

Nicotiana tabacum

Common name:

Tobacco.

Palatability to Livestock:

Seldom eaten.

Toxicity to Goats:

Moderate risk.

Toxicity to Other Species:

Livestock and domestic pets.

Poisonous Principle:

Pyridine alkaloids, nicotine.

Effects:

Signs and Symptoms:

- . Salivation, nausea, vomiting,
- . Diarrhoea,
- . Clammy cold skin, palpitations.

Health and Production Problems:

- . Long term smoking causes lung cancer.
- . Skin irritant, may cause allergies.

Treatment:

Do not smoke.

Integrated Control Strategy:

- . Legal restrictions may apply.
- . Weed out, use herbicide.

Comments:

- . Native to tropical America.
- . An annual or short lived perennial, erect herb, growing to 3 m high, and 1m across.
- . Leaves are pale green, alternate, up to 45 cms long, oval, tapering to a point, and may have a covering of fine hairs.
- . Flowers are white, with pink or green shadings, long, slender, with a flared open tip, summer to autumn flowering.

- . Pods are round with many tiny seeds.
- . All parts are toxic, especially the leaves.



Picture: *Nicotiana tabacum*
Helen Simmonds. Calga NSW.

Further Reading:

- . Shepherd. Pretty but Poisonous. 2004.