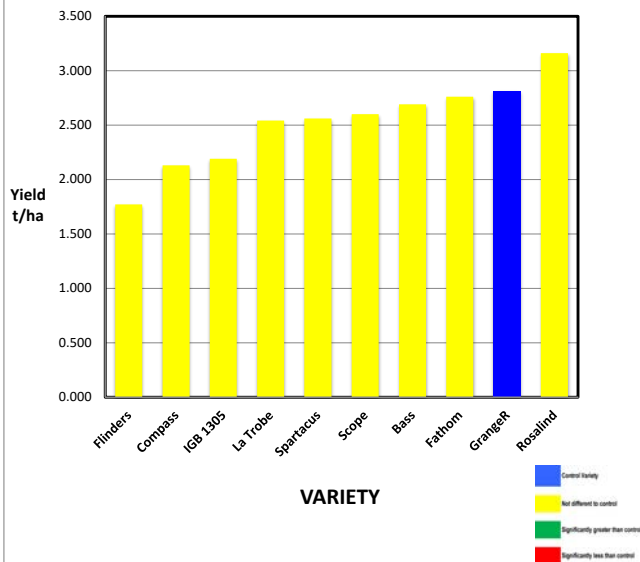
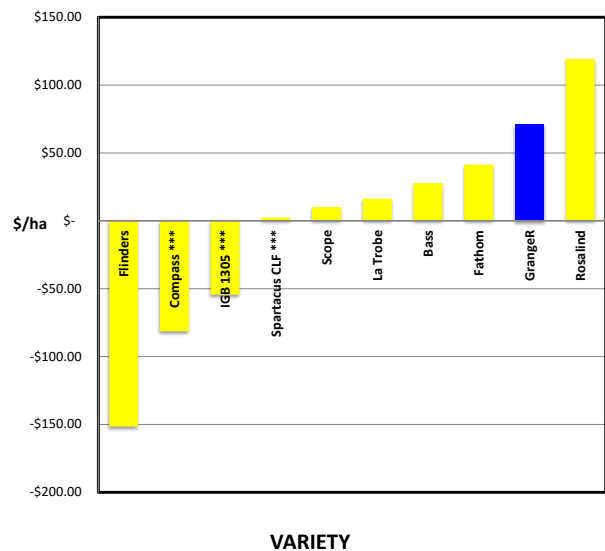


2016 SEPWA BARLEY Variety Trial L Mickel, Condingup



2016 SEPWA BARLEY Variety Trial Farmanco Income Ranking – Variety vs Site Average L Mickel, Condingup



Variety	Maturity	Yield (t/ha)	% of GrangeR	Protein %	Colour	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
Flinders	Mid-late maturing	1.77	63%	10.0	56	60	31	BFED1	\$ 345.15
Compass ***	Mid-season	2.13	76%	8.0	56	60	34	BFED1	\$ 415.35
IGB 1305 ***	Mid-late maturing	2.19	78%	9.1	55	62	30	Malt2	\$ 442.38
La Trobe	Early - Mid season	2.54	90%	9.0	56	63	32	Malt2	\$ 513.08
Spartacus CLF ***	Early Season	2.56	91%	9.1	55	61	37	BFED1	\$ 499.20
Scope	Mid-season	2.6	93%	9.2	55	62	42	BFED1	\$ 507.00
Bass	Mid-season	2.69	96%	8.5	57	65	22	BFED1	\$ 524.55
Fathom	Early Season	2.76	98%	8.6	56	63	20	BFED1	\$ 538.20
GrangeR	Mid-season	2.81	100%	9.3	55	62	32	Malt2	\$ 567.62
Rosalind	Mid-season	3.16	112%	8.7	55	61	23	BFED1	\$ 616.20

*** denotes under Malt evaluation

Site Mean (t/ha) 2.62
Probability 0.508
Least significant difference 5% 1.293
CV % 15.7

Site Details

Soil Description: Sandy Gravel over clay
Date Sown: Saturday, 18 June 2016
Date Harvested: Wednesday, 7 December 2016
Seeding Rate: 70 kg/ha

Plot Dimenstions

Length (m) 212
Width (m) 11.9
Plot Area (ha) 0.25
Conversion Factor 3.96

Rainfall Data

Growing Season (mm) 506
Site Yield (t/ha) 2.62
kg/mm - Rainfall 5.18

RAINFALL 2016 (mm)	January	52.8	
	February	8.8	
	March	43.2	
	April	49.4	49.4
	May	53	102.4
	June	82.2	184.6
	July	77.6	262.2
	August	110.4	372.6
	September	84.8	457.4
	October	48.6	506
	November	12	
	Total	622.8	

Cumulative Growing Season Rainfall

Station: DAFWA Condingup



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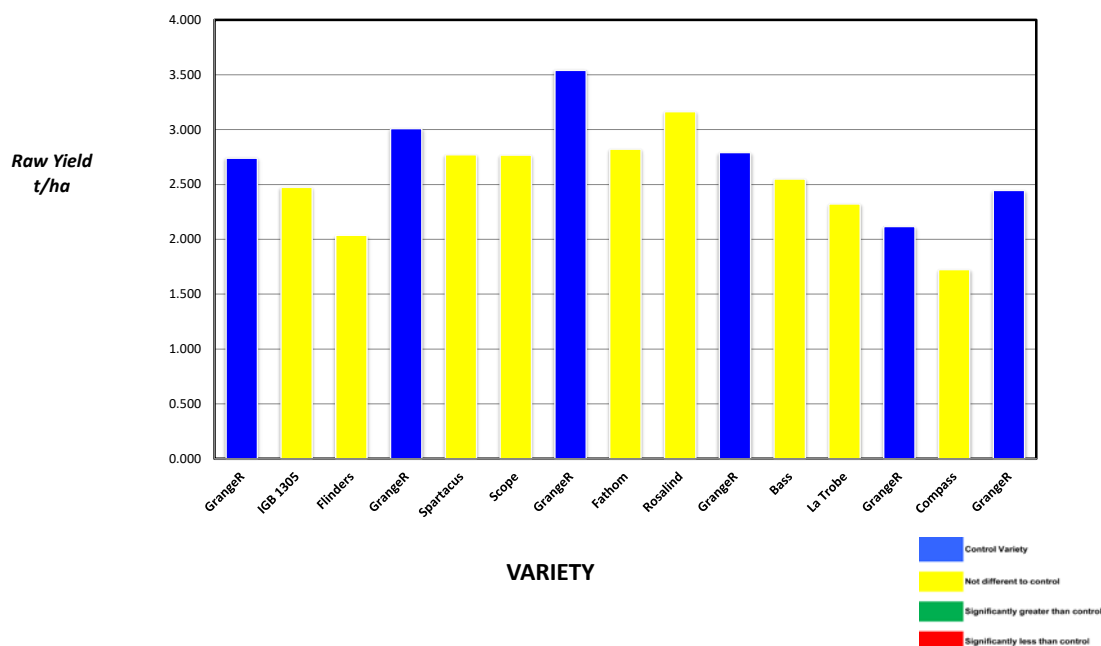


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2016 SEPWA BARLEY Variety Trial L Mickel, Condungup



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	GrangeR	2.739	105%
2	IGB 1305	2.473	94%
3	Flinders	2.037	78%
4	GrangeR	3.009	115%
5	Spartacus	2.771	106%
6	Scope	2.767	106%
7	GrangeR	3.540	135%
8	Fathom	2.822	108%
9	Rosalind	3.163	121%
10	GrangeR	2.791	107%
11	Bass	2.549	97%
12	La Trobe	2.323	89%
13	GrangeR	2.117	81%
14	Compass	1.724	66%
15	GrangeR	2.446	93%

Some waterlogging damage.



Site Details

Soil Description: Sandy Gravel over clay
Date Sown: Saturday, 18 June 2016
Date Harvested: Wednesday, 7 December 2016
Seeding Rate: 70 kg/ha

Plot Dimensions

Length (m) 212 Width (m) 11.9 Area (m2) 0.25

Conversion Factor 3.96

Statistical Analysis

Site Mean (t/ha) 2.62
Probability 0.508
Least significant difference 5% 1.293
CV % 15.7
R-squared value for GrangeR 0.598



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HARVEST DATA - SEPWA Barley Variety Trial - L Mickel Condingup **Harvested 7th December 2016**

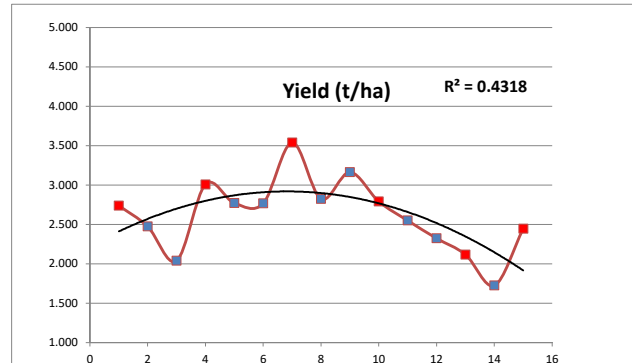
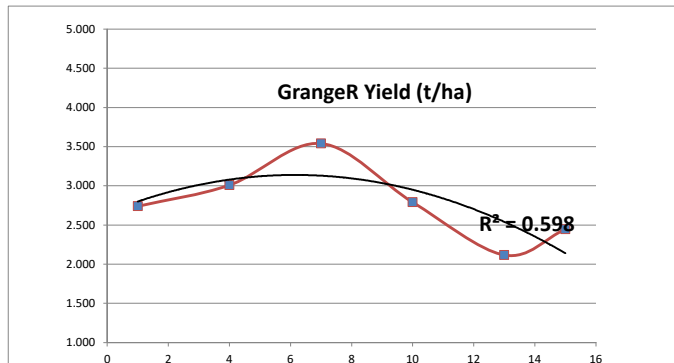


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	GrangeR	212	11.9	0.252	691	2.739	1	105%
2	IGB 1305	212	11.9	0.252	624	2.473	4	94%
3	Flinders	212	11.9	0.252	514	2.037	9	78%
4	GrangeR	212	11.9	0.252	759	3.009	16	115%
5	Spartacus	212	11.9	0.252	699	2.771	25	106%
6	Scope	212	11.9	0.252	698	2.767	36	106%
7	GrangeR	212	11.9	0.252	893	3.540	49	135%
8	Fathom	212	11.9	0.252	712	2.822	64	108%
9	Rosalind	212	11.9	0.252	798	3.163	81	121%
10	GrangeR	212	11.9	0.252	704	2.791	100	107%
11	Bass	212	11.9	0.252	643	2.549	121	97%
12	La Trobe	212	11.9	0.252	586	2.323	144	89%
13	GrangeR	212	11.9	0.252	534	2.117	169	81%
14	Compass	212	11.9	0.252	435	1.724	196	66%
15	GrangeR	212	11.9	0.252	617	2.446	225	93%

Average of Yield (t/ha)	
Variety!	Total
Compass	1.724
Flinders	2.037
La Trobe	2.323
IGB 1305	2.473
Bass	2.549
Scope	2.767
Spartacus	2.771
GrangeR	2.773
Fathom	2.822
Rosalind	3.163
Grand Total	2.618



Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	GrangeR	212	11.9	0.252	691	2.739	1	105%
4	GrangeR	212	11.9	0.252	759	3.009	16	115%
7	GrangeR	212	11.9	0.252	893	3.540	49	135%
10	GrangeR	212	11.9	0.252	704	2.791	100	107%
13	GrangeR	212	11.9	0.252	534	2.117	169	81%
15	GrangeR	212	11.9	0.252	617	2.446	225	93%



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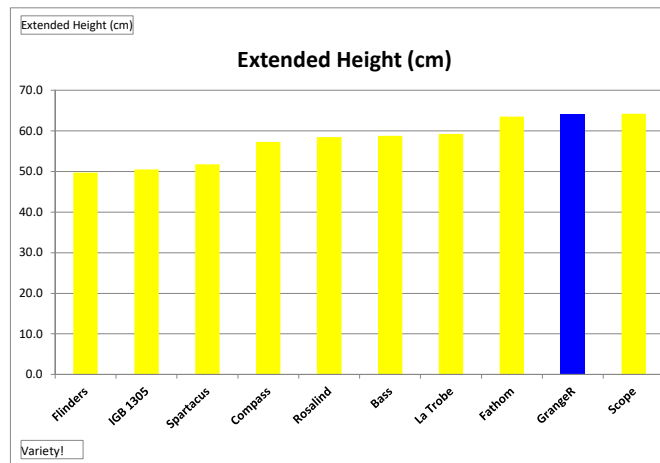
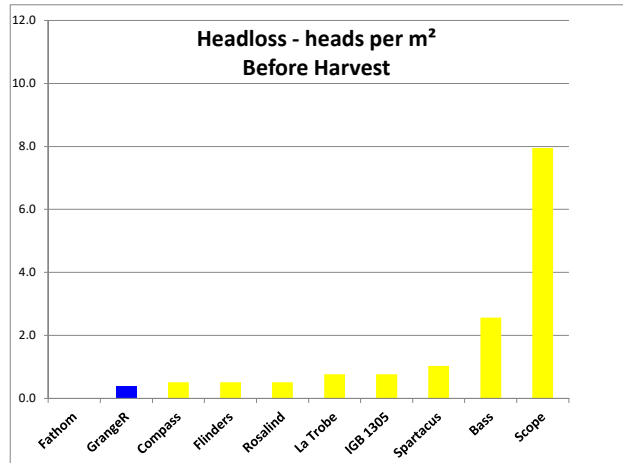
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SEPWA Barley Variety Trials - Head Loss - L Mickel Condingup
Head Loss counts taken 7th December 2016 before harvest



Plot	Variety!	Lodging Score	Extended Height (cm)					Average per Quadrat	Row Spacing	Heads per m²	HeadLoss Fathom
			1 Height (cm)	2 Height (cm)	3 Height (cm)	4 Height (cm)	5 Average Height (cm)				
1	GrangeR	7.5	68	62	62	64	64.0	0.0	0.0	0.0	0.000
2	IGB 1305	5.5 - 6.0	51	50	52	49	50.5	0.0	0.1	0.0	0.769
3	Flinders	6.5	48	52	50	49	49.8	0.1	1.0	0.0	0.513
4	GrangeR	7.5	65	60	63	61	62.3	0.0	0.0	0.0	0.000
5	Spartacus	7.5	54	52	48	53	51.8	0.0	0.1	1.0	1.026
6	Scope	6.5	63	62	64	68	64.3	2.3	2.2	2.4	7.949
7	GrangeR	7.5	69	74	68	70	70.3	0.0	0.0	0.0	0.256
8	Fathom	6	58	65	66	65	63.5	0.0	0.0	0.0	0.000
9	Rosalind	7.5	58	59	61	56	58.5	0.0	0.0	1.0	0.513
10	GrangeR	8	59	68	67	64	64.5	0.0	2.0	1.0	1.026
11	Bass	7	60	62	52	61	58.8	2.0	3.2	1.0	2.564
12	La Trobe	7.5	59	58	61	59	59.3	0.0	0.0	1.0	0.769
13	GrangeR	7.5	60	59	59	61	59.8	0.0	0.0	0.0	0.769
14	Compass	6.5	58	56	57	58	57.3	0.1	0.0	1.0	0.513
15	GrangeR	7.5	58	65	67	68	64.5	0.0	0.0	0.0	0.256

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



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