

future orchards 2012
Monitor Block Data
Orchard Walk September 2009

Block Summary – TA09

Block Description

Block Name	TAS - Huon #09
Location	Huon, TAS
Variety	Royal Gala
Rootstock	MM102
Density (trees/ha)	1404
Soil Type	Duplex
Replanted?	No
Year Planted/Grafted	2006
Irrigation Type	Sprinklers
Establishment Cost	\$19396/ha
Crop Type	Apple
Notes	

Block Profit Information

No Block Profit data is currently available for this block

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$2790
Trees	\$8424
Planting	\$1707
Trellis	\$3465
Irrigation	\$1200
Other establishment Costs	\$1810
Tree tying labour (year 1)	\$1920
Tree tying materials (year 1)	\$1890

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006		18.89

TA09 – September 2006



Block Summary – TA13

Block Description

Block Name	TAS - Derwent Valley #13
Location	Huon, TAS
Variety	Gala
Rootstock	M26
Density (trees/ha)	1803
Soil Type	Duplex
Replanted?	No
Year Planted/Grafted	2002
Irrigation Type	Undefined
Establishment Cost	\$29305/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
2006	-7936	4456	3119	70%	0

Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$2790
Trees	\$9015
Planting	\$865
Trellis	\$3465
Irrigation	\$12000
Other establishment Costs	\$1170
Tree tying labour (year 1)	\$2200
Tree tying materials (year 1)	\$2253

Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	2925	14.70



	2006											
Tree Number	4273	Age:			Age:			Age:				
Area (ha)	2.37											
Density (trees/ha)	1803											
Yield	kg /tree	Gross kg/ha	Class 1 kg /ha	Tonnes /ha	/tree	Gross /ha	Class 1 /ha	Tonnes /ha	/tree	Gross /ha	Class 1 /ha	Tonnes /ha
Gross yield	2.47	4456	3119	4.46								
Submitted to Packhouse	100%											
Packing cost	\$0.00											
Recovery and Returns	Class 1	Class 2	Process		Class 1	Class 2	Process		Class 1	Class 2	Process	
Packouts	70%	0%	30%									
Returns	\$2.30	\$0.80	\$0.08									
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	\$4.04	\$1.63	\$2.33	\$7,281								
Prune	\$0.43	\$0.17	\$0.25	\$775								
Thin	\$0.50	\$0.20	\$0.29	\$901								
Harvest	\$0.22	\$0.09	\$0.13	\$401								
Additional orchard expenses	\$6.46	\$2.61	\$3.73	\$11,639								
Management fee	\$0.83	\$0.34	\$0.48	\$1,500								
Total Cost of Production	\$8.44	\$3.42	\$4.88	\$15,217								
PROFIT	-\$4.40	-\$1.78	-\$2.54	-\$7,936								

NOTES 2006 Packouts and 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.

TA13 – September 2006

