

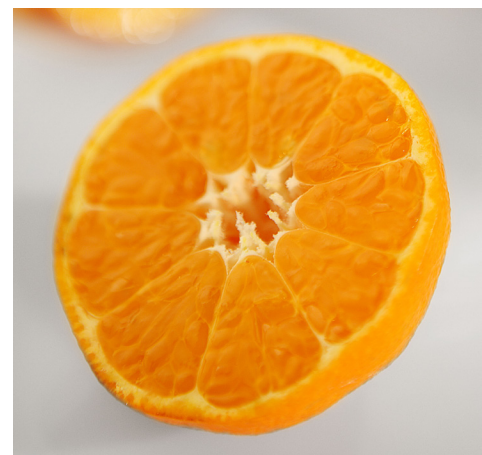
# ARCCIT 1614 (Late maturing Mandarin hybrid AKA Valley Gold or B17)

## GENERAL INFORMATION

Parentage	Ellendale x Robin
Origin	ARC-ITSC, Addo Research Station, Addo, Eastern Cape, South Africa
Status	Semi-commercial*
True-to-Type status	Confirmed at the Citrus Foundation Block in 2013

## AVERAGE INTERNAL QUALITY TESTS

	Mor	ARCCIT 1614	Nadorcott
Juice%	55 – 60	50 – 60	50 – 60
Brix°	13 – 15	11 – 15	11 – 15
T.Acid%	0.9 – 1.1	1.0 – 1.4	0.8 – 1.5
Brix/TA Ratio	11 – 14	8 – 15	10 – 15



## TREE CHARACTERISTICS

Growth habit	Trees are moderately spreading and bearing branches are without thorns
Rootstocks used to date	Carrizo citrange
Alternate bearing	If fruit is hung for extended periods, alternate bearing may occur
Alternaria alternata susceptibility	Tolerant
Other	Susceptible to fruit splitting in late summer/early autumn. Research into the cause and prevention is being conducted

## FRUIT CHARACTERISTICS

Fruit size	Calibres 4 – 1X (50 – 70 mm)
Fruit shape	Round tending to flat, clementine-like
External appearance	Fruit is firm with a smooth, orange/red rind
Internal appearance	Flesh is dark orange
Seed	Fruit may contain seed when planted in mixed cultivar blocks. Pollen tested with aceto-carmin stain exhibited 40.18 % pollen viability

## RIPENING CALENDAR (Southern Hemisphere)



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

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)