



Lavalle late maturing valencia

- The Lavalle Late valencia was discovered by Mr Elbert De Kock on the farm Glen Ora near Burgersfort in Mpumalanga Province, South Africa.
- The Lavalle Late valencia is protected by Plant Breeder's Rights as per the Plant Breeder's Right Act No 15 of 1976 (as amended), which prohibits illegal propagation (PBR No. PT 2377).
- Lavalle Late valencia will be marketed under the valencia standards but can also achieve Delta and Midnight valencia standards.

Origin and use

The origin is a branch mutation in an old clone valencia orchards on the farm Glen Ora near Burgersfort. The Lavalle Late valencia was chosen for a very high production yield, large fruit size and seedless fruit. The ripening time is also slightly later than standard Late valencias.

Fruit Characteristics

- The fruit size is mainly large to medium but tends to produce bigger size fruit.
- Time of ripening is approximately two weeks later than traditional Late valencias.
- Fruit shape is mostly round with a small shoulder at the calyx end, fruit is seedless.
- Skin is slightly rough but develops a smoothness with trees age and as more fruit are produced.
- Fruit is juicy with a small juicy vesicles and good internal quality.
- The fruit is almost totally without rag.

Tree characteristics

Tree characteristics are unique with large, curled leaves characteristic to the cultivar. Trees have a vigorous growth habit and are slightly larger than ordinary Late valencias. Production is excellent with characteristically clean fruit.

Lavalle Late valencia is compatible with various root stocks, trifoliate like Troyer and Carrizo citrange and Swingle citrumelo. It is also compatible with Rough Lemon and Volkemariana.

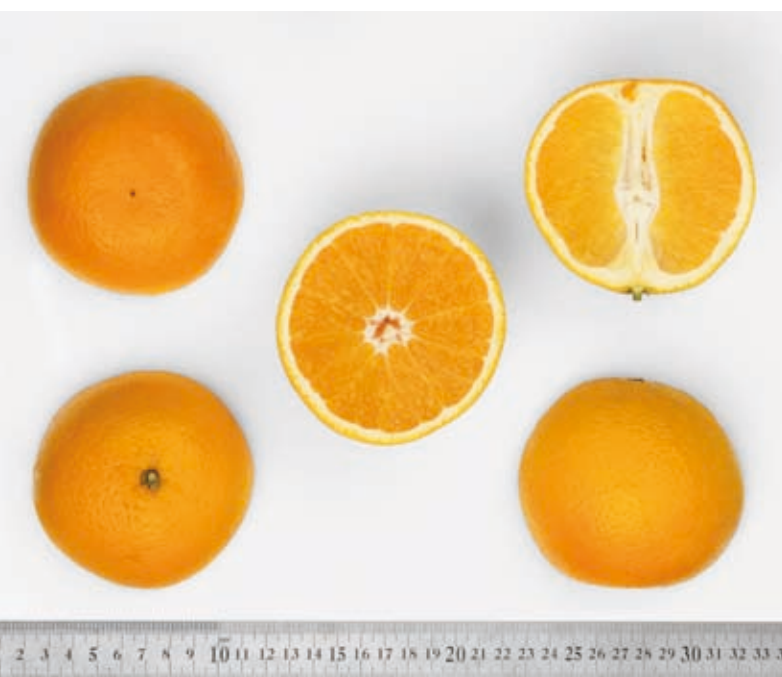
Climate requirements

Climatic requirements for the Lavalle valencia are for all the valencia production areas of South Africa.

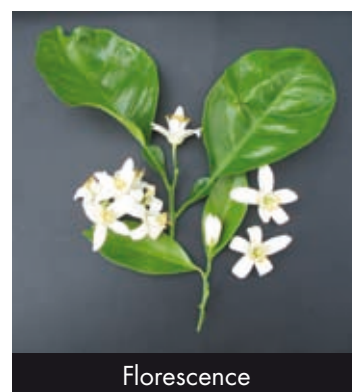
The selection is highly adapted to the warmest production regions where alternate bearing could be a problem on Deltas and Midnights or in cooler areas where traditional Late valencias experience problems with fruit size.



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Tree with fruit



Florescence



Leaf shape



Fruit shape

Lavalle late maturing valencia – Technical information

Hybrid	A branch mutation on a late valencia tree
Origin	Burgersfort, Mpumalanga, South Africa
Ownership	Mr. E de Kock
Selected	1995
PBR registration	SA PT 2377

Internal quality tests				
Test date	Juice %	Brix°	T.Acid %	Brix / TA Ratio
21/07/99	60.00	10.30	1.16	8.87
28/07/00	57.2	10.70	1.29	8.29
19/07/01	58.0	10.30	1.27	8.13

Optimum ripening date	Hot areas: mid August to mid September
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 unique growth habit and leaf shape. Tree growth is vigorous with large leaves with a prominent petiole.
Fruit size	Large to medium size fruit
Fruit shape	Round with slight neck
External appearance	Orange, smooth to slightly pebbly rind
Internal appearance	Large, even segments
Peelability	Moderate to good, slightly oily
Seed	None to 0.1 seeds per fruit
Flavour	Good Flavour, juicy with soft fruit rag

