

future orchards 2012
Monitor Block Data
Orchard Walk September 2009

Block Summary – NW26

Block Description

Block Name	NSW - Batlow #26
Location	Batlow, NSW
Variety	Cripps Pink
Rootstock	M26
Density (trees/ha)	1428
Soil Type	Clay Loam
Replanted?	Yes
Year Planted/Grafted	2000
Irrigation Type	Undefined
Establishment Cost	\$22504/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	-7266	14421	7931	55%	62
2006	3840	12857	10929	85%	61
2007	-2204	10598	7419	70%	100

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$957
Trees	\$15000
Planting	\$2117
Trellis	\$0
Irrigation	\$1351
Other establishment Costs	\$3079
Tree tying labour (year 1)	\$231
Tree tying materials (year 1)	\$96
Tree tying labour (year 2)	\$627
Tree tying materials (year 2)	\$144

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
October 2006	8500	18.81
April 2007		
August 2007	6750	19.62
April 2008		
April 2009	0	0.00
August 2009	11000	23.83



	2007				2006				2005			
Tree Number	740 Age:				740 Age:				740 Age:			
Area (ha)	0.52				0.52				0.52			
Density (trees/ha)	1429				1429				1429			
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	7.42	10598	7419	10.60	9.00	12857	10929	12.86	10.09	14421	7931	14.42
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	70%	0%	30%		85%	10%	5%		55%	40%	5%	
Returns	\$2.00	\$1.00	\$0.10		\$1.91	\$0.10	\$0.10		\$0.90	\$0.51	\$0.05	
Average Size	100				61				62			
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	\$10.61	\$1.43	\$2.04	\$15,156	\$14.75	\$1.64	\$1.93	\$21,066	\$7.08	\$0.70	\$1.28	\$10,115
Prune	\$1.05	\$0.14	\$0.20	\$1,500	\$0.98	\$0.11	\$0.13	\$1,400	\$0.98	\$0.10	\$0.18	\$1,400
Thin	\$1.12	\$0.15	\$0.22	\$1,600	\$0.95	\$0.11	\$0.12	\$1,350	\$0.94	\$0.09	\$0.17	\$1,343
Harvest	\$0.52	\$0.07	\$0.10	\$742	\$0.94	\$0.10	\$0.12	\$1,337	\$1.05	\$0.10	\$0.19	\$1,500
Additional orchard expenses	\$8.41	\$1.13	\$1.62	\$12,018	\$8.15	\$0.91	\$1.07	\$11,639	\$8.15	\$0.81	\$1.47	\$11,639
Management fee	\$1.05	\$0.14	\$0.20	\$1,500	\$1.05	\$0.12	\$0.14	\$1,500	\$1.05	\$0.10	\$0.19	\$1,500
Total Cost of Production	\$12.15	\$1.64	\$2.34	\$17,360	\$12.06	\$1.34	\$1.58	\$17,226	\$12.17	\$1.21	\$2.19	\$17,382
PROFIT	-\$1.54	-\$0.21	-\$0.30	-\$2,204	\$2.69	\$0.30	\$0.35	\$3,840	-\$5.09	-\$0.50	-\$0.92	-\$7,266

NOTES 2007 Gross production only supplied by grower. Assessment is based on default costs, packouts and returns.

2006

2005

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.

NW26 – August 2009

