

Solanum aviculare
***Solanum laciniatum*,**

Common name:

Kangaroo apple,

Palatability:

Occasionally eaten.

Toxicity to Goats:

Low risk.

Toxicity to Other Species:

Potentially toxic to sheep and cattle.

Poisonous Principle:

Steroidal alkaloid glucocides, solasodine.

Effects:

Signs and symptoms;

- . Burning of mouth,
- . Severe diarrhoea,
- . Deep nervous depression,
- . Paralysis and gastro-intestinal irritation.

Health and Production Problems;

- . Weight loss.
- . Death, maybe due to heart failure after a week of illness.

Treatment;

See Vet.

Integrated Control Strategy:

- . Control achieved by pasture management.

Comments:

- . A short lived perennial, fast growing small shrub, with an open habit, similar to *S. lactinatum*, the southern spp.
- . On young plants, leaves are deeply divided into narrow segments. Older plants have leaves with irregular lobes.
- . Leaves are long and dark green, stalks often purplish.

- . Flowers are in bunches in forks of leaves, blue to purple, star-shaped, five cms across, spring to summer flowering.
- . The fruits hang down, bright orange or yellow to red when ripe, with many seeds in a soft pulp in an oval capsule. They are sickly sweet with a bitter aftertaste.
- . Found in bushland and waste ground, in sub-tropical and temperate regions of Australia.
- . A native to Australia and the Pacific region.
- . All parts are toxic, except the burst ripe berries.
- . There are two similar *species*, one in southern regions the other in the tropics, found on moist well-drained soils.
- . In Europe, this plant is farmed to produce solanine for contraceptive pills.



Picture *Solanum aviculare*

References;

- . Cribb and Cribb. Wild Medicine in Australia. 1990.
- . Everist. Poisonous Plants of Australia. 1981.
- . Harden. Flora of NSW. 1992.
- . Lamp and Collett .
Field Guide to Weeds in Australia. 1979.
- . Shepherd. Pretty but Poisonous. 2004.
- . Simmonds, Holst and Bourke. Palatability and Potential Toxicity of Australian Weeds to Goats. 2000.