

HARVEST DATA - SEPWA Barley Variety Trial - GL & AM Harris, Grass Patch Harvested - 3rd November 2023

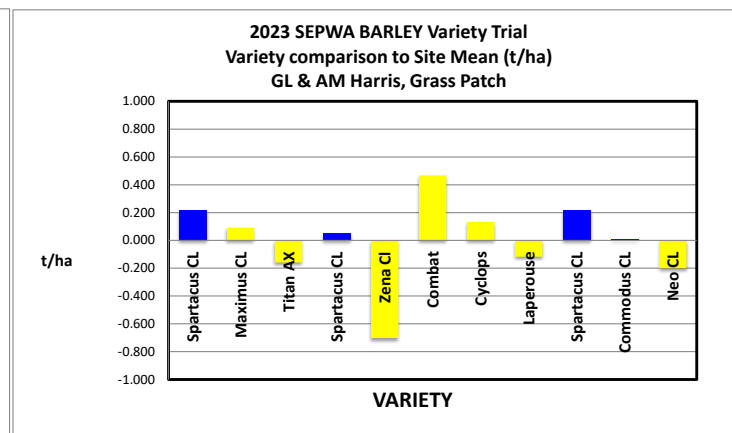
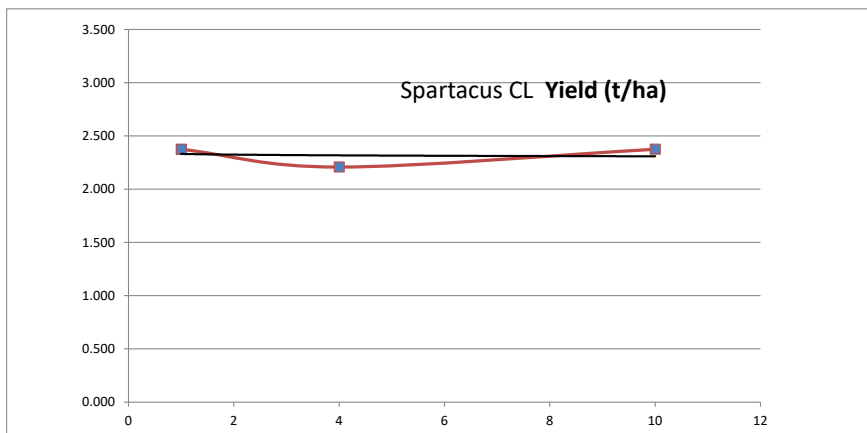


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Spartacus CL	200	12	0.24	570	2.375	1	110%
2	Maximus CL	200	12	0.24	540	2.250	4	104%
3	Titan AX	200	12	0.24	480	2.000	9	93%
4	Spartacus CL	200	12	0.24	530	2.208	16	102%
5	Zena Cl	200	12	0.24	350	1.458	25	68%
6	Combat	200	12	0.24	630	2.625	36	122%
8	Cyclops	200	12	0.24	550	2.291	64	106%
9	Laperouse	200	12	0.24	490	2.041	81	95%
10	Spartacus CL	200	12	0.24	570	2.375	100	110%
11	Commodus CL	200	12	0.24	520	2.166	121	100%
12	Neo CL	200	12	0.24	470	1.958	144	91%

Seeded dry - germination slightly affected

Average of Yield (t/ha)	
Variety!	Total
Zena Cl	1.458
NEO IGB22102T	1.958
Titan AX	2.000
Laperouse	2.041
Commodus	2.166
Maximus	2.250
Cyclops	2.291
Spartacus	2.319
Combat	2.625
Average	2.159

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Spartacus CL	200	12	0.24	570	2.375	1	110%
4	Spartacus CL	200	12	0.24	530	2.208	16	102%
10	Spartacus CL	200	12	0.24	570	2.375	100	110%



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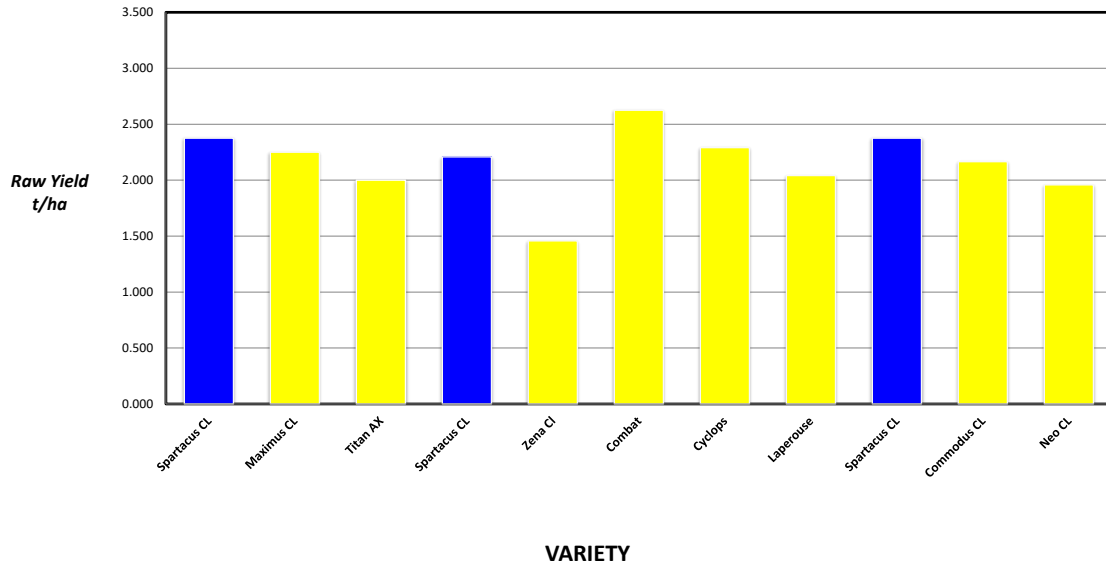


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2023 SEPWA BARLEY Variety Trial GL & AM Harris, Grass Patch



Plot	Variety	Yield (t/ha)	% of Site Mean
1	Spartacus CL	2.375	110%
2	Maximus CL	2.250	104%
3	Titan AX	2.000	93%
4	Spartacus CL	2.208	102%
5	Zena CI	1.458	68%
6	Combat	2.625	122%
8	Cyclops	2.291	106%
9	Laperouse	2.041	95%
10	Spartacus CL	2.375	110%
11	Commodus CL	2.166	100%
12	Neo CL	1.958	91%

Seeded dry - germination slightly affected



Site Details

Soil Description: Loam
Date Sown: Wednesday, 3 May 2023
Date Harvested: Monday, 30 October 2023
Seeding Rate: 50 kg/ha
Nitrogen Application: Pro-boost 50L (N11.0), MAP 80 kgs (N8.96), Urea x 2 @ 50 kg(42N) Total N: 61.96N
2022 Wheat

Statistical Analysis

Site Mean (t/ha) 2.159
Probability 0.079
Least significant difference 5% 0.479
CV % 4.5

Plot Dimensions

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



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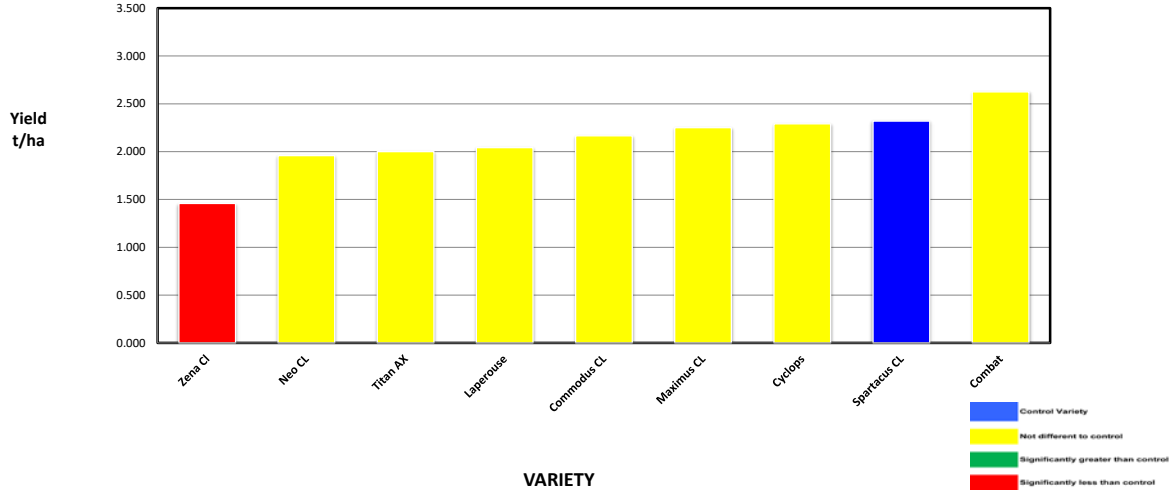


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2023 SEPWA BARLEY Variety Trial GL & AM Harris, Grass Patch



Variety	Maturity	Yield (t/ha)	% of Spartacus CL	Protein %	Colour	Hect kg/ha	Screenings %	Grade
Zena CL	Mid-season	1.458	63%	12.8	63	67	4.6	Malt2
Neo CL	Mid-Spring maturity	1.958	84%	10.1	63	66	2.7	Malt1
Titan AX	Mid-season	2.000	86%	10.5	65	66	1.2	Malt1
Laperouse	Mid-season	2.041	88%	10.5	65	66	2.0	Malt1
Commodus CL	Mid-season	2.166	93%	10.4	64	66	2.7	Malt1
Maximus CL	Early Season	2.250	97%	10.9	64	66	1.6	Malt1
Cyclops	Early - Mid season	2.291	99%	10.8	65	64	4.0	Malt1
Spartacus CL	Early Season	2.319	100%	10.6	65	65	2.4	Malt1
Combat	Mid-season	2.625	113%	9.9	65	58	4.3	BFED1

Seeded dry - germination slightly affected

Site Mean (t/ha)	2.159
Probability	0.079
Least significant difference 5%	0.479
CV %	4.5



Site Details

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Seeding Rate:	50 kg/ha
Nitrogen Application:	Pro-boost 50L (N11.0), MAP 80 kgs (N8.96), Urea x 2 @ 50 kg(42N) Total N: 61.96 units

2022 Wheat

Plot Dimensions

Length (m)	200
Width (m)	12
Plot Area (ha)	0.240
Conversion Factor	4.17

Rainfall Data

Growing Season (mm)	168.4
Site Yield (t/ha)	2.159
kg/mm - Rainfall	12.82

RAINFALL 2023 (mm)	January	9.6	168.4	Cumulative Growing Season Rainfall
	February	9.8		
	March	15.0		
	April	21.4		
	May	3.2		
	June	68.2		
	July	18.4		
	August	34.8		
	September	14.4		
	October	8.0		
	Total	202.8		

Station: DPIRD Grass Patch(GP001)



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