

**Non-Cropland
Guide to Woody Plant Response to Herbicides***

HERBICIDES	Ash	Birch	Blackberry	Buckbrush	Cedar	Dogwood	Elm	Greenbrier	Hawthorn	Hickory	Honey Locust	Honeysuckle	Kudzu	Maple	Mulberry	Multiflora Rose	Oaks	Osage Orange	Persimmon	Pines	Poison Ivy	Poplar	Sassafras	Sumac	Sweetgum	Sycamore	Trumpet Creeper	Willow	Grazing land	Forestry	Noncropland	Ditch Banks	
2,4-D amine (FS)	P	F	P	G	P	P	F	P	F	F	P	P	P	P	P	P	F	P	P	P	P	F	P	F	P	F	P	P		L	L	L	L
2,4-D amine (CS)	P	F	P	P	P	F	G	P	F	F	F	P	P	P	F	P	F	F	F	F	F	G	G	F	F	F	F	G		L	L	L	L
2,4-D ester (FS)	P	-	P	G	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	-	P	F	P	-	P	P		L	L	L	L
Arsenal (FS)	G	P	P	P	P	G	P	G	G	G	G	G	G	G	G	G	G	P	F	P	G	F	G	G	G	F	G	G		N	N	L	L
Banvel (FS)	P	-	F	F	F	F	F	P	F	P	P	F	G	P	N	F	F	P	G	G	F	-	F	F	F	-	F	F		L	N	L	L
Crossbow (FS)	F	F	G	F	P	P	F	P	F	F	F	P	P	F	P	F	F	F	F	F	F	F	F	G	F	F	P	F		L	N	L	L
Escort (FS)	F	P	F	G	P	F	F	P	P	P	G	G	E	F	P	F	F	P	P	P	P	P	P	P	P	P	P		N	N	L	N	
Garlon 3A (FS)	F	F	G	P	P	F	F	P	F	F	F	P	P	F	F	F	G	P	F	G	F	F	F	G	G	F	P	F		N	L	L	L
Garlon 3A (CS)	F	F	P	P	F	F	F	P	F	F	F	P	P	G	F	F	G	F	F	F	G	F	F	G	G	F	P	F		N	L	L	L
Garlon 4 (FS)	F	F	G	P	P	F	F	P	F	F	F	P	P	F	F	F	G	P	F	G	F	F	F	G	G	F	P	F		N	L	L	N
Garlon 4 (BS)	F	F	G	P	F	G	F	P	F	G	F	P	P	G	F	F	G	P	F	G	P	F	F	G	G	F	P	F		N	L	L	L
Glyphosate (FS)	F	F	F	F	P	P	F	P	F	P	P	F	F	P	P	F	G	P	F	P	F	F	P	F	F	P	F	F		L	L	L	L
Glyphosate (CS)	F	F	F	P	F	F	F	P	F	F	F	F	P	F	F	P	G	F	F	G	G	F	F	F	G	G	P	F		L	L	L	L
Hyvar X-L (FS)	F	F	F	F	F	F	F	P	F	F	F	F	P	F	F	F	F	F	P	F	F	F	P	F	F	F	P	F		N	N	L	L
Hyvar X-L (ST)	F	F	F	F	F	F	F	P	F	F	F	P	P	F	F	F	F	F	P	F	F	F	P	F	F	F	P	F		N	N	L	L
Krenite (FS)	F	F	F	F	P	F	F	P	P	P	F	F	G	F	F	F	F	F	F	G	P	F	P	F	F	F	F	F		N	L	L	L
Pathway	F	F	P	P	F	F	F	P	F	F	F	F	P	F	P	P	F	P	F	G	P	P	P	P	F	P	P	P		N	L	L	N
Spike (ST)	F	F	F	F	P	G	G	F	P	F	G	G	P	F	F	G	G	P	P	F	P	F	P	G	F	F	F	F		L	N	L	L
Transline (FS)											G		G																	N	N	L	N
Velpar (ST)	F	F	F	F	F	F	F	P	P	P	G	P	P	F	F	G	G	F	P	P	F	F	P	F	F	F	P	F		L**	L	L	L

Weed Control: G = Good F = Fair *** P = Poor - = No data available
 FS = Foliar Spray BS = Basal Spray CS = Cut Surface ST = Soil Treatment L = Labeled N = Not labeled

* Repeated herbicide applications over several years may be necessary for complete control of woody plants.

** Basal soil or cut-surface applications only.

*** Fair = Partial control or defoliation.

Use this table as a guide for comparing the relative effectiveness of herbicides on individual weeds. Herbicides may perform better or worse than indicated due to extreme weather conditions and other variables. If you are obtaining satisfactory results under your growing conditions, changing products as a result of information in this table is not necessarily recommended.