

Tarocco Rosso blood orange

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Figure 1. A Tarocco Rosso blood orange tree.

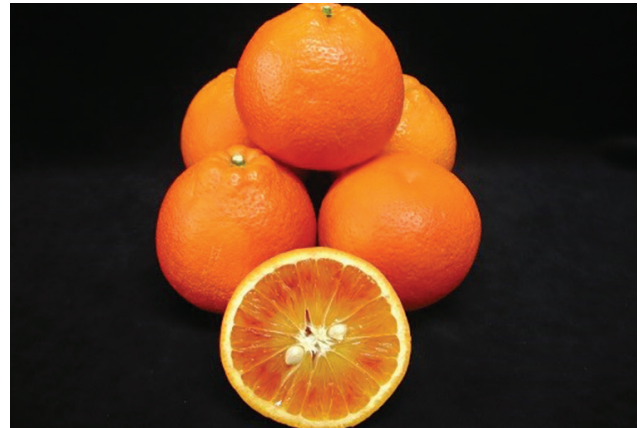


Figure 2. Tarocco Rosso blood oranges.

Estimated maturity period

Region	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sunraysia												

Origin

Tarocco Rosso blood orange is a mid-season Tarocco blood orange selection from Italy. It was introduced to Australia by Auscitrus as a public variety.

Fruit quality

Table 1. Tarocco Rosso blood orange fruit quality* characteristics.

Skin	Orange-yellow with a minor red blush on fruit when mature, finely pebbled. Rind easily removed at full maturity.
Average rind thickness (mm)	5.7
Internal quality	Low °Brix level and the acid content remains high until close to harvest. Some internal anthocyanin pigment was evident but only in some fruit.
Average number of seeds	<1
Juice per cent (%)	48
°Brix	9.5
Acid per cent (%)	0.85
Brix:acid ratio	11.1
Average fruit weight (g)	251
Average fruit diameter (mm)	83

*Juice quality levels considered adequate for harvest and developed by sequential analysis of fruit from top-worked evaluation trees.

Comments

- A limited amount of fruit was produced in 2011 which had minimal external blush and internal red pigmentation.
- Tree yields have increased over the first 3 seasons and Rosso has not shown an alternate bearing habit but other factors have affected the commercial potential for this variety in Australia.
- Fruit does not store for an extended period on the tree and quickly deteriorates in quality when it reaches full maturity.
- Fruit begins to naturally fall from the trees in late July at the Sunraysia site and would require the application of Cit-tite® growth regulator to hold fruit on the tree for a longer period.
- The tree is excessively thorny and may take several years to exit this juvenile growth phase.
- Expression of the internal blood colour was poor at the Sunraysia site in 2011, 2012 and 2013. Tarocco Rosso trial trees grown in a cooler production area of Australia have also not developed good internal red pigmentation.

Table 2. Average yield per tree* on trees top-worked to Valencia orange.

Rootstock	Average yield per tree (kg)		
	2010	2011	2012
Citrango	12	52	95
Cleopatra	<2	20	76
Trifoliata	10	77	88

*Average yield per tree results are from a small number of evaluation trees and should only be used as a general indication of the variety's potential yield.

There is low interest in the Rosso selection of Tarocco orange in Australia.

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The information contained in this publication is based on knowledge and understanding at the time of writing (December 2019) and was generated from field and nursery trees at Dareton Primary Industry Institute, Sunraysia, NSW, unless otherwise stated. Where quantitative data are presented (e.g. % Juice or rind thickness) they are based on measured properties. Where qualitative data are presented (e.g. thorniness or tendency to split), they are based on observations or brief notes recorded in the field.

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