



## SAPOTA (*Manilkara zapota*)

Sapota is a delicious calorie-rich fruit. This fruit is known as Chikoo in India. Sapota is a delicious tropical fruit that belongs to the Sapotaceae family

**Origin:** Native to Southern Mexico, Central America and the Caribbean.

**Distribution:** Philippines, India, Pakistan, Thailand, Malaysia, Cambodia, Indonesia, Vietnam, Bangladesh and Mexico.



### DESCRIPTION

#### TREE

*M. zapota* is an evergreen, slow-growing tree, 15-30ft in cultivation. The crown is semi-spread to rounded. Branches are horizontal or drooping.



#### FLOWER

Flowers are inconspicuous, bell-shaped, and white, 0.9 cm in diameter and borne singly or in clusters in leaf axils near the tips of branches.



#### FRUIT

The fruit is a berry, round to oval or conical, 5-10 cm in diameter, weighing 50 to 150 g (varies with varieties). Fruits mature year-round, but most abundantly from May to September. They are covered with a hairy, brown peel and have very sweet, light-brown to reddish-brown pulpy flesh, gritty to smooth in texture. Each fruit has 4-12 flattened, shiny, black seeds, each 1.9 cm in diameter.





## PLANTING CARE

**Planting material :** Vegetatively propagated.

**Planting method :** raised bed.

**Pit size :** 3 x 3 x 3 ft.

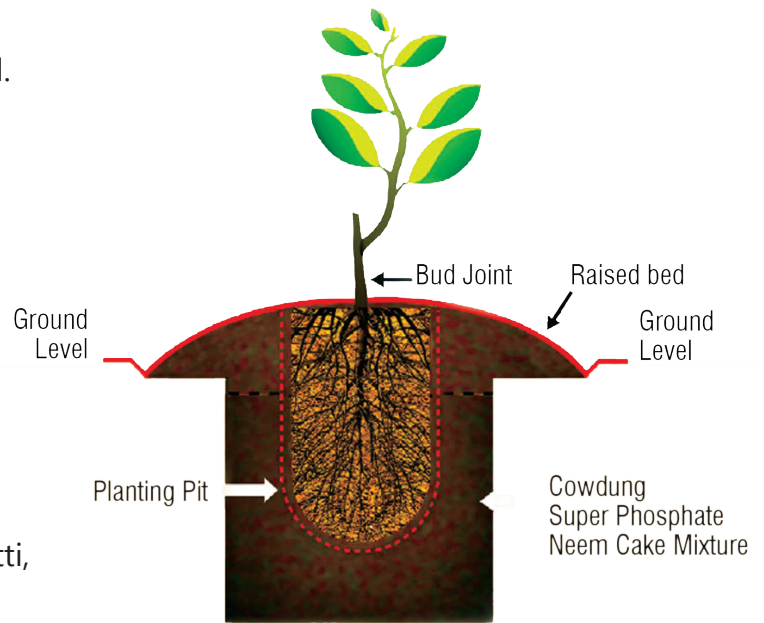
**Canopy width :** 25 ft

**Canopy height :** 30 ft.

**Season :** more than one season.

**Ideal location :** Low lands/ Plains

**Varieties:** Sapota cricket ball, Sapota Kalapatti, Sapota oval, Sapota Thai banana.



1x1 Meter Square pit for Planting

## IDEAL GROWING CONDITIONS

- ❖ Sunlight requirement : full sunlight.
- ❖ Temperature : 22-35 °C.
- ❖ Rainfall : 1200-2000mm.
- ❖ Relative humidity : 50-70 % RH.
- ❖ Soil pH : 6.5 to 7.
- ❖ Soil type : Most soil.
- ❖ Elevation : to 0 to 400m AMSL.
- ❖ pH : 5.5 to 6.5.
- ❖ Pruning : yes.
- ❖ Training : yes.
- ❖ Pollination : self pollinated.
- ❖ Scope of value addition : Juice, Shake.





## NUTRITION MANAGEMENT

Inputs	1st year	2nd year	3rd year	Frequency/stage
NPK	100g	200g	250g	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	8 Liters
3 Years	10 Liters



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