

future orchards 2012
Monitor Block Data
Orchard Walk September 2009

Block Summary – VC16

Block Description

Block Name	Victoria - GV #16
Location	GV, VIC
Variety	Gala
Rootstock	MM106
Density (trees/ha)	2272
Soil Type	Sandy Loam
Replanted?	Yes
Year Planted/Grafted	2004
Irrigation Type	Mini Sprinkler
Establishment Cost	\$15450/ha
Crop Type	Apple
Notes	

Block Profit Information

Year	Block Profit (\$/ha)	Gross Yield (kg/ha)	Grade 1 Yield (kg/ha)	Grade 1 Packout %	Fruit Size Count
2007	4717	15581	10387	67%	120
2008	8566	20961	12348	59%	100

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$500
Trees	\$9950
Planting	\$1000
Trellis	\$2000
Irrigation	\$2000
Tree tying labour (year 1)	\$5477
Tree tying materials (year 1)	\$100
Tree tying labour (year 2)	\$8450
Tree tying materials (year 2)	\$400

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	5444	15.00
January 2007		
July 2007	3228	18.52
January 2008		
February 2009		

VC16



	2008				2007							
Tree Number	6966	Age:			6966	Age:			Age:			
Area (ha)	3.10				3.10							
Density (trees/ha)	2247				2247							
Yield	kg /tree	Gross kg/ha	Class 1 kg /ha	Tonnes /ha	kg /tree	Gross kg/ha	Class 1 kg /ha	Tonnes /ha	/tree	Gross /ha	Class 1 /ha	Tonnes /ha
Gross yield	9.33	20961	12348	20.96	6.93	15581	10387	15.58				
Submitted to Packhouse	100%				100%							
Packing cost	\$0.00				\$0.00							
Recovery and Returns	Class 1	Class 2	Process		Class 1	Class 2	Process		Class 1	Class 2	Process	
Packouts	59%	25%	16%		67%	24%	10%					
Returns	\$2.00	\$1.00	\$0.10		\$2.00	\$1.00	\$0.10					
Average Size	100				120							
Direct Financial Result	\$ per Tree	\$/Gross kg	\$/Class 1 kg	\$ per Hectare	\$ per Tree	\$/Gross kg	\$/Class 1 kg	\$ per Hectare	\$ per Tree	\$/Gross kg	\$/Class 1 kg	\$ per Hectare
Income	\$13.47	\$1.44	\$2.45	\$30,261	\$10.96	\$1.58	\$2.37	\$24,632				
Prune	\$1.76	\$0.19	\$0.32	\$3,955	\$1.24	\$0.18	\$0.27	\$2,787				
Thin	\$0.95	\$0.10	\$0.17	\$2,126	\$0.65	\$0.09	\$0.14	\$1,461				
Harvest	\$0.93	\$0.10	\$0.17	\$2,096	\$0.96	\$0.14	\$0.21	\$2,150				
Additional orchard expenses	\$5.35	\$0.57	\$0.97	\$12,018	\$5.35	\$0.77	\$1.16	\$12,018				
Management fee	\$0.67	\$0.07	\$0.12	\$1,500	\$0.67	\$0.10	\$0.14	\$1,500				
Total Cost of Production	\$9.65	\$1.04	\$1.76	\$21,695	\$8.86	\$1.28	\$1.92	\$19,915				
PROFIT	\$3.81	\$0.41	\$0.69	\$8,566	\$2.10	\$0.30	\$0.45	\$4,717				

NOTES **2008** Returns have not been specified by the grower, so default values have been used.
2007 Returns have not been specified by the grower, so default values have been used.

NB - this report uses an "Orchard Gate" return, ie, post-harvest costs are netted off.

Analysis is based on actual yield, actual labour costs (pruning to harvest) and actual returns.

Additional orchard expenses and management fees are based on industry averages.

VC26 – July 2007

