



## SWEET SANTOL

(*Sandoricum koetjape*)

Native to South East Asia, Sweet Santol is grown as a homestead fruit tree in Thailand and Philippines. Pui-pha is a superior variety developed by Thailand. Branches are rather long and leaves in their tender stage appear in shiny green colour, but turns red with the passage of time, hence can be grown as an ornamental shade tree as part of landscaping. Trees grow up to 12 metres in height and the timber quality is fairly good.

**Origin:** Thailand.

**Distribution:** Indo-china, Sri Lanka, India, Northern Australia, Mauritius, and Seychelles.



### DESCRIPTION

#### TREE

The santol is a fast-growing, straight-trunked, pale-barked tree, branched close to the ground and buttressed when old. Young branchlets are densely brown-hairy.



#### INFLORESCENCE (FLOWERS)

The greenish, yellowish, or pinkish-yellow, 5-petaled flowers, about 3/8 in (1 cm) long are borne on the young branchlets in loose, stalked panicles 6 to 12 in (15-30 cm) in length.



#### FRUIT

Fruits are Yellow in colour with an overlay of golden hue and each weigh about 250-750 grams. Sweetness is the overarching taste but with a touch of tanginess and it is exactly this unique taste that draws fruit lovers to it.





## PLANTING CARE

**Planting material :** Vegetative Propagated.

**Planting method :** Raised bed/ terrace farming.

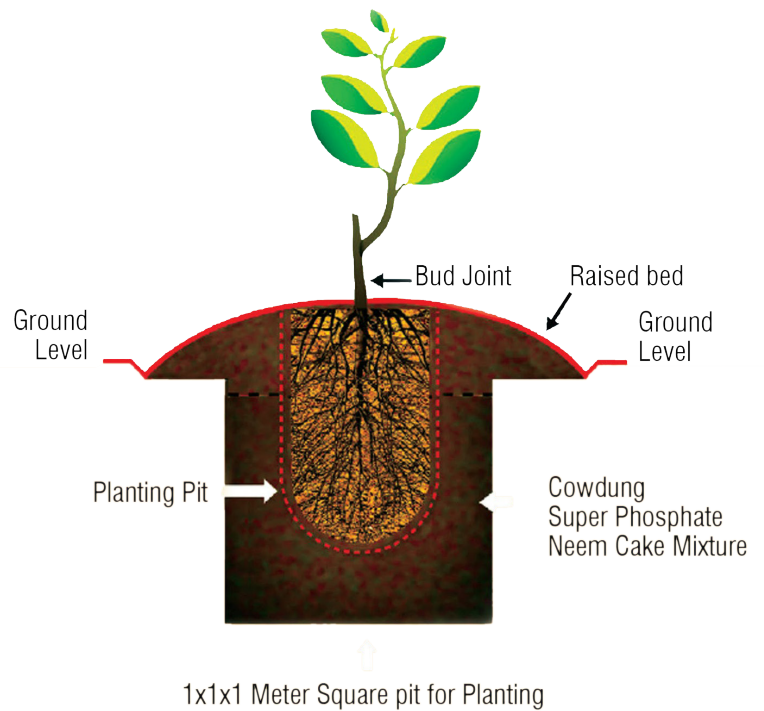
**Pit size :** 3x3x3 ft.

**Canopy width :** 30 ft.

**Canopy height :** 40 ft.

**Season :** May - early June.

**Ideal location :** Suitable for most areas except sandy soil and low temperature .



## IDEAL GROWING CONDITIONS

- ❖ Sunlight requirement : full sunlight
- ❖ Temperature : 22 to 35°C
- ❖ Rainfall : 1500 - 2000mm
- ❖ Relative humidity : 60-80% RH.
- ❖ Soil pH : 5.5 to 6.5
- ❖ Soil type : Laterite and sandy loam
- ❖ Elevation : 0-2000ft MSL
- ❖ Spacing : 30 x 30 ft
- ❖ pH : 5.5 to 6.5
- ❖ Pruning : yes
- ❖ Training : yes
- ❖ Pollination : self pollinated
- ❖ Scope of value addition : Pickle





## NUTRITION MANAGEMENT

Inputs	1st year	2nd year	3rd year	Frequency/stage
NPK	100g	200g	300g	2 split doses
Composted cattle manure	5 kg	8 kg	12 kg	2 split doses
Micronutrients	10g	15g	20g	twice a year
Dolomite	150g	200g	300g	before monsoon

## WATER REQUIREMENT

Age of the tree	Quantity of water/Tree/Day
1 Years	10 Liters
2 Years	15 Liters
3 Years	20 Liters



## PEST AND DISEASES

**Leaf-eating insects** : Spray neem oil 5ml/l



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