



Valley Gold mandarin (B17)





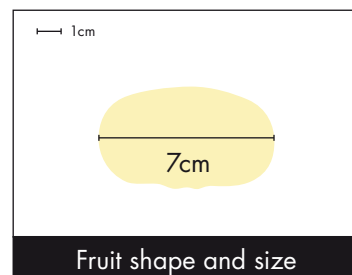
Tree with fruit



Florescence



Leaf shape



Fruit shape and size

Valley Gold (B17) – Technical information

Hybrid	Ellendale x Robin cross made in 1982.
Origin	ARC-ITSC, Addo Research station, Addo, Eastern Cape, South Africa.
Ownership	ARC-ITSC
Selected	First selected in 1992
PBR registration	ZA20043214

Internal quality tests (Addo)				
Test date	Juice %	Brix°	T.Acid %	Brix / TA Ratio
21/07/2003	54.6	13.0	0.96	13.5
22/07/2005	52.5	14.2	1.03	13.8
5/08/2005	37.1	14.4	1.06	13.6
23/06/2006	56.4	14.0	1.88	7.47

Optimum ripening date	Mid July
Alternate bearing or other problems	Severe to mild fruit splitting does occur in March/April depending on rind thickness. However, crop load is still acceptable after split fruit has dropped. Not alternate bearing.
Rootstocks used in evaluation	Carrizo Citrange

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Tree characteristics	Trees are moderately spreading and bearing branches are thornless.
Fruit size	Fruit are small to medium sized, usually 5 – 7cm in diameter, count 4 – 1x. Individual fruit mass varies between 85g and 125g.
Fruit shape	Shape is Clementine-like
External appearance	The rind colour is orange to orange red and is fairly blemish resistant.
Internal appearance	Flesh colour is dark orange.
Peelability	The peel is reasonably easy to remove and leaves little albedo
Seed	Seed number is not excessive in mixed blocks and fruit were commercially seedless (no fruit > than 3 seeds) when caged. Therefore this selection should be almost seedless in a solid block although it is probably not self-incompatible.
Flavour	Fruit is juicy with a good flavour. Acidity may only decline to acceptable levels by mid July and may mask the flavour in high acid areas. Fruit rag is slightly tough.



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