



WHITE NJAVAL

(*Syzygium cumini*)

It is an evergreen tropical tree in the flowering plant family Myrtaceae. Its dense foliage provides shade and is grown just for its ornamental value.

Origin: It is native to the Indian Subcontinent and adjoining regions of Southeast Asia.

Distribution: Thailand, Philippines, Madagascar.

DESCRIPTION

TREE

A slow growing species, it can reach heights of up to 30 m and can live more than 100 years. At the base of the tree, the bark is rough and dark grey, becoming lighter grey and smoother higher up. The wood is water resistant.



FLOWER

The flowers are fragrant and small, about 5 mm in diameter

FRUIT

Fruits are cylindrical in shape and the usual practice is to consume them without peeling off skin and removing the embedded seed while chewing.





PLANTING CARE

Planting material : vegetative propagation

Planting method : raised bed/ container

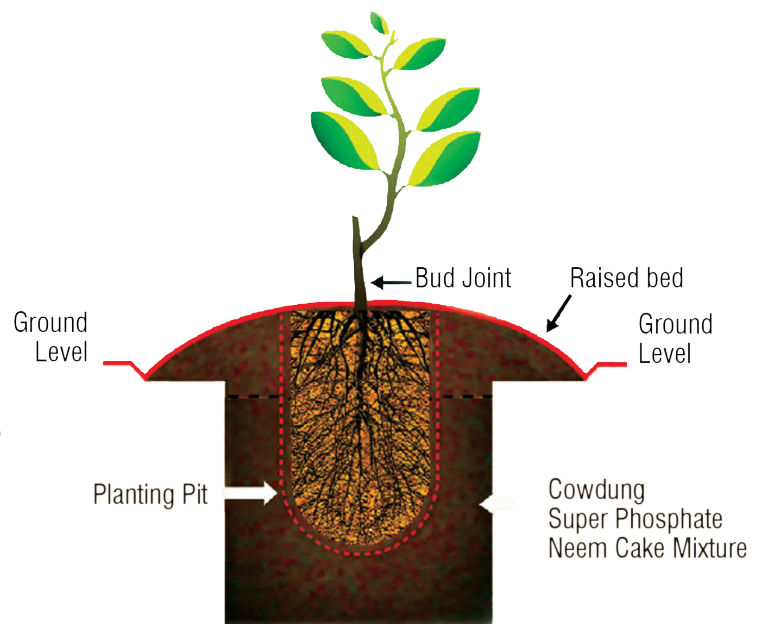
Pit size : 2x 2x2 ft

Canopy shape : semi- spreading

Canopy height : 10ft -15ft

Season : more than one

Ideal location : mid land, low gradient slope



1x1x1 Meter Square pit for Planting



IDEAL GROWING CONDITIONS

- ❖ Irrigation : Irrigate the plants initially for establishment. During prolonged dry periods.
- ❖ Sunlight requirement : full sunlight.
- ❖ Soil Type : Most soil type.
- ❖ Temperature : 22-40^oc
- ❖ RH : 50-70%
- ❖ Elevation : 0-2000ft
- ❖ Rainfall : 800-2000mm
- ❖ Planting space : 10 x 10ft
- ❖ Training & Pruning : yes
- ❖ pH : 5.5 to 6.5
- ❖ Pollination : self pollinated



NUTRITION MANAGEMENT

Inputs	1st year	2nd year	3rd year	Frequency/stage
NPK	100g	150g	200g	2 split doses
Composted cattle manure	2 kg	3 kg	4 kg	2 split doses
Micronutrients	10g	15g	20g	twice a year
Dolomite	100g	150g	200g	before monsoon

WATER REQUIREMENT

Age of the tree	Quantity of water/Tree/Day
1 Years	5 Liters
2 Years	10 Liters
3 Years	15 Liters



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