

Papaya

Varieties

Coorg Honey Dew :

Popularly known as 'Madhubindu' and is cultivated for **table** as well as **processing** purpose. The variety bears greenish-yellow oblong-shaped fruits with orange thick flesh and good flavour. The variety can be maintained pure by growing in isolation. Due to its excellent fruit quality it fetches good market value.

Pusa Dwarf :

It is a dioecious variety with dwarf plants and medium-sized (1-2 kg) oval fruits. The plant starts bearing from 25 to 30 cm above-ground level and is comparatively drought hardy. This variety is very suitable for **high-density** planting.

Pusa Giant :

Plants are vigorous, sturdy and tolerant to strong wind. It is a dioecious cultivar with big-sized (2.5-3 kg) fruits, suitable for **canning** industry.

Pusa Majesty :

A gynodioecious line, tolerant to viral diseases and root knot nematodes. The variety is suitable for **papain production** and is comparable to C0.2 variety for papain yield. The fruits are medium-sized, 1-1.5 kg in weight, round in shape and have better keeping quality. It starts fruiting 146 days from the time of transplanting. The variety is tolerant to root knot nematode.

Pusa Delicious :

This is a gynodioecious line with medium-tall plants, starts yielding 8 months after planting and has good quality fruits (10°-13° Brix). The fruit is medium-sized (1-2 kg) with deep orange flesh having excellent flavour. It is grown as a **table purpose** variety.

Pusa Dwarf :

Medium size fruits, oval in shape and suitable for high-density planting.

CO.1 :

It is selection from cultivar Ranchi done by TNAU, Coimbatore. The plant is dwarf in habit, producing the first fruit within 60-75 cm from the ground level. Fruit is medium-sized, spherical, has smooth greenish-yellow skin, flesh orange-yellow, soft, firm. It is moderately juicy with good keeping-quality. The objectionable papain odour is practically absent in the fruits.

CO.2 :

It is a selection purified from a local type at Agricultural College and Research Institute, Coimbatore. Fruits are medium-sized, obovate, greenish yellow, ridged at the apex, flesh red in colour, soft to firm, moderately juicy with good keeping-quality. It is a suitable type for **extraction of papain**. It gives 4-6g dried papain/fruit or 250-300 kg papain/ha.

CO. 3 :

The fruit of this hybrid (CO. 2 x Sun Rise Solo) is larger in size when compared with Solo and exhibits all the desirable attributes of Solo. Total soluble solids (TSS) is as high as 13.8° Brix and average fruit weight ranges from 1-1.5 kg. The fruits have a good keeping quality. Each tree yields 100-120 fruits in two years.

CO. 5 :

It is a selection from Washington and isolated for its high **papain production**. It produces consistently 14-15 g dry papain/fruit. It gives 75-80 fruits/tree in two years with an average yield of 1,500-1,600 kg dried papain/ha.

Washington :

It is a **table purpose** variety. Fruits are round to ovate, medium-large in size with few seeds. When ripe, skin attains a bright yellow colour. The average weight of fruit ranges from 1.5-2 kg. Male and female plants are separate.

Solo :

It is a **table purpose** variety. The fruits are small with deep pink pulp and a sweet taste. Excellent for kitchen garden.

Ranchi :

It is a variety from Bihar and popular in south India. The fruits are oblong with dark yellow pulp and sweet taste.

IIHR39 and IIHR54 :

Developed at IIHR, Bangalore. This variety bears medium sized sweet fruit with high TSS (14.5° Brix) and better shelf life.

Taiwan-785 :

This variety is cultivated for **table** as well as **processing purpose**. The plant is dwarf in habit, producing the first fruit within 60-75 cm from the ground level. Fruits are oblong with thick orange red sweet pulp. Each tree yields 100-125 fruits in one year. It has a good keeping quality and disease tolerant.

Taiwan-786 :

It is a gynodioecious variety cultivated for **table** as well as **processing purpose**. The fruits are oblong with a tasty sweet pulp having few seeds. The plant starts bearing fruits from 100 cm above the ground level. The fruit weigh between 1-3 kg and has excellent keeping quality.

Exotic Varieties :

USA

Table Purpose

Betty, Solo.

Germany

Table Purpose

Solo, Solo Sunrise, Solo Sunset, Red Amazon.

South Africa

Table Purpose

Hortus Gold

Australia

Table Purpose

Improved Petersen.