

Litchi

Varieties

Shahi :

This is one of the commercial cultivar cultivated for **table purpose** in Muzaffarpur area of Bihar, which matures, in the third week of May. Fruits are oval and oblong conical in shape and crimson-red tubercles appear on uranium-green background at maturity. It is heavy bearing variety with large fruits and average yield of 90-100kg/tree.

Swarna Roopa :

It is a selection in litchi identified and released by CHES, Ranchi with high T.S.S and resistant to fruit cracking. This is the first variety developed in India.

China :

It is commercially cultivated for **table purpose** in Muzaffarpur area of Bihar. It is a semi-dwarf variety with fruits ripening from the third week of May. Average yield is 80-100 kg/tree. Fruits are medium-large, globose, with a mixture of red and orange colour.

Kasba :

It is mostly grown in eastern part of Bihar. Fruits medium-large, heart-shaped with red tubercles on reddish background at maturity. It ripens during the first week of June. Average yield is 80/100 kg/tree.

Elachi :

The tree is moderately vigorous, attaining an average height of 5 to 6 m and spread of 6-7 m. Fruits are conical and orange-red in colour. The variety is cultivated for **table purpose** with an average yield of 50-60 kg/tree.

Purbi :

It is mostly grown for **table purpose** in eastern part of Bihar. Fruits are medium-large, oblong-conical in shape, which ripen at the end of May or first week of June. At maturity red tubercles appear on pinkish brown background. The average yield is 90-100 kg/tree.

Early Seedless (Syn. Early Bedana) :

It is the earliest variety and is mainly grown for **table purpose** and **processing** in Uttar Pradesh and Punjab. It is a medium to poor-yielding variety but bears regularly. The yield of fruit varies from 50-60 kg/tree. Fruits are small to medium in size, heart to oval in shape with carmine red tubercles at maturity. Pulp is creamy white with T.S.S. 19.8%. Overall fruit quality is good.

Rose Scented :

It is commercially cultivated for **table purpose** in Muzaffarpur area of Bihar. Besides high fruit quality, it is famous for distinct rose aroma and hence called Rose Scented. It is a mid-season variety that starts ripening in the first week of June. Average yield is around 80-90 kg/tree. Fruits are medium to large in shape mostly oval or heart shaped and deep rose pink in colour. Pulp greyish white soft moderately juicy with T.S.S. 20%. The average yield varies between 80-90kg/tree.

Bombai :

This is an important commercial variety cultivated for **table purpose** in West Bengal. It ripens during first to second week of May. The trees are vigorous and attain an average height of 6.7 m and spread 7-8 m. Average yield is 80-90 kg/tree. Fruits are large in size, mostly obliquely heart-shaped colour at maturity with carmine red tubercles on uranium-green background. In this variety each developed fruit has another tiny under-developed fruit attached to the fruit stalk. Pulp is greyish-white, soft juicy with T.S.S. 17%.

Calcutta (Syn. Kalkattia) :

It is the best of all the varieties grown in northern parts of India for **table purpose**. It can be successfully cultivated even in hotter areas provided there is protection from strong hot winds and provision for plenty of water for irrigation. The average yield is 80-100 kg/tree. It is a late season variety and the fruits ripen in the last week of June. Trees of this variety attain an average height of 4m and spread of 6 m. Fruits are large in size, oblong, with tyrian rose colour and dark tubercles at maturity. Pulp is dirty creamy white, soft, juicy, very sweet with T.S.S. 18.17%.

Late Seedless (Syn. Late Bedana) :

This variety is not completely devoid of seed but it is rather shrivelled and small in size. It can be successfully cultivated even in hotter areas provided there is protection from strong hot winds and provision for plenty of water for irrigation. The trees of this variety are very vigorous and attain an average height of 5.5 m and spread of 7.0m. It is a late season variety and fruits usually ripen in the third week of June, The average yield is 80-100 kg/ tree. Fruits are medium to large in size, conical in shape, colour at maturity vermilion to carmine with dark-blackish brown tubercles. Pulp is creamy- white, soft, juicy with T.S.S. 20% Overall quality is very good. It is cultivated for **table** and **processing purpose**.

Dehra Dun :

This variety is mainly grown for **table purpose** in Uttar Pradesh and Punjab. In Bihar, it is cultivated under the name of 'Dehra-Rose'. It is a late-season variety and fruits start ripening in third week of June. Fruit yield is 80-90 kg/tree. Trees are medium in size attaining a height of 5 m and spread of 7 m. Fruits are medium in size, obliquely heart-shaped to conical, colour at maturity bright rose pink. Pulp is greyish-white, soft moderately juicy with T.S.S. 17%. This variety is highly susceptible to sunburn and cracking.

Gulabi (Syn. Sre no.4) :

This is another important variety cultivated for **table purpose** in north India. It is a late-season variety and fruit ripens in fourth week of June. It bears profusely and regularly with 90-100 kg fruits/tree. Trees attain a height of 6.0 m and spread of 7.0 m. Fruits are medium in size, oblong-oval heart-shaped, mandarin red tubercles appear on shrimp red to carmine red background at maturity. Pulp is greyish white, firm sweet with T.S.S. 18.2%.

Late Large Red (Syn. Muzaffarpur) :

It is one of the important litchi varieties mainly grown in Bihar and its adjacent states. This variety bears profusely every year with an average yield of 80-100 kg/tree. Fruits are large in size, oval or oblong-conical with crimson red tubercles. Pulp greyish white. Soft moderately juicy with T. S. S. 20.3%.

Exotic Varieties

China

'No Mai Tsze', 'Kwa luk' , 'Kwai mi' , 'Hsiang li', 'Hsi Chio tsu', 'Hak ip', 'Feitsu hsiao', 'Sheung shu wai', 'Ch'u ma Isu', 'Ta tsao', 'Huai chih', 'San yueh hung', 'Pai la li chih', 'Shan chi'.

Germany

Mauritius, Maclean, Brewster, Haak Yip.