

SEEDLESS LEMON

(*Citrus sp*)

Seedless lemons are similar in size and shape to typical lemons, with the only difference being the lack of seeds. Seedless lemons have an oval shape, with thick yellow skin. Belonging to the family Rutaceae.

Origin: Thailand.

DESCRIPTION

TREE

Small evergreen tree in the family Rutaceae. The tree has a spreading, upright growth habit, few large branches and stiff thorns. The tree possesses large, oblong or oval, light green leaves and produces purple-white flowers in clusters.



FLOWER

The mildly fragrant flowers may be solitary or there may be 2 or more clustered in the leaf axils. Buds are reddish; the opened flowers have 4 or 5 petals 3/4 in (2 cm) long, white on the upper surface (inside), purplish beneath (outside), and 20-40 more or less united stamens with yellow anthers.



FRUIT

The lemon fruit is an ellipsoid berry surrounded by a green rind, which ripens to yellow, protecting soft yellow segmented pulp.





PLANTING CARE

Planting material : Vegetative propagation.

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

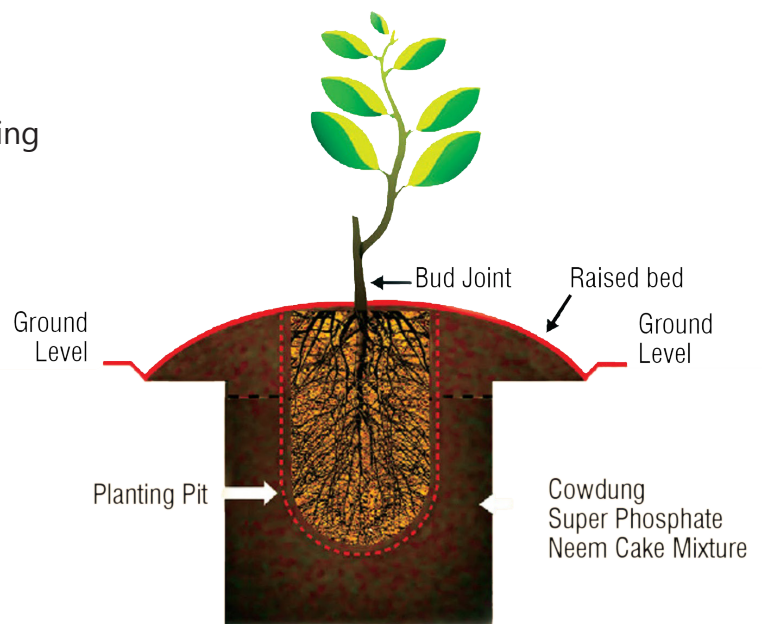
Pit size : 2x2x2ft.

Canopy : semi- spreading.

Canopy height : 8 -10 ft.

Season : More than one season.

Ideal location : low land, plains and high gradient slopes.



1x1x1 Meter Square pit for Planting

IDEAL GROWING CONDITIONS

- ❖ Sunlight requirement : Full sunlight.
- ❖ Irrigation : irrigation is recommended during fruit development.
- ❖ Soil Type : suitable to most soil type.
- ❖ Temperature : 22 to 38°C.
- ❖ RH : 60-80%.
- ❖ Elevation : 0-2300 ft.
- ❖ Rainfall : 1000 to 2500 mm.
- ❖ Planting space : 8x8 ft.
- ❖ pH : 5.5 to 6.5.
- ❖ Pruning : yes.
- ❖ Training : yes.
- ❖ Pollination : self pollinated.
- ❖ Scope of value addition : Pickle, Juice.





NUTRITION MANAGEMENT

Inputs	1st year	2nd year	3rd year	Frequency/stage
NPK	80g	150g	200g	2 split doses
Composted cattle manure	2 kg	3 kg	6 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	3 Liters
2 Years	5 Liters
3 Years	8 Liters



PEST AND DISEASES

- sucking pest** : Verticillium 10ml/l.
- Sooty mould** : spray copper oxychloride-3g/l.



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