

# IRM 1 (Late maturing Mandarin hybrid)

## GENERAL INFORMATION

Parentage	Induced mutation of the Murcott tangor
Origin	Queensland, Australia
Status	Potential*
True-to-Type status	Tested Field-true-to-type in 2015, confirmed at the Citrus Foundation Block in 2017

## AVERAGE INTERNAL QUALITY TESTS

	Nadorcott	IRM 1	IRM 2
Juice%	50 – 60	52 – 67	50 – 65
Brix°	11 – 15	13 – 15	12 – 15
T.Acid%	0.8 – 1.5	1.0 – 1.3	0.8 – 1.1
Brix/TA Ratio	10 – 15	10 – 14	11 – 15



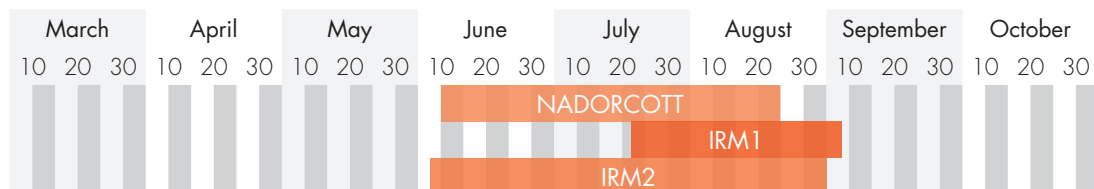
## TREE CHARACTERISTICS

Growth habit	Trees are vigorous and upright, with long branches
Rootstocks used to date	Carrizo citrange
Alternate bearing	Needs pruning and fruit manipulation to ensure good fruit set
Alternaria alternata susceptibility	Laboratory tests show moderate susceptibility, similar to other murcotts

## FRUIT CHARACTERISTICS

Fruit size	64 – 72 mm
Fruit shape	Oblate
External appearance	The fruit is firm with a smooth, thin rind. The rind is pale-orange in colour, with slight ribbing. Terminal fruit may have a coarse rind
Internal appearance	Deep-orange flesh with a closed core
Seed	1 – 5 seeds per fruit in a variety block. Pollen studies using aceto-carmin stain found 41.17 % viable pollen
Creasing/puffing	Fruit may crease when left on the tree for too long
Cold sterilisation/storage	Minimal chilling injury and rind staining after 30 days of cold sterilisation, and cold storage at 2°C and 4°C

## RIPENING CALENDAR (Southern Hemisphere)



\*SEE STATUS DESCRIPTIONS AT [WWW.CITROGOLD.CO.ZA](http://WWW.CITROGOLD.CO.ZA)

  
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CitroGold (Pty) Ltd. PO Box 12369, Die Boord, 7613, Stellenbosch, South Africa Tel: +27 21 880 0650 Fax: +27 21 880 0986 E-mail: [info@citrogold.co.za](mailto:info@citrogold.co.za) [www.citrogold.co.za](http://www.citrogold.co.za)