

Toxic Plants

Toxicity & Risk	Plant name	Poisonous parts Comments	Identifying description
++	Albizia (brush wattle)	Ingestion of seeds can cause kidney failure	Family: Leguminosae
++	Angel's trumpets	All, especially flowers and seeds	small tree, trumpet flowers
+	Apple tree	Leaves and seed considered toxic in large amounts.	Family: Rosaceae
++	Apple of Sodom	All, especially berries Family: Solanaceae	mottled green & white berry. weed - shrub with prickles
+	Arum lilies Kaffir lily (clivias)	All, burning feel in mouth, normally avoided by stock	Family: Araceae
++	Asparagus fern	red berries poisonous	garden plant, fern-like
++++	Atropa belladonnas (Aka Deadly Nightshade)	All, highly poisonous, green and dried	like black currant berries Family: Solanaceae
+	Autumn Crocus	All	Family: Liliaceae
++	Avocado	Leaves, depending on season (Seeds may kill mice)	
+++++	Azalea Rhododendron	All, lethal	garden shrubs to tree height Family: Ericaceae
++	Bittersweet	All, especially berries	Family: Solanaceae
++	Black Nightshade	Unripe berries	Family: Solanaceae
+	Blue Lupins	Known to be toxic when infected with fungus <i>phomopsis leptostromiformis</i>	Family: Leguminosae
++	Boxthorn	Scarlet berries thought to be toxic Family: Solanaceae	hedge plant with prickles
+++	Bracken	Prolonged feeding will cause fatalities in stock. New growth is more toxic	Fern family, Pteridaceae
+	Brassicas (cabbage, cauliflower etc)	Large quantities poisonous to stock	Family: Cruciferae
++	Buttercups	In large quantities when fresh (OK dried in hay) burning feel in mouth. Varieties have different levels of toxin. Some species known to kill stock if sufficient ingested.	Family: Ranunculaceae
+++++	Buxus (Box)	Leaves. Known to kill stock. FATAL	Family: Buxaceae Hedge
++	Cape lilacs	berries	
+++	Cape tulip	Both leaves and corms are highly toxic, green and dried	Spring flowering bulb Family: Iridaceae
++	Castor oil Plant	Seed mainly, but also leaves Family: Euphorbiaceae	shiny seed capsule with 3 seeds 4.5m, large leaves, greenish-white to rust flowers
++	Centella	All, family: Umbelliferae	Low shrub
+++	Cestrum nocturnum (Queen of the night)	All, green and dried	Family: Solanaceae
++	Cherry Laurel	Leaves. Not normally palatable to stock.	Family: Rosaceae

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++++	Climbing Lily	All, extremely toxic	Family: Liliaceae
++	Daffodils	All. Toxic when stem and bulb of 1 plant worth eaten. Seldom eaten by stock.	Family Amaryllidaceae
++	Daphnes	All parts contain toxin Family: Thymelaeaceae	sweet-smelling garden bush
++	Datura (Thorn Apple)	All parts, especially seeds	Family: Solanaceae
++++	Deadly Nightshade (Atropa Belladonnas)	All parts, highly poisonous, including dried	Family: Solanaceae
+++	Delphinium	All, green or dried	Family: Ranunculaceae
+	Fathen	Stem and roots accumulate nitrates. Has killed cows in NZ.	Family: Chenopodiaceae
+++	Field Horsetail	Thought to be toxic to horses and cattle. Toxicity not reduced when dried	Family: Equisetaceae
+++	Foxglove (Digitalis)	Poisonous to stock in quantity, dried more toxic. Affects heart Family: Scrophulariaceae	Large furry leaves- tall flower spike with purple bell flowers
+	Groundsel	All parts if sufficient ingested	Family: Compositae
+++	Hellebore	All, green or dried	Family: Ranunculaceae
+++	Hemlock	All, especially seeds, highly toxic even when dead/dried	weed to 2m, parsley to fern-like leaves Family: Umbelliferae
++	Horsebane	Leaves considered toxic	Family: Umbelliferae
+	Horse chestnut	Seeds (conkers) and leaves Family: Hippocastanaeae	English tree, deciduous
+	Inkweeds	red-black berries, leaves, roots. Unpalatable to alpacas Family: Phytolaccaceae	woody plant to 2m high with flower spike
++++	Iris	Leaves and corm highly toxic, both green and dries. Family: Iridaceae	Many are poisonous especially Stinking Iris with orange seeds
++	Ivy	All parts and all species, but mainly berries are eaten as leaves are bitter. Fatal when eaten in large quantities.	Family: Araliaceae evergreen climbing plant with shiny leaves
	<i>Poison Ivy</i>	<i>Can cause dermatitis in humans</i>	<i>Family: Anacardiaceae</i>
++	Jerusalem Cherry	All, especially berries Family: Solanaceae	shiny orange berries, small shrub, star-like flowers, pointed leaves
++	Karaka tree	Raw kernel of orange berries Family: Corynocarpaceae	NZ native, small green flowers, dark green leaves
++	Kowhais	All, especially yellow seeds in long pods Family: Leguminosae	NZ native, deciduous, drooping yellow flowers
++++	Laburnum (bean tree) (Golden Rain)	All, highly toxic, especially bark, seeds and unripened pods Family: Leguminosae	8 seeds, kidney shaped, in green pod, has yellow pea-type flowers
++	Lantana	Some species, green berries	Family: Verbenaceae
++	Lillies	<i>A few are poisonous – causes stinging in mouth</i>	<i>Family: Liliaceae</i>
++	Lily of the Valley	All, especially seeds Family: Liliaceae	Bulb- sweet-smelling white bell flowers

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++	Lily of the Valley Tree	All	Family: Ericaceae
?	Lobelias	All	
+	Macrocarpa	Can cause abortion in stock, known to cause death in calves when large intake. OK for male stock	Family: Cupressaceae
+	Mangels	Roots, when raw and eaten in excess	Family: Chenopodiaceae
?	Milkwood	Fruit, leaves, milky sap	weed to 40cm, greenish-yellow flowers
+	Milkweed	All, generally unpalatable to stock, high quantities considered toxic	Family: Euphorbiaceae
	MUSHROOMS	Many species both edible and inedible. Watch for Fly Agaric and Death Cap	Family: Basidiomycetes
++	Ngaio	All green parts and fruit Family: Myoporaceae	NZ native with pale spots in leaves
+	Oak	Acorns can be toxic to sheep, cattle and pigs	
+++++	Oleander	All, can be fatal. Green or dried. Smoke is also toxic.	garden shrub
+	Peach	Leaves and kernel considered toxic in large amounts	Family: Rosaceae
+	Pigeonwood	All parts suspected of being toxic	Family: Monimiaceae
+	Plum tree	Leaves and kernel considered toxic in large amounts	Family: Rosaceae
+	Poinsettias	milky sap blisters skin, stings mouth	garden plant
+	Ponderosa Pines	May cause abortion in stock	Family: Pinaceae
++	Poppy	All parts. Iceland poppy and Opium poppy	Family: Papaveraceae
++	Pororporo	Leaves, green fruit. Family: Solanaceae	NZ native, 2m, purple flowers. Green berries ripen to orange-yellow
+	Potatoes	all green parts	Family: Solanaceae
+	Privet	Leaves and berries are toxic if eaten in high quantities.	Family: Oleaceae
+	Pukatea	Bark known to be toxic to sheep Family: Monimiaceae	NZ native, up to 36m tree, serrated leaves.
++	Ragwort	All. Causes intestinal problems with prolonged feeding and high quantities.	Family: Compositae
+++++	Rhododendron Azalea	All, fatal. Even prunings, clippings fatal to stock (honey poisonous to humans)	Garden shrub to tree height.
++	Rockfern	Prolonged feeding thought to cause multiple haemorrhaging in stock.	Family: Adiantaceae
+	Rhubarb	Leaves. Leaf has oxalic acid – do not eat, raw or cooked	Family: Polygonaceae
++	Rhus	All. Plant toxin causing dermatitis in half of humans, inclusive smoke when burnt	
+	Robinia	Bark known to be toxic to horses and man	Family: Leguminosae
++	Sheep Sorrell	Continual usage builds up oxalate	Family: Polygonaceae

MANAGEMENT OF PASTURE RELATED DISEASES & PROBLEMS

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		crystals in sheep	
++	Spindle Tree	All parts toxic, especially berries	Family: Celastraceae
+	St. John's Wort	All, oversensitivity to light	Family: Hypericaceae
+	Star of Bethlehem	Bulbs only thought to be toxic	Family: Liliaceae
++	Storksbill	Seed head can work through fleece and pierce skin. High intake known to cause staggers in sheep and cattle.	Family: Garaniaceae
?	Strathmore weed	Known to be toxic to horses and cattle	Family: Thymelaeaceae
++	Sweet peas	Pods poisonous to stock	Family: Leguminosae
+	Stinging nettle	Harmful if touched, especially native tree nettle	
++	Thorn Apple (Datura)	All parts, especially seeds	Family: Solanaceae
+	Tree Nettle (Onga onga)	Stinging hairs. Unlike to be found in pastures. Known to kill horses and dogs.	NZ native to 2.5m Family: Urticaceae
	Tung Tree	All	Family Euphorbiaceae
+++	Tutu (Toot)	All, especially black grape-like berries (& honey)	Family: Coriariaceae NZ native – climber and shrub
+	Waoriki	All	Found in waterways Family: Ranunculaceae
+	Wattle	Some species suspected of poisoning stock	Family: Leguminosae
+	Wax tree	harmful if touched	
?	White cedars (aka Chinaberry, Indian bead, Persian lilac)	All	small deciduous tree
+++++	Yew (Taxus)	All. Especially berry with poisonous seed, even dried and wilted leaves. DEADLY Readily eaten by stock	Many different shapes, mostly in parks and gardens Family: Taxaceae