

# future orchards 2012

## Monitor Block Data

### Orchard Walk March/April 2007

## Block Summary - NW21

### Block Description

Block Name	NSW - Batlow #21
Location	Batlow, NSW
Variety	Cripps Pink
Rootstock	M9
Density (trees/ha)	1450
Soil Type	Red brown clay loam (basalt)
Replanted?	No
Year Planted/Grafted	2000
Irrigation Type	Drippers
Establishment Cost	\$52996/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	-5637	16212	8106	50%	110
2006	8423	27298	20474	75%	100

### Block Costs

Cost Type	\$/ha
Ground preparation for replanting	\$1987
Trees	\$21010
Planting	\$993
Trellis	\$397
Irrigation	\$2119
Other establishment Costs	\$26490
Tree tying labour (year 1)	\$132
Tree tying materials (year 1)	\$265
Tree tying labour (year 2)	\$265
Tree tying materials (year 2)	\$132

### Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	6938	3.19

	2006				2005							
Tree Number	2189	Age:			2189	Age:			Age:			
Area (ha)	1.51				1.51							
Density (trees/ha)	1450				1450							
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	18.83	27298	20474	27.30	11.18	16212	8106	16.21				
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	75%	15%	10%		50%	25%	25%					
Returns	\$1.20	\$0.50	\$0.15		\$1.20	\$0.50	\$0.15					
Average Size	100				110							
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	\$18.64	\$0.99	\$1.32	\$27,025	\$8.51	\$0.76	\$1.52	\$12,334				
Prune	\$0.95	\$0.05	\$0.07	\$1,377	\$0.75	\$0.07	\$0.13	\$1,087				
Thin	\$1.50	\$0.08	\$0.11	\$2,175	\$1.80	\$0.16	\$0.32	\$2,609				
Harvest	\$1.32	\$0.07	\$0.09	\$1,911	\$0.78	\$0.07	\$0.14	\$1,135				
Additional orchard expenses	\$8.03	\$0.43	\$0.57	\$11,639	\$8.03	\$0.72	\$1.44	\$11,639				
Management fee	\$1.03	\$0.05	\$0.07	\$1,500	\$1.03	\$0.09	\$0.19	\$1,500				
Total Cost of Production	\$12.83	\$0.68	\$0.91	\$18,602	\$12.40	\$1.11	\$2.22	\$17,970				
<b>PROFIT</b>	<b>\$5.81</b>	<b>\$0.31</b>	<b>\$0.41</b>	<b>\$8,423</b>	<b>-\$3.89</b>	<b>-\$0.35</b>	<b>-\$0.70</b>	<b>-\$5,637</b>				

**NOTES**      **2006** Packouts based on 40% of harvest sent to packhouse that has currently been packed. 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.

## NW21 – September 2006



# Block Summary - NW23

## Block Description

Block Name	NSW - Batlow #23
Location	Batlow, NSW
Variety	Cripps Pink
Rootstock	M26
Density (trees/ha)	1000
Soil Type	Basalt
Replanted?	No
Year Planted/Grafted	1996
Irrigation Type	Mini Sprinkler
Establishment Cost	\$/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	8557	51366	26824	52%	
2006	57889	40488	31690	78%	

## Block Costs

No establishment costs are available for this block.

## Photos and TRV/TCA Growth Information

Date	TRV (m3/ha)	TCA (cm2)
September 2006	10300	59.56

	2006				2005							
Tree Number	820	Age:			820	Age:			Age:			
Area (ha)	0.82				0.82							
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	40.49	40488	31690	40.49	51.37	51366	26824	51.37				
Submitted to Packhouse	100%				97%							
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	78%	20%	2%		52%	26%	18%					
Returns	\$2.52	\$0.09	-\$0.53		\$1.57	-\$0.35	-\$0.44					
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	\$80.19	\$1.98	\$2.53	\$80,187	\$33.31	\$0.65	\$1.24	\$33,310				
Prune	\$2.15	\$0.05	\$0.07	\$2,150	\$2.78	\$0.05	\$0.10	\$2,780				
Thin	\$2.15	\$0.05	\$0.07	\$2,150	\$2.67	\$0.05	\$0.10	\$2,670				
Harvest	\$4.86	\$0.12	\$0.15	\$4,859	\$6.16	\$0.12	\$0.23	\$6,164				
Additional orchard expenses	\$11.64	\$0.29	\$0.37	\$11,639	\$11.64	\$0.23	\$0.43	\$11,639				
Management fee	\$1.50	\$0.04	\$0.05	\$1,500	\$1.50	\$0.03	\$0.06	\$1,500				
Total Cost of Production	\$22.30	\$0.55	\$0.70	\$22,298	\$24.75	\$0.48	\$0.92	\$24,753				
<b>PROFIT</b>	<b>\$57.89</b>	<b>\$1.43</b>	<b>\$1.83</b>	<b>\$57,889</b>	<b>\$8.56</b>	<b>\$0.17</b>	<b>\$0.32</b>	<b>\$8,557</b>				

**NOTES**      **2006** Packouts based on 45% of crop packed to date.  
**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.

## NW23 – September 2006



# 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	
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

## 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

	2006				2005							
Tree Number	740	Age:			740	Age:			Age:			
Area (ha)	0.52				0.52							
Density (trees/ha)	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	/tree	Gross /ha	Class 1 /ha	Tonnes /ha
Gross yield	9.00	12857	10929	12.86	10.09	14421	7931	14.42				
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%		55%	40%	5%					
Returns	\$1.91	\$0.10	\$0.10		\$0.90	\$0.51	\$0.05					
Average Size	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	\$/Class 1	\$ per Hectare
Income	\$14.75	\$1.64	\$1.93	\$21,066	\$7.08	\$0.70	\$1.28	\$10,115				
Prune	\$0.98	\$0.11	\$0.13	\$1,400	\$0.98	\$0.10	\$0.18	\$1,400				
Thin	\$0.95	\$0.11	\$0.12	\$1,350	\$0.94	\$0.09	\$0.17	\$1,343				
Harvest	\$0.94	\$0.10	\$0.12	\$1,337	\$1.05	\$0.10	\$0.19	\$1,500				
Additional orchard expenses	\$8.15	\$0.91	\$1.07	\$11,639	\$8.15	\$0.81	\$1.47	\$11,639				
Management fee	\$1.05	\$0.12	\$0.14	\$1,500	\$1.05	\$0.10	\$0.19	\$1,500				
Total Cost of Production	\$12.06	\$1.34	\$1.58	\$17,226	\$12.17	\$1.21	\$2.19	\$17,382				
<b>PROFIT</b>	<b>\$2.69</b>	<b>\$0.30</b>	<b>\$0.35</b>	<b>\$3,840</b>	<b>-\$5.09</b>	<b>-\$0.50</b>	<b>-\$0.92</b>	<b>-\$7,266</b>				

NOTES      2006  
                 2005

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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 – October 2006



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## block information

block search

### Block Search

Variety

ALL

Rootstock

ALL

Density

ALL

Replant?

ALL

Type

ALL

Age

ALL

Region

NSW - Batlow

Search Now

Block	Variety	Density (trees /ha)	Age (years)	TRV	Rootstock	Replant	Latest Profit Year	Profit \$/ha	Gross Kg/ha
NW01	Rosy Glow	2857	1	429	M26	Yes	-	-	-
NW02	Gala	1666	3		M9	Yes	-	-	-
NW03	Cripps Pink	2500	2	714	Bud 9	Yes	2006	-13145	86
NW07	Cripps Pink	1100	4	7375	M9	Yes	2006	-7597	8961
NW08	Royal Gala	655	16		MM106	Yes	-	-	-
NW21	Cripps Pink	1450	7	6938	M9	No	2006	8423	27298
NW23	Cripps Pink	1000	11	10300	M26	No	2006	57889	40488
NW26	Cripps Pink	1428	7	-	M26	Yes	2006	3840	12857
NW27	Cripps Pink	960	3	1800	M26	No	-	-	-
NW28	Royal Gala	1632	1		M26	No	-	-	-

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