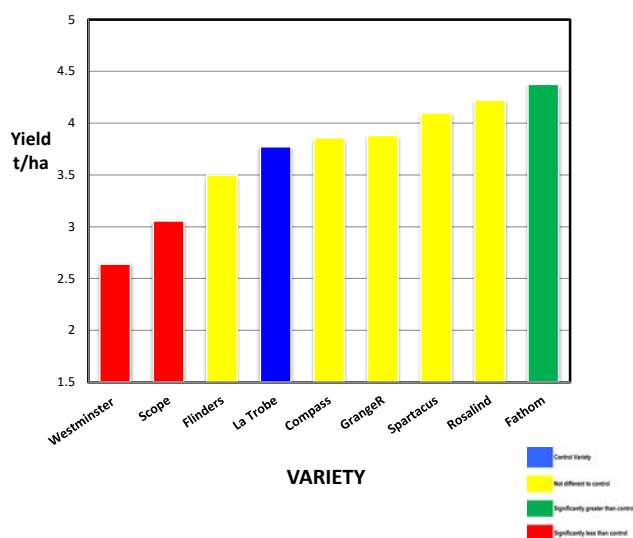
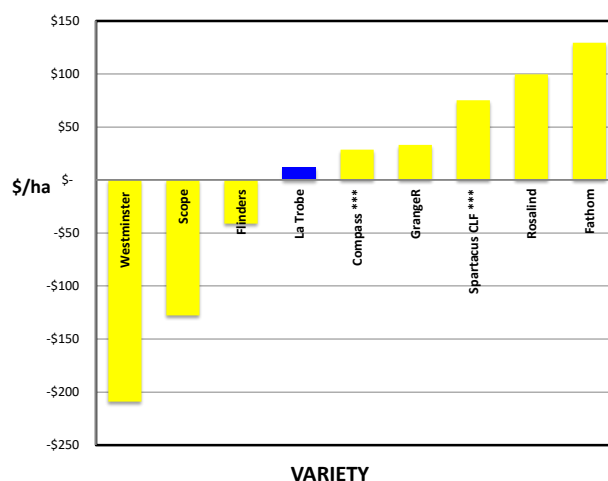


2016 SEPWA BARLEY Variety Trial P Kuiper, West River



2016 SEPWA BARLEY Variety Trial Farmanco Income Ranking – Variety vs Site Average P Kuiper, West River



Variety	Maturity	Yield (t/ha)	% of Baudin	Protein %	Colour	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
Westminster	Mid-late maturing	2.639	70%	8.6	58	62	33	BFED1	\$ 515
Scope	Mid-season	3.056	81%	8.6	56	61	49	BFED1	\$ 596
Flinders	Mid-late maturing	3.500	93%	8.2	58	64	30	BFED1	\$ 683
La Trobe	Early - Mid season	3.772	100%	8.5	57	65	39	BFED1	\$ 736
Compass ***	Mid-season	3.858	102%	7.6	57	63	22	BFED1	\$ 752
GrangeR	Mid-season	3.881	103%	8.2	56	64	29	BFED1	\$ 757
Spartacus CLF ***	Early Season	4.097	109%	8.3	58	65	43	BFED1	\$ 799
Rosalind	Mid-season	4.222	112%	8.5	54	62	36	BFED1	\$ 823
Fathom	Early Season	4.375	116%	8.7	58	63	19	BFED1	\$ 853

PLEASE NOTE: Westminster sown 20th May 2016 (seed not available to grower at TOS)

*** denotes under Malt evaluation

Site Mean (t/ha)	3.73
Probability	0.014
Least significant difference 5%	0.490
CV %	4.3

Site Details

Soil Description: Duplex, coarse gritty sand over gravel over clay
 Date Sown: Wednesday, 4 May 2016
 Date Harvested: Wednesday, 23 November 2016
 Seeding Rate: 70 kg/ha

Plot Dimensions

Length (m)	300
Width (m)	12
Plot Area (ha)	0.36
Conversion Factor	2.78

Rainfall Data

Growing Season (mm)	300.2
Site Yield (t/ha)	3.73
kg/mm - Rainfall	12.4

RAINFALL 2016 (mm)	January	119.4	
	February	11.4	
	March	134.6	
	April	33.2	33.2
	May	28.8	62
	June	68.2	130.2
	July	30.6	160.8
	August	84.6	245.4
	September	41.4	286.8
	October	13.4	300.2
	November	10	
	Total	575.6	

Station: DAFWA West River



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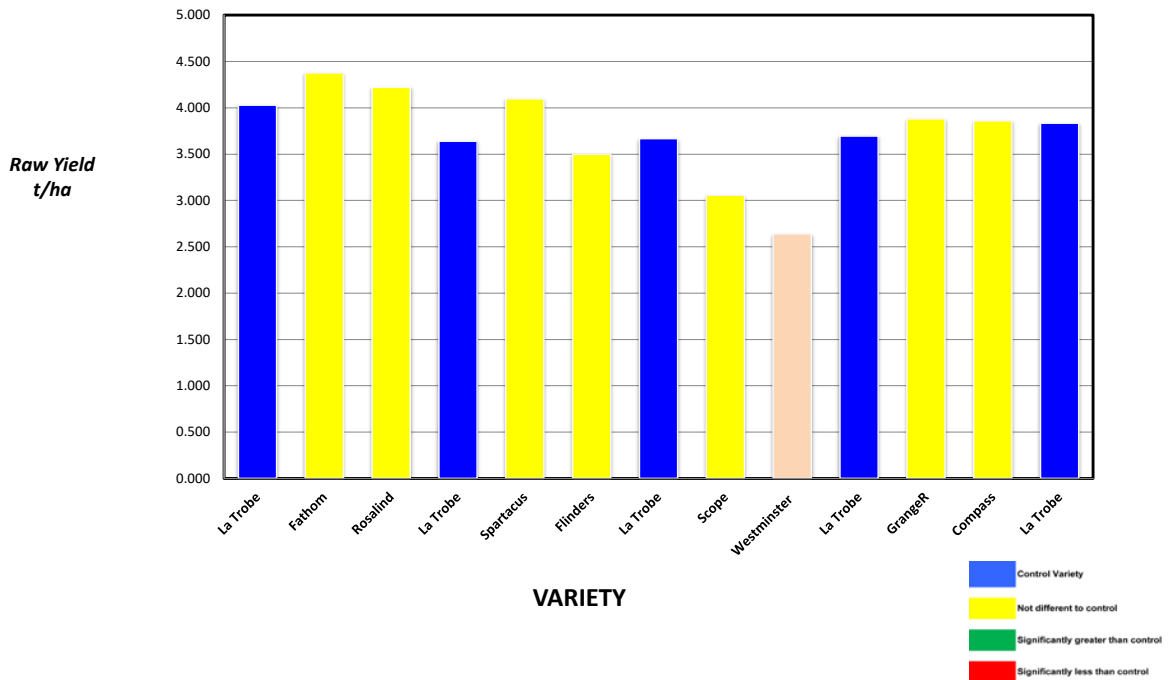


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2016 SEPWA BARLEY Variety Trial P Kuiper West River



PLEASE NOTE: Westminster sown 20th May 2016 (seed not available to grower at TOS)

Plot	Variety!	Yield (t/ha)	% of Site Mean
1	La Trobe	4.028	108%
2	Fathom	4.375	117%
3	Rosalind	4.222	113%
4	La Trobe	3.639	98%
5	Spartacus	4.097	110%
6	Flinders	3.500	94%
7	La Trobe	3.667	98%
8	Scope	3.056	82%
9	Westminster	2.639	71%
10	La Trobe	3.694	99%
11	GrangeR	3.881	104%
12	Compass	3.858	103%
13	La Trobe	3.833	103%



Site Details

Soil Description: Duplex, coarse gritty sand over gravel over clay
 Date Sown: Wednesday, 4 May 2016
 Date Harvested: Wednesday, 23 November 2016
 Seeding Rate: 70 kg/ha

Statistical Analysis

Site Mean (t/ha) 3.73
 Probability 0.014
 Least significant difference 5% 0.4904
 CV % 4.3
R-squared value for La Trobe 0.872

Plot Dimensions

Length (m) 300 Width (m) 12 Area (m2) 0.36 Conversion Factor 2.78



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HARVEST DATA - SEPWA Barley Variety Trial - P Kuiper West River Harvested 23rd November 2016

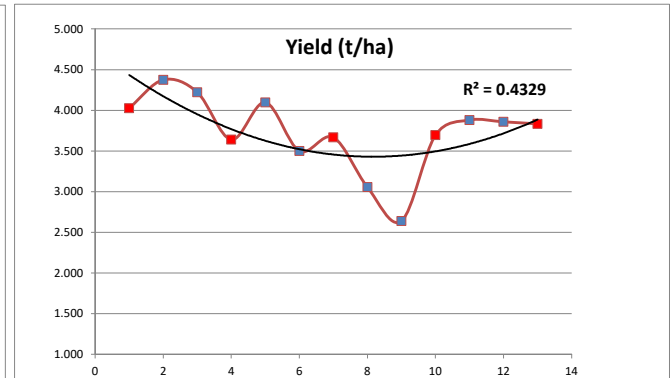
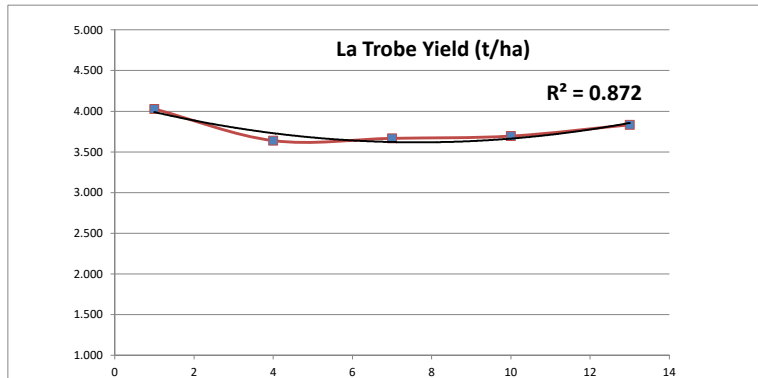


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	La Trobe	300	12	0.360	1450	4.028	1	108%
2	Fathom	300	12	0.360	1575	4.375	4	117%
3	Rosalind	300	12	0.360	1520	4.222	9	113%
4	La Trobe	300	12	0.360	1310	3.639	16	98%
5	Spartacus	300	12	0.360	1475	4.097	25	110%
6	Flinders	300	12	0.360	1260	3.500	36	94%
7	La Trobe	300	12	0.360	1320	3.667	49	98%
8	Scope	300	12	0.360	1100	3.056	64	82%
9	Westminster	300	12	0.360	950	2.639	81	71%
10	La Trobe	300	12	0.360	1330	3.694	100	99%
11	GrangeR	300	12	0.360	1397	3.881	121	104%
12	Compass	300	12	0.360	1389	3.858	144	103%
13	La Trobe	300	12	0.360	1380	3.833	169	103%

PLEASE NOTE: Westminster sown 20th May 2016 (seed not available to grower at TOS)

Average of Yield (t/ha)	
Variety!	Total
Westminster	2.639
Scope	3.056
Flinders	3.500
La Trobe	3.772
Compass	3.858
GrangeR	3.881
Spartacus	4.097
Rosalind	4.222
Fathom	4.375
Grand Total	3.730

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	La Trobe	300	12	0.360	1450	4.028	1	108%
4	La Trobe	300	12	0.360	1310	3.639	16	98%
7	La Trobe	300	12	0.360	1320	3.667	49	98%
10	La Trobe	300	12	0.360	1330	3.694	100	99%
13	La Trobe	300	12	0.360	1380	3.833	169	103%



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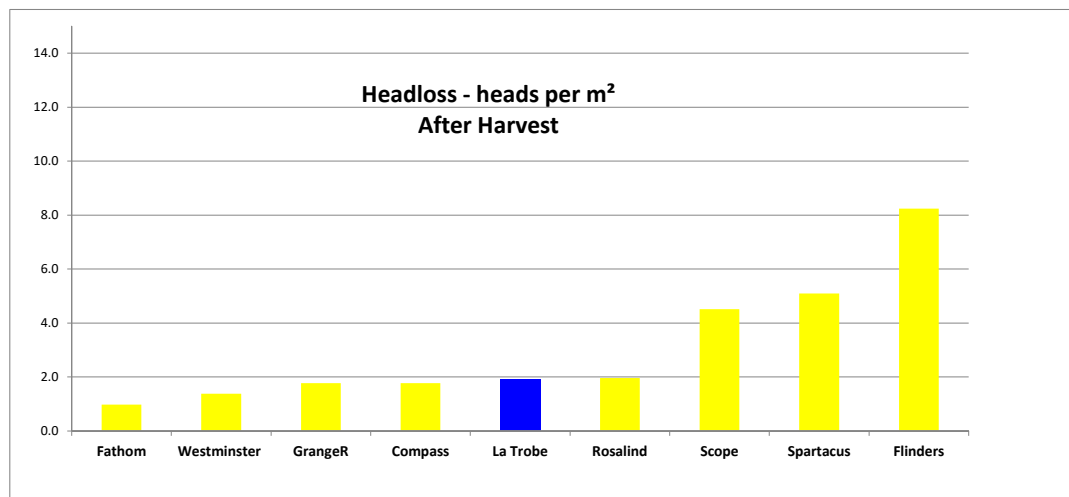
SEPWA Barley Variety Trials - Head Loss - P Kuiper West River

Head Loss counts taken 29th November 2016 after harvest



Plot	Variety!	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Average per Quadrat	Row Spacing	Heads per m ²	HeadLoss La Trobe
1	La Trobe	0	1	2	0	0	1	0	0	0	1	0	0	1	1	1	0	1	0.5	30	2	1.765
2	Fathom	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	1	0	0.3	30	1	
3	Rosalind	2	0	1	1	2	0	0	1	1	1	1	0	0	0	0	0	0	0.6	30	2	
4	La Trobe	1	0	0	1	0	3	1	0	2	1	0	0	1	0	0	0	0	0.6	30	2	1.961
5	Spartacus	3	2	2	3	1	3	2	3	0	1	2	1	0	1	2	0	0	1.5	30	5	
6	Flinders	2	3	2	3	4	6	3	0	1	2	1	5	7	2	1	0	0	2.5	30	8	
7	La Trobe	0	0	0	0	0	1	0	0	0	0	0	1	2	0	2	0	0	0.4	30	1	1.176
8	Scope	2	1	0	0	2	1	3	2	0	2	1	2	2	2	2	1	0	1.4	30	5	
9	Westminster	1	1	0	1	2	0	0	0	0	1	0	0	0	0	0	1	0	0.4	30	1	
10 Pole	La Trobe	1	0	0	0	0	0	1	1	3	0	0	1	1	2	0	1	0	0.6	30	2	2.157
10	La Trobe	1	0	3	3	2	1	0	0	1	2	3	0	0	0	0	0	0	0.9	30	3	3.137
11	GrangeR	1	2	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0.5	30	2	
12	Compass	1	1	0	0	1	0	2	1	0	1	1	0	0	0	0	0	1	0.5	30	2	
13	La Trobe	1	0	0	0	0	1	0	0	0	0	0	1	1	2	0	1	0	0.4	30	1	1.373

Row Labels	Heads per m ²
Fathom	1.0
Westminster	1.4
GrangeR	1.8
Compass	1.8
La Trobe	1.9
Rosalind	2.0
Scope	4.5
Spartacus	5.1
Flinders	8.2
Grand Total	2.7



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