## **Response of Pasture Weeds to Herbicides and Mowing**

Weed Species	Life Cycle <sup>1</sup>	Preferred Time for Herbicide Treatment <sup>2</sup>	2,4-D	dicamba (Banvel/Distinct)	dicamba + 2,4-D (Weedmaster)	Crossbow	PastureGard	Milestone	ForeFront	metsulfuron <sup>3</sup>	MOWING4
Amaranth, Spiny (Pigweed)	Α	May-July	F/G	F/G	G	G	F/G	F	G	G	Х
Aster spp. (White Heath Aster)	Α	July-Sept	F/G	G	G	G	-	-	-	F	R
Burdock, Common	В	Feb-Mar	G	F	G	G	G	F	G	F	R
Buttercup spp.	Α	Feb-Mar	G	F/G	G	G	F	F	G	G	Х
Carrot, Wild (Queen Anne's Lace)	В	May-June	G	G	F/G	F/G	F	Р	G	G	R
Chickweed, Common	Α	Nov or Feb-Mar	Р	F/G	G	F	G	G	G	G	Х
Chicory	Р	Feb-Mar or Aug-Nov	F/G	F/G	G	G	G	G	G	F/G	R
Clover, White	Р	May-Aug	F/G	G	G	G	G	G	G	G	Х
Cocklebur, Common	Α	May-July	G	G	G	G	G	G	G	G	R
Dandelion	Р	Oct-Nov or Mar-Apr	G	G	G	G	F/G	F/G	G	G	Х
Deadnettle, Purple	Α	Feb-Mar	Р	F/G	G	F	G	G	G	G	Х
Dock, Curly or Broadleaf	Р	Feb-Apr	P/F	F	F/G	G	F/G	G	G	G	Х
Dogbane, Hemp	Р	May-Aug	F	F	F	F/G	G	Р	P/F	Р	S
Garlic, Wild	Р	Nov or Mar-Apr	F	F	F	F	Р	Р	F	G	Х
Goldenrod spp.	Р	June-Aug	F	F/G	G	G	G	Р	F/G	Р	S
Hemlock, Poison	В	Nov or Mar-Apr	F/G	G	F	F/G	Р	Р	F/G	F	R
Henbit	Α	Feb-Mar	Р	F/G	G	F	G	G	G	G	Х
Horsenettle	Р	July-Aug	Р	F	F	F	Р	G	G	F	Х
Ironweed, Tall	Р	June-Aug	Р	P/F	F	G	G	G	G	Р	S
Jimsonweed	Α	May-July	F	G	G	G	-	G	G	-	R
Lespedeza, Sericea	Р	June-July	Р	P/F	P/F	G	G	P/F	P/F	F/G	Х
Marshelder (Sumpweed)	Α	May-July	F/G	F/G	G	G	F	F/G	G	F	R
Milkweed, Common	Р	July-Sept	Р	F	F	F	P/F	P/F	P/F	Р	S
Mint, Perilla	Α	May-July	F	F	F/G	G	F/G	-	G	-	S
Multiflora Rose	Р	Apr-June or Sept	P/F	Р	F	G	G	Р	Р	G	Х
Passionflower, Maypop	Р	May-July	Р	-	Р	-	F	Р	Р	-	Х
Plantain, Broadleaf or Buckhorn	Р	Oct-Nov or Mar-Apr	F/G	F	F/G	G	F	Р	F/G	F/G	Х
Pokeweed, Common	Р	May-July	F	G	F/G	F/G	Р	F/G	F/G	Р	S
Ragweed, Common	Α	May-July	G	G	G	G	G	G	G	Р	R
Ragweed, Lanceleaf	Α	May-July	F/G	G	G	F	-	-	-	Р	R
Sorrel, Red (Sheep Sorrel)	Р	Sept-Nov or Mar	Р	G	F/G	F/G	F	-	-	F/G	Х
Thistle, Bull	В	Oct-Nov or Feb-Mar	G	G	G	G	F/G	G	G	F/G	R
Thistle, Canada	P	Prebud or Oct-Nov	Р	P/F	F	F	P/F	G	G	F	S
Thistle, Musk	В	Oct-Nov or Feb-Mar	G	G	G	G	F/G	G	G	F/G	R
Thistle, Plumeless	В	Oct-Nov or Feb-Mar	G	G	G	G	F/G	G	G	F/G	R
Trumpetcreeper	Р	Aug-Sept	Р	P/F	P/F	F	F	Р	Р	Р	Х
Yarrow, Common	В	Feb-Mar	G	G	G	-	-	-	-	F/G	Х

Control:  $\mathbf{G} = \text{Good or Excellent}$ ;  $\mathbf{F} = \text{Fair (suppression or partial control)}$ ;  $\mathbf{P} = \text{Poor}$ ;  $\mathbf{-} = \text{No Information}$ 

This table should be used only as a guide for comparing the relative effectiveness of herbicides to a particular weed. The herbicide may perform better or worse than indicated in the table depending on the species, weed size, time of application and/or extreme weather conditions. Consult herbicide label for weed height or growth stage and product amount. Read and follow all label directions and precautions before herbicide application.

Adapted from AGR-172 (Revised 10-2012)

Listing of pesticide products implies no endorsement by the University of Kentucky or its representatives. Criticism of products not listed is neither implied nor intended.

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<sup>&</sup>lt;sup>1</sup> Life Cycle: **A** = Annuals; **P** = Perennials; **B** = Biennials

<sup>&</sup>lt;sup>2</sup> The preferred time for herbicide treatment will depend on environmental conditions and other factors.

<sup>&</sup>lt;sup>3</sup> Active ingredient in several products (e.g. Cimarron, Patriot, Purestand). May cause temporary yellowing, stunting and seedhead suppression of tall fescue (consult label).

<sup>&</sup>lt;sup>4</sup> Mowing: **R** = Timely mowing reduces top growth and seed production; **S** = Suppression of top growth; **X** = Not very effective