

## Department of Animal Science - Plants Poisonous to Livestock

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Scientific Name	Common Name(s)	Species Most Often Affected	Parts Poisonous	Primary Poison(s)
<a href="#">Acer rubrum</a>	Red maple, Swamp maple, Soft maple	horses	leaves	gallic acid
<a href="#">Allium spp.</a>	Commercial Onions, Wild Onions, Swamp Onions, Chives	cattle, horses, children	bulbs, leaves	SMCO
<a href="#">Amsinckia intermedia</a>	Fiddleneck	horses, swine, cattle	seeds	intermediate, lycopsamine
<a href="#">Apocynum spp.</a>	Dogbane	horses, cattle, humans, sheep, cats, dogs, goats	rhizome	apocynamarin
<a href="#">Chenopodium album</a>	Lambs Quarters	cattle, horses, humans, sheep, swine	all	nitrate
<a href="#">Datura spp.</a>	Jimsonweed, Downy Thornapple, Devils Trumpet, Angels Trumpet	cattle, humans, horses, goats	flowers, leaves, seeds	atropine, scopolamine, and hyoscyamine
<a href="#">Digitalis purpurea</a>	Foxglove	cats, cattle, dogs, goats, horses, humans	flowers, leaves, seeds	cardiac or steroid glycosides
<a href="#">Eupatorium rugosum</a>	White Snakeroot	cattle, dogs, goats, horses, humans, rabbits, sheep	all	tremetone
<a href="#">Euphorbia spp.</a>	Poinsettia, Spurge, Snow on the Mountain	cattle, horses, humans, sheep	leaves, stems and sap	phorbol esters
<a href="#">Fagopyrum esculentum</a>	Buckwheat	horses, goats		
<a href="#">Festuca arundinacea</a>	Tall Fescue	cattle, horses	all	diaziphenanthrene, pyrrolizidine, and ergot
<a href="#">Gelsemium sempervirens</a>	Jessamine	horses, goats	all	gelsemine
<a href="#">Glechoma spp.</a>	Ground Ivy, Creeping Charlie, Gill over the ground	horses, goats	leaves, stems	unknown
<a href="#">Hypericum perforatum</a>	St. Johns Wort, Klamath Weed	horses, sheep, goats	all	hypericum

<u>Laburnum anagyroides</u>	Golden Chain, Laburnum	cattle, dogs, horses, humans, swine	Pods, seeds, all	cytisine
<u>Lathyrus spp.</u>	Sweet Pea, Tangier Pea, Everlasting Pea, Caley Pea, Singletary Pea	horses, rodents, turkeys, sheep, humans	seeds	DABA, ODAP, amine, phenol, glycoside
<u>Metilolus alba and Mellilotus officinalis</u>	White Sweetclover, Yellow Sweetclover	horses, cattle, sheep	stem	dicoumarol
<u>Nerium oleander</u>	Oleander	horses, cattle, sheep, dogs, humans, goats	all, leaves, stems	nerioside, oleandroside, saponins, cardiac glycosides
<u>Phytolacca americana</u>	Pokeweed	cattle, sheep, humans, turkeys, swine, horses	all	phytolaccatoxin, phytolaccigenin
<u>Prunus spp.</u>	Wild Cherries, Black Cherry, Bitter Cherry, Choke Cherry, Pin Cherry	horses, cattle, moose, sheep, swine, goats	seeds, leaves	amygdalin, prunasin
<u>Ranunculus spp.</u>	Buttercup, Crowfoot	cattle, goats, horses	all	protoanemonin
<u>Rheum rhaponticum</u>	Rhubarb	goats, humans, swine, horses	leaves	anthraquinones, oxalate
<u>Robinia pseudoacacia</u>	Black Locust	horses, cattle, humans, poultry, sheep, goats	bark, leaves, seeds	robin, phasin
<u>Solanum spp.</u>	Common Nightshade, Black Nightshade, Horse Nettle, Buffalo Bur, Potato	cattle, humans, rodents, sheep, horses, goats	leaves, immature fruit	soladulcidine, solanine
<u>Sorghum spp.</u>	Sorghum, Milo, Sudan Grass, Johnson Grass	horses, cattle, goats	leaves, stems	dhurrin, nitrate
<u>Rheum rhaponticum</u>	Rhubarb	goats, humans, swine, horses	leaves	anthraquinones, oxalate
<u>Vicia spp.</u>	Common Vetch, Hairy Vetch, Narrow leafed vetch, purple vetch, broad beans	chickens, horses, humans	seeds	beta-cyano-L-alanine
<u>Acer rubrum</u>	Red maple, Swamp maple, Soft maple	horses	leaves	gallic acid
<u>Acer saccharum</u>	Sugar maple, Rock maple, Hard maple	horses	leaves	gallic acid
<u>Acer saccharinum</u>	Silver maple, Soft maple, White	horses	leaves	gallic acid

maple