



Chislett navel

- The Chislett is a late hanging navel selection identified on the property of Norm and Greg Chislett, Kenley, Victoria, Australia in 1986.
- The Chislett management rights in South Africa are owned by Topfruit and managed under contract by Citrogold (Pty) Ltd. A Plant Breeders Right was awarded for the variety in Australia in 1994.
- The variety is owned by Chislett Developments (Pty) Ltd in Australia.

Origin and use

The Chislett navel was observed as a bud sport from within a Washington Navel orchard at Kenley, Victoria, Australia.

Chislett is the most planted late navel, after Lane Late, in Australia.

Fruit Characteristics

- The fruit size is similar to that of Lane Late Navel under similar crop load conditions.
- The fruit has an average of 11 segments per fruit. The average fruit diameter is 75mm. Fruit size/mass of 200 – 270g
- Chislett retains its fruit flavour for longer than most of the other late hanging Australian Navels.
- Time of maturity is later than Lane Late navel by 3 – 6 weeks.
- The variety has a higher juice content than Lane Late. The juice contain low naringin and consequently can be used for juicing purposes as well as it does not manifest a bitter fraction after 24 hrs unlike other navels.
- The variety shows less re-greening, granulation and is firmer and less prone to punctures than other Australian summer navels.

- The percentage of fruit drop is low.
- The Chislett continues to size during colour break.
- The fruit has a good, round form with a small navel end.
- The fruit is less prone to granulation than Lane Late.
- The variety produces consistent crops of good fruit size.
- The fruit is not susceptible to creasing.
- The fruit is robust, with excellent shelf life and retains a strong flavour.

Tree characteristics

The tree growth habit is initially vigorous and the tree fills its space quickly.

Young trees are precocious and bear more heavily than other summer navels.

Chislett navel trees are compatible with most trifoliate hybrid rootstocks, such as the citranges (Troyer and Carrizo) and Swingle citrumelo.

Climate requirements

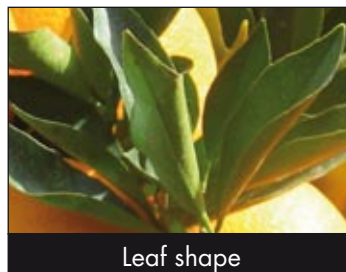
Climatically the Chislett navel is suited to all navel production areas in South Africa.



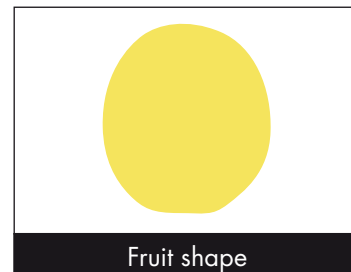
CITROGOLD



Tree with fruit



Leaf shape



Fruit shape

Chislett navel – Technical information

Hybrid	Bud sport from Washington Navel Orchard
Origin	Kenley, Victoria, Australia
Ownership	Chislett Developments (Pty) Ltd
Selected	1988
PBR registration	AUS.PVR No314

Internal quality tests				
Test date	Juice %	Brix°	T.Acid %	Brix / TA Ratio
04/08/03	55.9	13.1	0.70	23

Optimum ripening date	Early August
Alternate bearing or other problems	None noted
Rootstocks used in evaluation	Troyer and Carrizo Citrange

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Tree characteristics	Spreading but more erect than Lane Late
Fruit size	80 – 90mm
Fruit shape	Oblate to ovoid
External appearance	Strong orange rind colour
Internal appearance	Fresh colour is orange. Core or columella is semi-hollow to solid, compared to semi-hollow for Powell (Australian PBR)
Peelability	Rind is smooth, firm and strong with dense albedo with peel. Slightly more difficult to peel than Washington
Seed	None
Flavour	Fruit is juicy with excellent flavour

