

future orchards 2012
Monitor Block Data
Orchard Walk September 2009

Block Summary – WA01

Block Description

Block Name	WA - Donnybrook #01
Location	DB, WA
Variety	Cripps Pink
Rootstock	M26
Density (trees/ha)	1481
Soil Type	Sand/clay over heavy clay subsoil
Replanted?	Yes
Year Planted/Grafted	2001
Irrigation Type	Undefined
Establishment Cost	\$70794/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
2005	16435	25455	15273	60%	85
2006	8924	14636	10245	70%	90
2007	52902	24500	21317	87%	90

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$1615
Trees	\$13864
Planting	\$873
Trellis	\$5960
Irrigation	\$13085
Other establishment Costs	\$35397
Tree tying labour (year 1)	\$1456
Tree tying materials (year 1)	\$606
Tree tying labour (year 2)	\$727
Tree tying materials (year 2)	\$606

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	3721	21.09
April 2007		
July 2007	2944	25.65

WA01



	2007				2006				2005			
Tree Number	444		Age:		489		Age:		489		Age:	
Area (ha)	0.30				0.33				0.33			
Density (trees/ha)	1481				1481				1481			
Yield	kg /tree	Gross kg/ha	Class 1 kg /ha	Tonnes /ha	kg /tree	Gross kg/ha	Class 1 kg /ha	Tonnes /ha	kg /tree	Gross kg/ha	Class 1 kg /ha	Tonnes /ha
Gross yield	16.54	24500	21317	24.50	9.88	14636	10245	14.64	17.18	25455	15273	25.45
Submitted to Packhouse	100%				100%				100%			
Packing cost	\$0.00				\$0.00				\$0.00			
Recovery and Returns	Class 1	Class 2	Process		Class 1	Class 2	Process		Class 1	Class 2	Process	
Packouts	87%	10%	3%		70%	21%	9%		60%	20%	20%	
Returns	\$3.00	\$2.50	\$0.11		\$1.70	\$2.08	\$0.15		\$1.75	\$1.89	\$0.15	
Average Size	90				90				85			
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	\$47.46	\$2.87	\$3.30	\$70,315	\$16.20	\$1.64	\$2.34	\$24,006	\$24.92	\$1.45	\$2.42	\$36,912
Prune	\$0.27	\$0.02	\$0.02	\$400	\$0.20	\$0.02	\$0.03	\$296	\$0.26	\$0.02	\$0.03	\$385
Thin	\$0.54	\$0.03	\$0.04	\$800	\$0.41	\$0.04	\$0.06	\$607	\$2.46	\$0.14	\$0.24	\$3,644
Harvest	\$1.82	\$0.11	\$0.13	\$2,695	\$0.70	\$0.07	\$0.10	\$1,039	\$2.23	\$0.13	\$0.22	\$3,309
Additional orchard expenses	\$8.11	\$0.49	\$0.56	\$12,018	\$7.86	\$0.80	\$1.14	\$11,639	\$7.86	\$0.46	\$0.76	\$11,639
Management fee	\$1.01	\$0.06	\$0.07	\$1,500	\$1.01	\$0.10	\$0.15	\$1,500	\$1.01	\$0.06	\$0.10	\$1,500
Total Cost of Production	\$11.75	\$0.71	\$0.82	\$17,413	\$10.18	\$1.03	\$1.47	\$15,082	\$13.82	\$0.80	\$1.34	\$20,478
PROFIT	\$35.71	\$2.16	\$2.48	\$52,902	\$6.02	\$0.61	\$0.87	\$8,924	\$11.09	\$0.65	\$1.08	\$16,435

NOTES 2007

2006 Note Grade 1 was exported and achieved a lower return than Grade 2 which was sold on the domestic market.

2005 Note Grade 1 was exported and achieved a lower return than Grade 2 which was sold on the domestic market.

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.

WA01 – July 2007

