

# Chemical Control Table: Recommendations for Minnesota Grass Pastures\*

\*\*Note: G=Good, F=Fair, P=Poor control, N=No control, --=No data available

Chemical control options Chemical/product name (active ingredient)	2,4-D/ MCPA	Barnvel (dicamba)	Crossbow (triclopyr + 2,4-D)	Curtail (clopyralid + 2,4-D)	Escort (metsulfuron methyl)	ForeFront (aminopyralid + 2,4-D)	Grazon P+D (picloram + 2,4-D)	Milestone (aminopyralid)	Overtinve (dicamba + diflufenzo pyr)	Redeem (triclopyr + clopyralid)	Remedy (triclopyr)	***Roundup (glyphosate)	Spike (tebuthiuron)	Weed Master (dicamba + 2,4-D)
<b>ANNUALS</b>														
Common chickweed	P**	F	G	--	G	--	G	--	F	--	--	G	--	F
Horseweed	F	G	F	G	--	G	G	G	G	G	--	F	--	G
Russian thistle	F	F	F	G	F	--	G	--	F	--	--	G	--	F
Shepherd's purse	G	P	G	G	G	G	G	--	P	--	F	G	--	G
Wild mustard	G	P	G	G	G	G	G	--	P	--	F	G	--	G
<b>BIENNIALS</b>														
Common burdock	G	P	--	G	--	G	G	--	P	--	--	G	--	G
Common mullein	F	G	F	F	G	--	G	--	G	--	--	--	--	G
Musk, plumeless & bull thistle	F	F	P	G	F	G	G	G	F	--	P	G	--	G
Prickly lettuce	G	G	--	G	--	G	G	P	G	G	--	G	--	G
Spotted knapweed	G	G	G	G	F	G	G	G	G	G	--	G	--	G
<b>PERENNIALS</b>														
Absinth wormwood	F	G	F	F	--	G	G	G	G	G	--	F	--	G
Aster	F	F	F	F	F	F	G	P	F	F	F	G	--	G
Canada thistle	F	F	P	G	P	G	G	G	F	--	P	F	--	F
Curly dock	P	G	P	P	P	P	G	P	G	--	P	--	--	G
Dandelion	G	G	G	G	P	G	G	P	G	--	P	F	--	G
Field bindweed	F	P	F	F	P	F	G	P	P	--	P	G	F	F
Garlic mustard	F	F	F	F	G	--	--	--	F	P	P	G	--	F
Goldenrod	F	F	F	F	F	F	G	P	F	F	P	G	--	F
Leafy spurge	F	F	F	F	P	F	G	P	F	P	P	F	--	F
Milkweed	F	F	F	F	P	F	G	P	F	--	P	G	--	G
Mouse-ear chickweed	P	F	G	--	G	--	G	--	F	--	--	F	--	F
Oxeye daisy	F	F	F	G	F	G	G	G	F	G	F	F	--	F
Plantain	F	F	--	F	--	--	G	--	F	--	--	F	--	G
Purple loosestrife	P	P	F	P	--	P	G	--	P	--	F	G	--	P
Sowthistle	F	G	--	F	F	--	G	--	G	--	--	F	--	G
Stinging nettle	G	G	G	G	--	G	G	--	G	--	--	G	--	G
Tansy	P	F	--	P	--	--	G	--	F	--	--	F	--	F
White cockle	F	F	--	--	--	--	--	F	F	--	--	F	--	--
<b>VINES, SHRUBS, TREES</b>														
Buckthorns	F	F	G	F	F	--	G	--	F	G	G	F	F	F
Poison ivy	F	F	G	F	--	--	G	--	F	G	G	F	--	F
Prickly ash	P	P	F	P	F	--	F	--	F	F	F	P	F	F
Virginia creeper	P	F	P	P	--	--	F	--	F	--	P	F	--	F
<b>GRASSES</b>														
Annual grasses	N	N	N	N	G	N	N	N	N	N	N	G	F	N
Quackgrass	N	N	N	N	P	N	N	N	N	N	N	G	P	N
Wirestem muhly	N	N	N	N	P	N	N	N	N	N	N	G	P	N

\* Herbicide recommendations are for grass pastures only and not for legume/grass mixed pastures. There are no herbicides available for broadleaf weed control in a legume/grass mixed pasture that will not harm desirable legumes. Brush control products will also suppress or control many broadleaves.

\*\*Note: G=Good, F=Fair, P=Poor control, N=No control. -- indicates no Minnesota or other applicable data available to determine a reliable control rating. Effectiveness ratings apply if herbicides are applied according to label recommendations and favorable temperature and moisture conditions prevail. Stunting of grasses can occur with Spike and Escort XP. Always read and follow the herbicide label. Recommendations pertain to Minnesota only.

\*\*\*Roundup is a non-selective herbicide and will kill or injure any plant material it comes into contact with. Roundup should be used as a spot spray only or when renovating a grass pasture.