

# Tomato

## Varieties

### Vaishali

This is a determinate hybrid variety of tomato which produces medium sized (100 g) quality fruits. The variety is suitable for growing in hot and humid weather conditions. Variety is resistant to *Fusarium* and *Verticillium* wilts. Suitable for tomato **juice preparation**.

### Rupali

This is a determinate, compact growing, early tomato hybrid with good foliage cover which produces medium sized (100 g) round, firm, smooth and good quality fruits. The fruits are deep red in colour. Variety is resistant to *Fusarium* and *Verticillium* wilts. Suitable for **processing**.

### Rashmi

This is a determinate, widely adapted hybrid variety. The fruits are round, firm, smooth and with a good colour. Variety is resistant to *Fusarium* and *Verticillium* wilts. Suitable for **processing**.

### Rajni

This variety is very early growing and of determinate type. The fruits are round with red colour. The variety is suitable for long distance transportation.

### Pusa Ruby

Variety is released by IARI, New Delhi. It is an early growing cultivar, fruits have yellow stem end, slightly furrowed with uniform ripening. Variety is suitable for sowing both in spring-summer and autumn-winter seasons. Average yield is 32.5 t/ha. It is suitable for **table** as well as **processing** purpose.

### Pusa Early Dwarf

Variety is released by IARI, New Delhi. It is an early ripening cultivar of determinate type; fruits are flattish round, medium-large with yellow stem end. Fruits are ready for harvesting 75-80 days after transplanting. Average yield is 35 t/ha. It is suitable for **table** as well as **processing** purpose.

### Pusa 120

Variety is released by IARI, New Delhi. Fruits are medium-large with yellow stem end, smooth, attractive, uniform ripening. It is a heavy yielder and resistant to nematode.

## **Co 1**

Variety is released by TNAU, Coimbatore suitable for growing in Southern India. Fruits are round with yellow stem end, determinate and ripen uniformly.

## **Sioux (Indian Agricultural Research Institute)**

Variety is released by IARI, New Delhi. Variety is suitable for growing in the hills. Fruits are medium-large, round with yellow stem end. Suitable for short distance market.

## **Best of All**

Variety is released by IARI, New Delhi. Variety is of indeterminate type and suitable for growing in the hills. Fruits are borne in clusters, round, firm with green stem end.

## **Marglobe**

Variety is released by IARI, New Delhi. Crop matures late in the season. Fruits are large, round, smooth, juicy with green stem end. Variety is of indeterminate type and suitable for growing in the hills.

## **Roma**

Variety is released by IARI, New Delhi. Fruits are elliptical in shape with yellow and thick stem end. Variety is a prolific bearer, determinate with good foliage cover and suitable for **processing**.

## **Punjab Chuhra**

Variety is released by PAU, Ludhiana. Variety is of determinate type. Fruit are elliptical in shape with yellow stem end. Suitable for **processing**.

## **S-152:**

Variety is released by IARI, New Delhi. Fruits are egg-shaped with yellow stem end. Variety is of determinate type. Suitable for **canning** purpose.

## **Arka Vikas (Sel 22)**

Hybrid variety released by IIHR, Bangalore. Plants semi-determinate with dark green foliage. Fruits oblate, medium large (80-90 g.) with light green shoulder. Suitable for **table purpose**. Tolerant to heat and moisture stress. Crop is cultivated in Kharif/Rabi season and matures in 140 days. Average yield is 35-40 t/ha.

## **Arka Saurabh (Sel - 4)**

Hybrid variety released by IIHR, Bangalore. Plants semi-determinate with light green foliage. Fruits medium large (70-75 g.) round nipple tipped with light green shoulder. Suitable for **table purpose & processing**. Crop is cultivated in Kharif/Rabi season and matures in 140 days. Average yield is 30-35 t/ha.

## **Arka Meghali**

Hybrid variety released by IIHR, Bangalore. Plants semi-determinate with dark green foliage. Fruits oblate with light green shoulder, Suitable for **table purpose**. Crop is cultivated in Kharif season and matures in 125 days. Average yield is 16-18 t/ha.

## **Arka Ahuti ( Sel 11 )**

Plants are semi-determinate fruits oblong with 2-3 locules. Suitable for **processing**. Crop is cultivated in Kharif/Rabi season and matures in 140 days. Average yield is 42 t/ha.

## **Arka Ashish ( IIHR - 674 )**

Hybrid variety released by IIHR, Bangalore. Plants semi-determinate with dark green foliage. Fruits are square round, very firm thick fleshed. Develops deep red colour with TSS 48%. Concentrate fruit maturity with very good vine storability. Tolerant to powdery mildew. Suitable for **processing**. Crop is cultivated in Kharif/Rabi season and matures in 130 days. Average yield is 38 t/ha.

## **Arka Abha ( BWR 1 )**

Hybrid variety released by IIHR, Bangalore. Plants semi-determinate. Fruits oblate with light green shoulder. Fruits are medium large (75 g). Suitable for **table purpose**. Resistant to bacterial wilt. Crop is cultivated in Kharif/Rabi season and matures in 140 days Average yield is 43 t/ha.

## **Arka Alok ( BER - 5 )**

Hybrid variety released by IIHR, Bangalore. Plants determinate. Fruits large (120g) square round with light green shoulder. Suitable for **table purpose**. Resistant to bacterial wilt. Crop is cultivated in Kharif/Rabi season and matures in 130 days. Average yield is 46 t/ha.

## **Arka Vishal ( FM HYB -1 )**

High yielding hybrid variety released by IIHR, Bangalore. Plants have indeterminate growth habits. Fruits are large (140 g) with green shoulder. Suitable for fresh market and salad. Crop is cultivated in Kharif/Rabi season and matures in 165 days. Average yield is 75 t/ha.

## **Arka Vardan ( FM hyb -2 )**

High yielding hybrid variety released by IIHR, Bangalore. Plants indeterminate. Fruits large (140g) with green shoulder. Suitable for **fresh market** and **salad**. Nematode resistance. Crop is cultivated in Kharif/Rabi season and matures in 160 days. Average yield is 75 t/ha.

## **Arka Shreshta**

High yielding hybrid variety released by IIHR, Bangalore. Plant semi - determinate with light green foliage. Fruits medium large (70-75 g), round with light green shoulder. Fruits firm with good keeping

quality (17 days) and long transportability. Suitable for both **fresh market** and **processing**. Resistance to bacterial wilt. Crop is cultivated in Kharif/Rabi season and matures in 140 days. Average yield is 76 t/ha.

### **Arka Abhijit (BRH 2)**

High yielding hybrid variety released by IIHR, Bangalore. Plants semi - determinate with dark green foliage. Fruits round, medium large (65-70 g) with green shoulder. Thick fleshed, fruits have good keeping quality (17 days) and long transportability. Suitable for **table purpose**. Resistance to bacterial wilt. Crop is cultivated in Kharif/Rabi season and matures in 140 days. Average yield is 65 t/ha.

### **Exotic varieties:**

#### **USA**

##### **Processing purpose**

Amish Paste, Baylor Paste, Bulgarian Triumph, Carol Chyko's Big Paste, Grandma Mary's, Bellstar, Big Red Paste, Canadian Long Red, Denali, Hungarian Italian, Oroma, Palestinian, Peasant, Polish Paste, Red Sausage, Roma, San Marzano,

##### **Table & Processing purpose**

Opalka

#### **UK**

##### **Table Purpose**

Gardners delight, Chertia, Evita, Cherry Wonder.

Russia

##### **Processing purpose**

Debarao, Black Plum, Wonder Light

#### **Italy**

##### **Processing purpose**

Hogheart, Italian Gold Hybrid, La Rossa VF2, Milano