

## HARVEST DATA - SEPWA Barley Variety Trial - CN & GP Brooks, Lake King Harvested - 29th October 2023

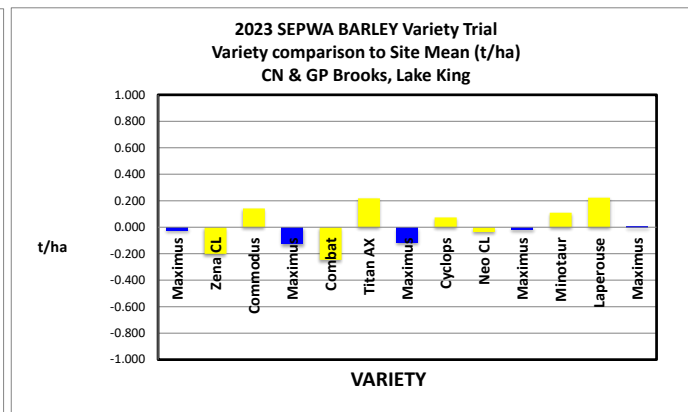
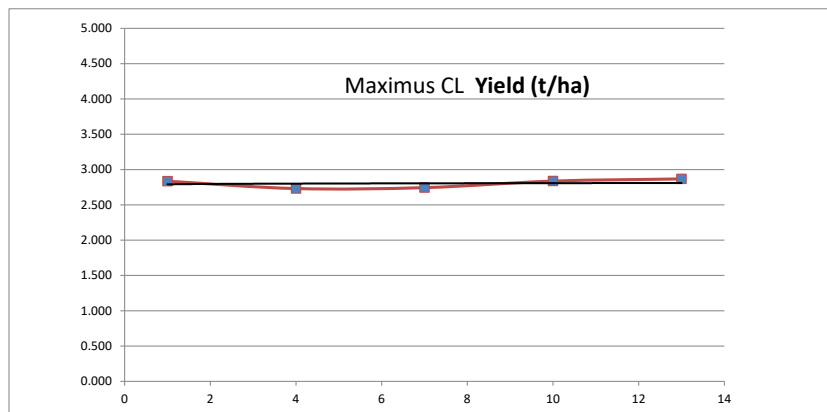


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Maximus	318	13.5	0.43	1219	2.835	1	99%
2	Zena CL	318	13.5	0.42	1116	2.657	4	93%
3	Commodus	318	13.5	0.42	1260	3.000	9	105%
4	Maximus	318	13.5	0.42	1147	2.731	16	96%
5	Combat	318	13.5	0.43	1123	2.612	25	91%
6	Titan AX	318	13.5	0.42	1292	3.076	36	108%
7	Maximus	318	13.5	0.41	1125	2.744	49	96%
8	Cyclops	318	13.5	0.41	1202	2.932	64	103%
9	Neo CL	318	13.5	0.41	1157	2.822	81	99%
10	Maximus	318	13.5	0.41	1163	2.837	100	99%
11	Minotaur	318	13.5	0.40	1187	2.968	121	104%
12	Laperouse	318	13.5	0.41	1263	3.080	144	108%
13	Maximus	318	13.5	0.40	1147	2.868	169	100%

Average of Yield (t/ha)	
Variety!	Total
Combat	2.612
Zena CL	2.657
Maximus	2.803
Neo CL	2.822
Cyclops	2.932
Minotaur	2.968
Commodus	3.000
Titan AX	3.076
Laperouse	3.080
Average	2.858



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10	Maximus	318	13.5	0.41	1163	2.837	100	99%
13	Maximus	318	13.5	0.4	1147	2.868	169	100%



**PLATINUM SPONSORS**

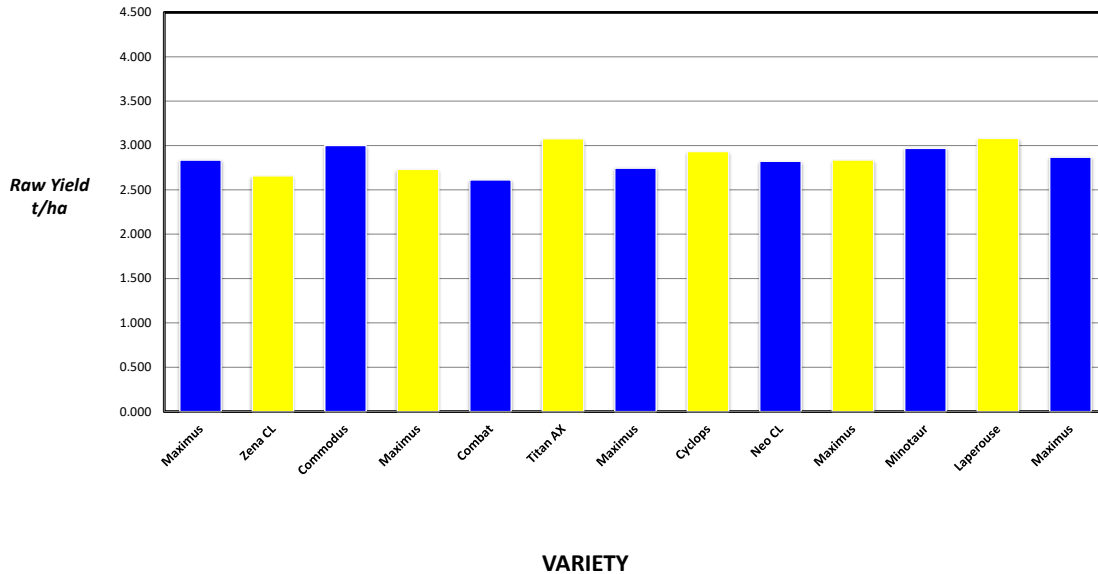


**DIAMOND SPONSORS**



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## 2023 SEPWA BARLEY Variety Trial CN & GP Brooks, Lake King



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	Maximus	2.835	99%
2	Zena CL	2.657	93%
3	Commodus	3.000	105%
4	Maximus	2.731	96%
5	Combat	2.612	91%
6	Titan AX	3.076	108%
7	Maximus	2.744	96%
8	Cyclops	2.932	103%
9	Neo CL	2.822	99%
10	Maximus	2.837	99%
11	Minotaur	2.968	104%
12	Laperouse	3.080	108%
13	Maximus	2.868	100%



### Site Details

<b>Soil Description:</b>	Sandy Loam
<b>Date Sown:</b>	Tuesday, 30 May 2023
<b>Date Harvested</b>	Saturday, 4 November 2023
<b>Seeding Rate:</b>	70 kg/ha
<b>Nitrogen Application:</b>	Seeding 65 kg DAP (11.7N), TD 80 kg Urea (36.8N)
<b>2022 Faba Bean</b>	Total N = 48.5 units

### Statistical Analysis

<b>Site Mean (t/ha)</b>	2.858
<b>Probability</b>	0.028
<b>Least significant difference 5%</b>	0.1862
<b>CV %</b>	2.1

### Plot Dimensions

Length (m)	Width (m)	Area (m2)	Conversion Factor
318	13.5	0.4293	2.33

### PLATINUM SPONSORS

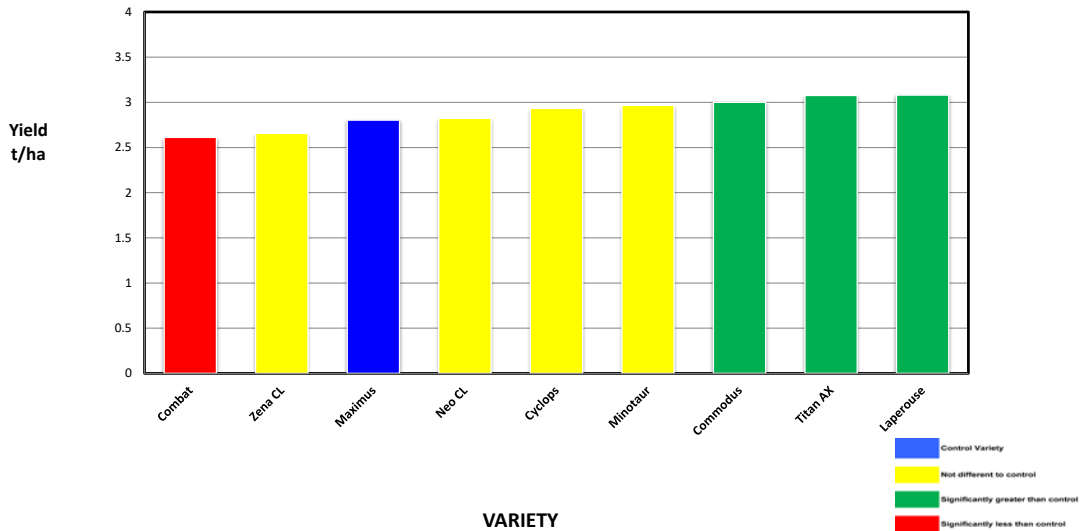


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## 2023 SEPWA BARLEY Variety Trial CN & GP Brooks, Lake King



Variety	Maturity	Yield (t/ha)	% of Maximus	Protein %	Colour	Hect kg/hl	Screenings %	Grade
Combat	Mid-season	2.612	93%	11.2	65	59	6.8	BFED1
Zena CL	Mid-season	2.657	95%	12.8	64	61	19.1	BFED1
Maximus	Early Season	2.803	100%	12.0	65	64	8.4	Malt2
Neo CL	Mid-Spring maturity	2.822	101%	12.0	65	62	9.7	BFED1
Cyclops	Early - Mid season	2.932	105%	11.3	66	59	11.9	BFED1
Minotaur	Mid-season	2.968	106%	12.2	65	63	10.6	Malt2
Commodus	Mid-season	3.000	107%	11.7	65	59	7.5	BFED1
Titan AX	Mid-season	3.076	110%	11.9	64	59	8.4	BFED1
Laperouse	Mid-season	3.080	110%	10.6	64	66	8.9	Malt1

Site Mean (t/ha) 2.858  
 Probability 0.028  
 Least significant difference 5% 0.1862  
 CV % 2.1



### Site Details

Soil Description: Sandy Loam  
 Date Sown: Tuesday, 30 May 2023  
 Date Harvested: Saturday, 4 November 2023  
 Seeding Rate: 70 kg/ha  
 Nitrogen Application: Seeding 65 kg DAP (11.7N), TD 80 kg Urea (36.8N)  
 2022 Faba Bean Total N = 48.5 units

### Plot Dimenstions

Length (m) 318  
 Width (m) 13.5  
 Plot Area (ha) 0.429  
 Conversion Factor 2.33

RAINFALL 2023 (mm)	January	3.2	241.0	Cumulative Growing Season Rainfall
	February	1.4		
	March	45.6		
	April	50.8		
	May	5.4		
	June	71.0		
	July	17.2		
	August	59.4		
	September	32.6		
	October	4.6		
	Total			

Station: DPIRD Lake King(LK)

### Rainfall Data

Growing Season (mm) 241  
 Site Yield (t/ha) 2.858  
 kg/mm - Rainfall 11.86



### PLATINUM SPONSORS



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