

future orchards 2012
Monitor Block Data
Orchard Walk September 2009

Block Summary – QL07

Block Description

Block Name	Queensland - Stanthorpe #7
Location	Stanthorpe, QLD
Variety	Cripps Pink
Rootstock	MM106
Density (trees/ha)	1333
Soil Type	Granite
Replanted?	No
Year Planted/Grafted	1997
Irrigation Type	Drippers
Establishment Cost	\$51143/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	33090	67626	54101	80%	120
2006	84185	66763	53410	80%	113
2007	118984	91367	73381	80%	112
2008	108876	79486	67563	85%	90

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$14388
Trees	\$6000
Planting	\$2158
Irrigation	\$3597
Other establishment Costs	\$25000
Tree tying labour (year 1)	\$107
Tree tying materials (year 1)	\$1438
Tree tying labour (year 2)	\$107
Tree tying materials (year 2)	\$1438

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	15710	97.25
April 2007		
September 2007	14100	107.94
April 2008		

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	2008				2007				2006			
Tree Number	1390	Age:			1852	Age:			1852	Age:		
Area (ha)	1.39				1.39				1.39			
Density (trees/ha)	1000				1332				1332			
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	79.49	79486	67563	79.49	68.57	91367	73381	91.37	50.11	66763	53410	66.76
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	85%	12%	3%		80%	15%	5%		80%	16%	4%	
Returns	\$2.00	\$1.00	\$0.10		\$2.00	\$1.00	\$0.10		\$2.30	\$0.80	\$0.08	
Average Size	90				112				113			
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	\$144.90	\$1.82	\$2.14	\$144,902	\$120.73	\$1.76	\$2.19	\$160,863	\$98.77	\$1.97	\$2.46	\$131,602
Prune	\$3.00	\$0.04	\$0.04	\$3,000	\$6.00	\$0.09	\$0.11	\$7,994	\$8.00	\$0.16	\$0.20	\$10,659
Thin	\$5.20	\$0.07	\$0.08	\$5,200	\$5.00	\$0.07	\$0.09	\$6,662	\$5.20	\$0.10	\$0.13	\$6,928
Harvest	\$14.31	\$0.18	\$0.21	\$14,307	\$10.29	\$0.15	\$0.19	\$13,705	\$12.53	\$0.25	\$0.31	\$16,691
Additional orchard expenses	\$12.02	\$0.15	\$0.18	\$12,018	\$9.02	\$0.13	\$0.16	\$12,018	\$8.74	\$0.17	\$0.22	\$11,639
Management fee	\$1.50	\$0.02	\$0.02	\$1,500	\$1.13	\$0.02	\$0.02	\$1,500	\$1.13	\$0.02	\$0.03	\$1,500
Total Cost of Production	\$36.03	\$0.45	\$0.53	\$36,025	\$31.43	\$0.46	\$0.57	\$41,879	\$35.59	\$0.71	\$0.89	\$47,417
PROFIT	\$108.88	\$1.37	\$1.61	\$108,876	\$89.30	\$1.30	\$1.62	\$118,984	\$63.18	\$1.26	\$1.58	\$84,185

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.
2006 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.

	2007				2006				2005			
Tree Number	1852 Age:				1852 Age:				1852 Age:			
Area (ha)	1.39				1.39				1.39			
Density (trees/ha)	1332				1332				1332			
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	68.57	91367	73381	91.37	50.11	66763	53410	66.76	50.76	67626	54101	67.63
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	80%	15%	5%		80%	16%	4%		80%	16%	4%	
Returns	\$2.00	\$1.00	\$0.10		\$2.30	\$0.80	\$0.08		\$1.20	\$0.50	\$0.08	
Average Size	112				113				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	\$120.73	\$1.76	\$2.19	\$160,863	\$98.77	\$1.97	\$2.46	\$131,602	\$52.95	\$1.04	\$1.30	\$70,547
Prune	\$6.00	\$0.09	\$0.11	\$7,994	\$8.00	\$0.16	\$0.20	\$10,659	\$5.50	\$0.11	\$0.14	\$7,328
Thin	\$5.00	\$0.07	\$0.09	\$6,662	\$5.20	\$0.10	\$0.13	\$6,928	\$2.60	\$0.05	\$0.06	\$3,464
Harvest	\$10.29	\$0.15	\$0.19	\$13,705	\$12.53	\$0.25	\$0.31	\$16,691	\$10.15	\$0.20	\$0.25	\$13,525
Additional orchard expenses	\$9.02	\$0.13	\$0.16	\$12,018	\$8.74	\$0.17	\$0.22	\$11,639	\$8.74	\$0.17	\$0.22	\$11,639
Management fee	\$1.13	\$0.02	\$0.02	\$1,500	\$1.13	\$0.02	\$0.03	\$1,500	\$1.13	\$0.02	\$0.03	\$1,500
Total Cost of Production	\$31.43	\$0.46	\$0.57	\$41,879	\$35.59	\$0.71	\$0.89	\$47,417	\$28.11	\$0.55	\$0.69	\$37,456
PROFIT	\$89.30	\$1.30	\$1.62	\$118,984	\$63.18	\$1.26	\$1.58	\$84,185	\$24.84	\$0.49	\$0.61	\$33,091

NOTES **2007** Returns have not been specified by the grower, so default values have been used.
2006 Returns have not been specified by the grower, so default values have been used.
2005 Returns have not been specified by the grower, so default values have been used. Class 1 \$1.20/kg, Class 2 \$0.50/kg, Process \$0.08/kg.

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.

QL07 – September 2007

