



## ENVIRONMENTAL HEALTH AND SAFETY

Clover Safe notes are intended primarily for 4-H volunteers and members nine years and older

### #63 PLANTS POISONOUS TO 4-H ANIMALS

Caring for animals requires feeding them a healthy diet and avoiding foods that may be potentially harmful or toxic. Listed below are common plants that are hazardous for some animal species. 4-H volunteers and members should regularly inspect animal pens, pastures, and purchased or cut hay or other fodder for hazardous plants and take steps to prevent their animal(s) from coming into contact with these types of plants.

Plant Picture	Plant Name (Scientific Name)	Animal(s) Affected	Poisonous Part(s)	Affected Organ(s)
	Redroot Pigweed <sup>(1)</sup> ( <i>Amaranthus retroflexus</i> )	Cattle, Goats, Sheep	Leafs, Stems, Seeds, Root	Whole Body
	Fiddleneck <sup>(1)</sup> ( <i>Amsinckia intermedia</i> )	Cattle, Horses, Sheep, Goats	All Plant Parts, Especially Flowers	Liver and Skin
	Lambsquarters <sup>(1)</sup> ( <i>Chenopodium species</i> )	Cattle, Goats, Sheep	All Plant Parts	Whole Body
	Poison Hemlock <sup>(1)</sup> ( <i>Conium maculatum</i> )	Cattle, Swine, Horses, Sheep	Roots, Young Plants, Seeds	Central Nervous System
	Black Walnut <sup>(1)</sup> ( <i>Juglans nigra</i> )	Horses	Leaves, Pollen, Wood Shavings	Hoof
	Lupines <sup>(1)</sup> ( <i>Lupinus species</i> )	Sheep, Cattle	All Plant Parts	Central Nervous System
	Oleander <sup>(1)</sup> ( <i>Nerium oleander</i> )	All Animals	All Plant Parts	Cardiovascular and Digestive Systems
	Tree Tobacco <sup>(1)</sup> ( <i>Nicotiana glauca</i> )	Swine, Cattle, Horses, Sheep, Goats	All Plant Parts	Central Nervous System
	Chokecherry <sup>(1)</sup> ( <i>Prunus virginiana</i> )	Livestock	Leaves, Twigs, Bark, Cherry Pits	All Body Cells
	Oak <sup>(1)</sup> ( <i>Quercus species</i> )	Cattle, Sheep, Horses	Acorns, Leaves, Young Shoots	Intestine, Kidney
	Castor Bean <sup>(1)</sup> ( <i>Ricinus communis</i> )	All Animals	All Plant Parts, Especially Seeds	Intestine
	Curley Dock, Sorrel <sup>(1)</sup> ( <i>Rumex crispus</i> )	Cattle, Sheep, Goats	All Plant Parts	Kidney
	Common Grounse <sup>(1)</sup> ( <i>Senecio vulgaris</i> )	Cattle, Horses, Sheep, Goats	All Plant Parts, Especially Flowers	Liver, Skin
	Yellow Starthistle <sup>(2)</sup> ( <i>Centaures solstitialis</i> )	Horses	All Plant Parts	Brain Lesions, Mouth Ulcers

(1) Information from Ferec L., 2011, Livestock-Poisoning Plants of California, UCANR Catalog, available online at: <http://anrcatalog.ucanr.edu/pdf/8398.pdf>.