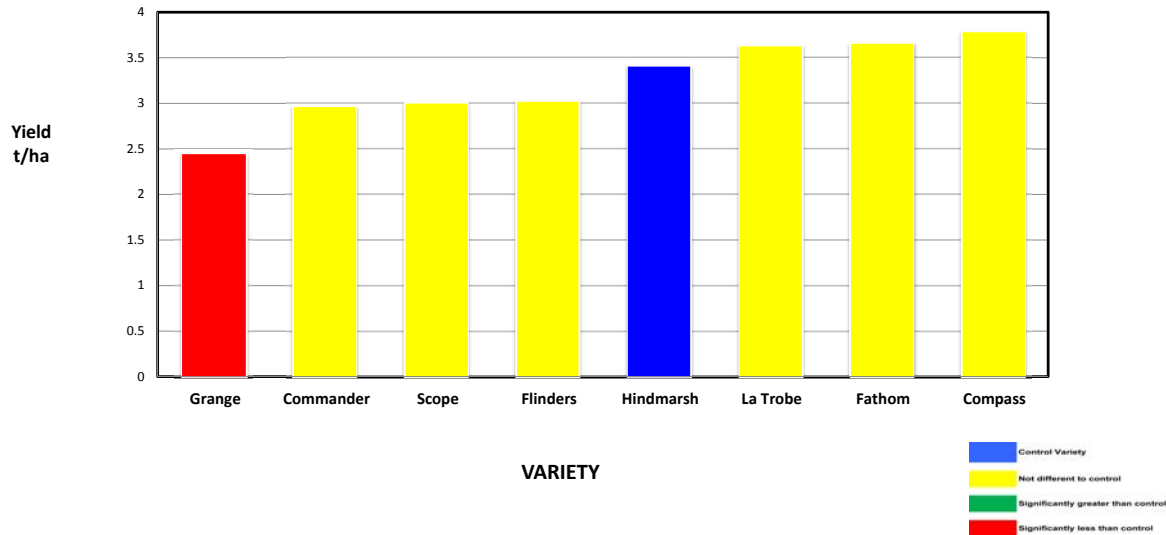


## 2014 SEPWA Barley Variety Trial Hassad, Beaumont



Variety	Maturity	Yield (t/ha)	% of Hindmarsh	Protein %	Colour	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
GrangeR	Mid-season	2.453	72%	13.2	56	64.19	5.9	BFED1	\$ 564.19
Commander	Mid-season	2.969	87%	13.7	58	64.97	5.8	BFED1	\$ 682.87
Scope	Mid-season	3.008	88%	14.7	55	63.84	10.5	BFED1	\$ 691.84
Flinders	Mid-late maturing	3.022	89%	13.3	56	62.72	2.5	BFED1	\$ 695.06
<b>Hindmarsh</b>	<b>Early - Mid season</b>	<b>3.409</b>	<b>100%</b>	<b>12.3</b>	<b>57</b>	<b>64.94</b>	<b>3.5</b>	<b>BFOD1</b>	<b>\$ 852.25</b>
La Trobe	Early - Mid season	3.635	107%	12.6	58	64.83	3.2	Malt2***	\$ 908.75
Fathom	Early Season	3.666	108%	12.7	57	65.87	3.5	BFED1	\$ 843.18
Compass	Mid-season	3.784	111%	13.7	58	65.57	4.8	BFED1	\$ 870.32

\*\*\* denotes under Malt evaluation

Site Mean (t/ha) 3.299  
 Probability 0.104  
 Least significant difference 5% 0.675 t/ha  
 CV % 3.9

### Site Details

Soil Description: Sandy Loam  
 Date Sown: Saturday, 14 June 2014  
 Date Harvested: Wednesday, 26 November 2014  
 Seeding Rate: 60 kg/ha

### Plot Dimensions

Length (m) 221  
 Width (m) 12  
 Plot Area (ha) 0.27  
 Conversion Factor 3.77

### Rainfall Data

Growing Season (mm) 271  
 Site Yield (t/ha) 3.299  
 kg/mm - Rainfall 12.17

Month	RAINFALL 2014 (mm)	Cumulative Growing Season Rainfall
January	67.5	
February	31.5	
March	1	
April	6	6
May	28.5	34.5
June	26	60.5
July	55.5	116
August	24	140
September	46	186
October	85	271
November	51	
Total	422	

19th October - 80 mm

Station: Buraminya



### PLATINUM SPONSORS

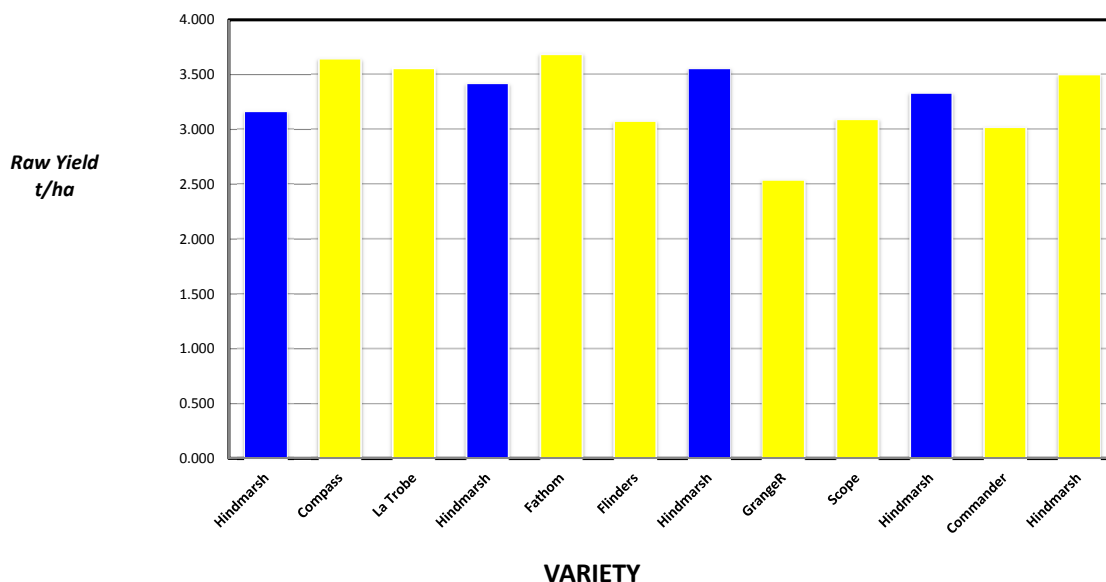


### DIAMOND SPONSORS



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

## 2014 SEPWA Barley Variety Trial Hassad, Beaumont



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	Hindmarsh	3.167	96%
2	Compass	3.643	110%
3	La Trobe	3.559	108%
4	Hindmarsh	3.416	104%
5	Fathom	3.688	112%
6	Flinders	3.077	93%
7	Hindmarsh	3.552	108%
8	GrangeR	2.539	77%
9	Scope	3.092	94%
10	Hindmarsh	3.333	101%
11	Commander	3.017	91%
12	Hindmarsh	3.499	106%

### Site Details

Soil Description: Sandy Loam  
 Date Sown: Saturday, 14 June 2014  
 Date Harvested: Wednesday, 26 November 2014  
 Seeding Rate: 60 kg/ha

### Statistical Analysis

Site Mean (t/ha) 3.299  
 Probability 0.104  
 Least significant difference 5% 0.675 t/ha  
 CV % 3.9  
*R*-squared value for Hindmarsh 0.6337

### Plot Dimensions

Length (m) 221      Width (m) 12      Area (m2) 0.27      Conversion Factor 3.77

### PLATINUM SPONSORS



### DIAMOND SPONSORS



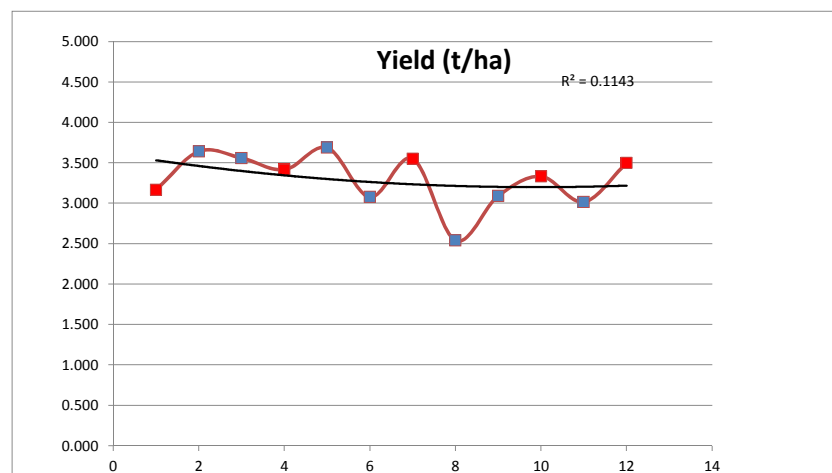
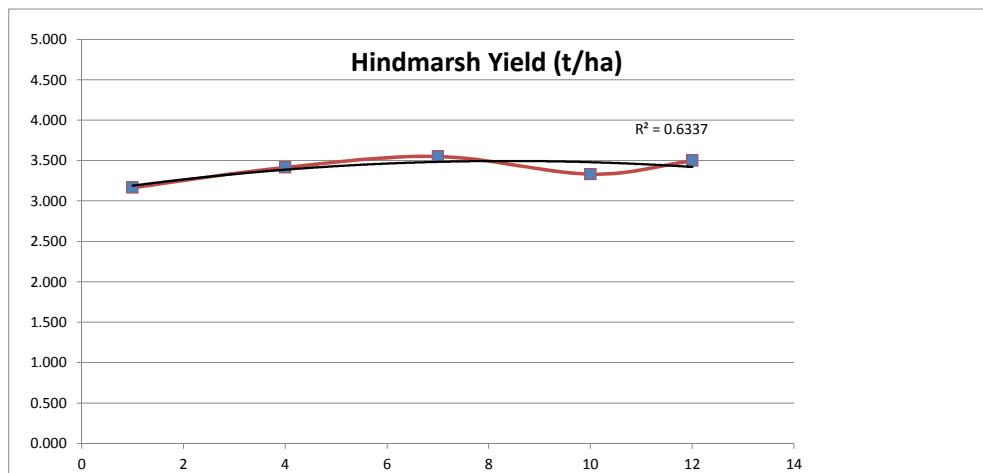
Seed Company Sponsors: AGT, Adelaide Uni, Intergrain, Pacific Seeds, Canola Breeders WA, Nuseed, Seedmark, DuPont Pioneer, Bayer

## HARVEST DATA - SEPWA - Hassad, Beaumont - BARLEY Variety Trial

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Hindmarsh	221	12	0.265	840	3.167	1	96%
2	Compass	221	12	0.265	966	3.643	4	110%
3	La Trobe	214	12	0.257	914	3.559	9	108%
4	Hindmarsh	221	12	0.265	906	3.416	16	104%
5	Fathom	216	12	0.259	956	3.688	25	112%
6	Flinders	221	12	0.265	816	3.077	36	93%
7	Hindmarsh	221	12	0.265	942	3.552	49	108%
8	GrangeR	214	12	0.257	652	2.539	64	77%
9	Scope	221	12	0.265	820	3.092	81	94%
10	Hindmarsh	221	12	0.265	884	3.333	100	101%
11	Commander	221	12	0.265	800	3.017	121	91%
12	Hindmarsh	221	12	0.265	928	3.499	144	106%

Average of Yield (t/ha)	
Variety!	Total
Grange	2.5389
Commander	3.0166
Flinders	3.0769
Scope	3.0920
Hindmarsh	3.3937
La Trobe	3.5592
Compass	3.6425
Fathom	3.6883
Grand Total	3.2986

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Hindmarsh	221	12	0.265	840	3.167	1	96%
4	Hindmarsh	221	12	0.265	906	3.416	16	104%
7	Hindmarsh	221	12	0.265	942	3.552	49	108%
10	Hindmarsh	221	12	0.265	884	3.333	100	101%
12	Hindmarsh	221	12	0.265	928	3.499	144	106%



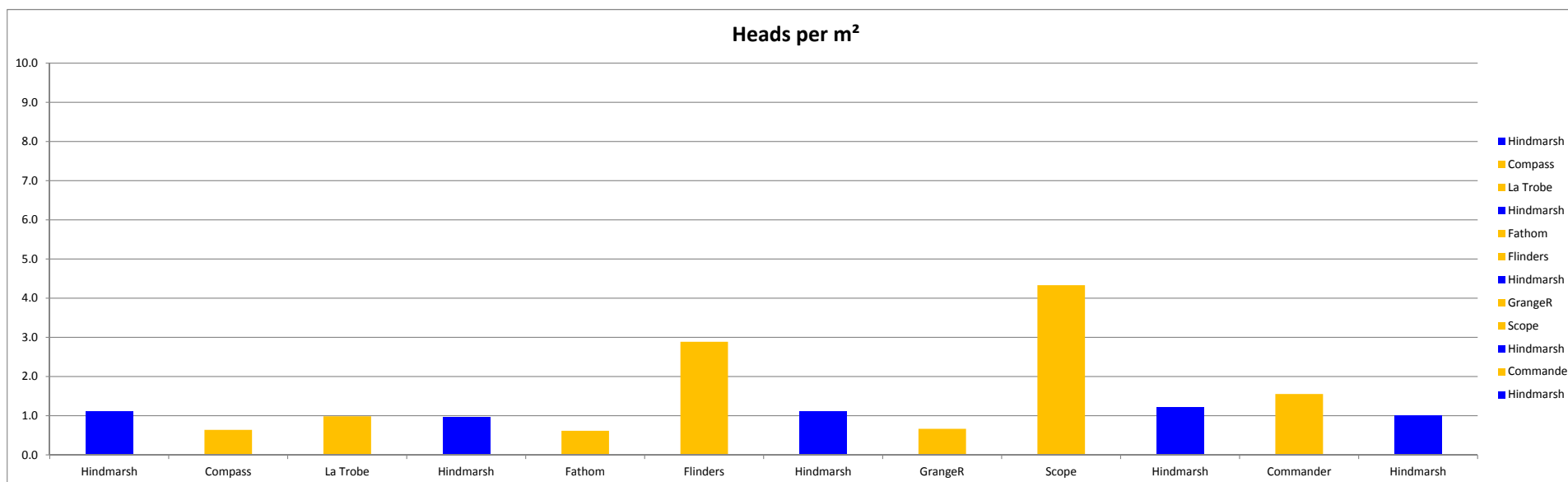
# SEPWA Barlet Variety Trials - Head Loss - Hassad, Beaumont

Date : 26th 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	25	26	27	28	29	30	Total	Average per Quadrat	Row Spacing	Heads per m <sup>2</sup>	
1	Hindmarsh	0	0	0	2	1	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0											7	0.33	30	1.1
2	Compass	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1					5	0.19	30	0.6
3	La Trobe	0	0	1	0	0	0	1	2	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0					8	0.30	30	1.0
4	Hindmarsh	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	1	0	0	0	1	0	0	0	1	0	1	0				8	0.29	30	1.0
5	Fathom	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0					5	0.19	30	0.6
6	Flinders	0	0	0	1	0	0	1	1	2	2	0	0	1	2	2	0	2	1	2	0	1	0	1	2	0	0	3	1	0	1		26	0.87	30	2.9
7	Hindmarsh	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	1	0	1		10	0.33	30	1.1
8	GrangeR	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1		6	0.20	30	0.7
9	Scope	0	1	2	0	1	1	1	1	2	3	1	2	3	2	1	1	2	1	1	1	2	1	0	0	1	1	2	2	3	0		39	1.30	30	4.3
10	Hindmarsh	1	0	1	0	0	0	0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	11	0.37	30	1.2
11	Commander	0	1	1	0	0	1	0	0	1	1	0	0	1	0	0	0	2	0	0	1	1	1	1	0	1	0	1	0	0	0		14	0.47	30	1.6
12	Hindmarsh	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	1	0	0		9	0.30	30	1.0

Row Labels	Heads per m <sup>2</sup>
Fathom	0.6
Compass	0.6
GrangeR	0.7
La Trobe	1.0
Hindmarsh	1.1
Commander	1.6
Flinders	2.9
Scope	4.3
<b>Grand Total</b>	<b>1.4</b>



Note - not as much head loss as seen at sites at Scaddan (Curnow) and Cascades (Walter) probably due to trial been sown later - on the 14th June, 2014  
 At time of harvest - moisture 12.0%, colour 57 and protein 12.4 (Hindmarsh)