

Chislett Summer Navel

Origin

A tree mutation discovered during the 1950s in a Washington navel orchard on the property of Norm and Greg Chislett at Kenley, Australia.

Ownership

Citrogold Proprietary Property.

General Description

A late maturing navel with very good internal quality and external appearance. In the East Cape citrus areas, fruit matures mid June to early July. In South Africa, six late maturing navel selections from Australia have been tested and to date the Chislett has not been planted extensively. This navel selection could help to extend the navel season.

Tree Characteristics

The tree is similar in growth, shape and yield to other average navel selections. Vigour is also similar to normal navels.

Rootstock Options

Suggested rootstocks are Swingle citrumelo and Carrizo/Troyer citrange. Rootstocks inducing lower sugars and acid levels are not advised.

Fruit Characteristics

Fruit size is a fairly uniform medium to medium large in size. Navel ends are small. Fruit shape is round. The fruit rind develops a deep orange colour at maturity. Peelability and rind oil are reasonable and similar to most other Navel selections. Internal flesh colour is orange, and flesh texture is tender. The flavour is very good with high sugars, acid levels and a ratio of 10:1 late in June. Fruit size ranges from 75 to 85 mm with normal crops.

Production

Yields of 50 to 60 tons per hectare are normal for mature orchards. Young trees bear well.

General

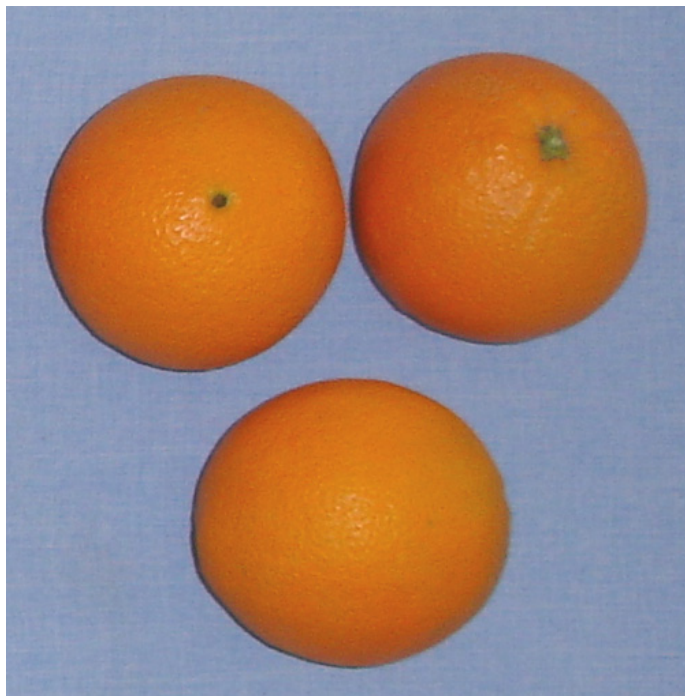
The Chislett does not require crop manipulation. The Chislett is not susceptible to any pests and/or diseases other than those common to other navel selections. Harvest, packing and shipping requirements as well as post harvest disorders are as for other navels.

Status, Area Suitability and Availability

Commercial - suitable navel areas. Commercial quantities of propagation material are available from the Citrus Foundation Block.

Key References

The information in this fact sheet is based on evaluations by Citrus Research International.



Chislett navel showing typical shape, navel size, rind texture and colour.



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Evaluation Data

Internal Quality - Chislett on Troyer citrange - Count 72 - Citrus Foundation Block						
Date	Juice %	Brix	Acid	Ratio	Seed	Colour
19/06/2008	50.2	12.9	1.65	7.8	0	5
09/07/2008	50.5	14.9	1.58	9.4	0	1-3
21/07/2008	51.6	14.9	1.54	9.8	0	1
28/07/2008	52.7	15.1	1.46	10.3	0	1

Note: Maturity would be approximately late June to early July in the East Cape citrus regions.

Count Distribution

Insufficient data available to give an accurate count distribution.

Production

Insufficient data available to give accurate production.

Export %

Insufficient data available to give accurate export figures.

Comments

The Chislett is a very good quality navel that could play a role in extending the season of superior quality eating fruit.



Disclaimer: Information contained in this publication is provided as general advice only. For application to specific circumstances, professional advice should be sought.