

## Casuarina Junghuhniana, Rhu - 0.5 Kg Seeds



Casuarina junghuhniana, cassowary, kasuari, rhu, Savukku maram

Rating: Not Rated Yet

### Price

Sales price R 1,607

Discount

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### Description

Casuarina junghuhniana has become a preferred crop of farmers in South India because of its following characters:

C. junghuhniana clones are fast growing both in coastal and inland sites.

Nitrogen fixing capacity, shorter gestation period of only 4 years, good fuel wood, good value when harvested for poles, preferred in construction industry for scaffolding and for supporting Banana plants because of its inherent character of giving straight polls, drought tolerance capacity, high calorific value of wood (preferred crop for Biomass power plants), and good pulping traits for manufacture of paper.

Before further reading, readers are requested to go through my previous posts on this subject in this link.

**Common name:** she oak, red-tipped ru, mountain ru, forest oak, kasuari, cemara gunung, ajaob, adjaob

**Height:** 25 to 35 feet

**Difficulty level:** Easy

### Planting & Care

Casuarina junghuhniana is a fast-growing, deciduous tree 15-25 (max. 35)m tall; trunk diameter 30-50 (max. 65) cm; crown somewhat open.

Branching dimorphic with normal woody branches and determinate, deciduous branchlets.

Leaves reduced to scales, in whorls of 9-11 (max. 13) that define articulations.

Flowers unisexual. Male inflorescence a cylindrical or slightly clavate spike, 3-8 cm long, borne on the apex of a deciduous branchlet; sheathing bracts hairy outside. Female inflorescence in the axil of scale leaves on permanent shoots, cone-shaped, ellipsoid, truncate, 1-2 cm long, reddish; bracts 18-20-seriate, broadly obtriangular; bracteoles oblong-obovate, rounded or very obtuse, thick, 5-6 x 2.5-3 mm.

Infructescence a woody conelike structure. Fruit a grey or yellow-brown winged nut (samara), small, 2-3 mm wide and 4-5 mm long including wing. Seed solitary.

**Sunlight:** Full Sun

**Soil:** The tree thrives best on loose sandy soils, laterite, rich loamy soils & some marshy places in open areas, where pH varies between 4.8 and 8.4. It prefers sandy soil with high water table during the summer. The species can also grow in saline & alkaline soils. Heavy, clayey soils & soils with poor drainage are detrimental to its growth. This may be because of the reason that the activity of nitrogen fixing bacteria in the root nodules is inhibited in such soils. Good plantations can be seen on laterite soils and well drained sandy loams. The tree is able to survive on poor soils because of its capability to trap atmospheric Nitrogen. The soil includes coastal sand, shifting sterile sand, river alluvium, sandy loam with high water table, red loam, red gravelly loam and hard laterite etc. Topography ranges from coastal flats, to very gently undulating terrain.

**Water:** It has been planted successfully in areas with annual rainfall as little as 200-300 mm or as much as 5,000 mm. Altitude : This is a low land tree that can be planted from sea level upto 1,500 m.

**Temperature:** It is mainly planted in areas with tropical & hot subtropical climates with the mean annual temperature being 28 C. It is light demander requiring bright sunshine for best growth and development. The monthly mean maximum temperature in its native area is 15 C - 33 C, but it is adapted to a wide range of temperatures. On the coasts of the Indian Peninsula, where it thrives well, the absolute maximum shade temperature varies from 35.56 to 41.11 C and the absolute minimum ranging from 7.22 to 17.22 C.

**Fertilizer:** The fertilizer applications must be continued till the third year of planting.

**Special Feature:**

Casuarina have root nodules containing nitrogen-fixing actinomycetes micro-oganism called Frankia. They are, therefore, not dependent on soil nitrogen for good growth. The species is moderately tolerant to calcareous and slightly saline soils and is a very poor performer on heavy soils such as clays. It can withstand partial water logging for a very short period.

Use

**Reference:**

<http://tropical.theferns.info/viewtropical.php?id=Casuarina+junghuhniana>

**Reviews**

There are yet no reviews for this product.