

# BEACH BEAN

*Canavalia rosea* (formerly *maritima*)

Fabaceae

ECHO® KARATASI YA MAELEZO YA KUPANDA

## Maelezo

*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.

## matumizi

*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.

## Majina ya Kawaida

- English
  - Bay Bean
  - Mackenzie Bean
  - Seaside jack bean
  - Coastal Jack Bean
- Spanish
  - frijolillo
  - haba poroto de playa
  - mate de costa

## kilimo

- **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

## uvunaji na uzalishaji wa mbegu

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.

## wadudu na magonjwa

No serious pests or diseases known.

## mapishi na lische

Not for human consumption.

## Marejeleo

"*Canavalia Rosea*." *Florida Native Plant Society*, [www.fnps.org/plants/plant/canavalia-rosea](http://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](http://edis.ifas.ufl.edu/fp100).