

DESMANTHUS

Desmanthus virgatus

Fabaceae

ECHO® 植株信息表

描述

Desmanthus is a perennial, nitrogen-fixing tropical shrub that can be used as a green manure/cover crop and as fodder for livestock. This shrub is adaptable to a range of environments and is tolerant of drought.

起源

Native to the American tropics and subtropics.

用途

Desmanthus is a legume that can be used as a green manure/cover crop and as fodder for livestock. It grows to 2-3 meters high without clipping and grows back quickly after cutting or livestock browsing. It can also be used as a living fence or in alley cropping. It tolerates drought and can be invasive at low levels of rainfall. The leaves do not contain the toxins (mimosine) found in other legumes such as *Leucaena*.

通用名称

- 英语
 - Desmanthus
 - Hedge Lucerne
 - False Tamarind
 - Donkey Bean
 - Bundle Flower
 - Dwarf Koa
 - Wild Tantan
- 西班牙语
 - Guajillo
 - guajito
 - guashillo

栽培

Plant seeds in furrows at the end of the dry season. Seeds should be planted 1 cm deep, at a rate of 8-20 kg/ha (depending on furrow distance). Seed can be treated with sulfuric acid for 8 minutes to break dormancy.

收获和种子生产

The first cutting should be 90-120 days after sowing. Wait 35-45 days in the rainy season before cutting again, and 45-60 days in the dry season. The optimum height for cutting is 50 cm, at intervals of 45 days. Consistent cutting will produce a broad root crown. Stems are softer than *Leucaena* and easier to cut. Feed to livestock at 0.8 to 1% of body weight or 20-22% of dry matter ration.

参考文献

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