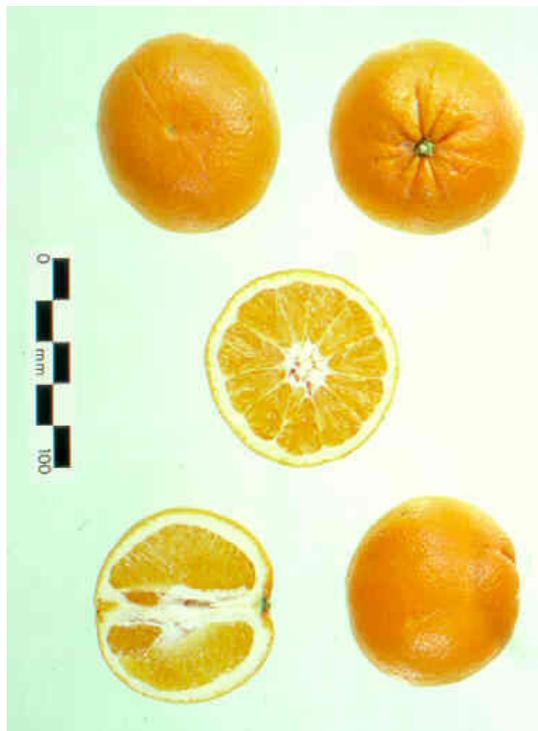


## orange variety fact sheet



# Ryan

### Origin

Discovered as a limb sport on the property of P.G. Wrench at Kenthurst near Sydney, NSW. Current selection is from the arboretum at the Agricultural Research and Advisory Station, Dareton, NSW.

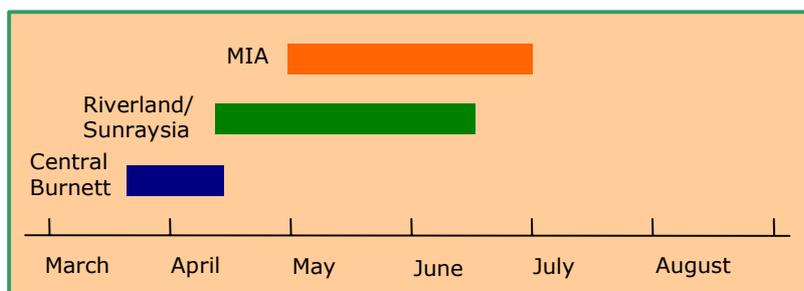
### Type

Navel orange, seedless, very early maturing.

### Market

Fresh domestic. Export potential currently being investigated

### Marketing season (estimated)



### Internal quality

Low early season acidity. Fruit is internally mature before rind is fully coloured. Matures up to five weeks earlier than Washington navel. Flesh texture firm and very stringy.

### External quality

Large fruit size. Fruit often flattened with deep furrows radiating from the button. Fine skin texture. Rind colour yellow changing to yellow/orange later in the season. Fruit are susceptible to wind blemish due to fine rind texture.

### Postharvest performance

Fruit respond well to ethylene degreening at colour break which is essential for early season marketing. Long term storage performance still to be assessed, but preliminary storage trials conducted on fruit treated with Gibberellic acid have shown that fruit quality can be maintained for up to eight weeks in cool storage.

### Field performance

Ryan navel is the earliest maturing navel orange grown in southern Australia. It has a relatively short market window and trees display high yields primarily due to large fruit size. Cropping is consistent, with little sign of alternate bearing. Young trees are vigorous and moderately thorny.

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Fruit show skin puffiness, albedo breakdown and softening if held on the tree longer than four weeks after initial maturity. Fruit quality is inferior to new early maturing varieties such as Navelina and Newhall.

Gibberellic acid sprays can be used to reduce the incidence of albedo breakdown and hold fruit on the tree into June/July in Sunraysia. Late held fruit develops orange skin colour and rind develops an 'easy peel' characteristic.

### **Pest and disease**

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

### **Extent of plantings**

Small plantings in the Sunraysia region where it is the earliest maturing navel orange variety. Following recent publicity there is growing demand for Ryan budwood, with the area planted to Ryan navel expected to increase substantially over the next five years.

### **State of knowledge**

very  
limited



very  
high

Growers should ensure that trees are propagated from 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.

