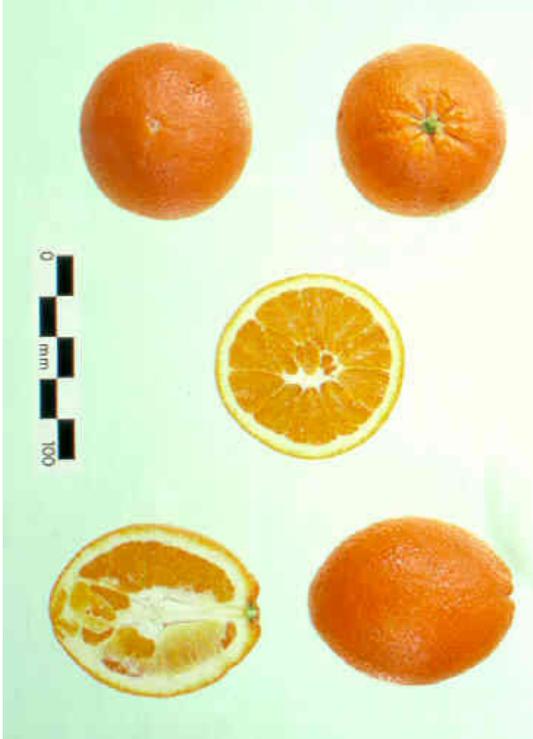


orange variety fact sheet



Newhall

Origin

Originated as a limb sport in California. Introduced to Australia from Spain and released from plant quarantine in 1988. A selection was also introduced from California. Field observations indicate that trees and fruit of two clones are indistinguishable. Newhall is the predominant early season navel in California.

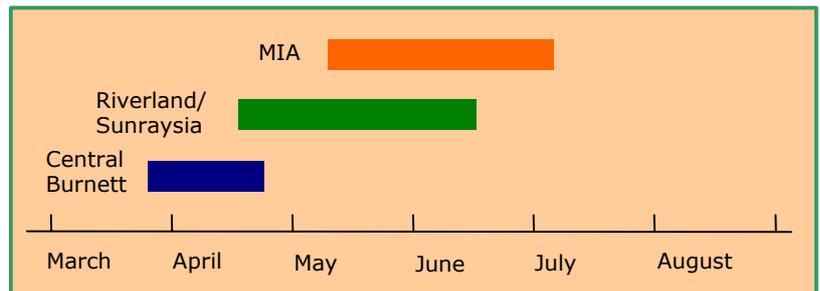
Type

Navel orange, seedless, early maturing.

Market

Fresh domestic, export potential. Currently attracting high domestic returns for fruit marketed in April. Currently unsuitable for shipment to the United States due to fruit shape requirements.

Marketing season (estimated)



Internal quality

Matures up to four weeks ahead of Washington navel. Medium to high juice content with good early season flavour, but lacking the rich flavour of Washington navel. Newhall fruit often have a large internal navel.

External quality

Medium to large fruit size. Bright orange rind colour changing to deep orange/red later in the season. Fruit shape is often oval or oblong with a tapered navel end. Similar in appearance to Navelina, but with a tendency to more variable fruit shape. Ten-year-old Newhall trees at Dareton have continued to display uneven fruit shape. Rind may be smoother than Washington navel.

Postharvest performance

Fruit respond well to ethylene degreening at colour break. Long term storage performance for export still to be assessed.

Newhall orange variety fact sheet

Field performance

Trees are small to medium size with dense dark green foliage. Prolific early cropping. Similar to Navelina in appearance, maturity and fruit quality. Preliminary trial observations suggest that Newhall may show less tendency to alternate bearing than Navelina. Recent trial evaluation also indicates that Newhall has much lower susceptibility to albedo breakdown Navelina. Well suited to the semi-arid growing conditions of southern Australia. Less popular than Navelina primarily due to variable fruit shape. No distinction is made between Navelina and Newhall for marketing in South Africa and Spain.

Pest and disease

No specific pest and disease problems have been noted to this point.

Extent of plantings

Minor plantings in the Riverland/Sunraysia and Riverina growing regions. Navelina is much more widely planted due to better fruit shape characteristics.

State of knowledge

very
limited



very
high

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

Last Revised: July 2002

Disclaimer:

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

