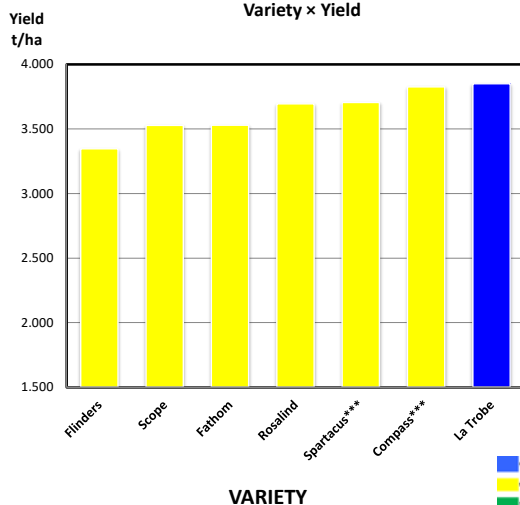
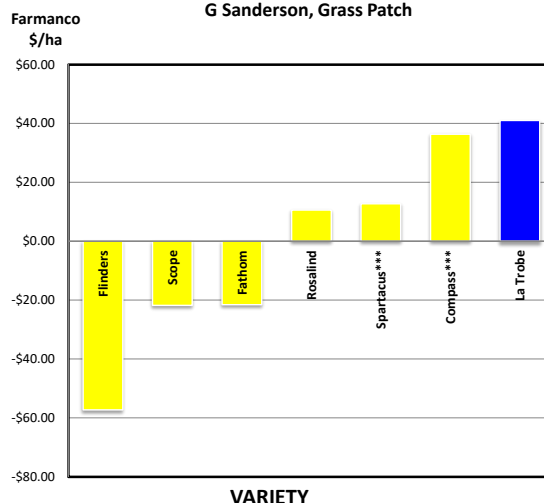


2016 SEPWA BARLEY Variety Trial
 G Sanderson, Grass Patch
 Variety x Yield



2016 SEPWA BARLEY Variety Trial
 Farmanco Income Ranking – Variety vs Site Average
 G Sanderson, Grass Patch



Variety	Maturity	Yield (t/ha)	% of La Trobe	Protein %	Colour	Hect kg/ha	Screenings %	Grade	Farmanco Economic Ranking
Flinders	Mid-late maturing	3.346	87%	8.0	60	67	6.6	BFED1	\$652.47
Scope	Mid-season	3.528	92%	7.9	60	66	7.1	BFED1	\$687.96
Fathom	Early Season	3.529	92%	6.8	59	62	6.5	BFED1	\$688.16
Rosalind	Mid-season	3.694	96%	7.7	58	63	10.7	BFED1	\$720.33
Spartacus***	Early Season	3.705	96%	7.6	59	66	5.0	BFED1	\$722.48
Compass***	Mid-season	3.826	99%	7.5	59	64	6.6	BFED1	\$746.07
La Trobe	Early - Mid season	3.850	100%	7.4	59	64	7.2	BFED1	\$750.75

*** denotes under Malt evaluation

Site Mean (t/ha) 3.703
 Probability 0.581
 Least significant difference 5% 1.1096
 CV % 5.8

Site Mean (t/ha) \$ 542.00
 Probability 0.461
 Least significant difference 5% \$ 126.60
 CV % 6.6

Site Details

Soil Description: Clay Loam
 Date Sown: Tuesday, 3 May 2016
 Date Harvested: Friday, 11 November 2016
 Seeding Rate: 50 kg/ha

Plot Dimensions

Length (m) 295
 Width (m) 13.5
 Plot Area (ha) 0.40
 Conversion Factor 2.51

Rainfall Data

Growing Season (mm) 230.2
 Site Yield (t/ha) 3.703
 kg/mm - Rainfall 16.1

RAINFALL 2014 (mm)	January		
	February		
	March	29.2	
	April	34.6	34.6
	May	52.2	86.8
	June	28.2	115
	July	56.8	171.8
	August	37.6	209.4
	September	19.4	228.8
	October	1.4	230.2
	November	-	
	Total	259.6	

Cumulative Growing Season Rainfall

Station: Station: Grass Patch



Rabobank

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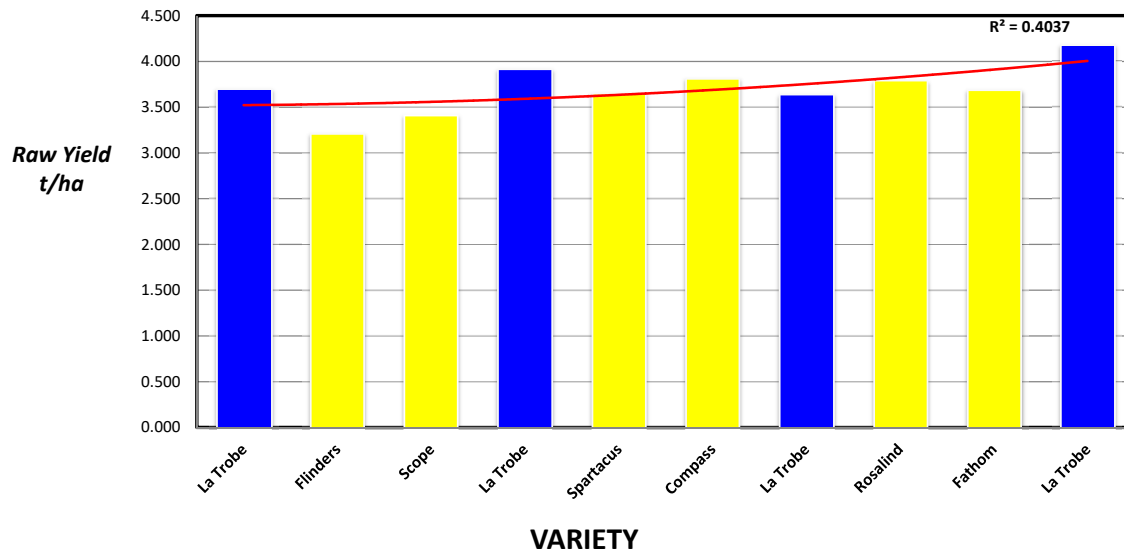


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2016 SEPWA BARLEY Variety Trial G Sanderson, Grass Patch



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	La Trobe	3.704	100%
2	Flinders	3.214	87%
3	Scope	3.415	92%
4	La Trobe	3.917	106%
5	Spartacus	3.653	99%
6	Compass	3.817	103%
7	La Trobe	3.643	98%
8	Rosalind	3.792	102%
9	Fathom	3.691	100%
10	La Trobe	4.181	113%



Site Details

Soil Description: Clay Loam
 Date Sown: Tuesday, 3 May 2016
 Date Harvested: Friday, 11 November 2016
 Seeding Rate: 50 kg/ha

Plot Dimensions

Length (m)	Width (m)	Area (m2)	Conversion Factor
295	13.5	0.40	2.51

Statistical Analysis

Site Mean (t/ha)	3.703
Probability	0.581
Least significant difference 5%	1.1096
CV %	5.8
<i>R-squared value for La Trobe</i>	<i>0.525</i>



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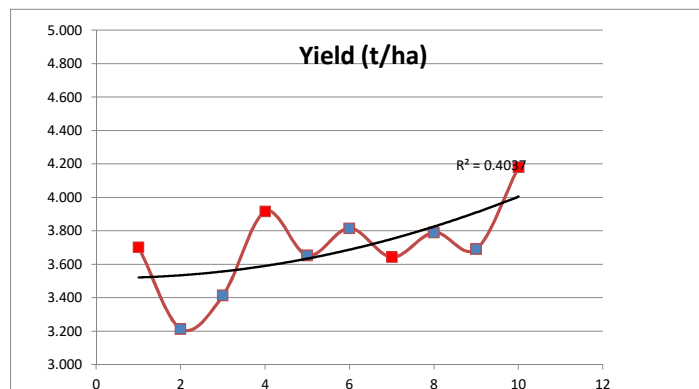
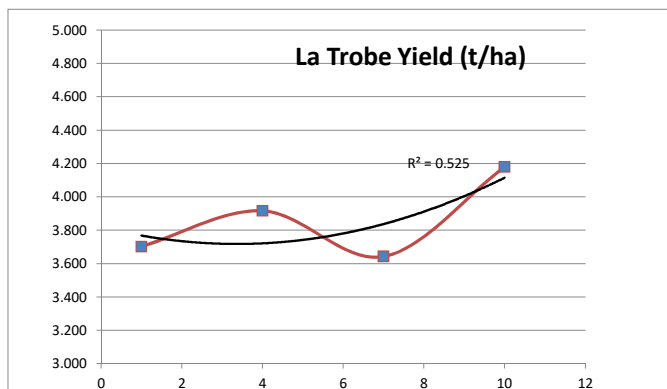
HARVEST DATA - SEPWA Barley Variety Trial - G Sanderson, Grass Patch

Harvested 11th November 2016

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	La Trobe	295	13.5	0.398	1475	3.704	1	100%
2	Flinders	295	13.5	0.398	1280	3.214	4	87%
3	Scope	295	13.5	0.398	1360	3.415	9	92%
4	La Trobe	295	13.5	0.398	1560	3.917	16	106%
5	Spartacus	295	13.5	0.398	1455	3.653	25	99%
6	Compass	295	13.5	0.398	1520	3.817	36	103%
7	La Trobe	245	13.5	0.331	1205	3.643	49	98%
8	Rosalind	295	13.5	0.398	1510	3.792	64	102%
9	Fathom	295	13.5	0.398	1470	3.691	81	100%
10	La Trobe	295	13.5	0.398	1665	4.181	100	113%

Average of Yield (t/ha)	
Variety!	Total
Flinders	3.214
Scope	3.415
Spartacus	3.653
Fathom	3.691
Rosalind	3.792
Compass	3.817
La Trobe	3.861
Grand Total	3.703

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	La Trobe	295	13.5	0.398	1475	3.704	1	100%
4	La Trobe	295	13.5	0.398	1560	3.917	16	106%
7	La Trobe	245	13.5	0.331	1205	3.643	49	98%
10	La Trobe	295	13.5	0.398	1665	4.181	100	113%



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SEPWA Barley Variety Trials - Head Loss - Geoff Sanderson

Date : 11th November, 2016

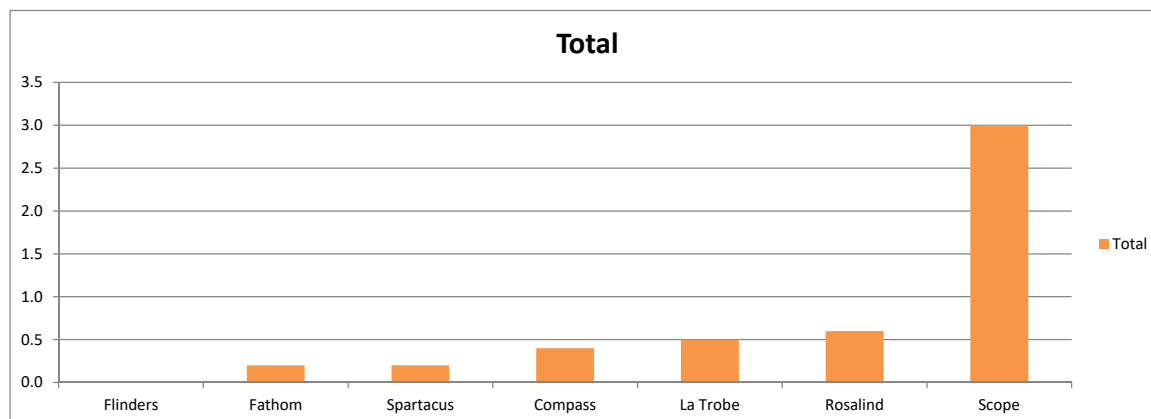


Plot	Variety!	Lodging Score	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	Average per Quadrat	Row Spacing	Heads per m
1	La Trobe	8.0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	4	0.20	25	0.8
2	Flinders	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	25	0.0
3	Scope	7.5	2	2	0	3	0	1	0	0	1	0	2	3	0	0	0	1	0	0	0	0	15	0.75	25	3.0
4	La Trobe	8.0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.05	25	0.2
5	Spartacus	8.5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05	25	0.2
6	Compass	6.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0.10	25	0.4
7	La Trobe	7.5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.15	25	0.6
8	Rosalind	7.5	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3	0.15	25	0.6
9	Fathom	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.05	25	0.2
10	La Trobe	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0.10	25	0.4

Lodging Score—9:Erect, 5 : 45 degrees, 1 :Flat on Ground

Comments Some slight straw strength areas noticed in La Trobe, Spartacus (small areas) - possible soil type changes

VARIETY	Heads per m ²
Flinders	0.0
Fathom	0.2
Spartacus	0.2
Compass	0.4
La Trobe	0.5
Rosalind	0.6
Scope	3.0
Grand Total	0.6



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