

future orchards 2012
 Monitor Block Data
 Orchard Walk March/April 2007

Block Summary - QL06

Block Description

Block Name	Queensland - Stanthorpe #10
Location	Stanthorpe, QLD
Variety	Cripps Pink
Rootstock	MM106
Density (trees/ha)	1000
Soil Type	Sandy Loam
Replanted?	No
Year Planted/Grafted	1999
Irrigation Type	Drippers
Establishment Cost	\$55355/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	9545	25609	20478	80%	101
2006	27936	43783	37215	85%	104

Block Costs

Cost Type	\$/ha
Trees	\$6199
Planting	\$828
Irrigation	\$2328
Other establishment Costs	\$46000

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	4787	43.60

	2006				2005							
Tree Number	920	Age:			920	Age:			Age:			
Area (ha)	0.92				0.92							
Density (trees/ha)	1000				1000							
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	43.78	43783	37215	43.78	25.61	25609	20478	25.61				
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%	10%	5%		80%	20%	0%					
Returns	\$1.20	\$0.50	\$0.15		\$1.20	\$0.50	\$0.15					
Average Size	104				101							
Direct Financial Result	\$ per Tree	\$/Gross kg	\$/Class 1 kg	\$ per Hectare	\$ per Tree	\$/Gross kg	\$/Class 1 kg	\$ per Hectare	\$ per Tree	\$/Gross	\$/Class 1	\$ per Hectare
Income	\$47.17	\$1.08	\$1.27	\$47,165	\$27.14	\$1.06	\$1.33	\$27,139				
Prune	\$1.00	\$0.02	\$0.03	\$1,000	\$1.00	\$0.04	\$0.05	\$1,000				
Thin	\$1.15	\$0.03	\$0.03	\$1,150	\$1.15	\$0.04	\$0.06	\$1,150				
Harvest	\$3.94	\$0.09	\$0.11	\$3,940	\$2.30	\$0.09	\$0.11	\$2,305				
Additional orchard expenses	\$11.64	\$0.27	\$0.31	\$11,639	\$11.64	\$0.45	\$0.57	\$11,639				
Management fee	\$1.50	\$0.03	\$0.04	\$1,500	\$1.50	\$0.06	\$0.07	\$1,500				
Total Cost of Production	\$19.23	\$0.44	\$0.52	\$19,229	\$17.59	\$0.69	\$0.86	\$17,594				
PROFIT	\$27.94	\$0.64	\$0.75	\$27,936	\$9.55	\$0.37	\$0.47	\$9,545				

NOTES **2006** 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 \$0.15/kg.
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 \$0.15/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.

QL06 – September 2006



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	33280	67626	54101	80%	120
2006	22417	66763	53410	80%	113

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

	2006				2005							
Tree Number	1852	Age:			1852	Age:			Age:			
Area (ha)	1.39				1.39							
Density (trees/ha)	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	/tree	Gross /ha	Class 1 /ha	Tonnes /ha
Gross yield	50.11	66763	53410	66.76	50.76	67626	54101	67.63				
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	80%	16%	4%		80%	16%	4%					
Returns	\$1.20	\$0.50	\$0.15		\$1.20	\$0.50	\$0.15					
Average Size	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	\$/Class 1	\$ per Hectare
Income	\$52.41	\$1.05	\$1.31	\$69,834	\$53.09	\$1.05	\$1.31	\$70,737				
Prune	\$8.00	\$0.16	\$0.20	\$10,659	\$5.50	\$0.11	\$0.14	\$7,328				
Thin	\$5.20	\$0.10	\$0.13	\$6,928	\$2.60	\$0.05	\$0.06	\$3,464				
Harvest	\$12.53	\$0.25	\$0.31	\$16,691	\$10.15	\$0.20	\$0.25	\$13,525				
Additional orchard expenses	\$8.74	\$0.17	\$0.22	\$11,639	\$8.74	\$0.17	\$0.22	\$11,639				
Management fee	\$1.13	\$0.02	\$0.03	\$1,500	\$1.13	\$0.02	\$0.03	\$1,500				
Total Cost of Production	\$35.59	\$0.71	\$0.89	\$47,417	\$28.11	\$0.55	\$0.69	\$37,456				
PROFIT	\$16.82	\$0.34	\$0.42	\$22,417	\$24.98	\$0.49	\$0.62	\$33,280				

NOTES **2006** 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 \$0.15/kg.
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 \$0.15/kg.

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Analysis is based on actual yield, actual labour costs (pruning to harvest) and actual returns.
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QL07 – September 2006



Block Summary - QL10

Block Description

Block Name	Queensland - Stanthorpe #10
Location	Stanthorpe, QLD
Variety	Cripps Pink
Rootstock	MM106
Density (trees/ha)	2076
Soil Type	Sandy Loam
Replanted?	Yes
Year Planted/Grafted	2002
Irrigation Type	Drippers
Establishment Cost	\$46985/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	22261	40000	32500	81%	
2006	8249	35000	15000	43%	

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$4000
Fumigation	\$3500
Trees	\$16610
Planting	\$1875
Irrigation	\$2250
Other establishment Costs	\$18750
Tree tying labour (year 1)	\$250
Tree tying materials (year 1)	\$2500
Tree tying labour (year 2)	\$375
Tree tying materials (year 2)	\$3125

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	6256	24.27

QL10



	2006				2005							
Tree Number	1660	Age:			1660	Age:			Age:			
Area (ha)	0.80				0.80							
Density (trees/ha)	2075				2075							
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	16.87	35000	15000	35.00	19.28	40000	32500	40.00				
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	43%	57%	0%		81%	19%	0%					
Returns	\$1.20	\$0.50	\$0.15		\$1.20	\$0.50	\$0.15					
Average Size												
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	\$13.49	\$0.80	\$1.87	\$28,000	\$20.60	\$1.07	\$1.32	\$42,750				
Prune	\$1.50	\$0.09	\$0.21	\$3,113	\$2.00	\$0.10	\$0.13	\$4,150				
Thin	\$0.00	\$0.00	\$0.00	\$0	\$0.00	\$0.00	\$0.00	\$0				
Harvest	\$1.69	\$0.10	\$0.23	\$3,500	\$1.54	\$0.08	\$0.10	\$3,200				
Additional orchard expenses	\$5.61	\$0.33	\$0.78	\$11,639	\$5.61	\$0.29	\$0.36	\$11,639				
Management fee	\$0.72	\$0.04	\$0.10	\$1,500	\$0.72	\$0.04	\$0.05	\$1,500				
Total Cost of Production	\$9.52	\$0.56	\$1.32	\$19,752	\$9.87	\$0.51	\$0.63	\$20,489				
PROFIT	\$3.98	\$0.24	\$0.55	\$8,249	\$10.73	\$0.56	\$0.68	\$22,261				

NOTES **2006** Harvest reduced by severe hailstorm. 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 \$0.15/kg.

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 \$0.15/kg.

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QL10 – September 2006



block search

ALL	ALL	ALL	ALL
ALL	ALL	QLD - Stanthorpe	Search Now

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QL03	Royal Gala	1550	15		M793	Yes	2006	60064	107042
QL04	Gala	1400	12		MM106	Yes	2006	14261	35385
QL05	Royal Gala	1250	11	0	MM106	Yes	2006	23156	44000
QL06	Cripps Pink	1000	8	4787	MM106	No	2006	27936	43783
QL07	Cripps Pink	1333	10	15710	MM106	No	2006	22417	66763
QL08	Cripps Pink	1200	5	5362	MM106	Yes	2006	22428	36364
QL09	Cripps Pink	1400	12	12936	MM106	Yes	2006	29887	52075
QL10	Cripps Pink	2076	5	6256	MM106	Yes	2006	8249	35000

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