



KUDAMPULI MALABAR TAMARIND

(*Garcinia gummi gutta*)

Garcinia is known as Malabar tamarind, brindle berry. The fruit pulp and rind have long been used in Asian countries as a condiment and food preservatives. Garcinia is a genus of flowering plants in the family Clusiaceae.

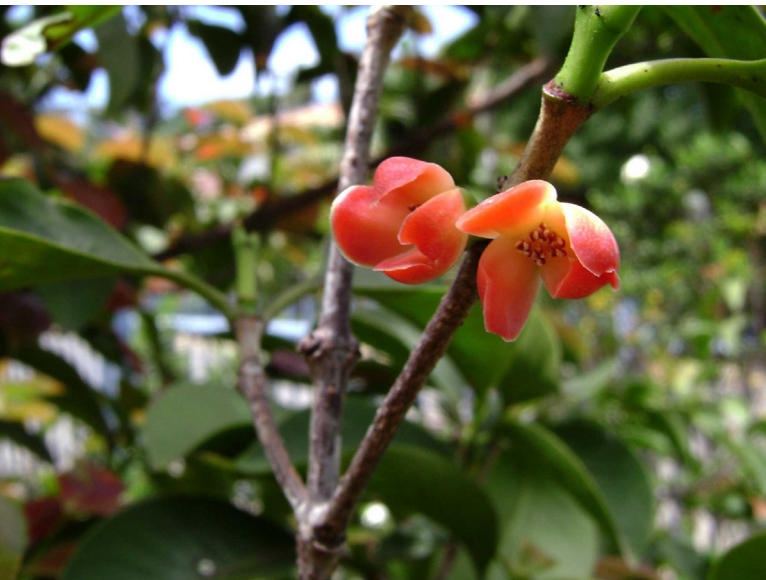
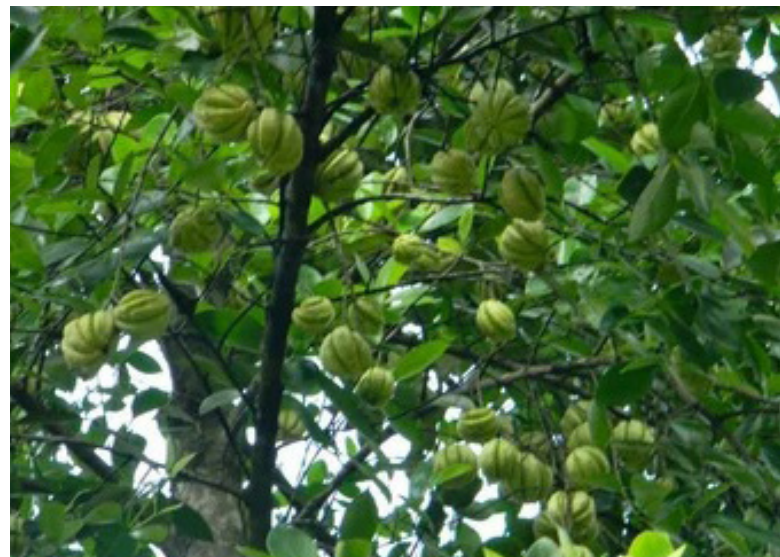
Origin: Southeast Asia.

Distribution: Asia, South Africa, and Polynesia.

DESCRIPTION

TREE

Perennial tree with rounded crown with leaves elliptic and glabrous.



FLOWER

Polygamous, in axillary or terminal clusters; calyx cream; petals pink.

FRUIT

Berry, globose, 6-8 grooved to 5cm in diameter; many-seeded.





PLANTING CARE

Planting material : vegetative propagation.

Planting method : Raised bed/ Trench farming or terrace farming (Slopes).

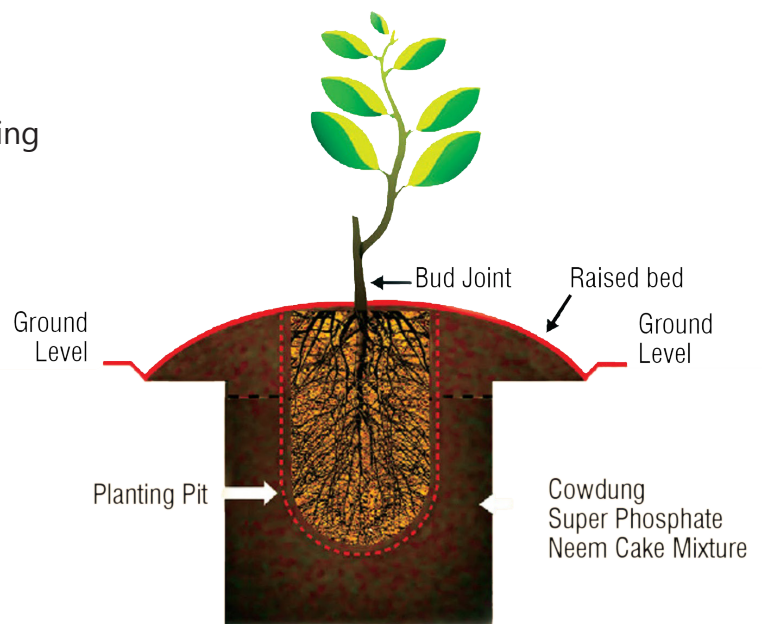
Pit size : 2x2x2ft.

Canopy : semi-spreading.

Canopy height : 15 - 20ft.

Season : June - July.

Ideal location : Plains, low lands and low gradient slopes.



1x1 Meter Square pit for Planting



IDEAL GROWING CONDITIONS

- ❖ Sunlight requirement : full sunlight.
- ❖ Irrigation : young and juvenile plants require regular watering.
- ❖ Soil type : Suitable for most soil types.
- ❖ Temperature : 25-38°C.
- ❖ Relative humidity : 60-80%.
- ❖ Elevation : 0 to 2000ft.
- ❖ Rainfall : 1500- 2500mm.
- ❖ Planting space : 10x10 ft.
- ❖ pH : 5.5 to 6.5.
- ❖ Pruning : yes.
- ❖ Training : yes.
- ❖ Pollination : self pollinated.
- ❖ Scope of value addition : Medicinal uses, Dried tamarind used in food.



NUTRITION MANAGEMENT

Inputs	1st year	2nd year	3rd year	Frequency/stage
NPK	80g	150g	200g	2 split doses
Composted cattle manure	3 kg	5 kg	8 kg	2 split doses
Micronutrients	10g	15g	20g	twice a year
Dolomite	100g	200g	250g	before monsoon

WATER REQUIREMENT



Age of the tree	Quantity of water/Tree/Day
1 Years	5 Liters
2 Years	10 Liters
3 Years	12 Liters



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