008	LB A/A	MP												
19	ASSURE II	0.8	EC	.055	LB A/A	MP												
19	COC		L	1	QT/A	MP												
20	SQUADRON	2.33	EC	.87	LB A/A	PRE	93	92	0	93	98	93	100	0	92	98	95	100
20	PROWL	3.3	EC	.41	LB A/A	PRE												
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												

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NO-TILL SOYBEAN FULL SEASON

Trial ID: S6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBEL	AMBTR	POLPY	GLYMA	SETFA	AMBEL	AMBTR	POLPY
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBEL	AMBTR	POLPY	GLYMA	SETFA	AMBEL	AMBTR	POLPY
	Crop Code																	
	Part Rated																	
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date																	
	Footnote Number																	
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0	0
21	DETAIL	4.1	EC	1.03	LB A/A	PRE	97	92	0	97	100	97	100	0	100	100	95	100
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE												
21	PRESTIGE	1	E	.188	LB A/A	MP												
21	COC		L	1	QT/A	MP												
22	Weedy Check						0	0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						7.7	7.2	2.8	7.4	4.7	7.0	2.0	0.0	16.4	4.6	10.6	0.0
	Standard Deviation						4.7	4.3	1.7	4.5	2.8	4.2	1.2	0.0	9.9	2.8	6.4	0.0
	CV						5.58	4.96	280.31	5.35	3.01	4.67	1.29	.	12.86	2.97	7.16	0.0

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NO-TILL SOYBEAN FULL SEASON

Trial ID: S6021 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMBEL 3.AMBTR
4.POLPY

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** NO-TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-17-96	6-14-96				
Time of Day:	11 AM	10 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	68 F	65 F				
% Relative Humidity:	87	85				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	65 F	66 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	15				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP				
		1 TR				
		6 IN				

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NO-TILL SOYBEAN FULL SEASON

Trial ID: S6021 Investigator:
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WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
AMBEL		4 LVS				
		3 IN				
AMBTR		4-6 LVS				
		2-4 IN				
POLPY		5 LVS				
		4 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	6.3 FT	6.3 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
1	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	73	80	0	70	97	93	13	100	87
1	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
2	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	83	93	13	90	100	100	100	70	100
2	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
2	FIRSTRATE	84	W	.016	LB A/A	MP									
2	COC		L	1.2	QT/A	MP									
3	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	90	90	10	97	100	100	100	77	100
3	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
3	FIRSTRATE	84	W	.016	LB A/A	MP									
3	FLUMETSULAM	80	WG	.006	LB A/A	MP									
3	COC		L	1.2	QT/A	MP									
4	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	90	90	3	93	90	100	100	70	100
4	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
4	REFLEX	2	EC	.375	LB A/A	MP									
4	COC		L	1	QT/A	MP									
5	DUAL II	7.8	EC	2	LB A/A	PRE	70	90	0	63	100	100	100	97	93
5	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
5	FIRSTRATE	84	W	.016	LB A/A	MP									
5	COC		L	1.2	QT/A	MP									
6	DUAL II	7.8	EC	2	LB A/A	PRE	70	93	0	73	100	100	100	80	100
6	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
6	FIRSTRATE	84	W	.016	LB A/A	MP									
6	FLUMETSULAM	80	WG	.006	LB A/A	MP									
6	COC		L	1.2	QT/A	MP									
7	DUAL II	7.8	EC	2	LB A/A	PRE	90	87	3	90	97	100	100	80	97
7	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE									
7	REFLEX	2	EC	.375	LB A/A	MP									
7	COC		L	1	QT/A	MP									
8	SENCOR	75	DF	.188	LB A/A	PRE	37	43	0	47	37	80	23	87	57
8	GRAMOXONE EXTRA	2.5	AS	.47	LB A/A	PRE									
8	ACTIVATOR 90			.25	% V/V	PRE									
9	SENCOR	75	DF	.188	LB A/A	PRE	43	43	0	60	57	93	50	93	73
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE									

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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
10	SENCOR	75	DF	.188	LB A/A	PRE	33	53	0	33	57	87	10	97	50
10	TOUCHDOWN	6	EC	1	LB A/A	PRE									
10	ACTIVATOR 90			.5	% V/V	PRE									
11	TOUCHDOWN	6	EC	1	LB A/A	PRE	33	63	47	47	97	100	100	27	97
11	ACTIVATOR 90			.5	% V/V	PRE									
11	CHOICE		L	1	QT/A	PRE									
11	TWISTER	1.82	CS	.5127	LB A/A	MP									
11	REFLEX	2	EC	.063	LB A/A	MP									
11	MSO		L	.5	QT/A	MP									
11	LIQUID N		L	2.5	QT/A	MP									
12	GRAMOXONE EXTRA	2.5	AS	.78	LB A/A	PRE	40	73	40	53	100	100	100	63	100
12	COC		L	1	QT/A	PRE									
12	TWISTER	1.82	CS	.5127	LB A/A	MP									
12	REFLEX	2	EC	.063	LB A/A	MP									
12	MSO		L	.5	QT/A	MP									
12	LIQUID N		L	2.5	QT/A	MP									
13	GRAMOXONE EXTRA	2.5	AS	.78	LB A/A	PRE	70	83	17	70	100	100	100	37	100
13	CANOPY	75	DF	.094	LB A/A	PRE									
13	COC		L	1	QT/A	PRE									
13	TWISTER	1.82	CS	.5127	LB A/A	MP									
13	REFLEX	2	EC	.063	LB A/A	MP									
13	MSO		L	.5	QT/A	MP									
13	LIQUID N		L	2.5	QT/A	MP									
14	TOUCHDOWN	6	EC	1	LB A/A	PRE	70	90	10	77	100	100	100	47	100
14	CANOPY	75	DF	.094	LB A/A	PRE									
14	ACTIVATOR 90			.5	% V/V	PRE									
14	TWISTER	1.82	CS	.5127	LB A/A	MP									
14	REFLEX	2	EC	.063	LB A/A	MP									
14	MSO		L	.5	QT/A	MP									
14	LIQUID N		L	2.5	QT/A	MP									
15	TOUCHDOWN	6	EC	1	LB A/A	PRE	57	90	30	67	100	100	100	47	90
15	ACTIVATOR 90			.5	% V/V	PRE									
15	CHOICE		L	1	QT/A	PRE									
15	TWISTER	1.8	ME	.5127	LB A/A	MP									
15	REFLEX	2	EC	.063	LB A/A	MP									
15	MSO		L	.5	QT/A	MP									
15	LIQUID N		L	2.5	QT/A	MP									

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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
16	PROWL	3.3	EC	1.24	LB A/A	PRE	97	87	0	100	67	100	100	97	100
16	ROUNDUP ULTRA	4	AS	1	QT/A	PRE									
16	PURSUIT	70	DF	.063	LB A/A	MP									
16	SUNIT		L	.75	QT/A	MP									
16	LIQUID N		L	1	QT/A	MP									
17	PROWL	3.3	EC	1.24	LB A/A	PRE	87	90	17	97	100	100	100	97	100
17	ROUNDUP ULTRA	4	AS	1	QT/A	PRE									
17	PURSUIT	70	DF	.063	LB A/A	MP									
17	STATUS	2	EC	.156	LB A/A	MP									
17	SUNIT		L	.75	QT/A	MP									
17	LIQUID N		L	1	QT/A	MP									
18	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	10	100	90	100	100	90	100
18	ROUNDUP ULTRA	4	AS	1	QT/A	PRE									
18	RAPTOR	1	E	.04	LB A/A	MP									
18	SUNIT		L	.75	QT/A	MP									
18	LIQUID N		L	1	QT/A	MP									
19	PROWL	3.3	EC	1.24	LB A/A	PRE	90	90	13	100	90	100	100	90	100
19	ROUNDUP ULTRA	4	AS	1	QT/A	PRE									
19	RAPTOR	1	E	.04	LB A/A	MP									
19	STATUS	2	EC	.156	LB A/A	MP									
19	SUNIT		L	.75	QT/A	MP									
19	LIQUID N		L	1	QT/A	MP									
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	87	90	7	100	97	100	100	83	100
20	RAPTOR	1	E	.04	LB A/A	MP									
20	SUNIT		L	.75	QT/A	MP									
20	LIQUID N		L	1	QT/A	MP									
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	60	90	33	97	97	97	100	50	100
21	RAPTOR	1	E	.04	LB A/A	MP									
21	STATUS	2	EC	.156	LB A/A	MP									
21	SUNIT		L	.75	QT/A	MP									
21	LIQUID N		L	1	QT/A	MP									

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028
Location: LEXINGTON, KY.

Investigator:
Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMBTR	AMBEL	AMPAL	IPOHE	SIDSP
	Crop Code														
	Part Rated														
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date														
	Footnote Number														
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0
22	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	87	90	30	100	97	100	100	50	100
22	RAPTOR	1	E	.04	LB A/A	MP									
22	STATUS	2	EC	.156	LB A/A	MP									
22	PRESTIGE	1	E	.156	LB A/A	MP									
22	SUNIT		L	.75	QT/A	MP									
22	LIQUID N		L	1	QT/A	MP									
	LSD (P=.05)						24.8	18.4	16.3	24.8	17.3	7.7	16.4	39.5	8.0
	Standard Deviation						15.0	11.1	9.9	15.0	10.5	4.7	9.9	24.0	4.8
	CV						21.23	13.69	76.6	19.21	11.7	4.79	11.53	32.4	5.22

Dept. of Agronomy, Univ. of KY
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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	AMBEL	IPOHE	SIDSP
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	63	93	100	63	100
1	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
2	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	77	100	100	83	100
2	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
2	FIRSTRATE	84	W	.016	LB A/A	MP						
2	COC		L	1.2	QT/A	MP						
3	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	83	100	100	97	100
3	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
3	FIRSTRATE	84	W	.016	LB A/A	MP						
3	FLUMETSULAM	80	WG	.006	LB A/A	MP						
3	COC		L	1.2	QT/A	MP						
4	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	0	90	93	100	77	100
4	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
4	REFLEX	2	EC	.375	LB A/A	MP						
4	COC		L	1	QT/A	MP						
5	DUAL II	7.8	EC	2	LB A/A	PRE	0	30	100	100	97	100
5	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
5	FIRSTRATE	84	W	.016	LB A/A	MP						
5	COC		L	1.2	QT/A	MP						
6	DUAL II	7.8	EC	2	LB A/A	PRE	0	37	100	100	87	100
6	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
6	FIRSTRATE	84	W	.016	LB A/A	MP						
6	FLUMETSULAM	80	WG	.006	LB A/A	MP						
6	COC		L	1.2	QT/A	MP						
7	DUAL II	7.8	EC	2	LB A/A	PRE	0	70	97	100	80	100
7	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE						
7	REFLEX	2	EC	.375	LB A/A	MP						
7	COC		L	1	QT/A	MP						
8	SENCOR	75	DF	.188	LB A/A	PRE	0	17	30	53	13	87
8	GRAMOXONE EXTRA	2.5	AS	.47	LB A/A	PRE						
8	ACTIVATOR 90			.25	% V/V	PRE						
9	SENCOR	75	DF	.188	LB A/A	PRE	0	50	37	93	37	100
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE						

Dept. of Agronomy, Univ. of KY
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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	AMBEL	IPOHE	SIDSP
	Weed Code						GLYMA	SETFA	AMBTR	AMBEL	IPOHE	SIDSP
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
10	SENCOR	75	DF	.188	LB A/A	PRE	0	10	50	77	40	97
10	TOUCHDOWN	6	EC	1	LB A/A	PRE						
10	ACTIVATOR 90			.5	% V/V	PRE						
11	TOUCHDOWN	6	EC	1	LB A/A	PRE	0	23	97	100	67	100
11	ACTIVATOR 90			.5	% V/V	PRE						
11	CHOICE		L	1	QT/A	PRE						
11	TWISTER	1.82	CS	.5127	LB A/A	MP						
11	REFLEX	2	EC	.063	LB A/A	MP						
11	MSO		L	.5	QT/A	MP						
11	LIQUID N		L	2.5	QT/A	MP						
12	GRAMOXONE EXTRA	2.5	AS	.78	LB A/A	PRE	0	40	100	100	90	100
12	COC		L	1	QT/A	PRE						
12	TWISTER	1.82	CS	.5127	LB A/A	MP						
12	REFLEX	2	EC	.063	LB A/A	MP						
12	MSO		L	.5	QT/A	MP						
12	LIQUID N		L	2.5	QT/A	MP						
13	GRAMOXONE EXTRA	2.5	AS	.78	LB A/A	PRE	0	43	100	100	57	100
13	CANOPY	75	DF	.094	LB A/A	PRE						
13	COC		L	1	QT/A	PRE						
13	TWISTER	1.82	CS	.5127	LB A/A	MP						
13	REFLEX	2	EC	.063	LB A/A	MP						
13	MSO		L	.5	QT/A	MP						
13	LIQUID N		L	2.5	QT/A	MP						
14	TOUCHDOWN	6	EC	1	LB A/A	PRE	0	57	100	100	60	100
14	CANOPY	75	DF	.094	LB A/A	PRE						
14	ACTIVATOR 90			.5	% V/V	PRE						
14	TWISTER	1.82	CS	.5127	LB A/A	MP						
14	REFLEX	2	EC	.063	LB A/A	MP						
14	MSO		L	.5	QT/A	MP						
14	LIQUID N		L	2.5	QT/A	MP						
15	TOUCHDOWN	6	EC	1	LB A/A	PRE	0	63	97	100	77	100
15	ACTIVATOR 90			.5	% V/V	PRE						
15	CHOICE		L	1	QT/A	PRE						
15	TWISTER	1.8	ME	.5127	LB A/A	MP						
15	REFLEX	2	EC	.063	LB A/A	MP						
15	MSO		L	.5	QT/A	MP						
15	LIQUID N		L	2.5	QT/A	MP						

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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	AMBEL	IPOHE	SIDSP
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
16	PROWL	3.3	EC	1.24	LB A/A	PRE	0	100	63	100	90	100
16	ROUNDUP ULTRA	4	AS	1	QT/A	PRE						
16	PURSUIT	70	DF	.063	LB A/A	MP						
16	SUNIT		L	.75	QT/A	MP						
16	LIQUID N		L	1	QT/A	MP						
17	PROWL	3.3	EC	1.24	LB A/A	PRE	0	100	93	100	97	100
17	ROUNDUP ULTRA	4	AS	1	QT/A	PRE						
17	PURSUIT	70	DF	.063	LB A/A	MP						
17	STATUS	2	EC	.156	LB A/A	MP						
17	SUNIT		L	.75	QT/A	MP						
17	LIQUID N		L	1	QT/A	MP						
18	PROWL	3.3	EC	1.24	LB A/A	PRE	0	100	93	100	97	100
18	ROUNDUP ULTRA	4	AS	1	QT/A	PRE						
18	RAPTOR	1	E	.04	LB A/A	MP						
18	SUNIT		L	.75	QT/A	MP						
18	LIQUID N		L	1	QT/A	MP						
19	PROWL	3.3	EC	1.24	LB A/A	PRE	0	97	90	100	97	100
19	ROUNDUP ULTRA	4	AS	1	QT/A	PRE						
19	RAPTOR	1	E	.04	LB A/A	MP						
19	STATUS	2	EC	.156	LB A/A	MP						
19	SUNIT		L	.75	QT/A	MP						
19	LIQUID N		L	1	QT/A	MP						
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	0	100	93	100	100	100
20	RAPTOR	1	E	.04	LB A/A	MP						
20	SUNIT		L	.75	QT/A	MP						
20	LIQUID N		L	1	QT/A	MP						
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	0	100	97	100	100	100
21	RAPTOR	1	E	.04	LB A/A	MP						
21	STATUS	2	EC	.156	LB A/A	MP						
21	SUNIT		L	.75	QT/A	MP						
21	LIQUID N		L	1	QT/A	MP						
22	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	0	97	93	100	80	100
22	RAPTOR	1	E	.04	LB A/A	MP						
22	STATUS	2	EC	.156	LB A/A	MP						
22	PRESTIGE	1	E	.156	LB A/A	MP						
22	SUNIT		L	.75	QT/A	MP						
22	LIQUID N		L	1	QT/A	MP						

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NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	AMBTR	AMBEL	IPOHE	SIDSP
	Weed Code						GLYMA	SETFA	AMBTR	AMBEL	IPOHE	SIDSP
	Crop Code											
	Part Rated											
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
	LSD (P=.05)						0.0	22.2	17.7	20.1	37.9	8.4
	Standard Deviation						0.0	13.5	10.7	12.2	23.0	5.1
	CV						.	20.47	12.29	12.6	30.04	5.14

NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMBTR 3.AMBEL
4.IPOHE 5.SIDSP

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** NO-TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-17-96	6-14-96				
Time of Day:	10:30 AM	11:30 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	68 F	65 F				
% Relative Humidity:	87	85				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	63 F	66 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	15				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP				
		1 TR				
		6 IN				

NO-TILL SOYBEAN FULL SEASON II

Trial ID: S6028 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
AMBTR		4-6 LVS				
		2-4 IN				
AMBEL		5 LVS				
		3 IN				
IPOHE		3 LVS				
		4 IN				
SIDSP		4 LVS				
		3 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	6.3 FT	6.3 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

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MINIMUM TILL SOYBEAN FULL SEASON

Trial ID: S6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	AMBEL	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	AMBEL	AMBTR
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	V 53482	50	WP	.063	LB A/A	PRE	67	83	0	67	97	93	100
1	LEXONE	4	F	.25	LB A/A	PRE							
1	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
2	V 53482	50	WP	.063	LB A/A	PRE	77	90	0	77	100	100	100
2	LEXONE	4	F	.375	LB A/A	PRE							
2	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
3	V 53482	50	WP	.094	LB A/A	PRE	67	80	0	67	97	100	100
3	LEXONE	4	F	.25	LB A/A	PRE							
3	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
4	V 53482	50	WP	.094	LB A/A	PRE	73	80	0	77	100	100	100
4	LEXONE	4	F	.375	LB A/A	PRE							
4	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
5	V 53482	50	WP	.063	LB A/A	PRE	80	87	0	80	100	97	100
5	CLASSIC	25	DF	.016	LB A/A	PRE							
5	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
6	V 53482	50	WP	.063	LB A/A	PRE	77	87	1	73	100	97	100
6	CLASSIC	25	DF	.031	LB A/A	PRE							
6	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
7	V 53482	50	WP	.094	LB A/A	PRE	77	77	1	77	97	100	100
7	CLASSIC	25	DF	.016	LB A/A	PRE							
7	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
8	V 53482	50	WP	.094	LB A/A	PRE	77	87	1	83	100	100	100
8	CLASSIC	25	DF	.031	LB A/A	PRE							
8	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
9	V 53482	50	WP	.063	LB A/A	PRE	87	90	0	87	97	100	100
9	SCEPTER	70	WG	.125	LB A/A	PRE							
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
10	V 53482	50	WP	.094	LB A/A	PRE	80	83	0	87	100	97	100
10	SCEPTER	70	WG	.125	LB A/A	PRE							
10	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
11	V 53482	50	WP	.063	LB A/A	PRE	70	87	0	73	97	97	100
11	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							

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MINIMUM TILL SOYBEAN FULL SEASON

Trial ID: S6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	AMBEL	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	AMBEL	AMBTR
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
12	V 53482	50	WP	.094	LB A/A	PRE	73	87	0	80	100	93	100
12	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
13	V 53482	50	WP	.016	LB A/A	PRE	77	87	0	80	97	100	100
13	CLASSIC	25	DF	.031	LB A/A	PRE							
13	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
14	V 53482	50	WP	.031	LB A/A	PRE	73	83	0	73	100	100	100
14	CLASSIC	25	DF	.031	LB A/A	PRE							
14	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
15	CANOPY	75	DF	.28	LB A/A	PRE	80	87	0	80	97	97	100
15	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
16	CANOPY	75	DF	.375	LB A/A	PRE	77	87	1	77	97	100	100
16	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
17	CANOPY	75	DF	.28	LB A/A	PRE	80	87	0	80	93	100	100
17	ASSURE II	0.8	EC	.03	LB A/A	PRE							
17	COC		L	1	QT/A	PRE							
17	LIQUID N		L	2	QT/A	PRE							
18	CANOPY	75	DF	.28	LB A/A	PRE	73	80	2	73	100	100	100
18	ASSURE II	0.8	EC	.03	LB A/A	PRE							
18	COC		L	1	QT/A	PRE							
18	LIQUID N		L	2	QT/A	PRE							
18	CLASSIC	25	DF	.008	LB A/A	MP							
18	COC		L	1	QT/A	MP							
19	CANOPY	75	DF	.188	LB A/A	PRE	97	90	1	93	100	97	100
19	COC		L	1	QT/A	PRE							
19	LIQUID N		L	1	QT/A	PRE							
19	CLASSIC	25	DF	.008	LB A/A	MP							
19	ASSURE II	0.8	EC	.055	LB A/A	MP							
19	COC		L	1	QT/A	MP							
20	SQUADRON	2.33	EC	.87	LB A/A	PRE	87	83	0	90	97	97	100
20	PROWL	3.3	EC	.41	LB A/A	PRE							
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							

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MINIMUM TILL SOYBEAN FULL SEASON

Trial ID: S6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	AMACH	AMBEL	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETFA	AMACH	AMBEL	AMBTR
	Crop Code												
	Part Rated						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Data Type						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Unit												
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
21	DETAIL	4.1	EC	1.03	LB A/A	PRE	67	87	1	93	100	97	100
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE							
21	PRESTIGE	1	E	.188	LB A/A	MP							
21	COC		L	1	QT/A	MP							
22	Weedy Check						0	0	0	0	0	0	0
	LSD (P=.05)						23.9	9.5	0.8	16.5	6.6	6.7	0.0
	Standard Deviation						14.5	5.7	0.5	10.0	4.0	4.1	0.0
	CV						19.77	7.06	110.71	13.2	4.24	4.34	0.0

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN FULL SEASON

Trial ID: S6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA **2.**AMACH **3.**AMBEL
4.AMBTR **5.**IPOHE **6.**POLPY

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** MINIMUM TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: MINIMUM TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-17-96	6-14-96				
Time of Day:	10 AM	11 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	68 F	65 F				
% Relative Humidity:	87	85				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	63 F	66 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	15				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP				
		1 TR				
		6 IN				

MINIMUM TILL SOYBEAN FULL SEASON

Trial ID: S6022 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS 4 IN				
AMACH		4-6 LVS 2-3 IN				
AMBEL		4-5 LVS 2-3 IN				
AMBTR		4-6 LVS 2-4 IN				
IPOHE		3 LVS 4 IN				
POLPY		4 LVS 3 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	6.3 FT	6.3 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

Dept. of Agronomy, Univ. of KY
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MINIMUM TILL SOYBEAN FULL SEASON II

Trial ID: S6029 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	97	77	0	97	73	87	0	93	67	73
1	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
2	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	97	87	3	97	90	90	0	90	87	93
2	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
2	FIRSTRATE	84	W	.016	LB A/A	MP										
2	COC		L	1.2	QT/A	MP										
3	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	93	87	3	93	83	90	0	93	87	93
3	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
3	FIRSTRATE	84	W	.016	LB A/A	MP										
3	FLUMETSULAM	80	WG	.006	LB A/A	MP										
3	COC		L	1.2	QT/A	MP										
4	BROADSTRIKE + DUAL S	7.75	SC	2.12	LB A/A	PRE	100	90	10	100	83	100	0	97	83	100
4	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
4	REFLEX	2	EC	.375	LB A/A	MP										
4	COC		L	1	QT/A	MP										
5	DUAL II	7.8	EC	2	LB A/A	PRE	90	83	0	90	80	87	0	87	83	97
5	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
5	FIRSTRATE	84	W	.016	LB A/A	MP										
5	COC		L	1.2	QT/A	MP										
6	DUAL II	7.8	EC	2	LB A/A	PRE	97	80	0	97	83	87	0	90	90	97
6	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
6	FIRSTRATE	84	W	.016	LB A/A	MP										
6	FLUMETSULAM	80	WG	.006	LB A/A	MP										
6	COC		L	1.2	QT/A	MP										
7	DUAL II	7.8	EC	2	LB A/A	PRE	97	90	10	97	87	97	0	90	87	97
7	ROUNDUP ULTRA	4	AS	1.5	LB A/A	PRE										
7	REFLEX	2	EC	.375	LB A/A	MP										
7	COC		L	1	QT/A	MP										
8	SENCOR	75	DF	.188	LB A/A	PRE	47	37	0	47	37	43	0	43	37	23
8	GRAMOXONE EXTRA	2.5	AS	.47	LB A/A	PRE										
8	ACTIVATOR 90			.25	% V/V	PRE										
9	SENCOR	75	DF	.188	LB A/A	PRE	50	37	0	50	40	37	0	47	37	20
9	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE										

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MINIMUM TILL SOYBEAN FULL SEASON II

Trial ID: S6029 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
10	SENCOR	75	DF	.188	LB A/A	PRE	50	47	0	50	40	57	0	47	40	40
10	TOUCHDOWN	6	EC	1	LB A/A	PRE										
10	ACTIVATOR 90			.5	% V/V	PRE										
11	TOUCHDOWN	6	EC	1	LB A/A	PRE	77	90	13	77	90	100	0	47	87	100
11	ACTIVATOR 90			.5	% V/V	PRE										
11	CHOICE		L	1	QT/A	PRE										
11	TWISTER	1.82	CS	.5127	LB A/A	MP										
11	REFLEX	2	EC	.063	LB A/A	MP										
11	MSO		L	.5	QT/A	MP										
11	LIQUID N		L	2.5	QT/A	MP										
12	GRAMOXONE EXTRA	2.5	AS	.78	LB A/A	PRE	80	90	17	80	90	97	0	50	83	93
12	COC		L	1	QT/A	PRE										
12	TWISTER	1.82	CS	.5127	LB A/A	MP										
12	REFLEX	2	EC	.063	LB A/A	MP										
12	MSO		L	.5	QT/A	MP										
12	LIQUID N		L	2.5	QT/A	MP										
13	GRAMOXONE EXTRA	2.5	AS	.78	LB A/A	PRE	87	87	7	87	83	100	0	80	80	100
13	CANOPY	75	DF	.094	LB A/A	PRE										
13	COC		L	1	QT/A	PRE										
13	TWISTER	1.82	CS	.5127	LB A/A	MP										
13	REFLEX	2	EC	.063	LB A/A	MP										
13	MSO		L	.5	QT/A	MP										
13	LIQUID N		L	2.5	QT/A	MP										
14	TOUCHDOWN	6	EC	1	LB A/A	PRE	93	90	17	93	87	93	0	80	87	93
14	CANOPY	75	DF	.094	LB A/A	PRE										
14	ACTIVATOR 90			.5	% V/V	PRE										
14	TWISTER	1.82	CS	.5127	LB A/A	MP										
14	REFLEX	2	EC	.063	LB A/A	MP										
14	MSO		L	.5	QT/A	MP										
14	LIQUID N		L	2.5	QT/A	MP										
15	TOUCHDOWN	6	EC	1	LB A/A	PRE	83	90	13	83	87	97	0	67	87	97
15	ACTIVATOR 90			.5	% V/V	PRE										
15	CHOICE		L	1	QT/A	PRE										
15	TWISTER	1.8	ME	.5127	LB A/A	MP										
15	REFLEX	2	EC	.063	LB A/A	MP										
15	MSO		L	.5	QT/A	MP										
15	LIQUID N		L	2.5	QT/A	MP										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN FULL SEASON II

Trial ID: S6029
Location: LEXINGTON, KY.

Investigator:
Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Crop Code															
	Part Rated						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Data Type						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Unit															
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
16	PROWL	3.3	EC	1.24	LB A/A	PRE	100	87	0	100	83	90	0	100	87	97
16	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
16	PURSUIT	70	DF	.063	LB A/A	MP										
16	SUNIT		L	.75	QT/A	MP										
16	LIQUID N		L	1	QT/A	MP										
17	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	10	97	87	97	0	97	87	100
17	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
17	PURSUIT	70	DF	.063	LB A/A	MP										
17	STATUS	2	EC	.156	LB A/A	MP										
17	SUNIT		L	.75	QT/A	MP										
17	LIQUID N		L	1	QT/A	MP										
18	PROWL	3.3	EC	1.24	LB A/A	PRE	93	90	3	93	83	93	0	97	87	93
18	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
18	RAPTOR	1	E	.04	LB A/A	MP										
18	SUNIT		L	.75	QT/A	MP										
18	LIQUID N		L	1	QT/A	MP										
19	PROWL	3.3	EC	1.24	LB A/A	PRE	100	90	13	100	87	100	0	100	80	93
19	ROUNDUP ULTRA	4	AS	1	QT/A	PRE										
19	RAPTOR	1	E	.04	LB A/A	MP										
19	STATUS	2	EC	.156	LB A/A	MP										
19	SUNIT		L	.75	QT/A	MP										
19	LIQUID N		L	1	QT/A	MP										
20	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	83	77	0	83	77	97	0	97	83	97
20	RAPTOR	1	E	.04	LB A/A	MP										
20	SUNIT		L	.75	QT/A	MP										
20	LIQUID N		L	1	QT/A	MP										
21	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	90	83	10	90	80	100	0	90	80	100
21	RAPTOR	1	E	.04	LB A/A	MP										
21	STATUS	2	EC	.156	LB A/A	MP										
21	SUNIT		L	.75	QT/A	MP										
21	LIQUID N		L	1	QT/A	MP										

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN FULL SEASON II

Trial ID: S6029 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Weed Code						GGGG	BBBB	GLYMA	SETFA	PHBPU	XANST	GLYMA	SETFA	IPOMEA	XANST
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
22	ROUNDUP ULTRA	4	AS	1	LB A/A	PRE	93	83	13	93	83	93	0	90	83	90
22	RAPTOR	1	E	.04	LB A/A	MP										
22	STATUS	2	EC	.156	LB A/A	MP										
22	PRESTIGE	1	E	.156	LB A/A	MP										
22	SUNIT		L	.75	QT/A	MP										
22	LIQUID N		L	1	QT/A	MP										
	LSD (P=.05)						9.7	10.2	6.2	9.9	14.7	12.8	0.0	14.3	13.8	13.0
	Standard Deviation						5.9	6.2	3.8	6.0	8.9	7.8	0.0	8.6	8.4	7.9
	CV						6.83	7.69	57.57	6.97	11.45	8.87	.	10.74	10.77	9.2

MINIMUM TILL SOYBEAN FULL SEASON II

Trial ID: S6029 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.PHBPU 3.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** MINIMUM TILL
Soil Temperature: 64 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-24-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: MINIMUM TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 4.8 **% Sand:** 6.1 **% Silt:** 64 **% Clay:** 30
pH: 6.1 **CEC:** 27.8 **Soil Name:** LANTON **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-17-96	6-14-96				
Time of Day:	11 AM	11:30 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	MP				
Applic. Placement:	SURFACE	FOLIAR				
Air Temp., Unit:	70 F	67 F				
% Relative Humidity:	85	85				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	64 F	66 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	15				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP				
		1 TR				
		6 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS				
		4 IN				
PHBPU		3 LVS				
		4 IN				
XANST		5 LVS				
		4 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

MINIMUM TILL SOYBEAN FULL SEASON II

Trial ID: S6029 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK				
Operating Pressure:	30	30				
Nozzle Type:	FAN	FAN				
Nozzle Size:	8004 DG	8004 DG				
Nozzle Spacing, Unit:	20 IN	20 IN				
Boom Length, Unit:	6.3 FT	6.3 FT				
Boom Height, Unit:	19 IN	19 IN				
Ground Speed, Unit:	4 MPH	4 MPH				
Carrier:	WATER	WATER				
Spray Volume, Unit:	25 GPA	25 GPA				
Propellant:	CO2	CO2				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6031 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFA	XANST	CHEAL	AMARE	ABUTH
	Weed Code						GGGG	BBBB	GLYMA	SETFA	XANST	CHEAL	AMARE	ABUTH
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	ROUNDUP ULTRA	4	AS	1	LB A/A	3"W	97	94	0	98	97	98	98	96
2	ROUNDUP ULTRA	4	AS	1	LB A/A	6"W	96	88	0	88	89	93	95	95
3	ROUNDUP ULTRA	4	AS	1	LB A/A	9"W	96	86	0	100	98	83	86	89
4	ROUNDUP ULTRA	4	AS	1	LB A/A	12"W	89	79	0	88	79	82	87	92
5	MICRO-TECH	4	SL	2.5	LB A/A	PRE	67	42	0	59	66	72	58	88
5	SCEPTER	70	WG	.125	LB A/A	PRE								
6	PROWL	3.3	EC	1.24	LB A/A	PRE	100	93	0	98	96	95	98	99
6	PURSUIT	70	DF	.063	LB A/A	3"W								
6	SUNIT		L	.75	QT/A	3"W								
6	LIQUID N		L	1	QT/A	3"W								
7	POAST PLUS	1	E	.19	LB A/A	3"W	98	95	0	98	94	95	100	100
7	GALAXY	3.67	EC	.92	LB A/A	3"W								
7	COC		L	.5	QT/A	3"W								
7	LIQUID N		L	1	QT/A	3"W								
8	ASSURE II	0.8	EC	.04	LB A/A	3"W	98	98	0	98	100	100	96	98
8	CLASSIC	25	DF	.005	LB A/A	3"W								
8	PINNACLE	25	DF	.012	LB A/A	3"W								
8	COC		L	1	QT/A	3"W								
8	LIQUID N		L	1	QT/A	3"W								
9	PURSUIT	70	DF	.063	LB A/A	3"W	99	97	0	98	96	91	99	100
9	COBRA	2	EC	.094	LB A/A	3"W								
9	SUNIT		L	.5	QT/A	3"W								
9	LIQUID N		L	1	QT/A	3"W								
10	TORNADO	1.75	L	.44	LB A/A	3"W	100	99	0	100	99	100	100	100
10	COC		L	1	QT/A	3"W								
10	LIQUID N		L	2.5	QT/A	3"W								
11	CONCLUDE XTRA		E	.88	LB A/A	3"W	100	98	0	100	98	99	100	100
	LSD (P=.05)						11.7	12.8	0.0	14.9	16.1	19.6	15.5	9.6
	Standard Deviation						10.0	11.0	0.0	12.8	13.8	16.8	13.3	8.3
	CV						10.62	12.5	.	13.72	15.02	18.28	14.42	8.59

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6031 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFA	XANST	CHEAL	AMARE	ABUTH	GLYMA
	Weed Code						GLYMA	SETFA	XANST	CHEAL	AMARE	ABUTH	GLYMA
	Crop Code												
	Part Rated												
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	INJURY
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	
1	ROUNDUP ULTRA	4	AS	1	LB A/A	3"W	0	98	88	97	98	96	0.0
2	ROUNDUP ULTRA	4	AS	1	LB A/A	6"W	0	97	96	95	97	97	0.0
3	ROUNDUP ULTRA	4	AS	1	LB A/A	9"W	0	100	99	96	100	93	0.0
4	ROUNDUP ULTRA	4	AS	1	LB A/A	12"W	0	97	98	95	100	98	0.0
5	MICRO-TECH	4	SL	2.5	LB A/A	PRE	0	49	63	47	58	83	0.0
5	SCEPTER	70	WG	.125	LB A/A	PRE							
6	PROWL	3.3	EC	1.24	LB A/A	PRE	0	98	96	93	98	99	0.0
6	PURSUIT	70	DF	.063	LB A/A	3"W							
6	SUNIT		L	.75	QT/A	3"W							
6	LIQUID N		L	1	QT/A	3"W							
7	POAST PLUS	1	E	.19	LB A/A	3"W	0	99	83	95	100	98	0.0
7	GALAXY	3.67	EC	.92	LB A/A	3"W							
7	COC		L	.5	QT/A	3"W							
7	LIQUID N		L	1	QT/A	3"W							
8	ASSURE II	0.8	EC	.04	LB A/A	3"W	0	98	97	98	98	97	0.0
8	CLASSIC	25	DF	.005	LB A/A	3"W							
8	PINNACLE	25	DF	.012	LB A/A	3"W							
8	COC		L	1	QT/A	3"W							
8	LIQUID N		L	1	QT/A	3"W							
9	PURSUIT	70	DF	.063	LB A/A	3"W	0	100	96	96	99	100	0.0
9	COBRA	2	EC	.094	LB A/A	3"W							
9	SUNIT		L	.5	QT/A	3"W							
9	LIQUID N		L	1	QT/A	3"W							
10	TORNADO	1.75	L	.44	LB A/A	3"W	0	100	99	98	100	97	0.0
10	COC		L	1	QT/A	3"W							
10	LIQUID N		L	2.5	QT/A	3"W							
11	CONCLUDE XTRA		E	.88	LB A/A	3"W	0	100	94	94	100	97	0.0
	LSD (P=.05)						0.0	13.1	16.7	12.5	9.3	8.8	0.00
	Standard Deviation						0.0	11.2	14.3	10.7	8.0	7.5	0.00
	CV						.	11.94	15.56	11.75	8.41	7.86	.

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6031 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-17-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.XANST 3.CHEAL
4.AMARE 5.ABUTH

Crop 1: GLYMA **Variety:** AG 4701 **Planting Date:** 5-17-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 65 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-25-96

Plot Width, Unit: 10 FT **Plot Length, Unit:** 30 FT **Reps:** 6
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 2.9 **% Sand:** 7.4 **% Silt:** 67 **% Clay:** 25
pH: 5.9 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-17-96	5-31-96	6-13-96	6-17-96	6-21-96	
Time of Day:	1 PM	11 AM	1 PM	11:30 AM	10 AM	
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
Application Timing:	PRE	3"W	6"W	9"W	12"W	
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR	FOLIAR	
Air Temp., Unit:	80 F	53 F	79 F	71 F	65 F	
% Relative Humidity:	74	84	65	80	95	
Wind Velocity, Unit:	4 MPH	4 MPH	5 MPH	4.5 MPH	4 MPH	
Soil Temp., Unit:	76 F	62 F	79 F	78 F	73 F	
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE	
% Cloud Cover:	10	10	20	15	20	

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		3"W	6"W	9"W	12"W	
			1TR	2TR	3TR	
		3 IN	6 IN	9 IN	12 IN	

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6031 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	6 LVS	7 LVS	8 LVS	
		4 IN	6 IN	9 IN	12 IN	
XANST		4 LVS	6 LVS	7 LVS	8 LVS	
		3 IN	6 IN	9 IN	12 IN	
CHEAL		5-6 LVS	8-9 LVS	8 LVS	10 LVS	
		2-3 IN	6 IN	9 IN	12 IN	
AMARE		4-6 LVS	8 LVS	10 LVS	12 LVS	
		2-3 IN	6 IN	9 IN	12 IN	
ABUTH		4 LVS	5-6 LVS	8-10 LVS	11 LVS	
		2-4 IN	6 IN	9 IN	12 IN	

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK	BACKPACK	
Operating Pressure:	30	30	30	30	30	
Nozzle Type:	FAN	FAN	FAN	FAN	FAN	
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG	8004 DG	
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN	20 IN	
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT	5 FT	
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN	19 IN	
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH	4 MPH	
Carrier:	WATER	WATER	WATER	WATER	WATER	
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA	20 GPA	20 GPA	
Propellant:	CO2	CO2	CO2	CO2	CO2	

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY II)

Trial ID: S6032 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	77	99	15	77	99	99
1	PURSUIT	70	DF	.063	LB A/A	MP						
1	SUNIT		L	.75	QT/A	MP						
1	LIQUID N		L	2.5	QT/A	MP						
2	POAST PLUS	1	E	.19	LB A/A	MP	96	96	27	96	96	99
2	GALAXY	3.67	EC	.92	LB A/A	MP						
2	COC		L	.5	QT/A	MP						
2	LIQUID N		L	1	QT/A	MP						
3	ASSURE II	0.8	EC	.044	LB A/A	MP	95	95	22	95	98	93
3	CLASSIC	25	DF	.005	LB A/A	MP						
3	PINNACLE	25	DF	.012	LB A/A	MP						
3	COC		L	1	QT/A	MP						
3	LIQUID N		L	1	QT/A	MP						
4	PURSUIT	70	DF	.063	LB A/A	MP	83	60	18	83	98	57
4	POAST PLUS	1	E	.19	LB A/A	MP						
4	SUNIT		L	.75	QT/A	MP						
4	LIQUID N		L	2.5	QT/A	MP						
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	5"W	92	96	0	92	99	98
6	ROUNDUP ULTRA	4	AS	1	LB A/A	5"W	90	99	0	90	99	99
7	ROUNDUP ULTRA	4	AS	1	LB A/A	10"W	99	99	0	99	99	99
8	ROUNDUP	4	AS	1	LB A/A	10"W	99	99	0	99	99	99
8	ACTIVATOR 90			.5	% V/V	10"W						
9	ROUNDUP ULTRA	4	AS	1.5	LB A/A	10"W	99	99	0	99	99	99
10	PURSUIT	70	DF	.063	LB A/A	MP	87	78	18	87	98	70
10	COBRA	2	EC	.094	LB A/A	MP						
10	COC		L	.5	QT/A	MP						
10	LIQUID N		L	1	QT/A	MP						
11	TORNADO	1.75	L	.44	LB A/A	MP	99	96	5	99	99	96
11	COC		L	1	QT/A	MP						
11	LIQUID N		L	1	QT/A	MP						
12	CONCLUDE XTRA		E	.88	LB A/A	MP	99	93	8	99	91	98
12	COC		L	1	QT/A	MP						

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY II)

Trial ID: S6032 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GGGG	BBBB	GLYMA	SORHA	AMARE	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
13	SQUADRON	2.33	EC	.87	LB A/A	PRE	96	99	0	96	99	99
13	ROUNDUP ULTRA	4	AS	1	LB A/A	5"W						
14	SQUADRON	2.33	EC	.87	LB A/A	PRE	67	99	0	67	99	99
15	SQUADRON	2.33	EC	.87	LB A/A	PRE	62	99	0	62	99	99
15	PROWL	3.3	EC	.25	LB A/A	PRE						
16	CANOPY	75	DF	.28	LB A/A	PRE	60	98	0	60	95	99
16	ROUNDUP ULTRA	4	AS	1	LB A/A	10"W						
17	CANOPY	75	DF	.375	LB A/A	PRE	72	99	2	72	99	99
17	ROUNDUP ULTRA	4	AS	1	LB A/A	10"W						
18	Weedy Check						0	0	0	0	0	0
	LSD (P=.05)						9.9	7.5	5.3	9.9	3.7	6.3
	Standard Deviation						6.0	4.5	3.2	6.0	2.2	3.8
	CV						7.29	5.06	50.02	7.29	2.37	4.28

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY II)

Trial ID: S6032 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	2	85	99	99	0	85	99	99
1	PURSUIT	70	DF	.063	LB A/A	MP								
1	SUNIT		L	.75	QT/A	MP								
1	LIQUID N		L	2.5	QT/A	MP								
2	POAST PLUS	1	E	.19	LB A/A	MP	12	80	95	99	0	80	90	99
2	GALAXY	3.67	EC	.92	LB A/A	MP								
2	COC		L	.5	QT/A	MP								
2	LIQUID N		L	1	QT/A	MP								
3	ASSURE II	0.8	EC	.044	LB A/A	MP	7	88	98	98	0	88	98	94
3	CLASSIC	25	DF	.005	LB A/A	MP								
3	PINNACLE	25	DF	.012	LB A/A	MP								
3	COC		L	1	QT/A	MP								
3	LIQUID N		L	1	QT/A	MP								
4	PURSUIT	70	DF	.063	LB A/A	MP	5	87	99	50	0	87	99	40
4	POAST PLUS	1	E	.19	LB A/A	MP								
4	SUNIT		L	.75	QT/A	MP								
4	LIQUID N		L	2.5	QT/A	MP								
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	5"W	0	72	99	94	0	80	99	96
6	ROUNDUP ULTRA	4	AS	1	LB A/A	5"W	0	62	91	91	0	67	91	91
7	ROUNDUP ULTRA	4	AS	1	LB A/A	10"W	0	99	99	99	0	99	99	99
8	ROUNDUP	4	AS	1	LB A/A	10"W	0	99	99	99	0	99	99	99
8	ACTIVATOR 90			.5	% V/V	10"W								
9	ROUNDUP ULTRA	4	AS	1.5	LB A/A	10"W	0	99	99	99	0	99	99	99
10	PURSUIT	70	DF	.063	LB A/A	MP	10	93	99	63	0	93	96	65
10	COBRA	2	EC	.094	LB A/A	MP								
10	COC		L	.5	QT/A	MP								
10	LIQUID N		L	1	QT/A	MP								
11	TORNADO	1.75	L	.44	LB A/A	MP	0	98	96	96	0	98	93	93
11	COC		L	1	QT/A	MP								
11	LIQUID N		L	1	QT/A	MP								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY II)

Trial ID: S6032 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
	Weed Code						GLYMA	SORHA	AMARE	CHEAL	GLYMA	SORHA	AMARE	CHEAL
	Crop Code													
	Part Rated													
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
12	CONCLUDE XTRA		E	.88	LB A/A	MP	0	95	88	93	0	95	75	93
12	COC		L	1	QT/A	MP								
13	SQUADRON	2.33	EC	.87	LB A/A	PRE	0	88	99	99	0	88	99	99
13	ROUNDUP ULTRA	4	AS	1	LB A/A	5"W								
14	SQUADRON	2.33	EC	.87	LB A/A	PRE	0	30	99	99	0	30	99	99
15	SQUADRON	2.33	EC	.87	LB A/A	PRE	0	23	99	99	0	17	99	99
15	PROWL	3.3	EC	.25	LB A/A	PRE								
16	CANOPY	75	DF	.28	LB A/A	PRE	0	98	99	99	0	98	99	99
16	ROUNDUP ULTRA	4	AS	1	LB A/A	10"W								
17	CANOPY	75	DF	.375	LB A/A	PRE	2	99	99	99	0	99	99	99
17	ROUNDUP ULTRA	4	AS	1	LB A/A	10"W								
18	Weedy Check						0	0	0	0	0	0	0	0
	LSD (P=.05)						2.3	13.9	8.8	14.0	0.0	12.1	16.9	18.3
	Standard Deviation						1.4	8.3	5.3	8.4	0.0	7.3	10.1	11.0
	CV						68.26	10.78	5.73	9.61	.	9.32	11.17	12.62

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY II)

Trial ID: S6032 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-14-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**AMARE **3.**CHEAL

Crop 1: GLYMA **Variety:** AG 4071 **Planting Date:** 5-14-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 52 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 5-20-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.2 **% Sand:** 7.7 **% Silt:** 66 **% Clay:** 26
pH: 5.5 **CEC:** 16.5 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-14-96	5-31-96	6-6-96	6-17-96		
Time of Day:	11 AM	2 PM	10 AM	10:30 AM		
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST		
Application Timing:	PRE	5"W	MP	10"W		
Applic. Placement:	SURFACE	FOLIAR	FOLIAR	FOLIAR		
Air Temp., Unit:	55 F	75 F	65 F	72 F		
% Relative Humidity:	85	60	90	90		
Wind Velocity, Unit:	4 MPH	5 MPH	4 MPH	4 MPH		
Soil Temp., Unit:	52 F	75 F	68 F	76 F		
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE	ADEQUATE		
% Cloud Cover:	10	15	10	10		

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		5"W	MP	10"W		
			1 TR	2 TR		
		3 IN	6 IN	9 IN		

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA		4 LVS	5 LVS	7 LVS		
		5 IN	6 IN	9 IN		
AMARE		4-6 LVS	6-7 LVS	8 LVS		
		4 IN	6-7 IN	9-10 IN		
CHEAL		5-6 LVS	7-8 LVS	8-9 LVS		
		4-5 IN	7 IN	10 IN		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY II)

Trial ID: S6032 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK	BACKPACK		
Operating Pressure:	30	30	30	30		
Nozzle Type:	FAN	FAN	FAN	FAN		
Nozzle Size:	8004 DG	8004 DG	8004 DG	8004 DG		
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN	20 IN		
Boom Length, Unit:	5 FT	5 FT	5 FT	5 FT		
Boom Height, Unit:	19 IN	19 IN	19 IN	19 IN		
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH	4 MPH		
Carrier:	WATER	WATER	WATER	WATER		
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA	25 GPA		
Propellant:	CO2	CO2	CO2	CO2		

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREEMERGENCE

Trial ID: C6110 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	ABUTH	IPOMEA	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	ABUTH	IPOMEA	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	BICEP II	5.9	F	3.6	LB A/A	PRE	100	87	0	100	93	80	87
2	SURPASS 100	5	SC	3	LB A/A	PRE	100	77	0	100	80	67	87
3	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	70	0	100	70	63	77
4	AXIOM	68	DF	.77	LB A/A	PRE	100	57	0	100	53	63	57
5	AXIOM	68	DF	.85	LB A/A	PRE	100	63	0	100	60	63	53
6	AXIOM	68	DF	.77	LB A/A	PRE	100	87	0	100	90	67	90
6	ATRAZINE	4	F	1.5	LB A/A	PRE							
7	FRONTIER	6	E	1.2	LB A/A	PRE	100	90	0	100	90	87	100
7	MARKSMAN	3.2	F	1.4	LB A/A	6"C							
8	GUARDSMAN	5	E	2.8	LB A/A	PRE	100	77	3	100	60	80	100
8	CLARITY	4	E	.5	LB A/A	6"C							
8	ACTIVATOR 90			.25	% V/V	6"C							
8	LIQUID N		L	2	QT/A	6"C							
9	GUARDSMAN	5	E	2.8	LB A/A	PRE	100	90	0	100	77	87	100
9	MARKSMAN	3.2	F	1.4	LB A/A	6"C							
10	FRONTIER	6	E	1.2	LB A/A	PRE	100	67	0	100	57	60	73
10	SCORPION III	84.3	WG	.21	LB A/A	6"C							
10	ACTIVATOR 90			.25	% V/V	6"C							
10	LIQUID N		L	2.5	QT/A	6"C							
11	FRONTIER	6	E	1.2	LB A/A	PRE	100	70	0	100	60	67	87
11	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	6"C							
11	ACTIVATOR 90			.25	% V/V	6"C							
11	LIQUID N		L	2.5	QT/A	6"C							
12	FRONTIER	6	E	1.2	LB A/A	PRE	100	73	0	100	67	70	83
12	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	6"C							
12	ACTIVATOR 90			.25	% V/V	6"C							
12	LIQUID N		L	2.5	QT/A	6"C							
13	FRONTIER	6	E	1.2	LB A/A	PRE	100	90	10	100	100	67	100
13	BROADSTRIKE PLUS	85.6	WG	.086	LB A/A	13C							
13	ACTIVATOR 90			.25	% V/V	13C							
13	LIQUID N		L	2.5	QT/A	13C							

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREEMERGENCE

Trial ID: C6110 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	ABUTH	IPOMEA	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	ABUTH	IPOMEA	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
14	FRONTIER	6	E	1.2	LB A/A	PRE	100	90	0	100	100	77	100
14	BROADSTRIKE PLUS	85.6	WG	.17	LB A/A	13C							
14	ACTIVATOR 90			.25	% V/V	13C							
14	LIQUID N		L	2.5	QT/A	13C							
15	HARNESS	7	EC	1.75	LB A/A	PRE	100	80	0	100	73	70	90
15	BATTALION	15	WG	.047	LB A/A	PRE							
16	HARNESS	7	EC	1.75	LB A/A	PRE	93	50	0	93	50	47	53
16	BATTALION	15	WG	.063	LB A/A	PRE							
17	HARNESS XTRA	5.6	EC	1.8	LB A/A	PRE	100	73	0	100	67	60	77
17	BATTALION	15	WG	.063	LB A/A	PRE							
18	HARNESS XTRA	5.6	EC	2.66	LB A/A	PRE	100	83	0	100	83	63	83
18	BATTALION	15	WG	.047	LB A/A	PRE							
19	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	73	0	100	67	63	80
19	BATTALION	15	WG	.024	LB A/A	PRE							
20	HARNESS	7	EC	1.75	LB A/A	PRE	100	80	0	100	60	73	90
20	PERMIT	75	DF	.031	LB A/A	8"C							
20	ACTIVATOR 90			.25	% V/V	8"C							
21	HARNESS	7	EC	1.75	LB A/A	PRE	100	87	0	100	70	87	100
21	PERMIT	75	DF	.031	LB A/A	8"C							
21	WEEDAR 64	3.8	E	.12	LB A/A	8"C							
21	ACTIVATOR 90			.25	% V/V	8"C							
22	HARNESS	7	EC	1.75	LB A/A	PRE	100	83	0	100	77	73	93
22	PERMIT	75	DF	.031	LB A/A	8"C							
22	BANVEL	4	EC	.12	LB A/A	8"C							
22	ACTIVATOR 90			.25	% V/V	8"C							
23	HARNESS	7	EC	1.75	LB A/A	PRE	100	90	0	100	90	90	100
23	PERMIT	75	DF	.031	LB A/A	8"C							
23	ATRAZINE	4	F	1	LB A/A	8"C							
23	ACTIVATOR 90			.25	% V/V	8"C							
24	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	87	0	100	80	73	93
24	PERMIT	75	DF	.031	LB A/A	8"C							
24	ACTIVATOR 90			.25	% V/V	8"C							

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN PREEMERGENCE

Trial ID: C6110 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SETFA	ABUTH	IPOMEA	XANST
	Weed Code						GGGG	BBBB	ZEAMX	SETFA	ABUTH	IPOMEA	XANST
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
25	HARNESS XTRA	5.6	EC	2.8	LB A/A	PRE	100	87	0	100	80	80	100
25	PERMIT	75	DF	.031	LB A/A	8"C							
25	BANVEL	4	EC	.12	LB A/A	8"C							
25	ACTIVATOR 90			.25	% V/V	8"C							
26	DUAL II	7.8	EC	2	LB A/A	PRE	100	73	0	100	67	67	87
26	EXCEED	57	DF	.036	LB A/A	8"C							
26	ACTIVATOR 90			.25	% V/V	8"C							
27	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	100	90	0	100	93	77	70
27	ATRAZINE	4	F	.5	LB A/A	PRE							
28	BULLET	4	F	3.75	LB A/A	PRE	100	73	0	100	70	63	77
29	HARNESS XTRA	5.6	EC	3.22	LB A/A	EEP	100	90	0	100	100	73	100
30	HARNESS XTRA	5.6	EC	3.22	LB A/A	EP	100	90	0	100	97	73	97
	LSD (P=.05)						3.4	15.0	5.5	3.4	19.1	18.8	26.1
	Standard Deviation						2.1	9.2	3.4	2.1	11.7	11.5	16.0
	CV						2.11	11.6	753.87	2.11	15.41	16.23	18.53

Dept. of Agronomy, Univ. of KY
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CORN PREEMERGENCE

Trial ID: C6110 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.ABUTH 3.IPOHE
4.XANST

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 76 F **Soil Moisture:** NORMAL **Emergence Date:** 6-11-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-18-96	6-18-96			
Time of Day:	1 PM	11 AM	2 PM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	6" C	8" C			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	76 F	72 F	78 F			
% Relative Humidity:	90	90	90			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	78 F	76 F	78 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	15	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		6"C	8"C			
		3 LVS	3 LVS			
		6 IN	7 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA		4 LVS	4 LVS			
		4IN	4 IN			
ABUTH		4-5 LVS	4-5 LVS			
		3 IN	3 IN			
IPOHE		3 LVS	3 LVS			
		4 IN	4 IN			
XANST		5 LVS	5 LVS			
		4 IN	4 IN			

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CORN PREEMERGENCE

Trial ID: C6110 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C		D	E	F
Appl. Equipment:	4 WHEELER		BACKPACK		BACKPACK				
Operating Pressure:	30		30		30				
Nozzle Type:	FAN		FAN		FAN				
Nozzle Size:	8004	DG	8004	DG	8004	DG			
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN			
Boom Length, Unit:	5	FT	5	FT	5	FT			
Boom Height, Unit:	19	IN	19	IN	19	IN			
Ground Speed, Unit:	4	MPH	4	MPH	4	MPH			
Carrier:	WATER		WATER		WATER				
Spray Volume, Unit:	25	GPA	25	GPA	25	GPA			
Propellant:	CO2		CO2		CO2				

Dept. of Agronomy, Univ. of KY
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CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.36	LB A/A	MP	88	97	0	85	97	0	85	97
1	ATRAZINE	4	F	1	LB A/A	MP								
1	CHOICE		L	1	QT/A	MP								
2	LIBERTY	1.67	E	.27	LB A/A	MP	70	87	0	90	87	0	90	70
2	CHOICE		L	1	QT/A	MP								
2	LIBERTY	1.67	E	.27	LB A/A	+2W								
2	CHOICE		L	1	QT/A	+2W								
3	LIBERTY	1.67	E	.36	LB A/A	MP	62	93	0	75	93	0	75	80
3	CHOICE		L	1	QT/A	MP								
3	LIBERTY	1.67	E	.36	LB A/A	+2W								
3	CHOICE		L	1	QT/A	+2W								
4	ATRAZINE	4	F	1.5	LB A/A	PRE	73	97	0	78	97	0	70	90
4	LIBERTY	1.67	E	.36	LB A/A	MP								
4	CHOICE		L	1	QT/A	MP								
5	LIBERTY	1.67	E	.36	LB A/A	MP	73	95	0	80	95	0	70	90
5	CHOICE		L	1	QT/A	MP								
6	DUAL II	7.8	EC	2	LB A/A	PRE	88	98	0	93	98	0	90	80
6	LIBERTY	1.67	E	.36	LB A/A	MP								
6	CHOICE		L	1	QT/A	MP								
7	ACCENT	75	WG	.031	LB A/A	MP	90	97	0	95	97	0	95	97
7	BUCTRIL	2	EC	.25	LB A/A	MP								
7	X-77			.25	% V/V	MP								
7	LIQUID N		L	1	QT/A	MP								
8	BICEP II	5.9	F	3.2	LB A/A	PRE	58	88	0	60	88	0	60	80
9	HAND WEEDED						85	97	0	100	97	0	90	90
10	WEEDY CHECK						0	0	0	0	0	0	0	0
11	LIBERTY	1.67	E	.36	LB A/A	MP	78	93	87	78	70	87	82	70
11	CHOICE		L	1	QT/A	MP								
11	NON-TRANSFORMED													

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
Weed Code							GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
Crop Code														
Part Rated														
Rating Data Type							CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date														
Footnote Number														
Trt-Eval Interval							2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
PRM Data Type							P	P	P	P	P	P	P	P
# Subsamples, Dec.							0	0	0	0	0	0	0	0
LSD (P=.05)							21.8	7.6	3.0	14.8	7.7	3.0	12.5	3.2
Standard Deviation							12.8	4.5	1.7	8.7	4.5	1.7	7.3	1.9
CV							18.36	5.24	22.09	11.44	5.45	22.09	9.99	2.49

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**IPOHE

Crop 1: ZEAMX **Variety:** LIBERTY LINK **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 74 F **Soil Moisture:** NORMAL **Emergence Date:** 6-11-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-9-96			
Time of Day:	1 PM	10:30 AM	11:30 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	MP + 2WK			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	76 F	64 F	68 F			
% Relative Humidity:	90	80	80			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	78 F	78 F	76 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		MP	MP + 2WK			
		4 LVS	6 LVS			
		9 IN	20 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA		4 LVS	6 LVS			
		8 IN	21 IN			
IPOHE		5 LVS	8 LVS			
		6 IN	11 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE (LIBERTY)

Trial ID: C6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS (LIBERTY)

Trial ID: C6121 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	SORHA CONTROL PERCENT 2 WEEKS P 0	ZEAMX INJURY PERCENT 2 WEEKS P 0	SORHA CONTROL PERCENT 4 WEEKS P 0	ZEAMX INJURY PERCENT 4 WEEKS P 0
1	LIBERTY	1.67	E	.36	LB A/A	12J	80	0	70	0
2	LIBERTY	1.67	E	.36	LB A/A	12J	72	0	72	0
2	CHOICE		L	1	QT/A	12J				
3	LIBERTY	1.67	E	.27	LB A/A	12J	92	0	88	0
3	LIBERTY	1.67	E	.27	LB A/A	20C				
4	LIBERTY	1.67	E	.27	LB A/A	12J	90	0	90	0
4	CHOICE		L	1	QT/A	12J				
4	LIBERTY	1.67	E	.27	LB A/A	20C				
4	CHOICE		L	1	QT/A	20C				
5	LIBERTY	1.67	E	.36	LB A/A	12J	92	0	92	0
5	LIBERTY	1.67	E	.27	LB A/A	20C				
6	LIBERTY	1.67	E	.36	LB A/A	12J	95	0	92	0
6	CHOICE		L	1	QT/A	12J				
6	LIBERTY	1.67	E	.27	LB A/A	20C				
6	CHOICE		L	1	QT/A	20C				
7	LIBERTY	1.67	E	.27	LB A/A	12J	82	0	82	0
7	ACCENT	75	WG	.016	LB A/A	12J				
7	COC		L	1	QT/A	12J				
8	LIBERTY	1.67	E	.27	LB A/A	12J	77	0	77	0
8	ACCENT	75	WG	.016	LB A/A	12J				
8	COC		L	1	QT/A	12J				
8	CHOICE		L	1	QT/A	12J				
9	ACCENT	75	WG	.016	LB A/A	12J	93	0	93	0
9	BEACON	75	DF	.018	LB A/A	12J				
9	COC		L	1	QT/A	12J				
9	LIQUID N		L	1	QT/A	12J				
10	ACCENT	75	WG	.036	LB A/A	12J	83	0	83	0
LSD (P=.05)							6.4	0.0	5.6	0.0
Standard Deviation							3.7	0.0	3.3	0.0
CV							4.33	.	3.89	.

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS (LIBERTY)

Trial ID: C6121 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA

Crop 1: ZEAMX **Variety:** LIBERTY LINK **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 74 F **Soil Moisture:** NORMAL **Emergence Date:** 6-11-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-26-96	7-9-96				
Time of Day:	11 AM	10 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	12"J	20"C				
Applic. Placement:	FOLIAR	FOLIAR				
Air Temp., Unit:	65 F	68 F				
% Relative Humidity:	80	80				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	78 F	76 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	12"J	20"C				
Stage Scale:	4 LVS	6 LVS				
Height, Unit:	11 IN	20 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SORHA Stage:	4 LVS	6 LVS				
Stage Scale:	12 IN	21 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS (LIBERTY)

Trial ID: C6121 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C	D	E	F
Appl. Equipment:	BACKPACK		BACKPACK					
Operating Pressure:	30		30					
Nozzle Type:	FAN		FAN					
Nozzle Size:	8004	DG	8004	DG				
Nozzle Spacing, Unit:	20	IN	20	IN				
Boom Length, Unit:	5	FT	5	FT				
Boom Height, Unit:	19	IN	19	IN				
Ground Speed, Unit:	4	MPH	4	MPH				
Carrier:	WATER		WATER					
Spray Volume, Unit:	25	GPA	25	GPA				
Propellant:	CO2		CO2					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6122 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	AMARE	CHEAL
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	AMARE	CHEAL
	Crop Code											
	Part Rated											
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date											
	Footnote Number											
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0
1	POAST PLUS	1	E	.19	LB A/A	18J	88	99	0	88	99	96
1	ATRAZINE	4	F	1	LB A/A	18J						
1	LIQUID N		L	2.5	QT/A	18J						
2	POAST PLUS	1	E	.19	LB A/A	18J	87	99	0	87	99	99
2	ATRAZINE	4	F	1.5	LB A/A	18J						
2	LIQUID N		L	2.5	QT/A	18J						
3	POAST PLUS	1	E	.19	LB A/A	18J	95	10	0	95	10	10
3	X-77			.25	% V/V	18J						
3	LIQUID N		L	2.5	QT/A	18J						
4	POAST PLUS	1	E	.28	LB A/A	18J	93	17	0	93	10	13
4	X-77			.25	% V/V	18J						
4	LIQUID N		L	2.5	QT/A	18J						
5	POAST PLUS	1	E	.19	LB A/A	18J	92	13	0	95	10	10
5	X-77			.25	% V/V	18J						
5	LIQUID N		L	2.5	QT/A	18J						
5	POAST PLUS	1	E	.19	LB A/A	+2W						
5	X-77			.25	% V/V	+2W						
5	LIQUID N		L	2.5	QT/A	+2W						
6	POAST PLUS	1	E	.19	LB A/A	18J	88	93	0	88	93	96
6	LADDOK	5	FL	1	LB A/A	18J						
6	LIQUID N		L	2.5	QT/A	18J						
7	ACCENT	75	WG	.016	LB A/A	18J	80	70	0	80	85	60
7	BEACON	75	DF	.018	LB A/A	18J						
7	COC		L	1	QT/A	18J						
7	LIQUID N		L	1	QT/A	18J						
8	Weedy Check						0	3	0	0	3	3
	LSD (P=.05)						11.5	9.1	0.0	11.5	3.9	9.2
	Standard Deviation						6.5	5.2	0.0	6.6	2.2	5.3
	CV						8.4	10.26	.	8.42	4.33	10.89

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6122 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	SORHA	AMARE	CHEAL
	Weed Code									
	Crop Code									
	Part Rated									
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date									
	Footnote Number									
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P
	# Subsamples, Dec.						0	0	0	0
1	POAST PLUS	1	E	.19	LB A/A	18J	0	88	99	96
1	ATRAZINE	4	F	1	LB A/A	18J				
1	LIQUID N		L	2.5	QT/A	18J				
2	POAST PLUS	1	E	.19	LB A/A	18J	0	87	99	99
2	ATRAZINE	4	F	1.5	LB A/A	18J				
2	LIQUID N		L	2.5	QT/A	18J				
3	POAST PLUS	1	E	.19	LB A/A	18J	0	95	10	10
3	X-77			.25	% V/V	18J				
3	LIQUID N		L	2.5	QT/A	18J				
4	POAST PLUS	1	E	.28	LB A/A	18J	0	93	10	13
4	X-77			.25	% V/V	18J				
4	LIQUID N		L	2.5	QT/A	18J				
5	POAST PLUS	1	E	.19	LB A/A	18J	0	95	10	10
5	X-77			.25	% V/V	18J				
5	LIQUID N		L	2.5	QT/A	18J				
5	POAST PLUS	1	E	.19	LB A/A	+2W				
5	X-77			.25	% V/V	+2W				
5	LIQUID N		L	2.5	QT/A	+2W				
6	POAST PLUS	1	E	.19	LB A/A	18J	0	88	93	96
6	LADDOK	5	FL	1	LB A/A	18J				
6	LIQUID N		L	2.5	QT/A	18J				
7	ACCENT	75	WG	.016	LB A/A	18J	0	80	85	60
7	BEACON	75	DF	.018	LB A/A	18J				
7	COC		L	1	QT/A	18J				
7	LIQUID N		L	1	QT/A	18J				
8	Weedy Check						0	0	3	3
	LSD (P=.05)						0.0	11.5	3.9	9.2
	Standard Deviation						0.0	6.6	2.2	5.3
	CV						.	8.42	4.33	10.89

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6122 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**AMARE **3.**CHEAL

Crop 1: ZEAMX **Variety:** CARGILL 7800SR **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 74 F **Soil Moisture:** NORMAL **Emergence Date:** 6-11-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-26-96	7-9-96				
Time of Day:	10 AM	11 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	18"J	18J + 2WK				
Applic. Placement:	FOLIAR	FOLIAR				
Air Temp., Unit:	64 F	68 F				
% Relative Humidity:	80	80				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	78 F	76 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	18"J	18J + 2WK				
Stage Scale:	5 LVS	6 LVS				
Height, Unit:	18 IN	22 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SORHA Stage:	6 LVS	7 LVS				
Stage Scale:	18 IN	24 IN				
Weed 2 AMARE Stage:	6 LVS	7 LVS				
Stage Scale:	15 IN	18 IN				
Weed 3 CHEAL Stage:	7 LVS	9 LVS				
Stage Scale:	10 IN	13 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE SR

Trial ID: C6122 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C	D	E	F
Appl. Equipment:	BACKPACK		BACKPACK					
Operating Pressure:	30		30					
Nozzle Type:	FAN		FAN					
Nozzle Size:	8004	DG	8004	DG				
Nozzle Spacing, Unit:	20	IN	20	IN				
Boom Length, Unit:	5	FT	5	FT				
Boom Height, Unit:	19	IN	19	IN				
Ground Speed, Unit:	4	MPH	4	MPH				
Carrier:	WATER		WATER					
Spray Volume, Unit:	25	GPA	25	GPA				
Propellant:	CO2		CO2					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT

Trial ID: C6123 Investigator:
Location: PRINCETON Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	ZEAMX	SORHA	ZEAMX	SORHA	ZEAMX	SORHA
	Weed Code						GGGG	ZEAMX	SORHA	ZEAMX	SORHA	ZEAMX	SORHA
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	INJURY	CONTROL	INJURY	CONTROL	INJURY	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	RESOLVE	75	SG	.251	LB A/A	MP	73	0	97	0	97	0	97
1	ACTIVATOR 90			.25	% V/V	MP							
1	LIQUID N		L	1	QT/A	MP							
2	RESOLVE	75	SG	.251	LB A/A	MP	87	0	100	0	100	0	100
2	ACCENT	75	WG	.015	LB A/A	MP							
2	ACTIVATOR 90			.25	% V/V	MP							
2	LIQUID N		L	1	QT/A	MP							
3	RESOLVE	75	SG	.251	LB A/A	LP	80	0	85	0	85	0	85
3	ACCENT	75	WG	.015	LB A/A	LP							
3	ACTIVATOR 90			.25	% V/V	LP							
3	LIQUID N		L	1	QT/A	LP							
4	LIGHTNING	70	DG	.056	LB A/A	MP	88	0	100	0	100	0	100
4	ACTIVATOR 90			.25	% V/V	MP							
4	LIQUID N		L	1	QT/A	MP							
5	LIGHTNING	70	DG	.056	LB A/A	LP	77	0	80	0	80	0	80
5	ACTIVATOR 90			.25	% V/V	LP							
5	LIQUID N		L	1	QT/A	LP							
6	LIGHTNING	70	DG	.056	LB A/A	MP	88	0	100	0	100	0	100
6	SUNIT		L	.75	QT/A	MP							
6	LIQUID N		L	1	QT/A	MP							
7	LIGHTNING	70	DG	.056	LB A/A	LP	77	0	80	0	80	0	80
7	SUNIT		L	.75	QT/A	LP							
7	LIQUID N		L	1	QT/A	LP							
8	EXCEED	57	DF	.035	LB A/A	MP	75	0	100	0	100	0	100
8	ACCENT	75	WG	.023	LB A/A	MP							
8	ACTIVATOR 90			.25	% V/V	MP							
	LSD (P=.05)						15.5	0.0	4.7	0.0	4.7	0.0	4.7
	Standard Deviation						8.8	0.0	2.7	0.0	2.7	0.0	2.7
	CV						10.96	.	2.91	.	2.91	.	2.91

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT

Trial ID: C6123 Investigator:
Location: PRINCETON Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA

Crop 1: ZEAMX **Variety:** ICI836IT **Planting Date:** 6-5-96
Rate: 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 74 F **Soil Moisture:** NORMAL **Emergence Date:** 6-11-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-26-96	7-9-96				
Time of Day:	1 PM	11:30 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	MP	LP				
Applic. Placement:	FOLIAR	FOLIAR				
Air Temp., Unit:	82 F	71 F				
% Relative Humidity:	50	75				
Wind Velocity, Unit:	4 MPH	4 MPH				
Soil Temp., Unit:	84 F	78 F				
Soil Moisture:	ADEQUATE	ADEQUATE				
% Cloud Cover:	10	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 ZEAMX Stage:	MP	LP				
Stage Scale:	4 LVS	6 LVS				
Height, Unit:	9 IN	20 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SORHA Stage:	4 LVS	6 LVS				
Stage Scale:	8 IN	20 IN				

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN POSTEMERGENCE IT

Trial ID: C6123 Investigator:
Location: PRINCETON Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C	D	E	F
Appl. Equipment:	BACKPACK		BACKPACK					
Operating Pressure:	30		30					
Nozzle Type:	FAN		FAN					
Nozzle Size:	8004	DG	8004	DG				
Nozzle Spacing, Unit:	20	IN	20	IN				
Boom Length, Unit:	5	FT	5	FT				
Boom Height, Unit:	19	IN	19	IN				
Ground Speed, Unit:	4	MPH	4	MPH				
Carrier:	WATER		WATER					
Spray Volume, Unit:	25	GPA	25	GPA				
Propellant:	CO2		CO2					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE (ROUNDUP)

Trial ID: C6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	85	93	0	85	93	0	85	93
2	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	90	93	0	98	93	0	98	93
3	ROUNDUP ULTRA	4	AS	1	LB A/A	V4	97	97	0	97	97	0	97	97
4	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	90	90	0	100	90	0	100	90
4	MON 8435			1	LB A/A	V4								
5	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	87	88	0	90	88	0	90	88
5	MON 8435			1.25	LB A/A	V4								
6	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	95	95	0	98	95	0	98	95
6	ATRAZINE	4	F	.75	LB A/A	V4								
7	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	87	98	0	93	98	0	93	98
7	ATRAZINE	4	F	1	LB A/A	V4								
8	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	98	97	0	95	97	0	95	97
8	ATRAZINE	4	F	1.25	LB A/A	V4								
9	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	90	95	0	97	95	0	97	95
9	HARNESS	7	EC	1	LB A/A	V4								
9	PERMIT	75	DF	.032	LB A/A	V4								
10	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	88	93	0	95	93	0	95	93
10	HARNESS XTRA	5.6	EC	1.81	LB A/A	V4								
11	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	78	85	0	90	85	0	90	85
11	ROUNDUP ULTRA	4	AS	.5	LB A/A	POD								
12	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4	95	95	0	98	95	0	98	95
12	ROUNDUP ULTRA	4	AS	.75	LB A/A	POD								
13	ROUNDUP ULTRA	4	AS	.75	LB A/A	V4	88	88	0	93	88	0	93	88
13	ROUNDUP ULTRA	4	AS	.5	LB A/A	POD								
14	BULLET	4	F	4	LB A/A	PRE	23	95	0	15	95	0	15	95
15	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	20	95	0	20	95	0	20	95

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

CORN JOHNSONGRASS POSTEMERGENCE (ROUNDUP)

Trial ID: C6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
	Weed Code						GGGG	BBBB	ZEAMX	SORHA	IPOHE	ZEAMX	SORHA	IPOHE
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
16	HARNESS XTRA	5.6	EC	3.22	LB A/A	PRE	90	95	0	97	95	0	97	95
16	ROUNDUP ULTRA	4	AS	.5	LB A/A	V4								
17	ACCENT	75	WG	.031	LB A/A	V4	92	92	0	97	92	0	97	92
17	COC		L	1	QT/A	V4								
17	LIQUID N		L	1	QT/A	V4								
18	BEACON	75	DF	.036	LB A/A	V4	18	97	0	95	97	0	95	97
18	COC		L	1	QT/A	V4								
18	LIQUID N		L	1	QT/A	V4								
19	ACCENT	75	WG	.016	LB A/A	V4	92	90	0	95	90	0	95	90
19	BEACON	75	DF	.018	LB A/A	V4								
19	COC		L	1	QT/A	V4								
19	LIQUID N		L	1	QT/A	V4								
	LSD (P=.05)						10.9	6.9	0.0	9.8	6.9	0.0	9.8	6.9
	Standard Deviation						6.6	4.2	0.0	5.9	4.2	0.0	5.9	4.2
	CV						8.35	4.48	.	6.81	4.48	.	6.81	4.48

CORN JOHNSONGRASS POSTEMERGENCE (ROUNDUP)

Trial ID: C6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**IPOHE

Crop 1: ZEAMX **Variety:** ROUNDUP READY **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 74 F **Soil Moisture:** NORMAL **Emergence Date:** 6-11-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-9-96			
Time of Day:	1 PM	1 PM	10 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	V4	POD			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	76 F	80 F	70 F			
% Relative Humidity:	90	55	85			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	78 F	84 F	76 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX		V4	POD			
		5 LVS	7 LVS			
		20 IN	25 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA		5 LVS	7 LVS			
		18 IN	24 IN			
IPOHE		6 LVS	8 LVS			
		15 IN	20 IN			

Dept. of Agronomy, Univ. of KY
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CORN JOHNSONGRASS POSTEMERGENCE (ROUNDUP)

Trial ID: C6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A		B		C		D	E	F
Appl. Equipment:	4 WHEELER		BACKPACK		BACKPACK				
Operating Pressure:	30		30		30				
Nozzle Type:	FAN		FAN		FAN				
Nozzle Size:	8004	DG	8004	DG	8004	DG			
Nozzle Spacing, Unit:	20	IN	20	IN	20	IN			
Boom Length, Unit:	5	FT	5	FT	30	IN			
Boom Height, Unit:	19	IN	19	IN	19	IN			
Ground Speed, Unit:	4	MPH	4	MPH	4	MPH			
Carrier:	WATER		WATER		WATER				
Spray Volume, Unit:	25	GPA	25	GPA	25	GPA			
Propellant:	CO2		CO2		CO2				

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CORN PREEMERGENCE II

Trial ID: 96J130 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	ZEAMX	ZEAMX	ZEAMX	GGGG	BBBB	ZEAMX	DIGSA	XANST	ZEAMX	DIGSA	XANST
	Weed Code																
	Crop Code																
	Part Rated																
	Rating Data Type						INJURY	INJURY	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL	STUNT	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						5-14-96	5-17-96	5-17-96								
	Footnote Number																
	Trt-Eval Interval						V1	V3	V3	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0	0
1	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	87	63	0	87	67	0	87	67
2	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	90	57	0	90	73	0	90	73
3	AATREX-DF	90	DF	1.25	LB A/A	PRE	0	0	0	87	82	0	90	90	0	90	90
4	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	90	85	0	90	87	0	90	87
4	AATREX-DF	90	DF	1.25	LB A/A	PRE											
5	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	93	83	0	93	87	0	93	87
5	AATREX-DF	90	DF	1.25	LB A/A	PRE											
6	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	90	85	0	90	87	0	90	87
6	DUAL II	7.8	EC	1	LB A/A	PRE											
6	AATREX-DF	90	DF	1.25	LB A/A	PRE											
7	BALANCE	75	WG	1.88	OZ A/A	PRE	0	0	0	93	87	0	93	93	0	93	93
7	DUAL II	7.8	EC	1	LB A/A	PRE											
7	AATREX-DF	90	DF	1.25	LB A/A	PRE											
8	DUAL II	7.8	EC	2	LB A/A	PRE	0	0	0	93	82	0	93	88	0	93	88
8	AATREX-DF	90	DF	1.25	LB A/A	PRE											
9	DUAL II	7.8	EC	2	LB A/A	PRE	0	0	0	93	92	0	93	95	0	93	95
9	AATREX-DF	90	DF	2	LB A/A	PRE											
10	BALANCE	75	WG	1.5	OZ A/A	PRE	0	0	0	93	63	0	93	67	0	93	67
10	DUAL II	7.8	EC	1	LB A/A	PRE											
11	BICEP II	5.9	F	3.6	LB A/A	PRE	0	0	0	93	85	0	93	92	0	93	92
12	Weedy Check						0	0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						0.0	0.0	0.0	6.9	14.8	0.0	6.5	17.6	0.0	6.5	17.6
	Standard Deviation						0.0	0.0	0.0	4.1	8.7	0.0	3.9	10.4	0.0	3.9	10.4
	CV						.	.	.	4.85	12.14	.	4.6	13.47	.	4.6	13.47

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CORN PREEMERGENCE II

Trial ID: 96J130 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON, **State/Prov.:** KY. **Postal Code:** 42445

Crop 1: ZEAMX **Variety:** PIONEER 3279 **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 25,000 P/A **Depth:** 1.5 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 68 F **Soil Moisture:** ABOVE NORMAL **Emergence Date:** 6-13-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 44 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2 **% Sand:** 25 **% Silt:** 47 **% Clay:** 28
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-5-96					
Time of Day:	3PM					
Application Method:	BROADCAST					
Application Timing:	PRE					
Applic. Placement:	SURFACE					
Air Temp., Unit:	77 F					
% Relative Humidity:	85					
Wind Velocity, Unit:	3.4 MPH					
Soil Temp., Unit:	72 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	20					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	24 GPA					
Propellant:	CO2					

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SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
1	FRONTIER	6	E	1.2	LB A/A	PRE	93	80	10	93	73	97	100	93
1	AUTHORITY	75	DF	.375	LB A/A	PRE								
2	FRONTIER	6	E	1.2	LB A/A	PRE	90	88	0	90	87	97	80	100
2	PURSUIT	70	DF	.063	LB A/A	PRE								
3	FRONTIER	6	E	1.2	LB A/A	PRE	93	88	0	97	97	97	87	100
3	PURSUIT	70	DF	.063	LB A/A	MP								
3	SUNIT		L	.75	QT/A	MP								
3	LIQUID N		L	1	QT/A	MP								
4	FIRSTRATE	84	W	.031	LB A/A	PRE	88	87	0	93	93	97	80	100
4	PROWL	3.3	EC	1.24	LB A/A	PRE								
5	FIRSTRATE	84	W	.039	LB A/A	PRE	87	85	0	90	90	97	73	97
5	PROWL	3.3	EC	1.24	LB A/A	PRE								
6	BROADSTRIKE + DUAL S	7.75	SC	1.93	LB A/A	PRE	88	77	0	92	72	100	70	100
7	BROADSTRIKE + DUAL S	7.75	SC	1.93	LB A/A	PRE	93	93	0	93	100	100	92	100
7	FIRSTRATE	84	W	.016	LB A/A	MP								
7	COC		L	1.2	QT/A	MP								
8	BROADSTRIKE + DUAL S	7.75	SC	1.93	LB A/A	PRE	90	95	0	90	97	100	97	100
8	FIRSTRATE	84	W	.016	LB A/A	MP								
8	FLUMETSULAM	80	WG	.006	LB A/A	MP								
8	COC		L	1.2	QT/A	MP								
9	BROADSTRIKE + DUAL S	7.75	SC	1.93	LB A/A	PRE	87	95	0	87	97	100	90	100
9	CLASSIC	25	DF	.008	LB A/A	MP								
9	ACTIVATOR 90			.25	% V/V	MP								
10	PROWL	3.3	EC	1.24	LB A/A	PRE	87	92	0	93	97	100	87	100
10	FIRSTRATE	84	W	.016	LB A/A	MP								
10	COC		L	1.2	QT/A	MP								
11	PROWL	3.3	EC	1.24	LB A/A	PRE	92	95	0	93	93	97	93	100
11	FIRSTRATE	84	W	.016	LB A/A	MP								
11	FLUMETSULAM	80	WG	.006	LB A/A	MP								
11	COC		L	1.2	QT/A	MP								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
12	PROWL	3.3	EC	1.24	LB A/A	PRE	77	82	0	87	82	100	83	100
12	CLASSIC	25	DF	.008	LB A/A	MP								
12	ACTIVATOR 90			.25	% V/V	MP								
13	MON 7779	3.8	ME	3	LB A/A	PRE	97	43	0	97	53	87	37	90
14	MICRO-TECH	4	SL	2.57	LB A/A	PRE	85	40	0	92	60	77	53	87
14	COMMAND	3	ME	.43	LB A/A	PRE								
15	DETAIL	4.1	EC	1.03	LB A/A	PRE	93	88	0	95	87	90	80	100
16	AXIOM	68	DF	.77	LB A/A	PRE	97	82	0	100	77	100	77	100
16	CANOPY	75	DF	.28	LB A/A	PRE								
17	AXIOM	68	DF	.77	LB A/A	PRE	97	77	17	100	73	97	97	100
17	AUTHORITY	75	DF	.375	LB A/A	PRE								
18	DUAL II	7.8	EC	2	LB A/A	PRE	83	53	0	90	57	83	57	93
18	CGA 277476	75	WG	.0056	LB A/A	MP								
18	ACTIVATOR 90			.25	% V/V	MP								
19	DUAL II	7.8	EC	2	LB A/A	PRE	93	65	0	93	80	93	57	90
19	CGA 277476	75	WG	.0056	LB A/A	MP								
19	CGA 248757	4.75	WP	.0036	LB A/A	MP								
19	ACTIVATOR 90			.25	% V/V	MP								
19	LIQUID N		L	1	QT/A	MP								
20	DUAL II	7.8	EC	2	LB A/A	PRE	97	67	0	97	88	83	60	90
20	CGA 248757	4.75	WP	.0045	LB A/A	MP								
20	ACTIVATOR 90			.25	% V/V	MP								
20	LIQUID N		L	1	QT/A	MP								
21	CANOPY	75	DF	.28	LB A/A	PRE	93	88	3	93	93	97	87	97
21	CLASSIC	25	DF	.008	LB A/A	MP								
21	ACTIVATOR 90			.25	% V/V	MP								
22	CANOPY	75	DF	.28	LB A/A	PRE	100	77	0	100	87	100	63	93
22	ASSURE II	0.8	EC	.05	LB A/A	MP								
22	COC		L	1	QT/A	MP								

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SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
23	CLASSIC	25	DF	.008	LB A/A	MP	60	77	3	72	90	73	80	97
23	COBRA	2	EC	.04	LB A/A	MP								
23	COC		L	.5	QT/A	MP								
23	LIQUID N		L	1	QT/A	MP								
24	AUTHORITY	75	DF	.375	LB A/A	PRE	88	65	0	97	53	100	83	97
24	COMMAND	3	ME	.75	LB A/A	PRE								
25	AUTHORITY	75	DF	.375	LB A/A	PRE	97	82	13	97	80	97	97	100
25	SENCOR	75	DF	.225	LB A/A	PRE								
25	DUAL II	7.8	EC	2	LB A/A	PRE								
26	AUTHORITY	75	DF	.23	LB A/A	PRE	92	95	3	93	90	100	100	100
26	F6025	25	DF	.046	LB A/A	PRE								
27	PROWL	3.3	EC	1.24	LB A/A	PRE	97	85	0	97	97	93	80	100
27	PURSUIT	70	DF	.063	LB A/A	MP								
27	SUNIT		L	.75	QT/A	MP								
27	LIQUID N		L	1	QT/A	MP								
28	PROWL	3.3	EC	1.24	LB A/A	PRE	90	88	3	90	88	100	83	100
28	PURSUIT	70	DF	.063	LB A/A	MP								
28	STATUS	2	EC	.156	LB A/A	MP								
28	SUNIT		L	.75	QT/A	MP								
28	LIQUID N		L	1	QT/A	MP								
29	PROWL	3.3	EC	1.24	LB A/A	PRE	92	87	7	92	97	100	80	100
29	RAPTOR	1	E	.032	LB A/A	MP								
29	SUNIT		L	.75	QT/A	MP								
29	LIQUID N		L	1	QT/A	MP								
30	PROWL	3.3	EC	1.24	LB A/A	PRE	95	93	7	95	93	100	93	100
30	RAPTOR	1	E	.04	LB A/A	MP								
30	SUNIT		L	.75	QT/A	MP								
30	LIQUID N		L	1	QT/A	MP								
31	PROWL	3.3	EC	1.24	LB A/A	PRE	90	87	7	90	93	87	90	100
31	RAPTOR	1	E	.032	LB A/A	MP								
31	STATUS	2	EC	.156	LB A/A	MP								
31	SUNIT		L	.75	QT/A	MP								
31	LIQUID N		L	1	QT/A	MP								

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SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
32	PROWL	3.3	EC	1.24	LB A/A	PRE	88	92	7	92	100	90	97	100
32	RAPTOR	1	E	.04	LB A/A	MP								
32	STATUS	2	EC	.156	LB A/A	MP								
32	SUNIT		L	.75	QT/A	MP								
32	LIQUID N		L	1	QT/A	MP								
33	PROWL	3.3	EC	1.24	LB A/A	PRE	92	88	3	92	90	100	73	100
33	PURSUIT	70	DF	.063	LB A/A	MP								
33	PINNACLE	25	DF	.002	LB A/A	MP								
33	SUNIT		L	.75	QT/A	MP								
33	LIQUID N		L	1	QT/A	MP								
34	CONCLUDE XTRA		E	.88	LB A/A	MP	82	90	0	85	97	100	90	100
35	RESOURCE	.86	EC	.027	LB A/A	MP	95	85	0	97	97	80	80	100
35	REFLEX	2	EC	.25	LB A/A	MP								
35	SUNIT		L	1	QT/A	MP								
35	LIQUID N		L	1	QT/A	MP								
35	SELECT	2	EC	.094	LB A/A	+2W								
35	COC		L	1	QT/A	+2W								
36	RESOURCE	.86	EC	.027	LB A/A	MP	90	85	0	90	90	87	77	100
36	CLASSIC	25	DF	.008	LB A/A	MP								
36	PINNACLE	25	DF	.0016	LB A/A	MP								
36	SUNIT		L	1	QT/A	MP								
36	LIQUID N		L	1	QT/A	MP								
36	SELECT	2	EC	.094	LB A/A	+2W								
36	COC		L	1	QT/A	+2W								
37	COBRA	2	EC	.125	LB A/A	MP	88	70	3	88	93	47	50	100
37	COC		L	.5	QT/A	MP								
37	SELECT	2	EC	.094	LB A/A	+2W								
37	COC		L	1	QT/A	+2W								
38	STELLAR	3.10	EC	.17	LB A/A	MP	93	62	0	93	93	63	57	97
38	COC		L	.5	QT/A	MP								
38	SELECT	2	EC	.094	LB A/A	+2W								
38	COC		L	1	QT/A	+2W								

Dept. of Agronomy, Univ. of KY
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SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Weed Code						GGGG	BBBB	GLYMA	DIGSA	AMBTR	CHEAL	IPOHE	XANST
	Crop Code													
	Part Rated													
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date													
	Footnote Number													
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0
39	REFLEX	2	EC	.375	LB A/A	MP	97	80	0	100	83	90	83	100
39	FUSION	2.66	EC	.2	LB A/A	MP								
39	COC		L	1	QT/A	MP								
39	LIQUID N		L	1	QT/A	MP								
40	FLEXSTAR	1.88	ME	.375	LB A/A	MP	92	82	3	92	97	63	80	100
40	FUSION	2.66	EC	.2	LB A/A	MP								
40	COC		L	1	QT/A	MP								
40	LIQUID N		L	1	QT/A	MP								
41	REFLEX	2	EC	.375	LB A/A	MP	93	85	0	97	97	83	67	100
41	TWISTER	1.82	CS	.5	LB A/A	MP								
41	COC		L	1	QT/A	MP								
41	LIQUID N		L	1	QT/A	MP								
	LSD (P=.05)						10.1	17.1	10.8	9.8	19.9	19.2	15.0	8.4
	Standard Deviation						6.2	10.5	6.6	6.0	12.2	11.7	9.2	5.2
	CV						6.82	12.94	300.52	6.48	14.06	12.87	11.59	5.27

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHALRES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.DIGSA 2.AMBTR 3.CHEAL
4.IPOHE 5.XANST

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 76 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON FARM **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-9-96			
Time of Day:	1 PM	11 AM	11 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	MP + 2WK			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	62 F	64 F	80 F			
% Relative Humidity:	90	80	75			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	74 F	78 F	78 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP	MP + 2WK			
		1 TR	3 TR			
		8 IN	14 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE

Trial ID: S6112 Investigator:
Location: PRINCETON, KY Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
DIGSA		4 LVS				
		4 IN				
AMBTR		4-6 LVS				
		2-4 IN				
CHEAL		5-6 LVS				
		2-3 IN				
IPOHE		3 LVS				
		4 IN				
XANST		5 LVS				
		4 IN				

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETVI	AMBTR	GGGG	BBBB	GLYMA	SETVI	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETVI	AMBTR	GGGG	BBBB	GLYMA	SETVI	AMBTR
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	99	89	8	99	89	99	93	0	99	93
1	PURSUIT	70	DF	.063	LB A/A	12J										
1	ACTIVATOR 90			.25	% V/V	12J										
1	LIQUID N		L	1	QT/A	12J										
2	POAST PLUS	1	E	.19	LB A/A	18J	68	90	7	68	90	85	92	0	68	92
2	GALAXY	3.67	EC	.92	LB A/A	18J										
2	COC		L	.5	QT/A	18J										
2	LIQUID N		L	1	QT/A	18J										
3	ASSURE II	0.8	EC	.05	LB A/A	18J	63	75	13	63	68	80	80	0	63	80
3	CLASSIC	25	DF	.008	LB A/A	18J										
3	PINNACLE	25	DF	.002	LB A/A	18J										
3	COC		L	1	QT/A	18J										
3	LIQUID N		L	1	QT/A	18J										
4	PURSUIT	70	DF	.063	LB A/A	18J	88	75	2	88	75	95	95	0	88	95
4	POAST PLUS	1	E	.19	LB A/A	18J										
4	ACTIVATOR 90			.25	% V/V	18J										
4	LIQUID N		L	2.5	QT/A	18J										
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	12J	98	93	0	98	93	99	95	0	98	95
6	ROUNDUP ULTRA	4	AS	1	LB A/A	12J	99	99	0	99	99	99	99	0	99	99
7	ROUNDUP ULTRA	4	AS	1	LB A/A	18J	99	89	0	99	89	99	98	0	99	98
8	ROUNDUP	4	AS	1	LB A/A	18J	99	88	0	99	88	99	98	0	99	98
8	ACTIVATOR 90			.5	% V/V	18J										
9	ROUNDUP ULTRA	4	AS	1.5	LB A/A	18J	98	98	3	98	98	98	98	0	98	98
10	PURSUIT	70	DF	.063	LB A/A	18J	80	86	8	80	86	88	93	0	80	93
10	COBRA	2	EC	.094	LB A/A	18J										
10	SELECT	2	EC	.125	LB A/A	18J										
10	COC		L	.5	QT/A	18J										
11	TORNADO	1.75	L	.44	LB A/A	18J	95	83	5	95	83	95	96	0	95	96
12	CONCLUDE XTRA		E	.88	LB A/A	18J	96	88	5	96	88	98	91	0	96	91

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETVI	AMBTR	GGGG	BBBB	GLYMA	SETVI	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETVI	AMBTR	GGGG	BBBB	GLYMA	SETVI	AMBTR
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
13	SQUADRON	2.33	EC	.44	LB A/A	PRE	99	96	0	69	96	98	98	0	69	98
13	ROUNDUP ULTRA	4	AS	1	LB A/A	18J										
14	SQUADRON	2.33	EC	.87	LB A/A	PRE	99	99	0	99	99	99	99	0	99	99
15	SQUADRON	2.33	EC	.87	LB A/A	PRE	99	99	0	99	99	99	99	0	99	99
15	PROWL	3.3	EC	.25	LB A/A	PRE										
16	CANOPY	75	DF	.375	LB A/A	PRE	99	98	0	99	98	99	99	0	99	99
16	ROUNDUP ULTRA	4	AS	1	LB A/A	18J										
17	Weedy Check						0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						13.9	19.8	5.4	25.5	18.6	9.9	9.3	0.0	25.5	9.3
	Standard Deviation						8.3	11.9	3.2	15.3	11.1	5.9	5.6	0.0	15.3	5.6
	CV						9.59	13.95	105.88	17.95	13.16	6.59	6.26	.	17.95	6.26

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETVI	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETVI	AMBTR
	Crop Code										
	Part Rated										
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	99	93	0	99	93
1	PURSUIT	70	DF	.063	LB A/A	12J					
1	ACTIVATOR 90			.25	% V/V	12J					
1	LIQUID N		L	1	QT/A	12J					
2	POAST PLUS	1	E	.19	LB A/A	18J	85	92	0	68	92
2	GALAXY	3.67	EC	.92	LB A/A	18J					
2	COC		L	.5	QT/A	18J					
2	LIQUID N		L	1	QT/A	18J					
3	ASSURE II	0.8	EC	.05	LB A/A	18J	80	80	0	63	80
3	CLASSIC	25	DF	.008	LB A/A	18J					
3	PINNACLE	25	DF	.002	LB A/A	18J					
3	COC		L	1	QT/A	18J					
3	LIQUID N		L	1	QT/A	18J					
4	PURSUIT	70	DF	.063	LB A/A	18J	95	95	0	88	95
4	POAST PLUS	1	E	.19	LB A/A	18J					
4	ACTIVATOR 90			.25	% V/V	18J					
4	LIQUID N		L	2.5	QT/A	18J					
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	12J	99	95	0	98	95
6	ROUNDUP ULTRA	4	AS	1	LB A/A	12J	99	99	0	99	99
7	ROUNDUP ULTRA	4	AS	1	LB A/A	18J	99	98	0	99	98
8	ROUNDUP	4	AS	1	LB A/A	18J	99	98	0	99	98
8	ACTIVATOR 90			.5	% V/V	18J					
9	ROUNDUP ULTRA	4	AS	1.5	LB A/A	18J	98	98	0	98	98
10	PURSUIT	70	DF	.063	LB A/A	18J	88	93	0	80	93
10	COBRA	2	EC	.094	LB A/A	18J					
10	SELECT	2	EC	.125	LB A/A	18J					
10	COC		L	.5	QT/A	18J					
11	TORNADO	1.75	L	.44	LB A/A	18J	95	96	0	95	96
12	CONCLUDE XTRA		E	.88	LB A/A	18J	98	91	0	96	91
13	SQUADRON	2.33	EC	.44	LB A/A	PRE	98	98	0	69	98
13	ROUNDUP ULTRA	4	AS	1	LB A/A	18J					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETVI	AMBTR
	Weed Code						GGGG	BBBB	GLYMA	SETVI	AMBTR
	Crop Code										
	Part Rated										
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date										
	Footnote Number										
	Trt-Eval Interval						8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
14	SQUADRON	2.33	EC	.87	LB A/A	PRE	99	99	0	99	99
15	SQUADRON	2.33	EC	.87	LB A/A	PRE	99	99	0	99	99
15	PROWL	3.3	EC	.25	LB A/A	PRE					
16	CANOPY	75	DF	.375	LB A/A	PRE	99	99	0	99	99
16	ROUNDUP ULTRA	4	AS	1	LB A/A	18J					
17	Weedy Check						0	0	0	0	0
	LSD (P=.05)						9.9	9.3	0.0	25.5	9.3
	Standard Deviation						5.9	5.6	0.0	15.3	5.6
	CV						6.59	6.26	.	17.95	6.26

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SETVI **2.**AMBTR

Crop 1: GLYMA **Variety:** AG 4701 **Planting Date:** 6-5-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 76 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON FARM **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-9-96			
Time of Day:	10 AM	11 AM	10 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	12"J	18"J			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	56 F	64 F	70 F			
% Relative Humidity:	90	80	75			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	75 F	78 F	76 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		12"J	18"J			
		1 TR	3 TR			
		8 IN	13 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETVI		4 LVS	6 LVS			
		4 IN	6-8 IN			
AMBTR		5 LVS	8 LVS			
		6 IN	9 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (ROUNDUP READY)

Trial ID: S6120 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETVI	AMBTR	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETVI	AMBTR	IPOHE	SIDSP
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	SYNCHRONY STS	25	DF	.013	LB A/A	MP	100	92	0	100	93	92	88
1	COC		L	1	QT/A	MP							
1	LIQUID N		L	2	QT/A	MP							
1	ASSURE II	0.8	EC	.055	LB A/A	+7D							
1	COC		L	1	QT/A	+7D							
2	SYNCHRONY STS	25	DF	.013	LB A/A	MP	100	95	0	100	100	97	92
2	ASSURE II	0.8	EC	.055	LB A/A	MP							
2	COC		L	1	QT/A	MP							
2	LIQUID N		L	2	QT/A	MP							
3	SYNCHRONY STS	25	DF	.013	LB A/A	MP	95	97	0	95	98	97	93
3	COBRA	2	EC	.063	LB A/A	MP							
3	COC		L	1	QT/A	MP							
3	ASSURE II	0.8	EC	.055	LB A/A	+7D							
3	COC		L	1	QT/A	+7D							
4	SYNCHRONY STS	25	DF	.013	LB A/A	MP	93	92	0	93	98	92	93
4	ASSURE II	0.8	EC	.055	LB A/A	MP							
4	COBRA	2	EC	.063	LB A/A	MP							
4	COC		L	1	QT/A	MP							
5	SYNCHRONY STS	25	DF	.013	LB A/A	MP	93	95	0	95	97	100	95
5	STELLAR	3.10	EC	.04	LB A/A	MP							
5	COC		L	1	QT/A	MP							
5	ASSURE II	0.8	EC	.055	LB A/A	+7D							
5	COC		L	1	QT/A	+7D							
6	SYNCHRONY STS	25	DF	.013	LB A/A	MP	98	95	0	97	98	90	98
6	STELLAR	3.10	EC	.08	LB A/A	MP							
6	COC		L	1	QT/A	MP							
6	ASSURE II	0.8	EC	.055	LB A/A	+7D							
6	COC		L	1	QT/A	+7D							
	LSD (P=.05)						5.0	7.4	0.0	6.4	6.0	8.1	7.8
	Standard Deviation						2.7	4.1	0.0	3.5	3.3	4.4	4.3
	CV						2.83	4.34	.	3.66	3.38	4.7	4.59

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETVI	AMBTR	IPOHE	SIDSP	GLYMA	SETVI	AMBTR	IPOHE	SIDSP
	Weed Code						GLYMA	SETVI	AMBTR	IPOHE	SIDSP	GLYMA	SETVI	AMBTR	IPOHE	SIDSP
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	93	97	90	83	0	93	97	90	83
1	COC		L	1	QT/A	MP										
1	LIQUID N		L	2	QT/A	MP										
1	ASSURE II	0.8	EC	.055	LB A/A	+7D										
1	COC		L	1	QT/A	+7D										
2	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	100	93	90	87	0	100	93	90	87
2	ASSURE II	0.8	EC	.055	LB A/A	MP										
2	COC		L	1	QT/A	MP										
2	LIQUID N		L	2	QT/A	MP										
3	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	100	90	90	90	0	100	90	90	90
3	COBRA	2	EC	.063	LB A/A	MP										
3	COC		L	1	QT/A	MP										
3	ASSURE II	0.8	EC	.055	LB A/A	+7D										
3	COC		L	1	QT/A	+7D										
4	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	90	97	87	90	0	90	97	87	90
4	ASSURE II	0.8	EC	.055	LB A/A	MP										
4	COBRA	2	EC	.063	LB A/A	MP										
4	COC		L	1	QT/A	MP										
5	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	100	93	87	90	0	100	93	87	90
5	STELLAR	3.10	EC	.04	LB A/A	MP										
5	COC		L	1	QT/A	MP										
5	ASSURE II	0.8	EC	.055	LB A/A	+7D										
5	COC		L	1	QT/A	+7D										
6	SYNCHRONY STS	25	DF	.013	LB A/A	MP	0	97	97	90	90	0	97	97	90	90
6	STELLAR	3.10	EC	.08	LB A/A	MP										
6	COC		L	1	QT/A	MP										
6	ASSURE II	0.8	EC	.055	LB A/A	+7D										
6	COC		L	1	QT/A	+7D										
	LSD (P=.05)						0.0	10.5	11.3	5.4	5.8	0.0	10.5	11.3	5.4	5.8
	Standard Deviation						0.0	5.8	6.2	3.0	3.2	0.0	5.8	6.2	3.0	3.2
	CV						.	5.97	6.6	3.35	3.58	.	5.97	6.6	3.35	3.58

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SETVI **2.**AMBTR **3.**IPOHE
4.SIDSP

Crop 1: GLYMA **Variety:** A4045 **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 76 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-2-96			
Time of Day:	10 AM	11 AM	10 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	MP + 7D			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	56 F	64 F	76 F			
% Relative Humidity:	90	80	87			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	75 F	78 F	82 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP	MP + 7D			
		1 TR	2 TR			
		8 IN	10 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (STS)

Trial ID: S6125 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETVI		4 LVS	5 LVS			
		5 IN	7 IN			
AMBTR		5 LVS	6 LVS			
		4 IN	9 IN			
IPOHE		4 LVS	7 LVS			
		5 IN	10 IN			
SIDSP		4 LVS	6 LVS			
		3 IN	7 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6134 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.27	LB A/A	MP	100	95	0	100	97	97	97
1	LIBERTY	1.67	E	.27	LB A/A	+2W							
2	LIBERTY	1.67	E	.27	LB A/A	MP	98	93	0	100	98	92	98
2	CHOICE		L	1	QT/A	MP							
2	LIBERTY	1.67	E	.27	LB A/A	+2W							
2	CHOICE		L	1	QT/A	+2W							
3	LIBERTY	1.67	E	.36	LB A/A	MP	98	97	0	97	100	95	97
4	LIBERTY	1.67	E	.36	LB A/A	MP	93	97	0	92	97	92	97
4	CHOICE		L	1	QT/A	MP							
5	LIBERTY	1.67	E	.36	LB A/A	MP	98	97	0	98	70	95	100
5	LIBERTY	1.67	E	.36	LB A/A	+2W							
6	LIBERTY	1.67	E	.36	LB A/A	MP	95	93	0	95	93	93	95
6	CHOICE		L	1	QT/A	MP							
6	LIBERTY	1.67	E	36	LB A/A	+2W							
6	CHOICE		L	1	QT/A	+2W							
7	LIBERTY	1.67	E	.36	LB A/A	MP	100	98	0	100	100	97	98
7	LIBERTY	1.67	E	.27	LB A/A	+2W							
8	LIBERTY	1.67	E	.36	LB A/A	MP	98	98	0	100	100	93	100
8	CHOICE		L	1	QT/A	MP							
8	LIBERTY	1.67	E	.27	LB A/A	+2W							
8	CHOICE		L	1	QT/A	+2W							
9	LIBERTY	1.67	E	.36	LB A/A	MP	98	98	0	100	100	95	98
9	LIBERTY	1.67	E	.2	LB A/A	+2W							
10	SENCOR	75	DF	.375	LB A/A	PRE	97	97	0	97	97	97	98
10	LIBERTY	1.67	E	.36	LB A/A	MP							
11	SENCOR	75	DF	.375	LB A/A	PRE	95	95	0	95	100	95	100
11	LIBERTY	1.67	E	.36	LB A/A	MP							
11	CHOICE		L	1	QT/A	MP							
12	PROWL	3.3	EC	1.5	LB A/A	PRE	92	47	0	93	40	98	93

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6134 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Weed Code						GGGG	BBBB	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Crop Code												
	Part Rated												
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date												
	Footnote Number												
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS
	PRM Data Type						P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0
13	PURSUIT	70	DF	.063	LB A/A	MP	98	90	0	92	93	93	98
13	COC		L	.5	QT/A	MP							
13	LIQUID N		L	1	QT/A	MP							
14	PROWL	3.3	EC	1.5	LB A/A	PRE	98	98	0	100	95	98	100
14	LIBERTY	1.67	E	.36	LB A/A	MP							
15	PROWL	3.3	EC	1.5	LB A/A	PRE	100	93	0	98	93	97	98
15	LIBERTY	1.67	E	.36	LB A/A	MP							
15	CHOICE		L	1	QT/A	MP							
16	LIBERTY	1.67	E	.36	LB A/A	MP	83	93	0	85	92	98	100
16	CHOICE		L	1	QT/A	MP							
16	NON-TRANSFORMED												
	LSD (P=.05)						6.8	16.1	0.0	9.7	27.9	6.4	6.7
	Standard Deviation						4.1	9.7	0.0	5.8	16.7	3.8	4.0
	CV						4.24	10.47	.	6.02	18.26	4.01	4.11

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6134 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFI	AMBTR	IPOHE	SIDSP	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Weed Code						GLYMA	SETFI	AMBTR	IPOHE	SIDSP	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	LIBERTY	1.67	E	.27	LB A/A	MP	0	97	98	97	98	0	97	98	97	98
1	LIBERTY	1.67	E	.27	LB A/A	+2W										
2	LIBERTY	1.67	E	.27	LB A/A	MP	0	98	98	93	98	0	98	98	93	98
2	CHOICE		L	1	QT/A	MP										
2	LIBERTY	1.67	E	.27	LB A/A	+2W										
2	CHOICE		L	1	QT/A	+2W										
3	LIBERTY	1.67	E	.36	LB A/A	MP	0	97	100	97	98	0	97	100	97	98
4	LIBERTY	1.67	E	.36	LB A/A	MP	0	92	100	95	97	0	92	100	95	97
4	CHOICE		L	1	QT/A	MP										
5	LIBERTY	1.67	E	.36	LB A/A	MP	0	97	70	93	100	0	97	70	93	100
5	LIBERTY	1.67	E	.36	LB A/A	+2W										
6	LIBERTY	1.67	E	.36	LB A/A	MP	0	98	98	97	100	0	98	98	97	100
6	CHOICE		L	1	QT/A	MP										
6	LIBERTY	1.67	E	36	LB A/A	+2W										
6	CHOICE		L	1	QT/A	+2W										
7	LIBERTY	1.67	E	.36	LB A/A	MP	0	100	98	93	98	0	100	98	93	98
7	LIBERTY	1.67	E	.27	LB A/A	+2W										
8	LIBERTY	1.67	E	.36	LB A/A	MP	0	100	100	95	100	0	100	100	95	100
8	CHOICE		L	1	QT/A	MP										
8	LIBERTY	1.67	E	.27	LB A/A	+2W										
8	CHOICE		L	1	QT/A	+2W										
9	LIBERTY	1.67	E	.36	LB A/A	MP	0	97	100	93	100	0	97	100	93	100
9	LIBERTY	1.67	E	.2	LB A/A	+2W										
10	SENCOR	75	DF	.375	LB A/A	PRE	0	97	95	97	100	0	97	95	97	100
10	LIBERTY	1.67	E	.36	LB A/A	MP										
11	SENCOR	75	DF	.375	LB A/A	PRE	0	98	100	93	100	0	98	100	93	100
11	LIBERTY	1.67	E	.36	LB A/A	MP										
11	CHOICE		L	1	QT/A	MP										
12	PROWL	3.3	EC	1.5	LB A/A	PRE	0	90	37	98	93	0	90	37	98	93

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6134 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GLYMA	SETFI	AMBTR	IPOHE	SIDSP	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Weed Code						GLYMA	SETFI	AMBTR	IPOHE	SIDSP	GLYMA	SETFI	AMBTR	IPOHE	SIDSP
	Crop Code															
	Part Rated															
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS	8 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
13	PURSUIT	70	DF	.063	LB A/A	MP	0	87	93	92	98	0	87	93	92	98
13	COC		L	.5	QT/A	MP										
13	LIQUID N		L	1	QT/A	MP										
14	PROWL	3.3	EC	1.5	LB A/A	PRE	0	100	97	97	100	0	100	97	97	100
14	LIBERTY	1.67	E	.36	LB A/A	MP										
15	PROWL	3.3	EC	1.5	LB A/A	PRE	0	100	93	92	100	0	100	93	92	100
15	LIBERTY	1.67	E	.36	LB A/A	MP										
15	CHOICE		L	1	QT/A	MP										
16	LIBERTY	1.67	E	.36	LB A/A	MP	0	85	97	95	97	0	85	97	95	97
16	CHOICE		L	1	QT/A	MP										
16	NON-TRANSFORMED															
	LSD (P=.05)						0.0	7.7	26.2	5.1	5.7	0.0	7.7	26.2	5.1	5.7
	Standard Deviation						0.0	4.6	15.7	3.1	3.4	0.0	4.6	15.7	3.1	3.4
	CV						.	4.82	17.03	3.25	3.48	.	4.82	17.03	3.25	3.48

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6134 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SETFI 2.AMBTR 3.IPOHE
4.SIDSP

Crop 1: GLYMA **Variety:** LIBERTY LINK **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 76 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-9-96			
Time of Day:	10:30 AM	11:30 AM	10:30 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	MP	MP + 2WK			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	56 F	65 F	72 F			
% Relative Humidity:	90	80	75			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	76 F	78 F	77 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		MP	MP + 2WK			
		1 TR	3 TR			
		8 IN	15 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE (LIBERTY)

Trial ID: S6134 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFI		5 LVS	7 LVS			
		6 IN	9 IN			
AMBTR		6 LVS	8 LVS			
		5 IN	7 IN			
IPOHE		5 LVS	7 LVS			
		6 IN	10 IN			
SIDSP		4 LVS	6 LVS			
		4 IN	7 IN			

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE JOHNSONGRASS (ROUNDUP READY)

Trial ID: S6120-2 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SORHA	DIGSA	PHBPU	GLYMA	SORHA	DIGSA	PHBPU
	Weed Code						GGGG	BBBB	GLYMA	SORHA	DIGSA	PHBPU	GLYMA	SORHA	DIGSA	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
1	PROWL	3.3	EC	1.24	LB A/A	PRE	97	90	7	97	97	90	0	97	97	87
1	PURSUIT	70	DF	.063	LB A/A	12J										
1	ACTIVATOR 90			.25	% V/V	12J										
1	LIQUID N		L	1	QT/A	12J										
2	POAST PLUS	1	E	.19	LB A/A	18J	80	90	20	80	80	90	0	88	78	90
2	GALAXY	3.67	EC	.92	LB A/A	18J										
2	COC		L	.5	QT/A	18J										
2	LIQUID N		L	1	QT/A	18J										
3	ASSURE II	0.8	EC	.05	LB A/A	18J	73	83	40	73	73	83	0	87	70	87
3	CLASSIC	25	DF	.008	LB A/A	18J										
3	PINNACLE	25	DF	.002	LB A/A	18J										
3	COC		L	1	QT/A	18J										
3	LIQUID N		L	1	QT/A	18J										
4	PURSUIT	70	DF	.063	LB A/A	18J	73	73	17	73	73	73	0	85	78	77
4	POAST PLUS	1	E	.19	LB A/A	18J										
4	ACTIVATOR 90			.25	% V/V	18J										
4	LIQUID N		L	2.5	QT/A	18J										
5	ROUNDUP ULTRA	4	AS	.75	LB A/A	12J	90	87	0	90	93	87	0	95	97	88
6	ROUNDUP ULTRA	4	AS	1	LB A/A	12J	100	87	0	100	100	87	0	100	100	88
7	ROUNDUP ULTRA	4	AS	1	LB A/A	18J	87	90	0	87	87	90	0	90	90	88
8	ROUNDUP	4	AS	1	LB A/A	18J	87	83	0	87	87	83	0	90	92	90
8	ACTIVATOR 90			.5	% V/V	18J										
9	ROUNDUP ULTRA	4	AS	1.5	LB A/A	18J	90	83	0	90	90	83	0	94	95	90
10	PURSUIT	70	DF	.063	LB A/A	18J	73	80	20	73	77	80	0	83	92	83
10	COBRA	2	EC	.094	LB A/A	18J										
10	SELECT	2	EC	.125	LB A/A	18J										
10	COC		L	.5	QT/A	18J										
11	TORNADO	1.75	L	.44	LB A/A	18J	83	90	0	83	87	90	0	90	90	90
12	CONCLUDE XTRA		E	.88	LB A/A	18J	80	83	7	80	80	83	0	88	84	83

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE JOHNSONGRASS (ROUNDUP READY)

Trial ID: S6120-2 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	GGGG	BBBB	GLYMA	SORHA	DIGSA	PHBPU	GLYMA	SORHA	DIGSA	PHBPU
	Weed Code						GGGG	BBBB	GLYMA	SORHA	DIGSA	PHBPU	GLYMA	SORHA	DIGSA	PHBPU
	Crop Code															
	Part Rated															
	Rating Data Type						CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL	INJURY	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date															
	Footnote Number															
	Trt-Eval Interval						2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	2 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P	P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0	0	0	0	0	0
13	SQUADRON	2.33	EC	.44	LB A/A	PRE	100	90	0	100	100	90	0	100	100	92
13	ROUNDUP ULTRA	4	AS	1	LB A/A	18J										
14	SQUADRON	2.33	EC	.87	LB A/A	PRE	90	90	0	90	93	90	0	88	93	90
15	SQUADRON	2.33	EC	.87	LB A/A	PRE	90	87	0	90	90	87	0	92	90	88
15	PROWL	3.3	EC	.25	LB A/A	PRE										
16	CANOPY	75	DF	.375	LB A/A	PRE	97	90	0	97	97	90	0	97	97	93
16	ROUNDUP ULTRA	4	AS	1	LB A/A	18J										
17	Weedy Check						0	0	0	0	0	0	0	0	0	0
	LSD (P=.05)						8.8	9.9	3.8	8.8	8.6	9.9	0.0	6.3	7.0	7.3
	Standard Deviation						5.3	5.9	2.3	5.3	5.2	5.9	0.0	3.8	4.2	4.4
	CV						6.44	7.3	35.06	6.44	6.25	7.3	.	4.38	4.95	5.29

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE JOHNSONGRASS (ROUNDUP READY)

Trial ID: S6120-2 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA **2.**DIGSA **3.**PHBPU

Crop 1: GLYMA **Variety:** AG 5601 **Planting Date:** 6-5-96
Planting Method: DRILLED **Rate:** 3 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 8 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 74 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 6.33 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LAOM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-5-96	6-26-96	7-9-96			
Time of Day:	10 AM	11 AM	10 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	12"J	18"J			
Applic. Placement:	SURFACE	FOLIAR	FOLIAR			
Air Temp., Unit:	56 F	64 F	70 F			
% Relative Humidity:	90	80	75			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	75 F	78 F	76 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
GLYMA		12"J	18"J			
		1 TR	3 TR			
		8 IN	13 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SORHA		6 LVS	8 LVS			
		12 IN	18 IN			
DIGSA		4 LVS	7 LVS			
		5 IN	9 IN			
PHBPU		4 LVS	6 LVS			
		5 IN	9 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN POSTEMERGENCE JOHNSONGRASS (ROUNDUP READY)

Trial ID: S6120-2 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S5135 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	SORHA CONTROL PERCENT 2 WEEKS P 0	GLYMA INJURY PERCENT 2 WEEKS P 0	SORHA CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 4 WEEKS P 0	SORHA CONTROL PERCENT 8 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0
1	LIBERTY	1.67	E	.36	LB A/A	12J	90	0	77	0	77	0
2	LIBERTY	1.67	E	.36	LB A/A	12J	87	0	77	0	77	0
2	CHOICE		L	1	QT/A	12J						
3	LIBERTY	1.67	E	.36	LB A/A	18J	93	0	82	0	82	0
4	LIBERTY	1.67	E	.36	LB A/A	18J	83	0	83	0	83	0
4	CHOICE		L	1	QT/A	18J						
5	LIBERTY	1.67	E	.27	LB A/A	12J	97	0	88	0	88	0
5	LIBERTY	1.67	E	.27	LB A/A	+2W						
6	LIBERTY	1.67	E	.27	LB A/A	12J	100	0	90	0	90	0
6	CHOICE		L	1	QT/A	12J						
6	LIBERTY	1.67	E	.27	LB A/A	+2W						
6	CHOICE		L	1	QT/A	+2W						
7	LIBERTY	1.67	E	.36	LB A/A	12J	100	0	96	0	96	0
7	LIBERTY	1.67	E	.27	LB A/A	+2W						
8	LIBERTY	1.67	E	.36	LB A/A	12J	97	0	98	0	98	0
8	CHOICE		L	1	QT/A	12J						
8	LIBERTY	1.67	E	.27	LB A/A	+2W						
8	CHOICE		L	1	QT/A	+2W						
9	LIBERTY	1.67	E	.27	LB A/A	12J	77	0	72	0	72	0
9	PURSUIT	70	DF	.031	LB A/A	12J						
9	COC		L	.5	QT/A	12J						
10	LIBERTY	1.67	E	.27	LB A/A	12J	70	0	60	0	60	0
10	PURSUIT	70	DF	.031	LB A/A	12J						
10	COC		L	.5	QT/A	12J						
10	CHOICE		L	1	QT/A	12J						
11	PURSUIT	70	DF	.063	LB A/A	12J	83	0	75	0	75	0
11	COC		L	.5	QT/A	12J						
11	LIQUID N		L	1	QT/A	12J						
12	STORM	4	EC	.91	LB A/A	12J	47	0	20	0	20	0
12	OPTION II	1	EC	.08	LB A/A	12J						

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S5135 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	SORHA CONTROL PERCENT 2 WEEKS P 0	GLYMA INJURY PERCENT 2 WEEKS P 0	SORHA CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 4 WEEKS P 0	SORHA CONTROL PERCENT 8 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0
13	LIBERTY	1.67	E	.27	LB A/A	12J	100	0	96	0	96	0
13	OPTION II	1	EC	.08	LB A/A	12J						
13	FUSION	2.66	EC	.21	LB A/A	12J						
14	LIBERTY	1.67	E	.36	LB A/A	12J	90	0	78	0	78	0
14	OPTION II	1	EC	.08	LB A/A	12J						
15	FUSION	2.66	EC	.21	LB A/A	12J	100	0	98	0	98	0
15	MSO		L	1	QT/A	12J						
15	LIQUID N		L	2.5	QT/A	12J						
16	SELECT	2	EC	.125	LB A/A	12J	100	0	99	0	99	0
16	COC		L	1	QT/A	12J						
LSD (P=.05)							7.9	0.0	9.0	0.0	9.0	0.0
Standard Deviation							4.8	0.0	5.4	0.0	5.4	0.0
CV							5.39	.	6.68	.	6.68	.

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S5135 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA

Crop 1: GLYMA **Variety:** LIBERTY LINK **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 76 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 20 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	6-26-96	7-9-96	7-9-96			
Time of Day:	11:30 AM	11 AM	11 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	12"J	18"J	12"J + 2W			
Applic. Placement:	FOLIAR	FOLIAR	FOLIAR			
Air Temp., Unit:	66 F	71 F	71 F			
% Relative Humidity:	75	75	75			
Wind Velocity, Unit:	4 MPH	4 MPH	4 MPH			
Soil Temp., Unit:	78 F	76 F	76 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	10	10			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 GLYMA Stage:	12"J	18"J	12"J + 2W			
Stage Scale:	1 TR	3 TR	3 TR			
Height, Unit:	8 IN	13 IN	13 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SORHA Stage:	6 LVS	8 LVS	8 LVS			
Stage Scale:	12 IN	18 IN	18 IN			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE (LIBERTY)

Trial ID: S5135 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	BACKPACK			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	5 FT	5 FT	5 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	25 GPA	25 GPA	25 GPA			
Propellant:	CO2	CO2	CO2			

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE

Trial ID: S6103 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	SORHA CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 4 WEEKS P 0	SORHA CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 4 WEEKS P 0	SORHA CONTROL PERCENT 8 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0	SORHA CONTROL PERCENT 8 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0
1	RAPTOR	1	E	.032	LB A/A	18J	73	0	80	0	73	0	80	0
1	ACTIVATOR 90			.25	% V/V	18J								
1	LIQUID N		L	1	QT/A	18J								
2	RAPTOR	1	E	.04	LB A/A	18J	70	0	87	0	70	0	87	0
2	ACTIVATOR 90			.25	% V/V	18J								
2	LIQUID N		L	1	QT/A	18J								
3	ASSURE II	0.8	EC	.031	LB A/A	18J	97	0	100	0	97	0	100	0
3	COC		L	1	QT/A	18J								
3	LIQUID N		L	1	QT/A	18J								
3	ASSURE II	0.8	EC	.031	LB A/A	REG								
3	COC		L	1	QT/A	REG								
3	LIQUID N		L	1	QT/A	REG								
4	FUSION	2.66	EC	.2078	LB A/A	18J	93	0	100	0	93	0	100	0
4	COC		L	1	QT/A	18J								
4	LIQUID N		L	1	QT/A	18J								
5	FUSION	2.66	EC	.2494	LB A/A	18J	93	0	100	0	93	0	100	0
5	COC		L	1	QT/A	18J								
5	LIQUID N		L	1	QT/A	18J								
6	TWISTER	1.82	CS	.5127	LB A/A	18J	40	3	40	0	40	3	40	0
6	REFLEX	2	EC	.063	LB A/A	18J								
6	MSO		L	.5	QT/A	18J								
6	LIQUID N		L	2.5	QT/A	18J								
7	TWISTER	1.8	ME	.6366	LB A/A	18J	37	3	33	0	37	3	33	0
7	MSO		L	.5	QT/A	18J								
7	LIQUID N		L	2.5	QT/A	18J								
8	SELECT	2	EC	.094	LB A/A	18J	93	0	97	0	93	0	97	0
8	COC		L	1	QT/A	18J								
9	SELECT	2	EC	.125	PPM PR	18J	97	0	100	0	97	0	100	0
9	COC		L	1	QT/A	18J								
10	POAST PLUS	1	E	.19	LB A/A	18J	87	0	87	0	87	0	87	0
10	COC		L	1	QT/A	18J								

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE

Trial ID: S6103 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	SORHA CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 4 WEEKS P 0	SORHA CONTROL PERCENT 4 WEEKS P 0	GLYMA INJURY PERCENT 4 WEEKS P 0	SORHA CONTROL PERCENT 8 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0	SORHA CONTROL PERCENT 8 WEEKS P 0	GLYMA INJURY PERCENT 8 WEEKS P 0
11	POAST PLUS	1	E	.28	LB A/A	18J	80	0	93	0	80	0	93	0
11	COC		L	1	QT/A	18J								
12	FUSILADE DX	2	EC	.188	LB A/A	18J	87	0	97	0	87	0	97	0
12	COC		L	1	QT/A	18J								
13	TORNADO	1.75	L	.44	LB A/A	18J	83	10	90	0	83	10	90	0
13	COC		L	1	QT/A	18J								
14	CONCLUDE XTRA		E	.88	LB A/A	18J	90	8	90	0	90	8	90	0
LSD (P=.05)							16.4	3.7	9.7	0.0	16.4	3.7	9.7	0.0
Standard Deviation							9.8	2.2	5.8	0.0	9.8	2.2	5.8	0.0
CV							12.21	122.79	6.77	.	12.21	122.79	6.77	.

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE

Trial ID: S6103 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 6-5-96 **Country:** USA
City: PRINCETON **State/Prov.:** KY **Postal Code:** 42445

CROP AND PEST DESCRIPTION

Weed 1.SORHA

Crop 1: GLYMA **Variety:** FLYER **Planting Date:** 6-5-96
Planting Method: ROW **Rate:** 12 P/ROW-FT **Depth:** 1.25 IN
Row Spacing: 30 IN **Seed Bed:** CONVENTIONAL
Soil Temperature: 75 F **Soil Moisture:** NORMAL **Emergence Date:** 6-12-96

Plot Width, Unit: 5 FT **Plot Length, Unit:** 30 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 1.2
pH: 6.3 **Soil Name:** CRIDER **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: PRINCETON FARM **Distance:** .5 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	7-9-96					
Time of Day:	10 AM					
Application Method:	BROADCAST					
Application Timing:	18"J					
Applic. Placement:	FOLIAR					
Air Temp., Unit:	69 F					
% Relative Humidity:	87					
Wind Velocity, Unit:	4 MPH					
Soil Temp., Unit:	78 F					
Soil Moisture:	ADEQUATE					
% Cloud Cover:	5					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 GLYMA Stage:	18"J					
Stage Scale:	3 TR					
Height, Unit:	14 IN					

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 SORHA Stage:	8 LVS					
Stage Scale:	18IN					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

SOYBEAN JOHNSONGRASS POSTEMERGENCE

Trial ID: S6103 Investigator:
Location: PRINCETON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK					
Operating Pressure:	30					
Nozzle Type:	FAN					
Nozzle Size:	8004 DG					
Nozzle Spacing, Unit:	20 IN					
Boom Length, Unit:	5 FT					
Boom Height, Unit:	19 IN					
Ground Speed, Unit:	4 MPH					
Carrier:	WATER					
Spray Volume, Unit:	25 GPA					
Propellant:	CO2					

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

BURLEY TOBACCO

Trial ID: T6001 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

Trt No.	Treatment Name	Form Amt	Fm Ds	Rate	Rate Unit	Grow Stg	TOBACCO	SETFA	AMACH	CHEAL	ABUTH
	Weed Code										
	Crop Code										
	Part Rated										
	Rating Data Type						INJURY	CONTROL	CONTROL	CONTROL	CONTROL
	Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date						6-28-96	6-28-96	6-28-96	6-28-96	6-28-96
	Footnote Number										
	Trt-Eval Interval						4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS	4 WEEKS
	PRM Data Type						P	P	P	P	P
	# Subsamples, Dec.						0	0	0	0	0
1	SULFENTRAZONE	75	DF	.375	LB A/A	PRE	0	90	93	100	100
1	COMMAND	3	ME	.75	LB A/A	PRE					
2	SULFENTRAZONE	75	DF	.375	LB A/A	PRE	0	97	97	100	100
2	COMMAND	3	ME	.75	LB A/A	POT					
3	SULFENTRAZONE	75	DF	.375	LB A/A	PPI	13	90	90	100	97
3	PROWL	3.3	EC	.75	LB A/A	PPI					
4	SULFENTRAZONE	75	DF	.375	LB A/A	PRE	0	90	90	100	100
4	PROWL	3.3	EC	.75	LB A/A	PRE					
5	COMMAND	4	EC	.75	LB A/A	PRE	0	90	83	100	100
5	PROWL	3.3	EC	.75	LB A/A	PRE					
6	COMMAND	4	EC	.75	LB A/A	PPI	0	83	77	97	100
6	PROWL	3.3	EC	.75	LB A/A	PPI					
7	SULFENTRAZONE	75	DF	.375	LB A/A	PRE	0	80	90	100	100
8	COMMAND	3	ME	.75	LB A/A	PRE	0	70	37	100	100
9	PROWL	3.3	EC	1.5	LB A/A	PPI	0	80	77	97	83
10	CHECK						0	0	0	0	0
	LSD (P=.05)						3.1	12.2	15.1	4.6	4.3
	Standard Deviation						1.8	7.1	8.8	2.7	2.5
	CV						136.93	9.25	12.0	2.97	2.85

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

BURLEY TOBACCO

Trial ID: T6001 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

GENERAL TRIAL INFORMATION

Study Director: CHARLES H. SLACK
Affiliation: UNIVERSITY OF KENTUCKY **Postal Code:** 40546

Trial Status: COMPLETE **Initiation Date:** 5-31-96 **Country:** USA
City: LEXINGTON **State/Prov.:** KY **Postal Code:** 40546

CROP AND PEST DESCRIPTION

Weed 1.SETFA 2.AMACH 3.CHEAL
4.ABUTH

Variety: TENNESSEE 90 **Planting Date:** 5-31-96
Planting Method: SET
Row Spacing: 38 IN
Soil Temperature: 65 F **Soil Moisture:** ABOVE NORMAL

Plot Width, Unit: 12.6 FT **Plot Length, Unit:** 40 FT **Reps:** 3
Site Type: SILT LOAM
Tillage Type: CONVENTIONAL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

Texture: SILT LOAM **% OM:** 3.0 **% Sand:** 9.2 **% Silt:** 50 **% Clay:** 41
pH: 6.5 **CEC:** 15.2 **Soil Name:** MAURY **Fertility Level:** HIGH

Overall Moisture Conditions: SLIGHTLY WET
Closest Weather Station: SPINDLETOP FARM **Distance:** 2 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	5-31-96	5-31-96	5-31-96			
Time of Day:	10 AM	1 PM	2 PM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PPI	PRE	POT			
Applic. Placement:	SURFACE	SURFACE	FOLIAR			
Air Temp., Unit:	51 F	74 F	74 F			
% Relative Humidity:	85	69	69			
Wind Velocity, Unit:	4 MPH	4.5 MPH	4.5 MPH			
Soil Temp., Unit:	59 F	77 F	77 F			
Soil Moisture:	ADEQUATE	ADEQUATE	ADEQUATE			
% Cloud Cover:	10	15	15			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
SETFA						
AMACH						
CHEAL						
ABUTH						

Dept. of Agronomy, Univ. of KY
Weed Science Field Research

BURLEY TOBACCO

Trial ID: T6001 Investigator:
Location: LEXINGTON, KY. Study Dir.: Charles H. Slack

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	4 WHEELER	4 WHEELER	4 WHEELER			
Operating Pressure:	30	30	30			
Nozzle Type:	FAN	FAN	FAN			
Nozzle Size:	8004 DG	8004 DG	8004 DG			
Nozzle Spacing, Unit:	20 IN	20 IN	20 IN			
Boom Length, Unit:	6.3 FT	6.3 FT	6.3 FT			
Boom Height, Unit:	19 IN	19 IN	19 IN			
Ground Speed, Unit:	4 MPH	4 MPH	4 MPH			
Incorporation Equip.:	FLD CULTV					
Hours to Incorp.:	.5					
Carrier:	WATER	WATER	WATER			
Spray Volume, Unit:	24 GPA	24 GPA	24 GPA			
Propellant:	CO2	CO2	CO2			