

# MAYANA (a.k.a. Ma'ayana - Mid-maturing Mandarin)

## GENERAL INFORMATION

Parentage	A mandarin hybrid
Origin	Israel
Status	Potential*
True-to-Type status	Confirmed in-field and at the Citrus Foundation Block in 2019

## AVERAGE INTERNAL QUALITY TESTS

	Mayana	Nules	Nova ARC
Juice%	48 – 57	49 – 56	48 – 52
Brix°	12 – 14	12.2 – 14	11 – 14
T.Acid%	1 – 1.4	0.8 – 1.10	0.8 – 1.3
Brix/TA Ratio	9 – 13	11 – 11.5	9 – 13



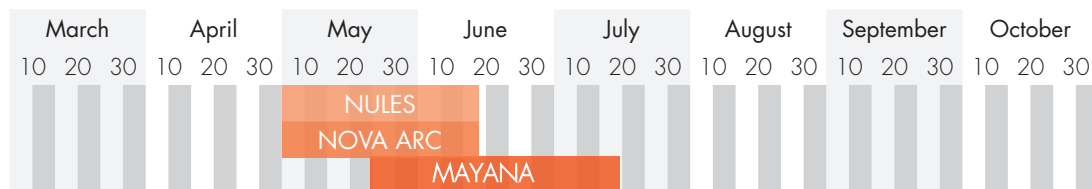
## TREE CHARACTERISTICS

Growth habit	Vigorous, upright growth with long, slender branches. Thorns are mainly absent or small; however, vigorous shoots can have large thorns
Rootstocks used to date	Carrizo citrange
Alternate bearing	Crop manipulations are necessary to prevent alternate bearing
Alternaria alternata susceptibility	Laboratory tests show it to be fairly-susceptible, similar to Nova

## FRUIT CHARACTERISTICS

Average fruit size	64 to 75 mm in cool production regions. Similar to Novas, approx. 1 size bigger than Nules
Fruit shape	Round to flattish, similar to Clementines, with some fruit having closed protruding navel-end
External appearance	Fruit is fairly firm, with a pebbly rind texture, deep-orange rind at maturity
Internal appearance	Flesh is orange, with a slightly open core and an internal navel
Seed	Virtually seedless in isolated blocks. Pollen studies using aceto-carmin stain found 66.4 % viable pollen
Cold sterilisation/storage	No chilling injury or rind staining after 30 days at 2 and 4°C, and minimal damage at -0.6°C

## RIPENING CALENDAR (Southern Hemisphere)



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

  
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