

# Orogrande clementine

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Figure 1. An Orogrande clementine tree.



Figure 2. Orogrande clementines.

## Estimated maturity period

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

## Origin

The Orogrande clementine is a Spanish selection from Oroval clementine and was introduced to Australia by Auscitrus as a public variety.

## Fruit quality

Table 1. Orogrande clementine fruit quality\* characteristics.

Skin	Easy peel, pebbled to slightly coarse, orange colour at full maturity
Average rind thickness (mm)	4.5
Internal quality	Good sugar and acid balance, 12:1 ratios recorded on Tri rootstock
Average number of seeds	<5
Juice per cent (%)	46
°Brix	10.4
Acid per cent (%)	0.94
Brix:acid ratio	11.0
Average fruit weight (g)	162
Average fruit diameter (mm)	75

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

## Comments

- Naturally larger fruit size than Sidi Aissa clementine, but does not appear to crop as strongly on young trees.
- Fruit maturity was reached well before orange skin colour development.
- Fruit is produced within the tree canopy, which is an advantage in hot climates.
- Short harvest window of 4–5 weeks, as the fruit granulates towards the end of its maturity period.

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

Rootstock	Average yield per tree (kg)
	2009 (4-y-old trees)
Citrangle	23
Cleopatra	12
Swingle	35

\*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.

**Fruit is produced within the tree canopy, which is an advantage in hot climates but there is no commercial interest for Orogrande clementine 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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