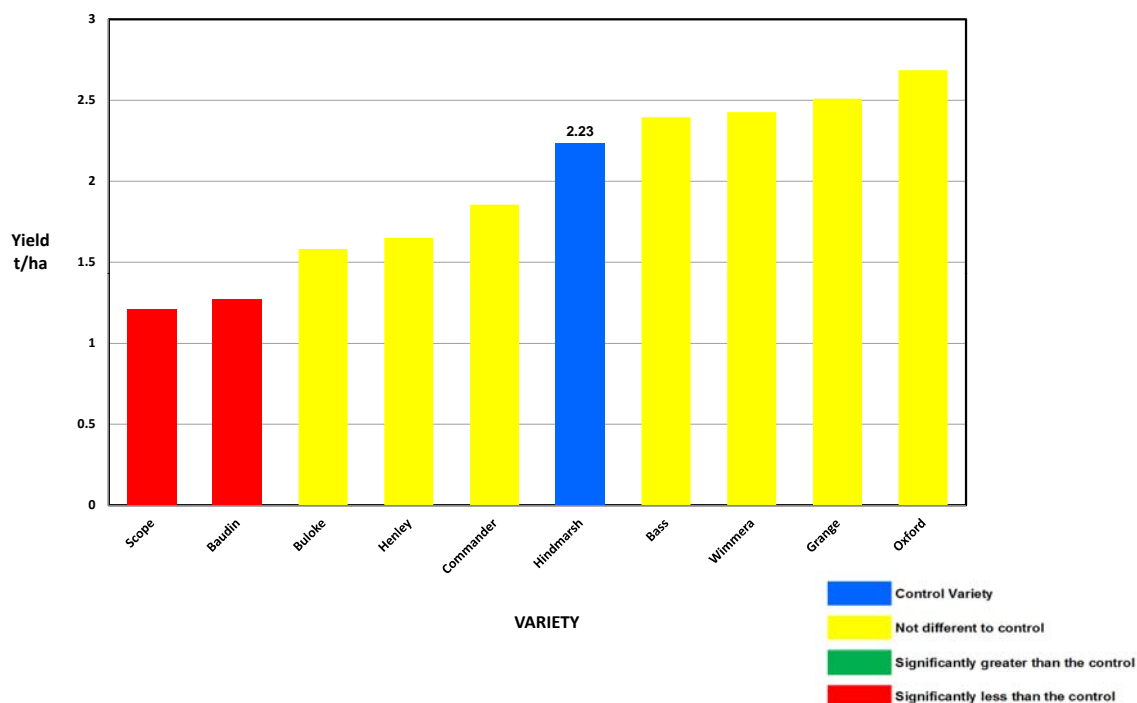


# 2012 SEPWA Barley Variety Trial **UNGRAZED**

David Cox, Neridup  
5th December, 2012



Variety	Extended Height (cm)	Lodging (% plants affected)	Head Loss (Head/m²)	Zadok Score 13/9/2012 (109 Days)	Maturity	Yield (t/ha)	% of Hindmarsh	Protein %	Moisture %	Color	Hect kg/ha	Screenings %	Farmanco Economic Ranking	Grade
Scope	63	100%	43	60	Mid	1.21	54%	11.8	12.1	54	57	52	\$339	Feed
Baudin	51	3%	44	55	Mid - Late	1.27	57%	12.2	12.1	54	56	37	\$356	Feed
Buloke	67	100%	40	59	Mid	1.58	71%	11.6	12.1	54	58	60	\$443	Feed
Henley	63	15%	74	58	Mid	1.65	74%	11.8	12.0	54	53	28	\$462	Feed
Commander	66	30%	41	56	Mid - Late	1.86	83%	11.4	12.0	54	54	60	\$520	Feed
Hindmarsh	59	11%	53	63	Early - Mid	2.23	100%	11.4	12.7	56	64	21	\$647	Food
Bass	58	4%	58	61	Mid	2.40	107%	12.9	12.1	55	62	15	\$671	Feed
Wimmera	60	10%	58	56	Mid - Late	2.43	109%	12.0	12.0	55	59	34	\$680	Feed
Grange	63	3%	51	59	Mid	2.51	113%	11.2	12.1	54	57	18	\$703	Feed
Oxford	55	3%	30	50	Late	2.69	120%	10.6	12.2	56	57	25	\$752	Feed

Malt 1 or 2 (P) Provisional : Variety still under "malt evaluation"

Plot Dimensions Length (m) Width (m) Area (m2) Conversion Factor  
250 13.5 3375 2.96

Soil Description: Duplex  
Date Sown: Sunday, 27 May 2012  
Seeding Rate: 55 kg/ha

Site Mean (t/ha) 2.08  
Probability 0.071  
Least significant difference 5% CV % 0.77 t/ha 9.70%

## Farmanco Economic Ranking

Grade	Price
Malt 1	\$300
Malt 2	\$290
Food	\$290
Feed	\$280

## Rainfall Data

Growing Season (mm) Yield kg/mm rainfall  
258.5 2.08 8.0

## Comment

Head loss and lodging of crop due to strong winds and some hail. Buloke and Scope (tall varieties) affected with lodging or crop which had fallen over. Head loss occurred in all varieties

RAINFALL 2012 ( mm)	January	35.0	Cumulative Growing Season Rainfall
	February	12.0	
	March	42.5	
	April	7.0	
	May	18.5	
	June	77.0	
	July	39.5	
	August	62.0	
	September	45.0	
	October	9.5	
	November	51.5	
	December	14.0	
	Total	413.5	

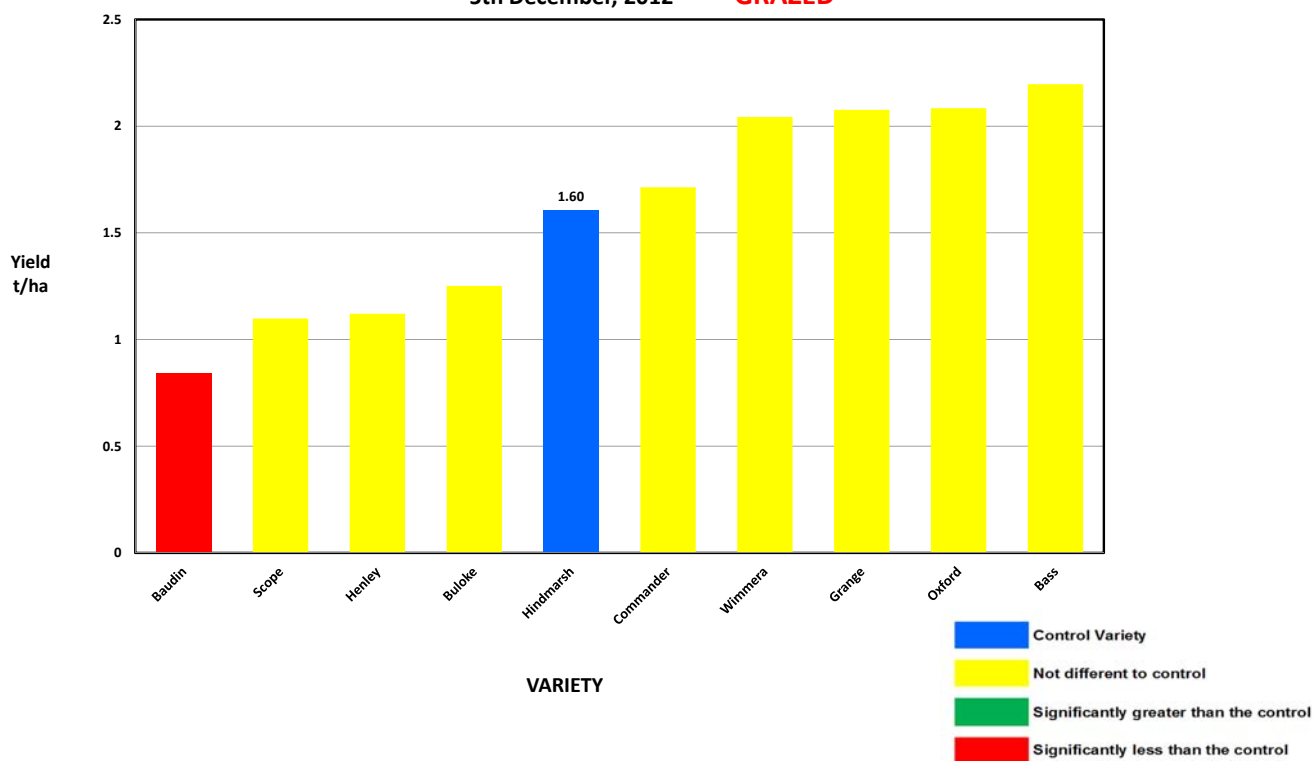
\*\*\* Rainfall figures from Met Bureau - Beaumont West

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**2012 SEPWA Barley Variety Trial**  
**David Cox, Neridup**  
**5th December, 2012** **GRAZED**



Variety	Extended Height (cm)	Lodging (% plants affected)	Head Loss (Head/m²)	Yield (t/ha)	% of Hindmarsh	Protein %	Moisture %	Color	Hect kg/ha	Screenings %	Farmanco Economic Ranking	Grade
Baudin	48	3%	24	0.84	53%	12.8	12.1	54	56	40	\$236	Feed
Scope	60	95%	26	1.10	69%	11.9	11.9	55	61	32	\$308	Feed
Henley	55	5%	37	1.12	70%	12.5	11.9	54	56	33	\$314	Feed
Buloke	58	70%	31	1.25	78%	11.8	11.8	55	58	56	\$351	Feed
Hindmarsh	51	6%	36	1.60	100%	12.0	12.4	56	62	36	\$449	Feed
Commander	57	10%	32	1.71	107%	11.9	11.8	55	59	53	\$480	Feed
Wimmera	56	3%	31	2.04	127%	12.6	12.1	55	59	42	\$572	Feed
Grange	56	0%	17	2.08	129%	12.3	12.0	55	61	25	\$582	Feed
Oxford	42	0%	21	2.08	130%	11.1	12.1	56	62	35	\$584	Feed
Bass	49	3%	39	2.20	137%	12.5	12.0	55	61	27	\$615	Feed

Malt 1 or 2 (P) Provisional : Variety still under "malt evaluation"

Plot Dimensions	Length (m)	Width (m)	Area (m²)	Conversion Factor
	193	13.5	2606	3.84
Soil Description:	Duplex			
Date Sown:	Sunday, 27 May 2012			
Seeding Rate:	55 kg/ha			
Site Mean (t/ha)	1.64			
Probability	0.051			
Least significant difference 5% CV %	0.6961			
	12.9			

Farmanco Economic Ranking	
Grade	Price
Malt 1	\$300
Malt 2	\$290
Food	\$290
Feed	\$280

Rainfall Data	Yield	rainfall
Growing Season (mm)		
258.5	1.64	6.4

Comment

site affected by hail and strong winds Buloke and Scope badly affected by wind - bad lodging. Head loss was noticable in all plots.

RAINFALL 2012 ( mm )	January	35.0	Cumulative Growing Season Rainfall
	February	12.0	
	March	42.5	
	April	7.0	
	May	18.5	
	June	77.0	
	July	39.5	
	August	62.0	
	September	45.0	
	October	9.5	
	November	51.5	
	December	14.0	
	Total	413.5	

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