

future orchards 2012
Monitor Block Data
Orchard Walk September 2009

Block Summary – VC45

Block Description

Block Name	Victoria - East #45
Location	East, VIC
Variety	Cripps Pink
Rootstock	M26
Density (trees/ha)	2666
Soil Type	Clay Loam
Replanted?	No
Year Planted/Grafted	2005
Irrigation Type	Undefined
Establishment Cost	\$43750/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	3372	14190	7299	51%	80
2008	37791	32701	27737	85%	100

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$1350
Trees	\$32258
Planting	\$1140
Trellis	\$5002
Irrigation	\$4000
Tree tying labour (year 1)	\$2600
Tree tying materials (year 1)	\$500

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	1600	4.66
March 2007		
September 2007	3947	6.74
April 2008		
April 2009	0	0.00

VC45



	2008				2007							
Tree Number	3653	Age:			3653	Age:						
Area (ha)	1.37				1.37							
Density (trees/ha)	2667				2667							
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	12.26	32701	27737	32.70	5.32	14190	7299	14.19				
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	85%	13%	2%		51%	38%	10%					
Returns	\$2.00	\$1.00	\$0.10		\$2.00	\$1.00	\$0.10					
Average Size	100				80							
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	\$22.47	\$1.83	\$2.16	\$59,912	\$7.57	\$1.42	\$2.76	\$20,175				
Prune	\$1.50	\$0.12	\$0.14	\$4,000	\$0.50	\$0.09	\$0.18	\$1,333				
Thin	\$0.50	\$0.04	\$0.05	\$1,333	\$0.20	\$0.04	\$0.07	\$533				
Harvest	\$1.23	\$0.10	\$0.12	\$3,270	\$0.53	\$0.10	\$0.19	\$1,419				
Additional orchard expenses	\$4.51	\$0.37	\$0.43	\$12,018	\$4.51	\$0.85	\$1.65	\$12,018				
Management fee	\$0.56	\$0.05	\$0.05	\$1,500	\$0.56	\$0.11	\$0.21	\$1,500				
Total Cost of Production	\$8.30	\$0.68	\$0.80	\$22,121	\$6.30	\$1.18	\$2.30	\$16,804				
PROFIT	\$14.17	\$1.16	\$1.36	\$37,791	\$1.26	\$0.24	\$0.46	\$3,372				

NOTES **2008** Thinning was only of sunburned fruit. Default returns have been used.
2007

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.

VC45 – September 2007

