

## mandarin variety fact sheet

# Arrufatina®



### Origin

Spain: a bud mutation of Nules discovered at Villarreal, Castellon Province, in 1968. Imported into Australia in 1991 and first released for trial establishment and budwood multiplication in 1994. It is a patented variety.

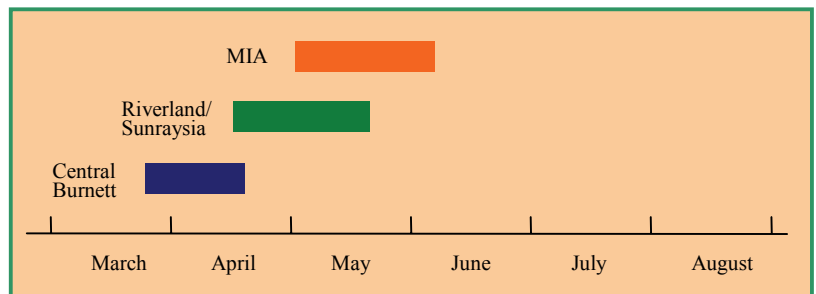
### Type

Mandarin, seedless when grown in isolation or when located where there is no viable pollen.

### Market

Fresh fruit, domestic. Further assessment of eating quality is required before considering export markets.

### Marketing season (estimated)



### Internal quality

People who have tasted fruit from young trees in experimental plantings generally comment that it has a bland flavour and low juice content. Preliminary quality testing suggest that it is a low acid clementine type that may have difficulty achieving a minimum juice content of 33% in some seasons. More quality information is required from older trees.

### External quality

Flattened clementine shaped fruit with a slightly pebbled skin. The skin is very slow to develop an orange colour, with fruit often over-mature at full colour development. Fruit soon becomes puffy if held on the tree.

### Postharvest performance

Fruit need to be clipped from the tree. It may need to be harvested at colour break and ethylene degreening, to avoid puffy over mature fruit.

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### Field performance

Trees are vigorous and thorny with an upright growth habit and dense foliage. These characteristics have made it a difficult variety to manage in re-working experiments at Dareton Agricultural Research and Advisory Station. Fruit production from young trees has been lower than from Imperial mandarin, but fruit are larger. Limb dieback has been observed, and is thought to be a physiological problem. This has caused tree decline in some young trees.

### Pest and disease

No specific pest and disease problems have been noted to date (January 2002).

### Extent of plantings

#### *Commercial*

Currently few trees planted commercially, and limited demand for buds.

#### *Research*

The variety has been planted in several arboreta and trial sites.

### State of knowledge

very  
limited



very  
high

An experimental variety that has created little commercial interest to date. It has been evaluated in South Africa, but has not developed into a major commercial variety. Removed in 2001 from a varietal trial at Dareton due to poor performance and lack of commercial interest.

Last Revised: January 2002

### Disclaimer:

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



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