

Grapes

Varieties

Anab-e-Shahi

This variety is grown in the states of Andhra Pradesh, Punjab, Haryana and Karnataka. It is widely adaptable to different agro-climatic conditions. This variety is late maturing and heavy yielding. Berries are elongated, medium large, seeded and amber coloured when fully ripe. Juice is clear and sweet with TSS 14-16%. It is highly susceptible to downy mildew. Average yield is 35 t/ha. Fruits have a good keeping quality and mostly used for **table purpose**.

Bangalore Blue

This variety is grown in Karnataka. Berries are small sized, dark purple, ovoid, seeded with thick skin. Juice is purple coloured, clear and pleasantly flavoured with 16-18% TSS. Variety has a good keeping quality and mainly used for making **juice and wine**. It is resistant to anthracnose but susceptible to downy mildew.

Bhokri

This variety is grown in Tamil Nadu. Berries are greenish yellow, medium large, seeded with medium thick skin. Juice is clear with 16-18% TSS. Variety has a poor keeping quality and is used for **table purpose**. It is susceptible to rust and downy mildew. Average yield is 35 t/ha/year.

Gulabi

This variety is grown in Tamil Nadu. Berries are small in size, deep purple, spherical and seeded. The TSS is 18-20%. Variety has a good keeping quality and is used for **table purpose**. Variety is not susceptible to cracking but it is susceptible to rust and downy mildew. Average yield is 10-12 t/ha.

Kali Sahebi

This variety is grown in the states of Maharashtra & Andhra Pradesh on a small scale. Berries are large, oval cylindrical, reddish-purple and seeded. The TSS is 22%. Variety is susceptible to rust and downy mildew. Average yield is 12-18 t/ha. The variety is suitable for **table purpose**.

Perlette

This variety is grown in the states of Punjab, Haryana and Delhi. Berries are seedless, small sized, spherical to slightly ellipsoidal and yellowish-green in colour. The juice is clear and green with 16-18% TSS. Keeping quality is good and is used for **table purpose**. Variety is not suitable for raisins due to compactness of clusters. It is highly susceptible to anthracnose. Average yield is up to 35 t/ha.

Thompson Seedless

Mutants of this variety are Tas-A-Ganesh, Sonaka and Manik Chaman. This variety is grown in Maharashtra, Andhra Pradesh, Tamil Nadu and Karnataka. It has wide adaptability with seedless, ellipsoidal-elongated, golden-yellow berries with medium-thin skin. The juice is straw coloured, sweet with a TSS of 20-22%. Variety has a good keeping quality and is used for **table purpose** and **raisin making**. Average yield is 20-25 t/ha. The mutants Tas-A-Ganesh and Sonaka are mostly cultivated in Maharashtra.

Sharad Seedless

It is a variety local to Russia called as Kishmish Chorni. The berries are seedless, black, crisp and very sweet. The TSS is upto 24°Brix. It responds well to GA and has a good shelf life. It is grown mainly as **table purpose** variety.

Hybrid varieties

Arkavati

It is a cross between 'Black Champa' and 'Thompson Seedless'. Berries are medium, yellowish green, ellipsoidal-spherical, sweet, seedless with 22-25% TSS. It is multi purpose variety used for making **raisins** and **wine**.

Arka Hans

It is a cross between 'Bangalore Blue' and 'Anab-E- Shahi'. Berries are yellowish green, ellipsoidal-spherical, seeded with pleasant flavour. The TSS is 18-21%. Variety is used for **wine making**.

Arka Kanchan

This late maturing variety is a cross between 'Anab-E- Shahi' and 'Queen of the vineyards'. Berries are golden yellow, ellipsoidal to ovoid, seeded, with pleasant 'Muscat' flavour. The variety has a TSS of 19-22% and suitable for **table purpose** and **wine making**. Variety has a high yield potential but with poor keeping quality.

Arka Shyam

It is a cross between 'Bangalore blue' and 'Black Champa'. Berries are medium large, shiny black, spherical to ovoid, seeded, with mild flavour. The variety is resistant to anthracnose. It is suitable for **wine making** and **table purpose**.

Arka Neel Mani

It is a cross between 'Black Champa' and 'Thompson Seedless'. Berries are black seedless with crispy pulp having 20-22% TSS. The variety is tolerant to anthracnose. Average yield is 28 t/ha. It is suitable for **wine making** and **table purpose**.

Arka Shweta

It is a cross between 'Anab-E-Shahi' and Thompson Seedless'. Berries are yellow, ovoid, seedless with 18-19% TSS. Average yield is 31 t /ha. Variety is used for **table purpose** and has a good **export** potential.

Arka Majestic

It is a cross between 'Angur Kalan' and 'Black Champa'. Berries are deep tan coloured, uniform, round, seeded with 18-20% TSS. Variety is tolerant to anthracnose. Average yield is 38 t/ha. Variety has a good **export** potential.

Arka Chitra

It is a cross between 'Angur Kalan' and 'Anab-E-Shahi'. Berries are golden yellow with pink blush, slightly elongated having 20-21% TSS. Variety is tolerant to powdery mildew. Average yield is 38 t/ha. The berries are very attractive and thus suitable for **table purpose**.

Arka Krishna

It is a cross between 'Black Champa' and 'Thompson Seedless'. Berries are dark coloured, seedless, round to ovoid with 20-21% TSS. Average yield is 33 t/ha. The variety is suitable for **juice making**.

Arka Soma

It is a cross between 'Anab-E-Shahi' and 'Queen of vineyards'. Berries are greenish yellow, round to ovoid. Pulp is meaty and has 'Muscat' flavour with 20-21% TSS. The variety is tolerant to anthracnose, downy mildew and powdery mildew. Average yield is 40t/ha. It is good for preparing **white desert wine**.

Arka Trishna

It is a cross between 'Bangalore Blue' and 'Convent Large Black'. Berries are deep tan in colour, round to ovoid with 22-23% TSS. Variety is resistant to anthracnose and tolerant to downy mildew. Average yield is 26 t/ha. It is a good variety for **wine making**.

Exotic Varieties

Italy

Table & Processing Purpose

Italia Victoria

Portugal

Processing purpose

Assario.

USA

Processing purpose

Almeria

Table Purpose

Muscat of Alexandria, Emperor, Cardinal, Rebier, Queen, Calmeria, Italia, Flame Tokay, Flame Seedless, Ruby Seedless.

Table & Processing Purpose

Jupiter, Mars, Neptune, Reliance, Saturn, Sunbelt and Venus.

European Varieties

Processing Purpose

Cabernet, Sauvignon, Chardony, Merlot, Riesing.