

Skilderkrans Valencia

Origin

A mutation discovered in the Hoedspruit region of the Limpopo Province. In view of its low seed counts and good fruit size this selection is considered to be a promising addition to the new range of Valencia selections being evaluated.

Ownership

Open.

General Description

A later maturing Valencia with good internal quality and appearance. In the Letsitele area fruit from young trees matures in early August.

Tree Characteristics

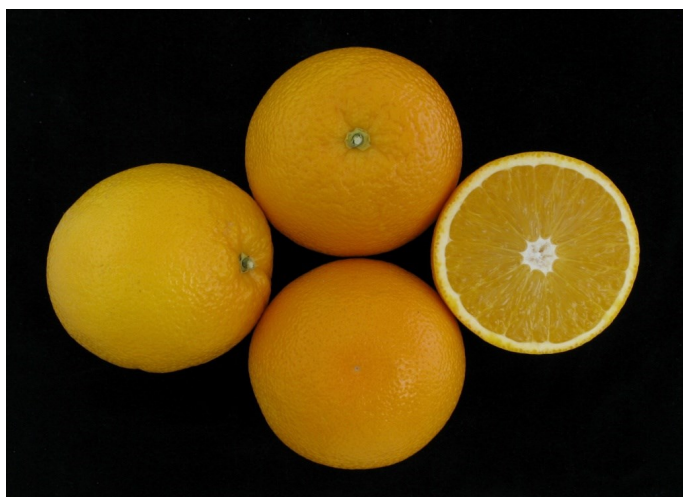
The tree is fairly erect and vigorous causing reduced yields in young trees.

Rootstock Options

Suggested rootstocks are Swingle citrumelo and Carrizo/Troyer citrange, depending on soil type and whether plantings are on new or replant ground. Rootstocks inducing lower sugars and acid levels are not advised.

Fruit Characteristics

Fruit size is a uniform medium to medium large with smooth rinds. Fruit shape is round to slightly elongated and fruit rind colour is uniform developing a deep orange at maturity. Skilderkrans fruit peel fairly easily and rind oil is low. Internal flesh colour is orange and flesh texture is softer than standard Valencia's. The



Skilderkrans fruit showing typical shape, colour, rind texture, thin rinds and seedlessness.

trees being evaluated are still young, but to date internal quality and flavour have been acceptable. Maturity is late July to early August depending on area. The majority of fruit vary from 90 to 80 mm (counts 48 to 64). Skilderkrans is seedless.

Production

Yields of 50 to 60 tons per hectare are expected for mature orchards.

General

It is doubtful whether the Skilderkrans will require crop manipulation as yields to date have been promising. Harvest, packing and shipping requirements as well as post harvest disorders should be as for other Valencia's.

Status, Area Suitability and Availability

Experimental - suitable Valencia areas. Limited quantities of propagation material are available from the Citrus Foundation Block.



Three year old Skilderkrans tree showing erect vigorous growth and a light crop (tree height 2.2m).

Updated: May 2012

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Key References

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

Evaluation Data

| Internal Quality - Skilderkrans on Carrizo citrange - Count 56 - Letsitele | | | | | | |
|---|---------|------|------|-------|------|--------|
| Date | Juice % | Brix | Acid | Ratio | Seed | Colour |
| 07/08/2009 | 54.2 | 11.3 | 0.99 | 11.4 | 0 | 1 |
| Internal Quality - Skilderkrans on Swingle citrumelo - Count 56 - Letsitele | | | | | | |
| 14/07/2009 | 59.2 | 10.3 | 1.24 | 8.3 | 0 | 1-2 |
| 07/08/2009 | 56.8 | 10.4 | 1.08 | 9.6 | 0 | 1 |

Count Distribution

There is insufficient information at this stage to give an accurate count distribution.

Production

There is insufficient information at this stage to give accurate production data.

Export %

There is insufficient information at this stage to give accurate export data.

Comments

The Skilderkrans has shown promise to date and could be of value in spreading the Valencia season in the future.