

BEACH BEAN

Canavalia rosea (formerly *maritima*)

Fabaceae

ECHO® 植株信息表

描述

Canavalia rosea is a leguminous, drought and salt tolerant vine adapted to growing under very dry and hot conditions. Vines are widely distributed on beaches and dunes in the tropics and subtropics, also western and northern Australia. They can reach lengths of 6 m, with a compact canopy 15-30 cm high. Flat, woody pods filled with seeds are 10-15 cm long.

用途

C. rosea is cultivated as a green manure cover crop, or as a forage crop for cattle. Its long taproot, habit of rooting at each node, and fast growth make it a good choice for eroded, sandy soils.

通用名称

- 英语
 - Bay Bean
 - Mackenzie Bean
 - Seaside jack bean
 - Coastal Jack Bean
- 西班牙语
 - frijolillo
 - haba poroto de playa
 - mate de costa

栽培

- **Elevation** - unclear
- **Rainfall**- drought-tolerant; tolerates high humidity
- **Soil Types** - sandy, rocky soils that are well-drained; acid or slightly alkaline.
- **Temperature Range** - unclear
- **DeLength Sensitivity** – unclear
- **Light** – prefers full sun

收获和种子生产

Seeds germinate easily if the seed coat is punctured or nicked to allow water absorption and gas exchange (scarification). Cuttings root rapidly when a stem tip with at least two nodes is used. New growth can reach 1.2–1.5 m in 2-3 weeks. Pods should be allowed to dry on the plant. They will split open (dehisce) when seeds are ready to be harvested.

病虫害

No serious pests or diseases known.

烹饪与营养

Not for human consumption.

参考文献

"Canavalia Rosea." *Florida Native Plant Society*, www.fnps.org/plants/plant/canavalia-rosea.

Gilman, Edward F. *Canavalia maritima* Beach Bean, Bay Bean. *EDIS New Publications RSS*, Environmental Horticulture, 11 Aug. 2015, edis.ifas.ufl.edu/fp100.