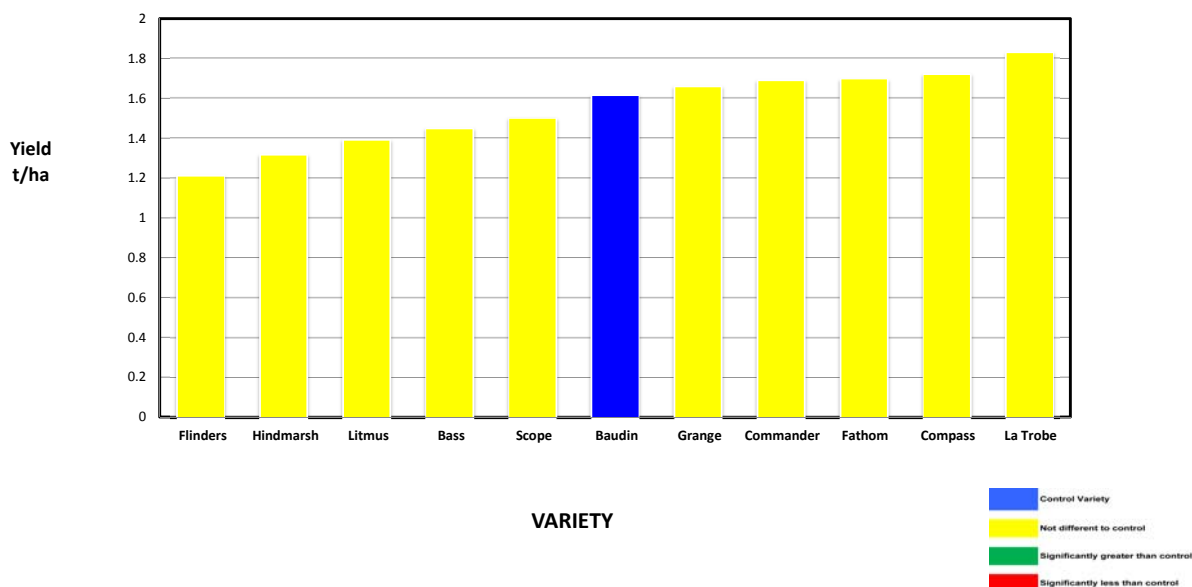


2014 SEPWA BARLEY Variety Trial Gary Walter, Cascades



Variety	Maturity	Yield (t/ha)	% of Baudin	Protein %	Colour	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
Flinders	Mid-late maturing	1.213	79%	11.4	58	65.19	4.8	Malt1***	\$ 315.38
Hindmarsh	Early - Mid season	1.320	86%	10.9	58	64.38	8.7	BFOD1	\$ 330.00
Litmus	Early Season	1.394	90%	9.7	58	65.85	2.9	BFED1	\$ 320.62
Bass	Mid-season	1.449	94%	10.1	57	65.15	3.9	Malt1	\$ 376.74
Scope	Mid-season	1.501	97%	11.9	57	62.09	6.9	Malt2	\$ 375.25
Baudin	Mid-season	1.544	100%	10.5	58	63.33	4.9	Malt2	\$ 404.00
GrangeR	Mid-season	1.661	108%	10.5	56	64.35	5.5	Malt1	\$ 431.86
Commander	Mid-season	1.691	110%	10.6	56	63.45	6.5	Malt2	\$ 422.75
Fathom	Early Season	1.697	110%	11.0	58	63.12	7.7	BFED1	\$ 390.31
Compass	Mid-season	1.722	112%	11.2	58	64.39	4.4	Malt1***	\$ 447.72
La Trobe	Early - Mid season	1.832	119%	10.9	59	65.24	5.8	Malt1***	\$ 476.32

*** denotes under Malt evaluation

Site Mean (t/ha) 1.571
 Probability 0.272
 Least significant difference 5% 0.425 t/ha
 CV % 8.9

Site Details

Soil Description: Grey Clay
 Date Sown: Wednesday, 7 May 2014
 Date Harvested: Monday, 24 November 2014
 Seeding Rate: 65 kg/ha

Plot Dimensions

Length (m) 272
 Width (m) 12
 Plot Area (ha) 0.33
 Conversion Factor 3.06

Rainfall Data

Growing Season (mm) 196
 Site Yield (t/ha) 1.571
 kg/mm - Rainfall 8.02

RAINFALL 2014 (mm)	January	0	
	February	9.5	
	March	7.5	
	April	11.5	11.5
	May	22.5	34
	June	18	52
	July	35.5	87.5
	August	27.5	115
	September	27	142
	October	54	196
	November		
	Total	213	

Cumulative Growing Season Rainfall

Station: D Arnold, Cascades



PLATINUM SPONSORS

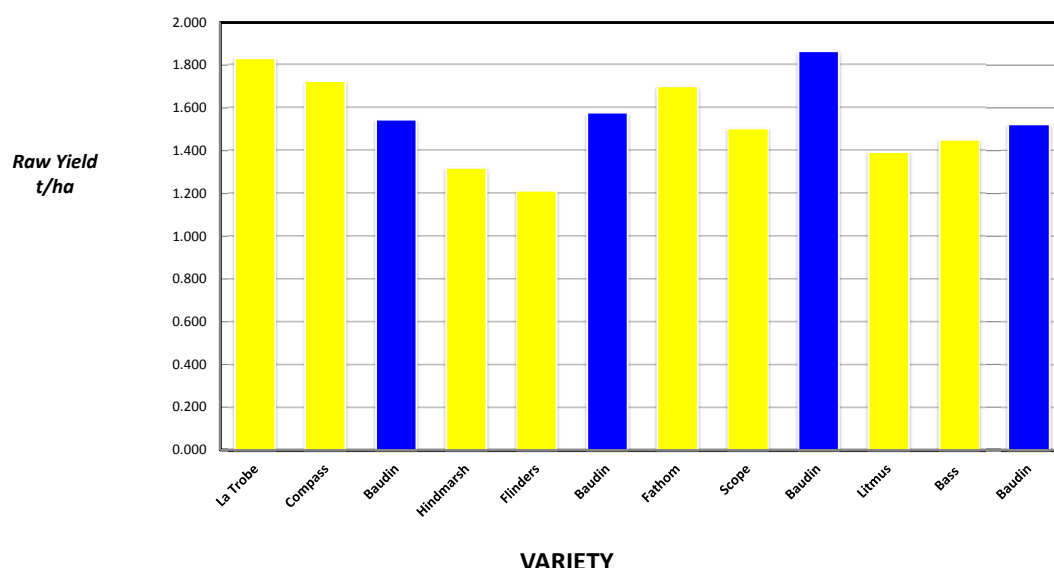


DIAMOND SPONSORS



Seed Company Sponsors: AGT, Adelaide Uni, Intergrain, Pacific Seeds, Canola Breeders WA, Nuseed, Seedmark, DuPont Pioneer, Bayer

2014 SEPWA BARLEY Variety Trial
Gary Walter, Cascades



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	La Trobe	1.832	117%
2	Compass	1.722	110%
3	Baudin	1.544	98%
4	Hindmarsh	1.320	84%
5	Flinders	1.213	77%
6	Baudin	1.575	100%
7	Fathom	1.697	108%
8	Scope	1.501	96%
9	Baudin	1.863	119%
10	Litmus	1.394	89%
11	Bass	1.449	92%
12	Baudin	1.523	97%
13	Commander	1.691	108%
14	Grange	1.661	106%
15	Baudin	1.575	100%



Site Details

Soil Description: Grey Clay
 Date Sown: Wednesday, 7 May 2014
 Date Harvested: Monday, 24 November 2014
 Seeding Rate: 65 kg/ha

Plot Dimensions

Length (m) 272 Width (m) 12 Area (m2) 0.33 Conversion Factor 3.06

Statistical Analysis

Site Mean (t/ha) 1.571
 Probability 0.272
 Least significant difference 5% 0.425 t/ha
 CV % 8.9
 R-squared value for Baudin 0.313



PLATINUM SPONSORS



DIAMOND SPONSORS



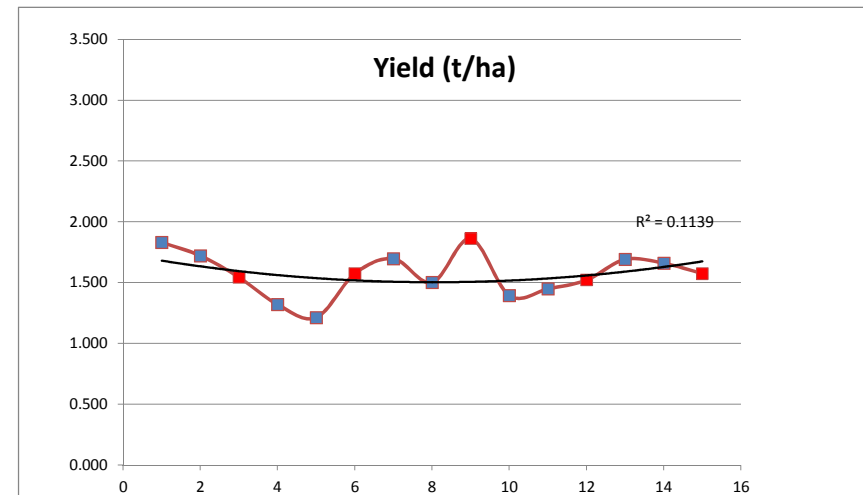
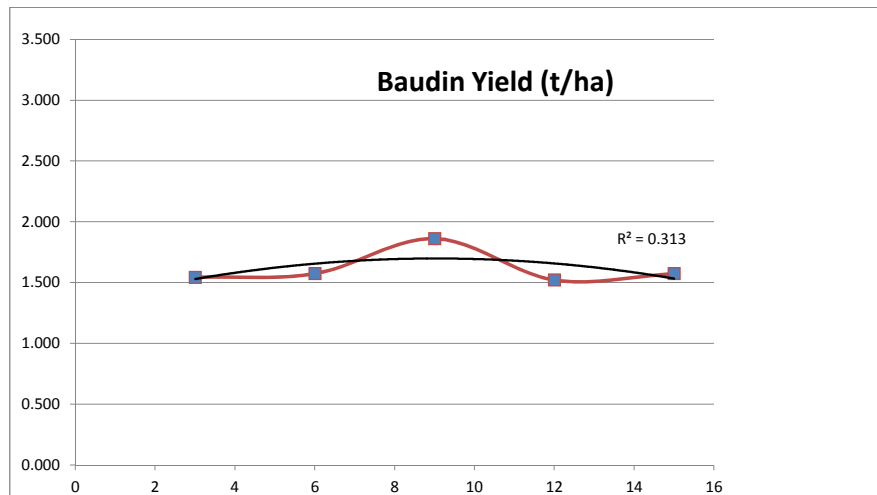
Seed Company Sponsors: AGT, Adelaide Uni, Intergrain, Pacific Seeds, Canola Breeders WA, Nuseed, Seedmark, DuPont Pioneer, Bayer

HARVEST DATA - SEPWA Barley Trial - G Walter, Cascades

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	La Trobe	272	12	0.326	598	1.832	1	117%
2	Compass	272	12	0.326	562	1.722	4	110%
3	Baudin	272	12	0.326	504	1.544	9	98%
4	Hindmarsh	272	12	0.326	431	1.320	16	84%
5	Flinders	272	12	0.326	396	1.213	25	77%
6	Baudin	272	12	0.326	514	1.575	36	100%
7	Fathom	272	12	0.326	554	1.697	49	108%
8	Scope	272	12	0.326	490	1.501	64	96%
9	Baudin	272	12	0.326	608	1.863	81	119%
10	Litmus	272	12	0.326	455	1.394	100	89%
11	Bass	272	12	0.326	473	1.449	121	92%
12	Baudin	272	12	0.326	497	1.523	144	97%
13	Commander	272	12	0.326	552	1.691	169	108%
14	Grange	272	12	0.326	542	1.661	196	106%
15	Baudin	272	12	0.326	514	1.575	225	100%

Average of Yield (t/ha)	
Variety!	Total
Flinders	1.213
Hindmarsh	1.320
Litmus	1.394
Bass (Farmer)	1.449
Scope	1.501
Baudin	1.616
Grange	1.661
Commander	1.691
Fathom	1.697
Compass	1.722
La Trobe	1.832
Grand Total	1.571

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
3	Baudin	272	12	0.326	504	1.544	9	98%
6	Baudin	272	12	0.326	514	1.575	36	100%
9	Baudin	272	12	0.326	608	1.863	81	119%
12	Baudin	272	12	0.326	497	1.523	144	97%
15	Baudin	272	12	0.326	514	1.575	225	100%



SEPWA Barlet Variety Trials - Head Loss - Gary Walter, Cascades
Date : 24th November, 2014



Plot	Variety!	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total	Average per Quadrat	Row Spacing	Heads per m ²
1	La Trobe	2	0	3	2	0	1	0	0	1	0	0	0	1	0	1	1	0	0	1	0	1	2	0	1	17	0.71	25	2.8
2	Compass	0	1	0	0	0	0	2	1	0	0	0	2	1	1	1	0	0	1	0	2	0	1	0	0	13	0.54	25	2.2
3	Baudin	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0			5	0.23	25	0.9
4	Hindmarsh	0	0	1	0	0	2	2	0	2	2	3	6	0	4	1	5	0	3	3	3	4	5	2	0	48	2.00	25	8.0
5	Flinders	4	5	6	7	0	3	4	0	2	0	3	2	5	4	2	1	5	2	5	3	0	3	2	4	72	3.00	25	12.0
6	Baudin	0	0	0	1	0	1	0	0	0	0	1	0	0	2	1	0	0	0	0	0	2	0			8	0.36	25	1.5
7	Fathom	3	1	1	1	1	1	0	2	1	0	1	0	0	0	2	0	0	0	0	3	1	0	0	1	19	0.83	25	3.3
8	Scope	5	2	6	7	8	9	11	5	7	6	5	5	8	5	7	9	6	8	5	5	7				136	6.48	25	25.9
9	Baudin	1	0	0	1	0	0	0	1	2	0	0	0	0	1	0	0	1	0	1	0	0	1			9	0.41	25	1.6
10	Litmus	10	11	8	11	7	10	11	12	12	8	9	12	14	8	15	7	10	12	10	9	11				217	10.33	25	41.3
11	Bass	1	1	2	0	1	0	1	0	1	1	0	1	0	1	0	0	1	2	1	1	0				15	0.71	25	2.9
12	Baudin	0	0	0	1	0	0	1	0	0	0	1	0	0	1	0	2	1	3	0	1					11	0.55	25	2.2
13	Commander	0	0	0	0	1	0	0	0	0	0	0	2	0	0	1	0	1	0	1	1	0	0	0	1	8	0.33	25	1.3
14	Grange	0	0	1	0	1	1	0	1	2	0	0	1	0	0	1	0	0	1	2	0	0	1			12	0.55	25	2.2
15	Baudin	0	0	0	1	2	0	0	1	0	0	1	1	0	0	1	0	1	0	0	1	0				9	0.43	25	1.7

Row Labels	Heads per m ²
Commander	1.3
Baudin	1.6
Compass	2.2
Grange	2.2
La Trobe	2.8
Bass	2.9
Fathom	3.3
Hindmarsh	8.0
Flinders	12.0
Scope	25.9
Litmus	41.3
Grand Total	7.3

