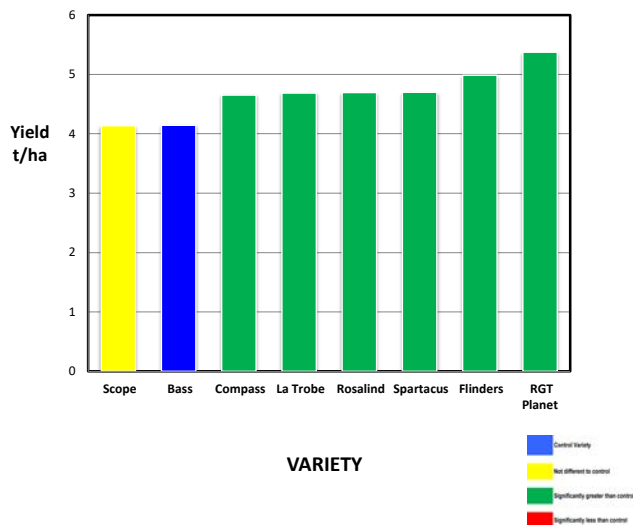
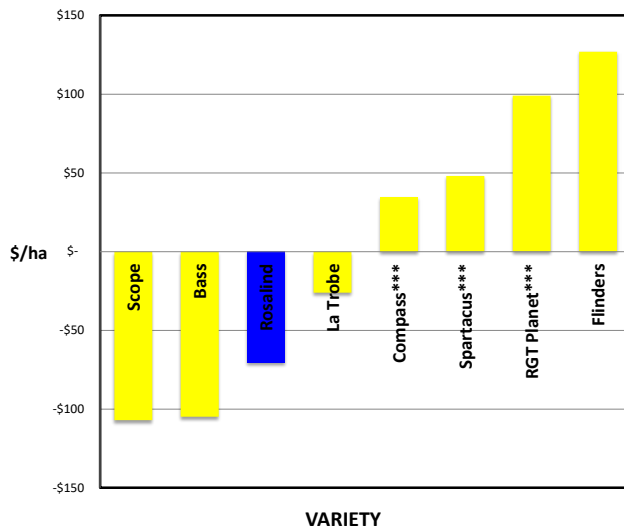


2017 SEPWA BARLEY Variety Trial A Stewart, Wittenoom Hills



2017 SEPWA BARLEY Variety Trial Farmanco Income Ranking – Variety vs Site Average A Stewart, Wittenoom Hills



Variety	Maturity	Yield (t/ha)	% of Baudin	Protein %	Colour	Hect kg/ha	Screenings %	Grade	Farmanco Economic Ranking
Scope	Mid-season	4.134	100%	10.0	59	67	2.8	Malt1	\$ 1,137
Bass	Mid-season	4.142	100%	10.6	59	66	1.6	Malt1	\$ 1,139
Compass***	Mid-season	4.650	112%	9.5	57	66	2.0	Malt1	\$ 1,279
La Trobe	Early - Mid season	4.684	113%	9.2	58	65	3.7	Malt2	\$ 1,218
Rosalind	Mid-season	4.693	113%	9.7	57	66	2.2	BFED1	\$ 1,173
Spartacus***	Early Season	4.698	113%	10.4	59	67	1.8	Malt1	\$ 1,292
Flinders	Mid-late maturing	4.985	120%	10.3	60	68	1.4	Malt1	\$ 1,371
RGT Planet***	Mid-season	5.372	130%	8.8	59	67	1.5	BFED1	\$ 1,343

*** denotes under Malt evaluation

Head Loss - most varieties had very little to nil head loss - Scope worst
Scope 9 heads per m², Compass 1.9 heads per m² and Bass 1.1 head per m²

Site Mean (t/ha) 4.444
Probability 0.021
Least significant difference 5% 0.2311
CV % 4.4

Site Details

Soil Description: Clay/Loam
Date Sown: Monday, 1 May 2017
Date Harvested: Wednesday, 1 November 2017
Seeding Rate: 75 kg/ha

Plot Dimensions

Length (m) 218
Width (m) 12
Plot Area (ha) 0.26
Conversion Factor 3.82

Rainfall Data

Growing Season (mm) 301.2
Site Yield (t/ha) 4.444
kg/mm - Rainfall 14.75

RAINFALL 2017 (mm)	January	43.6	
	February	167.2	
	March	44.2	
	April	8.8	8.8
	May	64.4	73.2
	June	18.4	91.6
	July	72.8	164.4
	August	45.2	209.6
	September	65.2	274.8
	October	26.4	301.2
	November	-	
	Total	556.2	

Cumulative Growing Season Rainfall

Station: Mt Burdett



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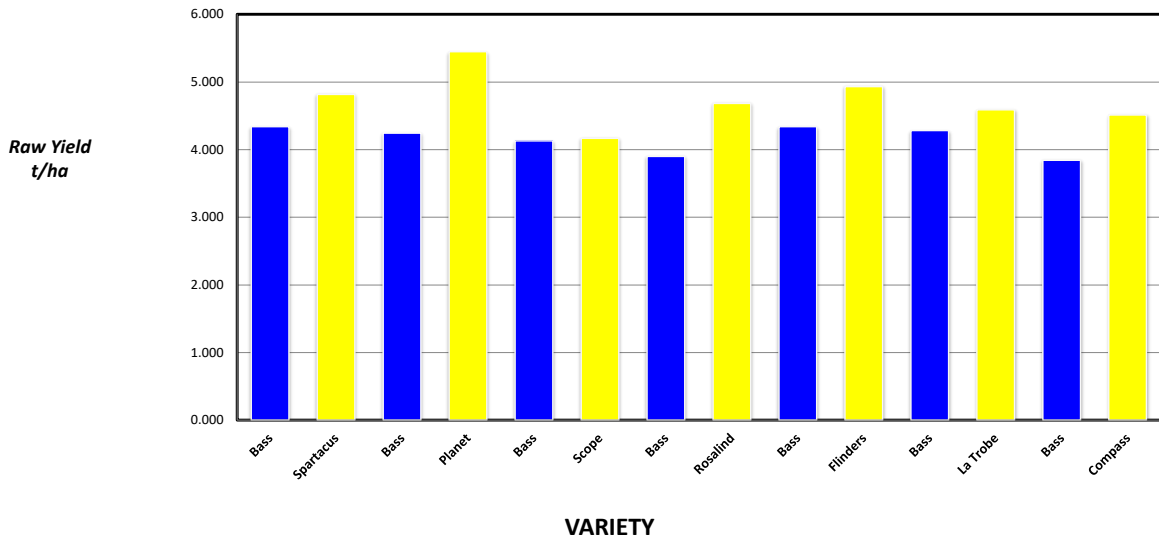


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2017 SEPWA BARLEY Variety Trial A Stewart, Wittenoom Hills



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	Bass	4.339	98%
2	Spartacus	4.817	108%
3	Bass	4.243	95%
4	Planet	5.447	123%
5	Bass	4.128	93%
6	Scope	4.167	94%
7	Bass	3.899	88%
8	Rosalind	4.683	105%
9	Bass	4.339	98%
10	Flinders	4.931	111%
11	Bass	4.281	96%
12	La Trobe	4.587	103%
13	Bass	3.842	86%
14	Compass	4.511	102%



Head Loss - most varieties had very little to nil head loss - Scope worst
Scope 9 heads per m², Compass 1.9 heads per m² and Bass 1.1 head per m²

Site Details

Soil Description: Clay/Loam
Date Sown: Monday, 1 May 2017
Date Harvested Wednesday, 1 November 2017
Seeding Rate: 75 kg/ha

Statistical Analysis

Site Mean (t/ha) 4.444
Probability 0.021
Least significant difference 5% 0.2311
CV % 4.4

Plot Dimensions

Length (m) 218
Width (m) 12
Area (m²) 0.26

Conversion Factor

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Seed Company Sponsors: AGT, Intergrain,
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DuPont Pioneer, Bayer

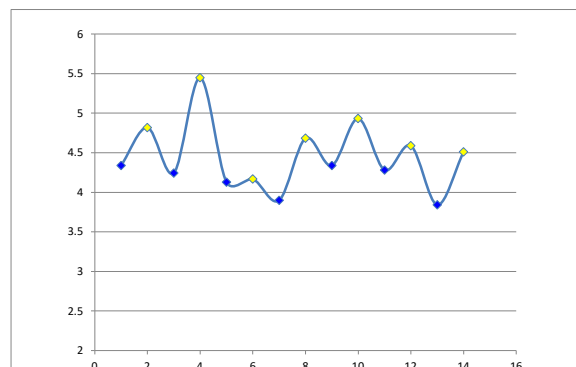
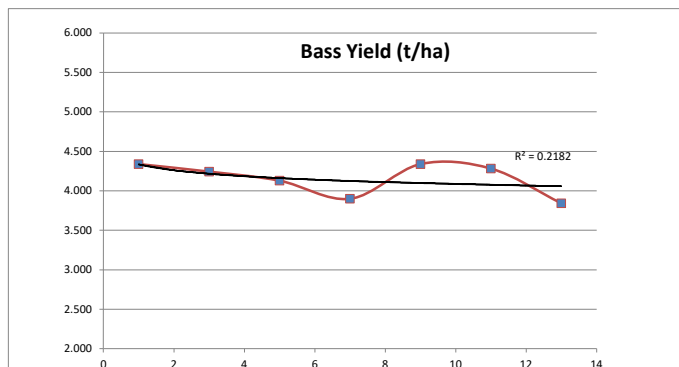
HARVEST DATA - SEPWA Barley Variety Trial - A Stewart, Wittenoom Hills Harvested - 1st November 2017



Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Bass	218	12	0.262	1135	4.339	1	98%
2	Spartacus	218	12	0.262	1260	4.817	4	108%
3	Bass	218	12	0.262	1110	4.243	9	95%
4	Planet	218	12	0.262	1425	5.447	16	123%
5	Bass	218	12	0.262	1080	4.128	25	93%
6	Scope	218	12	0.262	1090	4.167	36	94%
7	Bass	218	12	0.262	1020	3.899	49	88%
8	Rosalind	218	12	0.262	1225	4.683	64	105%
9	Bass	218	12	0.262	1135	4.339	81	98%
10	Flinders	218	12	0.262	1290	4.931	100	111%
11	Bass	218	12	0.262	1120	4.281	121	96%
12	La Trobe	218	12	0.262	1200	4.587	144	103%
13	Bass	218	12	0.262	1005	3.842	169	86%
14	Compass	218	12	0.262	1180	4.511	196	102%

Average of Yield (t/ha)	
Variety!	Total
Bass	4.153
Scope	4.167
Compass	4.511
La Trobe	4.587
Rosalind	4.683
Spartacus	4.817
Flinders	4.931
Planet	5.447
Grand Total	4.444

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Bass	218	12	0.262	1135	4.339	1	98%
3	Bass	218	12	0.262	1110	4.243	9	95%
5	Bass	218	12	0.262	1080	4.128	25	93%
7	Bass	218	12	0.262	1020	3.899	49	88%
9	Bass	218	12	0.262	1135	4.339	81	98%
11	Bass	218	12	0.262	1120	4.281	121	96%
13	Bass	218	12	0.262	1005	3.842	169	86%



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