

Leanri Mandarin Hybrid

Origin

Leanri is an irradiated Furr (Clementine x Murcott).

Ownership

Comoset (Pty) Ltd, a company registered in South Africa, is the PBR holder of the variety. Citrogold has been appointed to manage the commercialisation of the Leanri both in South Africa and internationally.

General Description

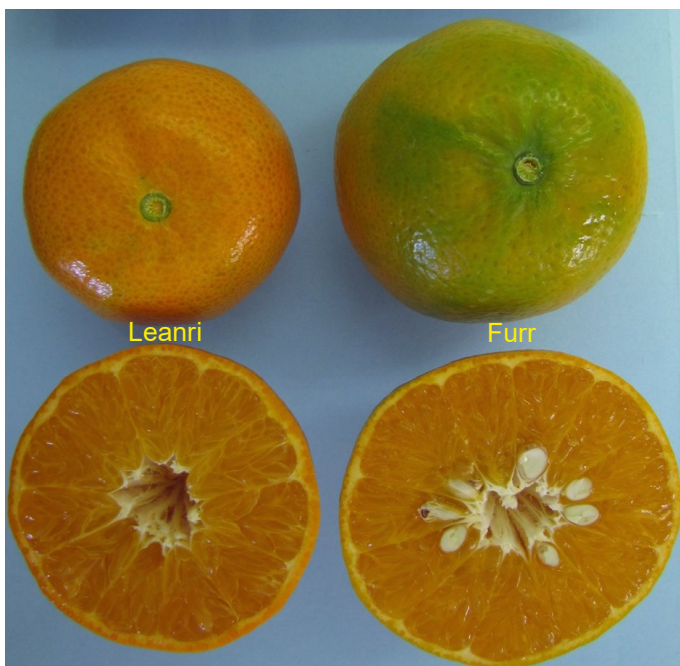
Leanri is an early-mid maturing low seeded mandarin hybrid with high fruit quality maturing from June in the cold production regions. Fruit peelability is easy and production is good with large (cool areas) to extra large (hot areas) fruit size.

Tree Characteristics

The trees are initially upright and dense, spreading as they become older and cropping fruit on the bearing branches.

Rootstock Options

The oldest trees are on Carrizo citrange and MxT (topworked 2006). Recent plantings were made using Sunki 812 and Swingle citrumelo.



Leanri and Furr fruit showing typical shape, colour, rind texture and rind thickness.

Fruit Characteristics

The fruit shape varies from slightly flat to round. The fruit is firm with a smooth and thin rind which develops a deep orange colour at maturity. It is easy to peel the fruit and has a low rind oil content. Flavour of the fruit is excellent and the flesh has a deep orange colour at maturity with an open core. The seed count varies from 0 to 5 seeds (avg 2 seeds/fruit) and the average seed count will be lower in a solid block.

Fruit size ranges from calibres 1 to 1XX (64 to 78 mm) in warm production areas and calibres 2 to 1X (62 mm to 72 mm) in cool production regions.

Production

Yields are good, although commercial data is still to be included.



Leanri tree showing typical open growth habit, fruit shape and deep orange colour.

Updated: May 2018

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General

Light pruning may be necessary to maintain the tree's open structure if it becomes too dense. Harvest, packing and postharvest handling requirements are as for other mandarin hybrids. The selection is prone to alternate bearing, and in an off year it can lead to very large fruit. In warm production regions fruit set manipulation may be required. Leanri is susceptible to alternaria, more so than Nadorcott but less than Nova. Creasing can occur if the selection is harvested after peak maturity.

Status, Area Suitability and Availability

The selection is in the semi-commercial stage of development and is planted by citrus growers in South Africa and performs well in the different climatic areas (cool, intermediate and hot production regions). Propagation material is available from the Citrus Foundation Block.

Key References

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

Evaluation Data

Internal Quality - Leanri on Carrizo citrange - Letsitele							
Date	Count	Juice %	Brix	Acid	Ratio	Seed	Colour
17/04/2018	1X	55.5	10.2	1.0	10.7	1.9	T4-5
02/05/2018	1XX	59.1	9.9	0.8	12.4	2.4	T3-4
17/05/2017	1X	59.2	10.4	0.9	11.7	0.9	T2

Internal Quality - Leanri on Carrizo citrange - Swellendam							
Date	Count	Juice %	Brix	Acid	Ratio	Seed	Colour
17/04/2018	2	54.6	11.5	1.29	8.9	0.1	T4-5
13/06/2018	1	62.6	12.4	1.16	10.7	0.0	T1

Count Distribution

Data still to be included.

Production

Data still to be included.

Export %

Data still to be included.

Comments

Fruit responds well to cold storage and sterilisation.