

Variety	Maturity	Zadok Score (30th Aug) 117 days	Yield (t/ha)	% of GrangeR	Protein %	Colour	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
Flinders	Mid-late maturing	56	2.875	71%	12.7	58	64	10.3	Malt2	\$690
Gairdner	Mid-season	Variable 51-64	3.933	97%	11.1	58	60	45.8	BFED1	\$905
Hindmarsh	Early - Mid season	68	4.017	99%	10.4	57	61	14.6	BFED1	\$924
GrangeR	Mid-season	63	4.043	100%	11.5	57	63	11.0	Malt2	\$970
Compass***	Mid-season	66	4.375	108%	107.0	59	60	9.9	BFED1	\$1,006
Fathom	Early Season	69	4.567	113%	10.7	58	60	11.5	BFED1	\$1,050
La Trobe	Early - Mid season	69	4.500	111%	10.4	58	64	14.5	Malt2	\$1,080
Scope	Mid-season	60	4.517	112%	9.9	57	62	28.4	Malt2	\$1,084

\*\*\* denotes under Malt evaluation

Site Mean (t/ha) 4.083  
Probability 0.008  
Least significant difference 5% 0.418  
CV % 3.4

Zadok Scoring	Ear Emergence	Z 50 - 59
	Flowering	Z 60 - 69
	Grain Development - Milk	Z 70 - 79
	Grain Development - Dough	Z 80 - 89

**Farmanco Economic Ranking**

Site Mean (\$/ha) \$966  
Probability 0.009  
LSD 5% \$100  
CV % 3.4

**Site Details**

Soil Description: Gravel  
Date Sown: Tuesday, May 5, 2015  
Date Harvested: Wednesday, November 4, 2015  
Seeding Rate: 80 kg/ha

**Plot Dimensions**

Length (m) 200  
Width (m) 12  
Plot Area (ha) 0.24  
Conversion Factor 4.17

**Rainfall Data**

Growing Season (mm) 271.2  
Site Yield (t/ha) 4.083  
kg/mm - Rainfall 15.1

RAINFALL 2014 (mm)	January	4.8	
	February	5	
	March	54	
	April	37.8	37.8
	May	27.4	65.2
	June	39.4	104.6
	July	45.6	150.2
	August	65.7	215.9
	September	22.3	238.2
	October	33	271.2
	November	46.8	
	Total	381.8	

Station: Chesalon

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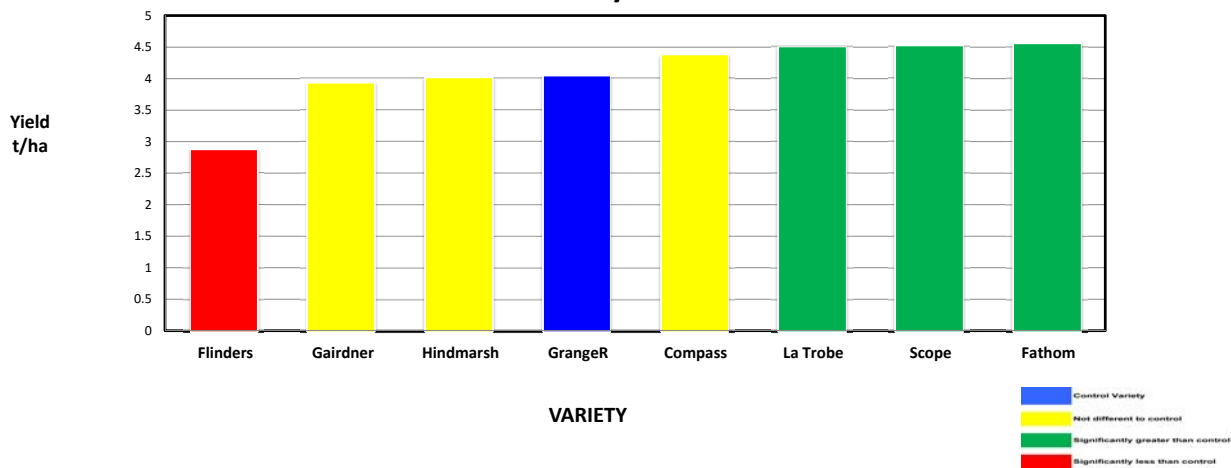


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## 2015 SEPWA BARLEY Variety Trial L Burrell, Ravensthorpe Variety × Yield



Variety	Maturity	Zadok Score (30th Aug) 117 days	Yield (t/ha)	% of GrangeR	Protein %	Colour	Hect kg/hl	Screenings %	Grade
Flinders	Mid-late maturing	56	2.875	71%	12.7	58	64	10.3	Malt2
Gairdner	Mid-season	Variable 51-64	3.933	97%	11.1	58	60	45.8	BFED1
Hindmarsh	Early - Mid season	68	4.017	99%	10.4	57	61	14.6	BFED1
<b>GrangeR</b>	<b>Mid-season</b>	<b>63</b>	<b>4.043</b>	<b>100%</b>	<b>11.5</b>	<b>57</b>	<b>63</b>	<b>11.0</b>	<b>Malt2</b>
Compass***	Mid-season	66	4.375	108%	107.0	59	60	9.9	BFED1
La Trobe	Early - Mid season	69	4.500	111%	10.4	58	64	14.5	Malt2
Scope	Mid-season	60	4.517	112%	9.9	57	62	28.4	Malt2
Fathom	Early Season	69	4.567	113%	10.7	58	60	11.5	BFED1

\*\*\* denotes under Malt evaluation

Site Mean (t/ha) 4.083  
 Probability 0.008  
 Least significant difference 5% 0.418  
 CV % 3.4

Zadok Scoring	Ear Emergence	Z
	Flowering	50 - 59
	Grain Development - Milk	60 - 69
	Grain Development - Dough	70 - 79
		80 - 89

### Site Details

Soil Description: Gravel  
 Date Sown: Tuesday, May 5, 2015  
 Date Harvested: Wednesday, November 4, 2015  
 Seeding Rate: 80 kg/ha

### Plot Dimensions

Length (m) 200  
 Width (m) 12  
 Plot Area (ha) 0.24  
 Conversion Factor 4.17

### Rainfall Data

Growing Season (mm) 271.2  
 Site Yield (t/ha) 4.083  
 kg/mm - Rainfall 15.1

Month	Rainfall (mm)	Cumulative Growing Season Rainfall
January	4.8	
February	5	
March	54	
April	37.8	37.8
May	27.4	65.2
June	39.4	104.6
July	45.6	150.2
August	65.7	215.9
September	22.3	238.2
October	33	271.2
November	46.8	
Total	381.8	

Station: Chesalon

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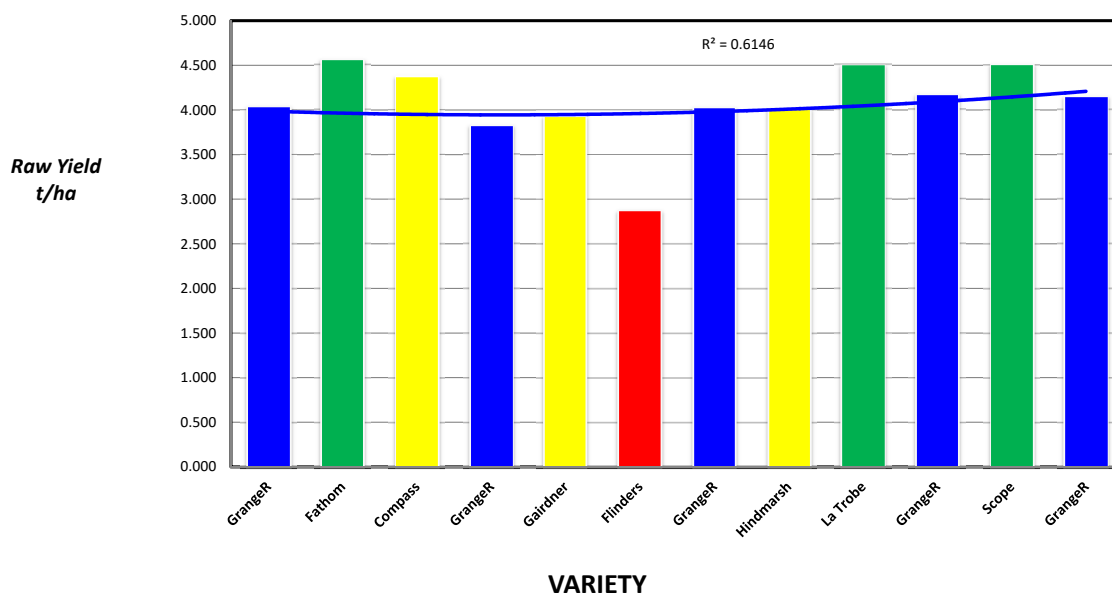


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**2015 SEPWA BARLEY Variety Trial  
 L Burrell, Ravensthorpe**



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	GrangeR	4.038	99%
2	Fathom	4.567	112%
3	Compass	4.375	107%
4	GrangeR	3.825	94%
5	Gairdner	3.933	96%
6	Flinders	2.875	70%
7	GrangeR	4.029	99%
8	Hindmarsh	4.017	98%
9	La Trobe	4.500	110%
10	GrangeR	4.171	102%
11	Scope	4.517	111%
12	GrangeR	4.150	102%



**Site Details**

Soil Description: Gravel  
 Date Sown: Tuesday, May 5, 2015  
 Date Harvested: Wednesday, November 4, 2015  
 Seeding Rate: 80 kg/ha

**Statistical Analysis**

Site Mean (t/ha) 4.083  
 Probability 0.008  
 Least significant difference 5% 0.4179  
 CV % 3.4  
*R -squared value for GrangeR* 0.6146

**Plot Dimensions**

Length (m) 200      Width (m) 12      Area (m2) 0.24      Conversion Factor 4.17



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