

Guide to Weed and Crop Response to Soil Applied Herbicides¹

	Barnyardgrass	Broadleaf Signalgrass	Crabgrass	Fall Panicum	Foxtail	Johnsongrass (seedling)	Johnsongrass (rhizome)	Shattercane (Wild Cane)	Yellow Nutsedge	Black Nightshade	Burcucumber	Cocklebur	Lambsquarters	Marestail (Horseweed)	Morningglory	Palmer Amaranth	Pigweed, Smooth	Prickly Sida (Teaweed)	Ragweed, Common	Ragweed, Giant (Horseweed)	Sicklepod	Smartweed	Velvetleaf	Waterhemp	Crop Response ²
Acetochlor ³	8	7	8	8	9	5	0	5	7	8	0	0	7	0	0	8	8	0	6	0	4	5	0	8	1
Acuron (PRE only)	8	7	8	7	9	5	0	5	7	9	6	7	9	8	7	9	9	7	8	7	-	9	9	9	2
Acuron Flexi (PRE only)	8	7	8	7	9	5	0	5	7	9	5	7	9	8	6	9	9	7	8	7	-	9	9	9	2
Anthem ATZ	8	7	8	8	8	5	0	4	-	9	6	7	9	6	7	9	9	9	8	7	7	9	7	9	1
Atrazine	6	4	5	3	6	0	0	0	5	9	7	8	9	7	8	9	9	9	9	8	7	9	8	9	0
Balance Flexx	7	7	6	8	8	6	0	6	2	9	7	3	9	8	4	7	9	7	8	6	4	8	9	8	2
Bicep II Magnum / Cinch ATZ	8	7	8	8	9	5	0	5	7	9	6	8	9	7	7	9	9	9	9	7	6	9	7	9	1
Corvus	8	7	8	8	8	6	0	6	4	9	7	6	9	8	6	7	9	-	8	6	-	8	9	8	2
Degree Xtra/HarnessXtra/FulTime/ Breakfree ATZ / Keystone	8	7	8	8	9	5	0	5	7	9	5	8	9	7	7	9	9	9	9	7	6	9	7	9	1
Dual II Magnum / Cinch	8	7	8	8	9	5	0	5	7	8	0	0	5	0	0	7	7	0	5	0	4	5	0	8	1
Expert	8	7	8	8	9	5	0	5	7	9	6	8	9	8 [#]	7	-	9	9	9	7	6	9	7	9	1
Fierce ⁴ (PRE only)	8	7	8	8	8	7	2	-	-	8	-	6	8	7	7	8	9	8	8	6	-	7	7	9	2
Guardzman MAX	8	7	8	8	9	5	0	5	7	9	6	8	9	7	7	9	9	9	9	7	6	9	7	9	1
Instigate	8	6	6	7	9	7	0	-	4	8	6	7	8	-	6	8	9	-	8	6	-	7	7	6	2
LeadOff ⁴ / Crusher ⁴	8	-	6	6	8	-	-	2	-	-	-	6	7	-	6	-	8	-	7	3	-	6	6	-	2
Lexar EZ or Lumax EZ (PRE only)	8	7	8	8	9	5	0	5	7	9	6	7	9	8	7	9	9	7	8	7	5	9	9	9	2
Outlook	8	7	8	8	9	5	0	5	7	8	0	0	6	0	0	8	8	0	5	0	4	5	0	8	1
Princep	8	5	7	6	8	2	0	3	2	9	6	7	9	-	7	9	9	9	9	7	7	9	8	9	0
Prowl (PRE only)	8	7	8	8	9	6	2	6	0	0	0	0	8	0	2	7	8	2	0	0	0	6	6	7	2
Resicore	8	7	8	8	9	5	0	5	6	8	-	7	9	-	7	7	9	6	8	7	7	8	7	7	2
Sharpen	2	2	2	2	2	0	0	2	-	8	-	7	8	8	8	8	8	7	8	8	5	8	8	8	1
SureStart ⁴	8	7	8	7	9	5	0	5	6	8	3	8	9	-	7	8	9	8	8	6	6	8	7	8	1
Verdict ⁴	8	7	8	8	9	5	0	5	7	8	-	7	8	8	8	9	9	7	9	8	5	9	8	9	1
Zemax (PRE only)	8	7	8	8	9	5	0	5	7	9	6	7	9	7	6	9	9	6	7	6	5	9	9	9	2
Zidua	8	7	8	8	9	5	0	6	5	8	-	5	6	5	0	8	8	6	7	3	-	6	7	8	1

GOOD = 8-9 FAIR = 6-7 POOR = 5 or less - Insufficient Data

¹This table should be used only as a guide. The relative response value is based on a numerical scale from 0 to 9 comparing the effectiveness of herbicides to a particular weed. Under certain weather or environmental conditions, a herbicide may perform better or worse than indicated in the table. Response may be less in no-tillage than in conventional tillage. If a farmer is getting satisfactory results under their conditions, they should not necessarily change products as a result of the information in the table.

²A rating of 3 or less will not result in a crop yield loss under normal conditions. Certain corn hybrids vary in their injury response to a herbicide treatment.

³Acetochlor containing products include Breakfree NXT, Confidence, Degree, Harness, Surpass NXT, and Volley.

⁴Crusher, Fierce, Instigate, LeadOff, SureStart, and Verdict are intended for use in a planned preemergence followed by a postemergence program. Ratings indicate early-season effectiveness.

[#] Glyphosate will not effectively control biotypes of horseweed (marestail) that are tolerant to this herbicide.