

Response of Pasture Weeds to Herbicides and Mowing

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

Control: **G** = Good or Excellent; **F** = Fair (suppression or partial control); **P** = Poor; - = No Information

¹ Life Cycle: **A** = Annuals; **P** = Perennials; **B** = Biennials

² The preferred time for herbicide treatment will depend on environmental conditions and other factors.

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

⁴ Mowing: **R** = Timely mowing reduces top growth and seed production; **S** = Suppression of top growth; **X** = Not very effective

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.