

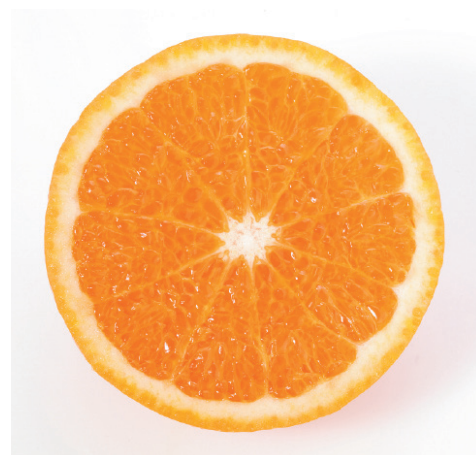
ORRI LATE RIPENING MANDARIN

GENERAL INFORMATION

Parentage	Induced mutation of Orah mandarin (a Temple x Kinnow hybrid)
Origin	Israel
Status	Commercial*
True-to-type status	Confirmed in field and at the Citrus Foundation Block

RELATIVE INTERNAL QUALITY TESTS

	Mor	Orri	Nadorcott
Juice%	55 - 60	50 - 60	50 - 60
Brix°	13 - 15	13 - 17	11 - 15
T.Acid%	0.9 - 1.1	0.8 - 1.2	0.8 - 1.5
Brix/TA Ratio	11 - 14	11 - 17	10 - 15



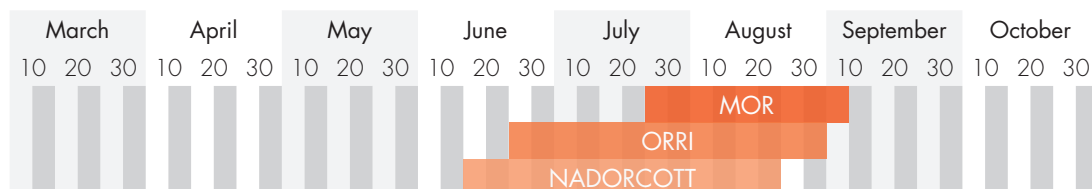
TREE CHARACTERISTICS

Growth habit	Trees are very vigorous and upright, similar to Mor. The top half of the tree comprises long, vigorous water shoots, which can be thorny
Rootstocks used to date	Carrizo and X639 have shown no incompatibility to date. Benton citrange and Sunki Benecke are being tested. Swingle citrumelo exhibited delayed incompatibility in Israel, and C35 may also display incompatibility in time
Alternate bearing	Trees show a tendency for alternate bearing, but this can be managed through manipulation
Alternaria alternata susceptibility	Very tolerant, but less so than Nadorcott

FRUIT CHARACTERISTICS

Average fruit size	Calibres 3 – 1X (55 – 68 mm)
Fruit shape	A mix between oblate and spheroid
External appearance	Rind colour is light orange at maturity. Relatively easy peeling with a moderate rind oil content
Internal appearance	Dense, juicy segments
Seed	Low seed content (0 - 3 seeds per fruit). Pollen tested with aceto-carmin stain exhibited a 12.1 % viability
Cold sterilisation and storage	Fruit performed well when stored for 28 days at 4 and – 0.6°C. Internal quality of fruit stored at both temperatures remained good

RIPENING CALENDAR (Southern Hemisphere)



*See status descriptions at www.citrogold.co.za