

ICAR - Indian Institute of Horticultural Research

Division of Fruit Crops

Mango hybrid Arka Udaya:

- Hybrid between Amrapali and Arka Anmol
- Semi-vigorous growth
- Bunch bearing of medium sized fruits
- Firm pulp with deep yellow colour
- Fruit weight : 230 -250g
- Pulp recovery: 68-70 %
- Excellent shelf life : 12-15 days



Mango hybrid Arka Suprabhath:

- Hybrid between Amrapali and Arka Anmol
- Medium vigorous growth
- Bunch bearing of medium sized fruits
- Firm pulp with deep orange colour
- Fruit weight : 250 – 300g
- Pulp recovery: 70 %
- Shelf life : 8-10 days



Annona hybrid Arka Sahan:

- Progeny of atemoya cv. Island Gem X custard apple cv. Mammoth
- Average fruit weight 410 g with assisted pollination using *Annona squamosa* pollen
- Fruit peel green and thick (0.5 cm).
- High TSS ($\geq 30^{\circ}\text{B}$); less seeds (9/100 g pulp).
- Eight tonnes of high quality fruits / ha with assisted pollination



Guava variety Arka Mridula:

- Selection from open pollinated seedlings of Allahabad Safeda.
- Plants semi-vigorous and spreading.
- Fruits round in shape weighing about 180 g.
- Pulp white in colour; TSS 12° Brix.
- Fruits good for jelly making; Keeping quality is good.
- Seeds soft.



Guava hybrid Arka Poorna:

- Progeny selection of the cross Purple local X Allahabad Safeda
- Semi vigorous and prolific bearing
- Fruits round in shape and big (200-230 g)
- Pulp white in colour; TSS is 10-12° Brix.
- Suitable for both table and processing purpose

**Guava hybrid Arka Kiran:**

- Hybrid between Kamsari and Purple Local
- Semi vigorous in growth habit
- Fruits round in shape and medium size (230 g)
- Pulp dark red in colour: TSS 12° Brix with high lycopene (5 to 7 mg/100g)
- Seeds medium soft (7kg/cm²)

**Guava hybrid Arka Rashmi:**

- Hybrid between Kamsari and Purple Local
- Fruit weight : 200 - 220g; TSS 12.0°Brix
- Rich in ascorbic acid (235mg/100g) and lycopene (4 mg/100g);
- Seeds medium soft (8kg/cm²)
- Pulp deep pink in colour

**Papaya hybrid Arka Surya:**

- Gynodioecious hybrid from the cross Sun Rise Solo X Pink Flesh Sweet
- Fruit weight 600 to 800g
- Pulp pink in colour; TSS 13-14°B
- Yield 40-50 t / acre

**Papaya hybrid Arka Prabhath:**

- Gynodioecious hybrid from the cross (Arka Surya X Tainung-1) X Local Dwarf
- Fruit weight 1200 to 1500g; Good shelf life
- Pulp pink in colour; TSS 13-14°B
- Yield 80-90 t / acre



Arka Chandra

- It is a clonal variant of pummelo accession 18.
- Tree is medium size (2.0-3.0 m) and prolific bearer.
- Fruit weight ranged from 0.8-1kg,
- Spheroid fruit shape and has white pulp,
- TSS (11-12°B), acidity (0.89%) and sweet



Arka Anantha

- It is a clonal variant of pummelo accession 25.
- Tree is medium size (2.0-3.0 m) and prolific bearer.
- Fruit weight ranged from 0.8-1kg,
- Spheroid fruit shape and has pink pulp,
- TSS (11-12°B), acidity (0.90%) and sweet

