

Brugmansia candida

Common name:

Angel's trumpet, Datura,

Palatability to Livestock:

Occasionally eaten.

Toxicity to Goats:

Low risk to goats.

Toxicity to Other Species:

Potentially toxic to all animal species.

Poisonous Principle:

- . Tropane alkaloids, notable scopolamine.
- . Atropine.

Effects:

Signs and Symptoms;

- . Staggering gait, recumbency, dilated pupils and rapid respiration rate.
- . Halucination, delirium, thirst, dilation of the pupils, irritability.
- . Gastroenteritis.

Health and Production Problems;

Affected animals may die.

Treatment;

See Vet or Doctor.

Integrated Control Strategy:

- . Place clippings into a bag and dispose of carefully.
- . Do not feed these clippings to any livestock.
- . Burn, but be aware that smoke can be toxic.

Comments:

- . A garden plant.
- . A large, soft-wooded shrub, sparingly branched.

- . Grown for their large, showy, white, pink or yellow flowers.
- . All parts of this plant are potentially toxic, but episodes tend to be restricted to the accidental ingestion of large amounts of seeds, when present as contaminants in other fodder.
- . Leaves are large, oval and drooping, often in pairs – one larger than the other, wavy edges.
- . Flowers are trumpet-shaped, with flaring margins.
- . All cultivated varieties are from Chile, or Columbia where they were historically used for their hallucinatory effects.
- . In humans, delerium, convulsions and violent behaviour.
- . Ingestion of flowers and infusions of leaves give rise to hallucinations. Atropine induces toxic psychosis.
- . Flowers, seeds and nectar all toxic.



Picture: *Brugmansia candida*
Helen Simmonds. Calga, NSW.

Further Reading:

- . Everist.. Poisonous Plants of Australia. 1981.
- . McBarron. Medical and Veterinary Aspects of Plant Poisons in NSW. 1976
- . Shepherd. Pretty but Poisonous. 2004.