NSW GOVERNMENT
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primefact

Nouvelle mandarin

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Figure 1. A Nouvelle mandarin tree.

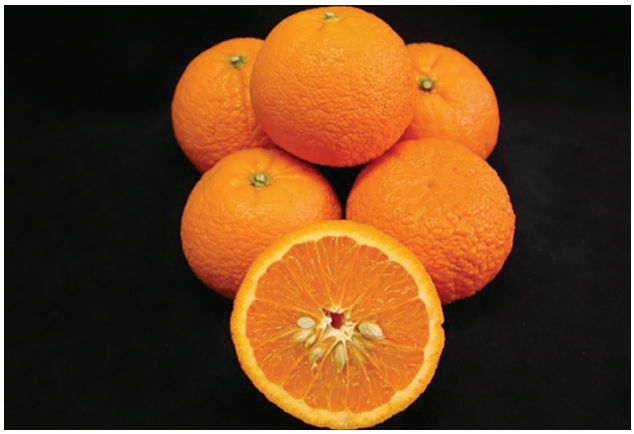

Figure 2. Nouvelle mandarins.

Estimated maturity period

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

Origin

The Nouvelle mandarin was developed in South Africa. It was introduced to Australia and managed by the Australian Nurserymen's Fruit Improvement Company (ANFIC).

Fruit quality

Table 1. Nouvelle mandarin fruit quality* characteristics.

Skin	Coarse, pebbled, thick. Orange colour at maturity.
Average rind thickness (mm)	5.7
Internal quality	Orange flesh with high juice content. Very palatable.
Average number of seeds	6
Juice per cent (%)	51
˚Brix	11.5
Acid per cent (%)	0.8
Brix:acid ratio	14.4
Average fruit weight (g)	235
Average fruit diameter (mm)	81

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

Comments

- Large, spreading tree with coarse-skinned, robust fruit that resembles an orange.
- Seed number per fruit is variable, depending on the level of pollination. Some fruit are almost seedless and others are highly seeded.
- The fruit is juicy and pleasant to eat and will hang on the tree for an extended period.
- High yields were produced in 2009, from trees top-worked to Valencia orange in 2005, at the Sunraysia evaluation site.

Table 2. Average yield per tree* on nursery propagated field trees (Sunraysia).

Rootstock	Average yield per tree (kg)	
	2009	2010
Citrange	64	36
Cleopatra	35	4
Trifoliata	77	64

*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.

Commercial potential appears limited in Australia, but this variety could be suited to the home garden market.

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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.