

## *Terminalia oblongata*

### **Common name:**

Yellow-wood,

### **Palatability to Livestock:**

Not known to be eaten.

### **Toxicity to Goats:**

Low risk.

### **Toxicity to Other Species:**

Toxic to sheep and cattle.

### **Poisonous Principle:**

Hydrolysable tannins.

### **Effects:**

*Signs and symptoms;*

- . Protein binding, nephrotoxic, hepatotoxic.
- . Nervous symptoms, usually in sheep.
- . In cattle, dark brown urine,
- . Depression,
- . Limb stiffness,
- . Collapse and trembling.

*Health and Production Problems;*

- . Kidney damage, jaundice,
- . Long term ill-thrift,
- . Photosensitization.

*Treatment;*

- . High protein concentrates may help.
- . Be aware of potential stock problems.

### **Integrated Control Strategy:**

- . Clear timber, and grub out roots, to avoid regrowth.
- . Trees are sensitive to fire.
- . Difficult to kill with herbicides.

### **Comments:**

- . A bushy tree growing up to 12 metres high.
- . Branching starts from close to the ground.
- . Bark on the trunk is dark grey, furrowed and flakey.

- . The wood is fine grained and a deep yellow.
  - . Leaves are alternate, pale green to yellow green, with rounded tips.
  - . Deciduous after a severe frost.
  - . Flowers are tiny and hard to find.
  - . Fruits have a wing on both sides.
  - . Cutting this tree for drought fodder will keep the sheep alive, but may lead to premature death from chronic kidney disease.
  - . After grazing on this plant, sheep should be handled quietly to avoid activating problems.
  - . Cattle should be kept away from fallen leaves in winter, but this is not always practical.
  - . Cattle show two forms of “Yellow-wood poisoning” – acute and chronic.
  - . “Acute form is known as Mackenzie River Disease, characterized by abdominal pain, photosensitization and dehydration.”
- Ref, Everist.



Picture: *Terminalia oblongata*

### **Further Reading:**

- . Dowling and McKenzie. Poisonous Plants. 1993.
- . Everist. Poisonous Plants of Australia. 1981.
- . McKenzie. Veterinary Clinical Toxicology 2000.
- . Simmonds, Holst and Bourke. Palatability and Potential Toxicity of Australian Weeds to Goats. 2000