

Fukumoto

Origin

Introduced to Australia from California and released from plant quarantine in 1999. Fukumoto is a popular early/mid season navel in California.

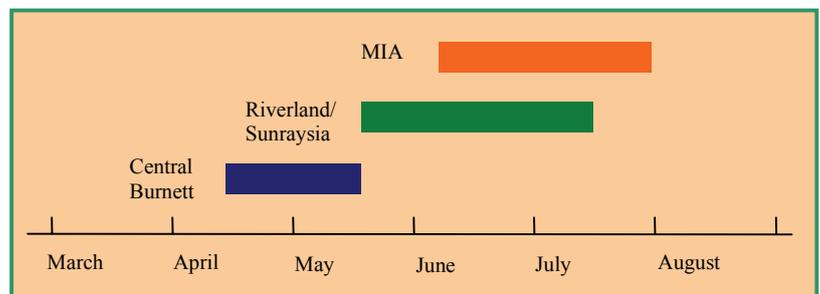
Type

Navel orange, seedless, early/mid season.

Market

Fresh domestic, export potential.

Marketing season (estimated)



Internal quality

Fruit are internally mature before rind is fully coloured. Internal maturity tests at Dareton in mid-July indicated that Fukumoto maturity was no earlier than Washington navel in 2002. Observations in Queensland also indicate that Fukumoto navel matures at a similar time to Washington navel.

External quality

Fukumoto produces medium sized, round fruit with a small, concealed navel. Fruit are similar to Washington navel in appearance. Full rind colour achieved at a similar time to Washington navel. Rind colour of Fukumoto navel fruit at Dareton was yellow/orange at optimum maturity. The development of intense orange rind colour reported in California did not occur at Dareton. Skin texture may be finer than Washington navel.

Postharvest performance

Storage performance and response to ethylene degreening to be determined.

orange variety fact sheet

Field performance

Long term field performance is still to be assessed. Fukumoto navel commenced cropping in 2002 at Dareton on reworked Valencia trees and two-year-old field trees and preliminary observations for Fukumoto were made in May/June 2002. Fukumoto navel was later maturing than Navelina 7.5, with Navelina 7.5 fruit starting to colour in late April but Fukumoto still fully green or showing slight colour change. Incidence of albedo breakdown was similar to Washington navel in 2002. Fukumoto navel also has a high incidence of segmental chimeras in California.

Pest and disease

No specific pest and disease problems have been noted to date under Australian conditions. A disorder known as 'foamy bark rot' has been observed in Fukumoto navel trees in California but the exact cause has not been identified.

Extent of plantings

All trees planted in Australia are less than three years old. There has been a rapid increase in demand for Fukumoto budwood from Auscitrus since it was released to the Australian citrus industry in 1999. Increased grower interest in Fukumoto navel has been based on Californian experience. Demand for Fukumoto buds from Auscitrus increased from less than 1500 buds in 1999/2000 to more than 14,000 in 2001/2002.

State of knowledge

very
limited



very
high

Growers should ensure that trees are propagated from Premium Budwood obtained from Auscitrus.

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Information contained in this publication is provided as general advice only. For application to specific circumstances, professional advice should be sought.

