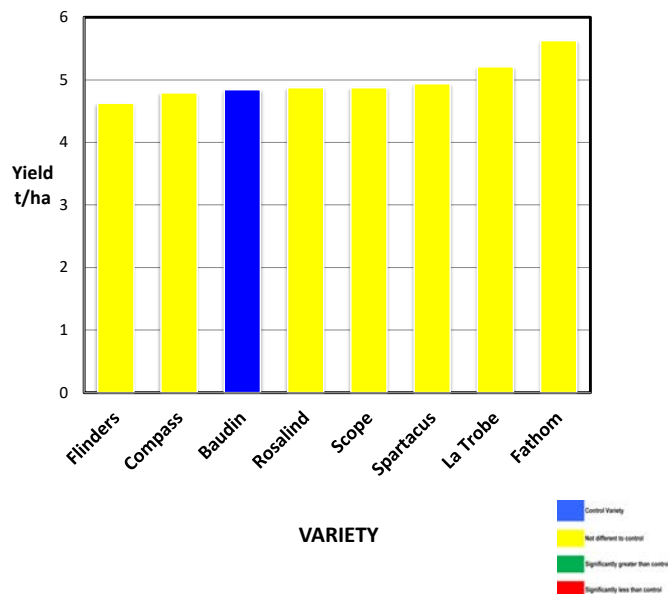
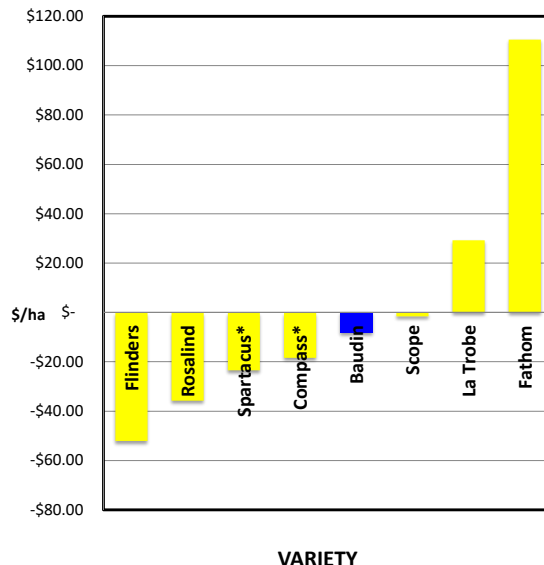


2016 SEPWA BARLEY Variety Trial S Pickering, Cascade



2016 SEPWA BARLEY Variety Trial Farmanco Income Ranking – Variety vs Site Average S Pickering, Cascade



Variety	Maturity	Yield (t/ha)	% of Baudin	Protein %	Colour	Hect kg/ha	Screenings %	Grade	Farmanco Economic Ranking
Flinders	Mid-late maturing	4.625	96%	9.0	61	67	10.6	Malt2	\$ 934.25
Compass*	Mid-season	4.792	99%	9.0	59	69	8.7	Malt2	\$ 967.98
Baudin	Mid-season	4.842	100%	9.4	60	67	15.8	Malt2	\$ 978.08
Rosalind	Mid-season	4.875	101%	8.6	61	68	9.2	BFED1	\$ 950.63
Scope	Mid-season	4.875	101%	9.1	60	68	11.2	Malt2	\$ 984.75
Spartacus*	Early Season	4.938	102%	8.5	60	67	9.8	BFED1	\$ 962.91
La Trobe	Early - Mid season	5.208	108%	8.7	61	68	13.1	BFED1	\$ 1,015.56
Fathom	Early Season	5.625	116%	8.8	59	66	12.9	BFED1	\$ 1,096.88

*denotes under Malt evaluation

Site Mean (t/ha) 4.929
 Probability 0.38
 Least significant difference 5% 0.811
 CV % 5.4

Site Details

Soil Description: Heavy Loam
 Date Sown: Monday, 12 May 2014
 Date Harvested Tuesday, 22 November 2016
 Seeding Rate: 70 kg/ha

Plot Dimensions

Length (m) 200
 Width (m) 12
 Plot Area (ha) 0.24
 Conversion Factor 4.17

Rainfall Data

Growing Season (mm) 330.8
 Site Yield (t/ha) 4.929
 kg/mm - Rainfall 14.9

RAINFALL 2016 (mm)	January	88.8	
	February	14.8	
	March	81.2	
	April	24	24
	May	55.4	79.4
	June	61.2	140.6
	July	48.6	189.2
	August	80.8	270
	September	42.6	312.6
	October	18.2	330.8
	November	7.4	
	Total	523	

Station: DAFWA Cascade



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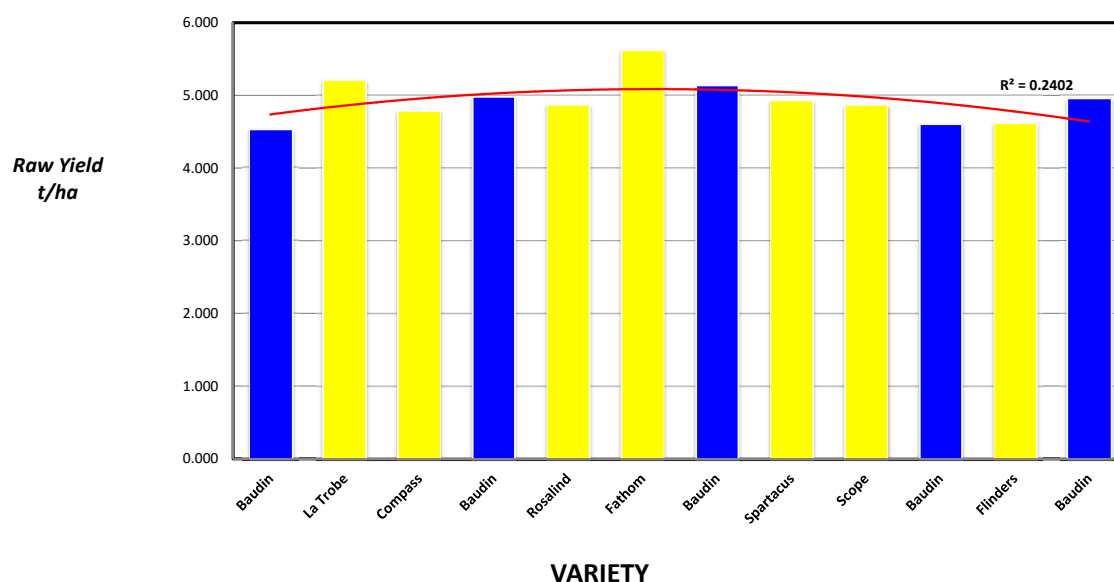


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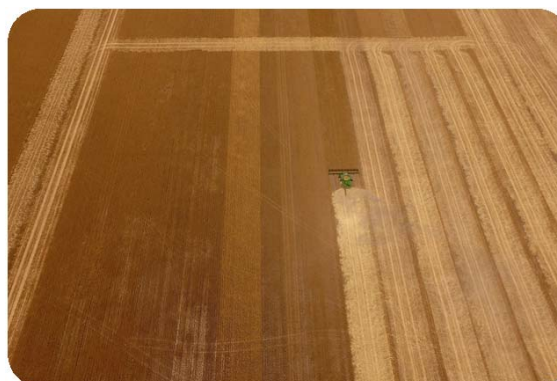


Seed Company Sponsors: AGT, Intergrain, Pacific Seeds, SeedNet, Nuseed, DuPont Pioneer, Bayer

2016 SEPWA BARLEY Variety Trial S Pickering, Cascade



Plot	Variety	Yield (t/ha)	% of Site Mean
1	Baudin	4.521	92%
2	La Trobe	5.208	106%
3	Compass	4.792	97%
4	Baudin	4.979	101%
5	Rosalind	4.875	99%
6	Fathom	5.625	114%
7	Baudin	5.146	104%
8	Spartacus	4.938	100%
9	Scope	4.875	99%
10	Baudin	4.604	93%
11	Flinders	4.625	94%
12	Baudin	4.958	101%



Site Details

Soil Description: Clay Loam
 Date Sown: Thursday, 5 May 2016
 Date Harvested: Tuesday, 22 November 2016
 Seeding Rate: 70 kg/ha

Statistical Analysis

Site Mean (t/ha) 4.929
 Probability 0.38
 Least significant difference 5% 0.8109
 CV % 5.4
 R-squared value for Baudin 0.3963

Plot Dimensions

Length (m) 200 Width (m) 12 Area (m2) 0.24 Conversion Factor 4.17



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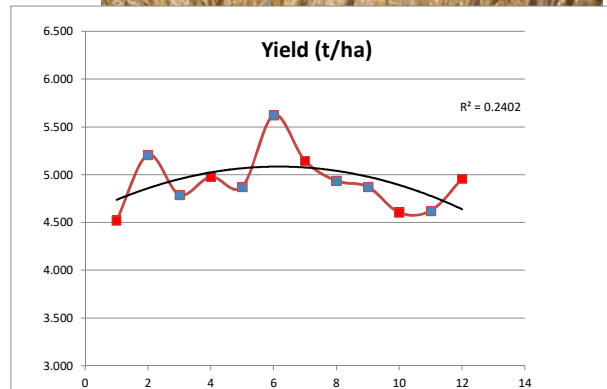
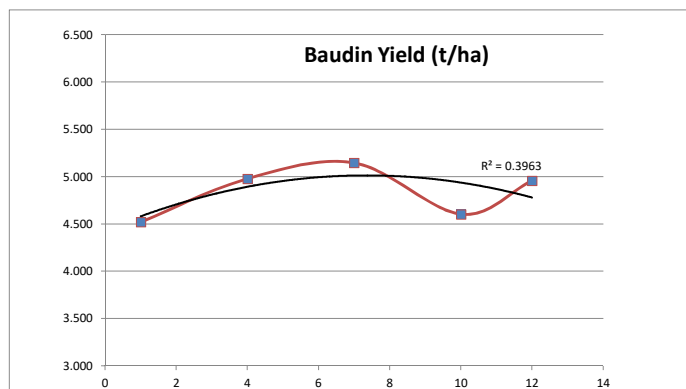
HARVEST DATA - SEPWA Barley Variety Trial - S Pickering Cascade Harvested - 22nd November 2016



Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Baudin	200	12	0.240	1085	4.521	1	92%
2	La Trobe	200	12	0.240	1250	5.208	4	106%
3	Compass	200	12	0.240	1150	4.792	9	97%
4	Baudin	200	12	0.240	1195	4.979	16	101%
5	Rosalind	200	12	0.240	1170	4.875	25	99%
6	Fathom	200	12	0.240	1350	5.625	36	114%
7	Baudin	200	12	0.240	1235	5.146	49	104%
8	Spartacus	200	12	0.240	1185	4.938	64	100%
9	Scope	200	12	0.240	1170	4.875	81	99%
10	Baudin	200	12	0.240	1105	4.604	100	93%
11	Flinders	200	12	0.240	1110	4.625	121	94%
12	Baudin	200	12	0.240	1190	4.958	144	101%

Average of Yield (t/ha)	
Variety!	Total
Flinders	4.625
Compass	4.792
Baudin	4.842
Scope	4.875
Rosalind	4.875
Spartacus	4.938
La Trobe	5.208
Fathom	5.625
Grand Total	4.929

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Baudin	200	12	0.240	1085	4.521	1	92%
4	Baudin	200	12	0.240	1195	4.979	16	101%
7	Baudin	200	12	0.240	1235	5.146	49	104%
10	Baudin	200	12	0.240	1105	4.604	100	93%
12	Baudin	200	12	0.240	1190	4.958	144	101%



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Variety	Heads per m ²
Baudin	0.3
Rosalind	0.3
Spartacus	0.5
Compass	0.5
La Trobe	0.8
Flinders	1.1
Fathom	2.4
Scope	7.7
Average	1.2

Some areas in La Trobe, Compass, Scope and fallen over due to straw strength



Variety	Extended Height
Baudin	58
Compass	74
Fathom	73
Flinders	61
La Trobe	60
Rosalind	60
Scope	89
Spartacus	67
Average	65



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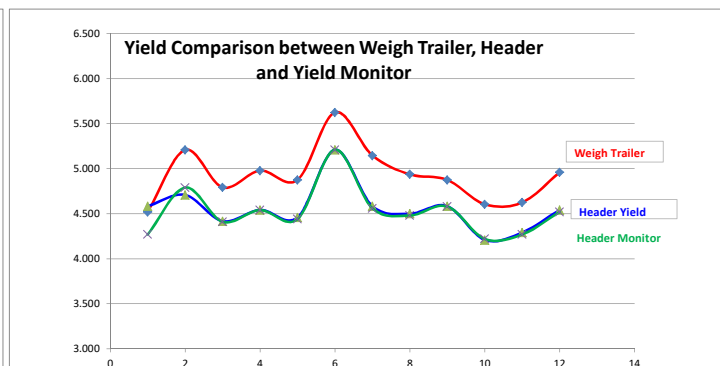
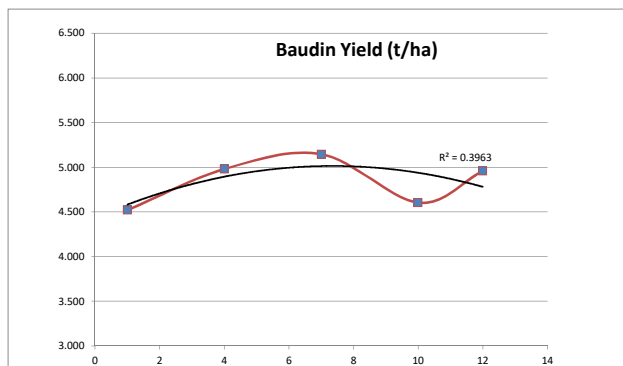
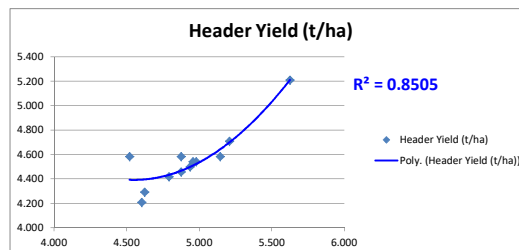
HARVEST DATA - SEPWA Barley Variety Trial - S Pickering Cascade Harvested - 22nd November 2016



Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean	Header (kgs)	Header Yield (t/ha)	Yield Monitor	% of Site Mean (Header)
1	Baudin	200	12	0.24	1085	4.521	1	92%	1100	4.583	4.27	101%
2	La Trobe	200	12	0.24	1250	5.208	4	106%	1130	4.708	4.79	103%
3	Compass	200	12	0.24	1150	4.792	9	97%	1060	4.417	4.41	97%
4	Baudin	200	12	0.24	1195	4.979	16	101%	1090	4.542	4.54	100%
5	Rosalind	200	12	0.24	1170	4.875	25	99%	1070	4.458	4.44	98%
6	Fathom	200	12	0.24	1350	5.625	36	114%	1250	5.208	5.21	114%
7	Baudin	200	12	0.24	1235	5.146	49	104%	1100	4.583	4.56	101%
8	Spartacus	200	12	0.24	1185	4.938	64	100%	1080	4.500	4.48	99%
9	Scope	200	12	0.24	1170	4.875	81	99%	1100	4.583	4.58	101%
10	Baudin	200	12	0.24	1105	4.604	100	93%	1010	4.208	4.22	92%
11	Flinders	200	12	0.24	1110	4.625	121	94%	1030	4.292	4.27	94%
12	Baudin	200	12	0.24	1190	4.958	144	101%	1090	4.542	4.52	100%

Data		
Variety!	Weigh Trailer Yield (t/ha)	Header Yield (t/ha)
Flinders	4.625	4.292
Compass	4.792	4.417
Baudin	4.842	4.492
Scope	4.875	4.583
Rosalind	4.875	4.458
Spartacus	4.938	4.500
La Trobe	5.208	4.708
Fathom	5.625	5.208
Grand Total	4.929	4.552

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Baudin	200	12	0.24	1085	4.521	1	92%
4	Baudin	200	12	0.24	1195	4.979	16	101%
7	Baudin	200	12	0.24	1235	5.146	49	104%
10	Baudin	200	12	0.24	1105	4.604	100	93%
12	Baudin	200	12	0.24	1190	4.958	144	101%



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