



Ruby late maturing valencia

- The Ruby late valencia was discovered by the late Mr. Dennis Solomon and is currently the property of Crocodile Valley Estates near Nelspruit in Mpumalanga, South Africa.
- The Ruby late valencia is protected by the Plant Breeders' Right in terms of the Plant Breeders' Rights Act, No. 15 of 1976 (as revised), which prohibits illegal propagation (PTR No. PT 4925).
- The Ruby late valencia will be marketed under its own marketing name.

Origin and use

The origin of the Ruby late valencia is a branch mutation in an Olinda valencia orchard on the Crocodile Valley Estate near Nelspruit.

The Ruby late valencia was chosen exclusively for its internal and external red colouring in comparison with the Olinda valencia. Further characteristics of the Ruby late valencia are identical to those of the old clone valencia.

Fruit characteristics

The fruit size is usually medium to large, but tends to overcrop. Production and fruit size should be controlled.

The ripening time is the same as that of other late valencias. However, the fruit hang well due to their firmness and high internal quality. The external colour of the fruit improves if the fruit are hung.

The fruit shape is usually round and the fruit contain seed. The peel is smooth and develops a deep orange to red blush if the fruit are hung. The fruit are juicy, with a unique taste profile due to their lycopene content.

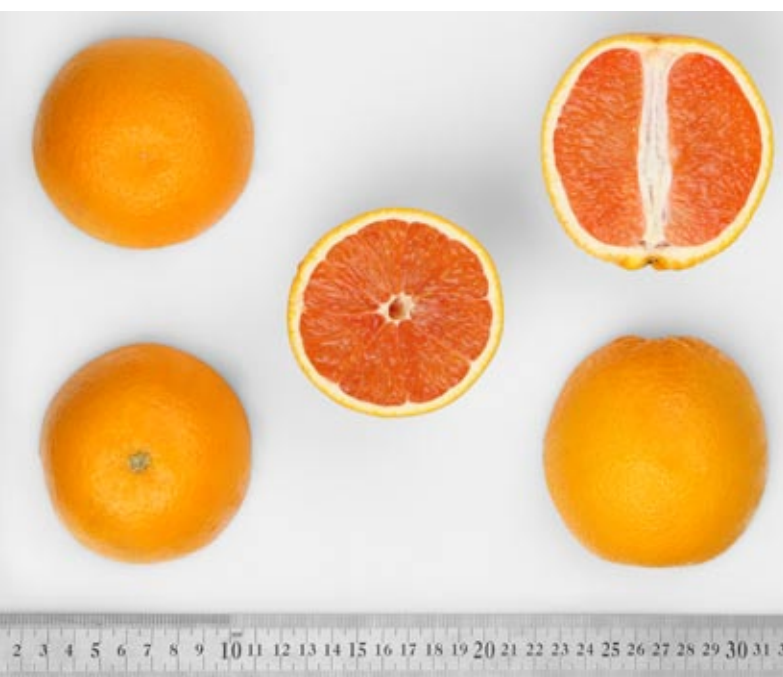
Tree characteristics

The tree characteristics of the Ruby late valencia are the same as those of other late valencias. Production is good and the fruit tends to set well.

The Ruby late valencia is compatible with various rootstocks, trifoliolate rootstocks like Troyer and Carrizo Citrange and Swingle Citrumelo. It is also compatible with Rough Lemon and Volkameriana rootstocks.

Climate requirements

The climatic requirement of the Ruby late valencia is the same as in all of the valencia production areas in South Africa. It is especially suited to the warmer areas, where it is able to produce higher lycopene content and prevent excessive cropping.



Tree with fruit



Leaf shape



Fruit shape

Ruby late maturing valencia – Technical information

Hybrid	Branch Mutation of an old clone valencia tree
Origin	Nelspruit, Mpumalanga, South Africa
Ownership	Crocodile Valley Estate
Selected	1992
PBR registration	SA PT 4925

Internal quality tests				
Test date	Juice %	Brix°	T.Acid %	Brix / TA Ratio
27/07/06	>58	10.8	1.01	10.69

Optimum ripening date	Hot areas: end July to mid August
Alternate bearing or other problems	High production in all valencia producing areas, especially in hot areas.
Rootstocks used in evaluation	Rough Lemon and Swingle Citrumelo

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Tree characteristics	Trees have a similar growth habit to old clone selections, but are slightly smaller. Red pigment in bark and leaves, similar to Kirkwood Red navel.
Fruit size	Medium to large size fruit
Fruit shape	Round
External appearance	Deep orange to red colour, smooth to slightly pebbly rind.
Internal appearance	Large, even segments
Peelability	Moderate to good, slightly oily
Seed	Average of 3 seeds per fruit.
Flavour	Good flavour, juicy with soft fruit rag

