

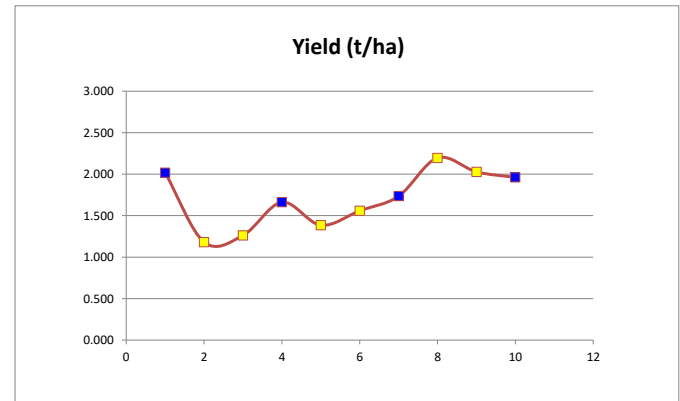
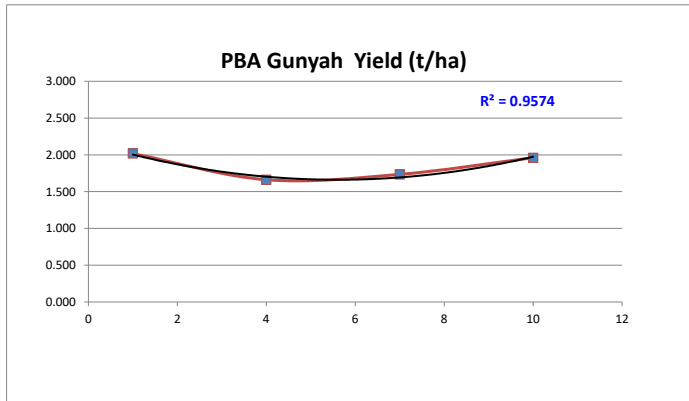


HARVEST DATA - SEPWA/PASE Field Pea Variety Trial - Sanderson Bros, Grass Patch Harvested 11th November 2021

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	PBA Gunyah	170	12	0.204	412	2.018	1	119%
2	Kastar	170	12	0.204	241	1.181	4	70%
3	OPZ 1408	170	12	0.204	257	1.261	9	74%
4	PBA Gunyah	170	12	0.204	339	1.662	16	98%
5	PBA Wharton	170	12	0.204	282	1.385	25	82%
6	OPZ 1901	100	12	0.12	187	1.558	36	92%
7	PBA Gunyah	170	12	0.204	354	1.735	49	102%
8	OPZ 1903	170	12	0.204	448	2.196	64	129%
9	PBA Butler	170	12	0.204	414	2.028	81	119%
10	PBA Gunyah	170	12	0.204	400	1.961	100	115%

Average of Yield (t/ha)	
Variety!	Total
Kastar	1.181
OPZ 1408	1.261
PBA Wharton	1.385
OPZ 1901	1.558
PBA Gunyah	1.844
PBA Butler	2.028
OPZ 1903	2.196
Grand Total	1.698

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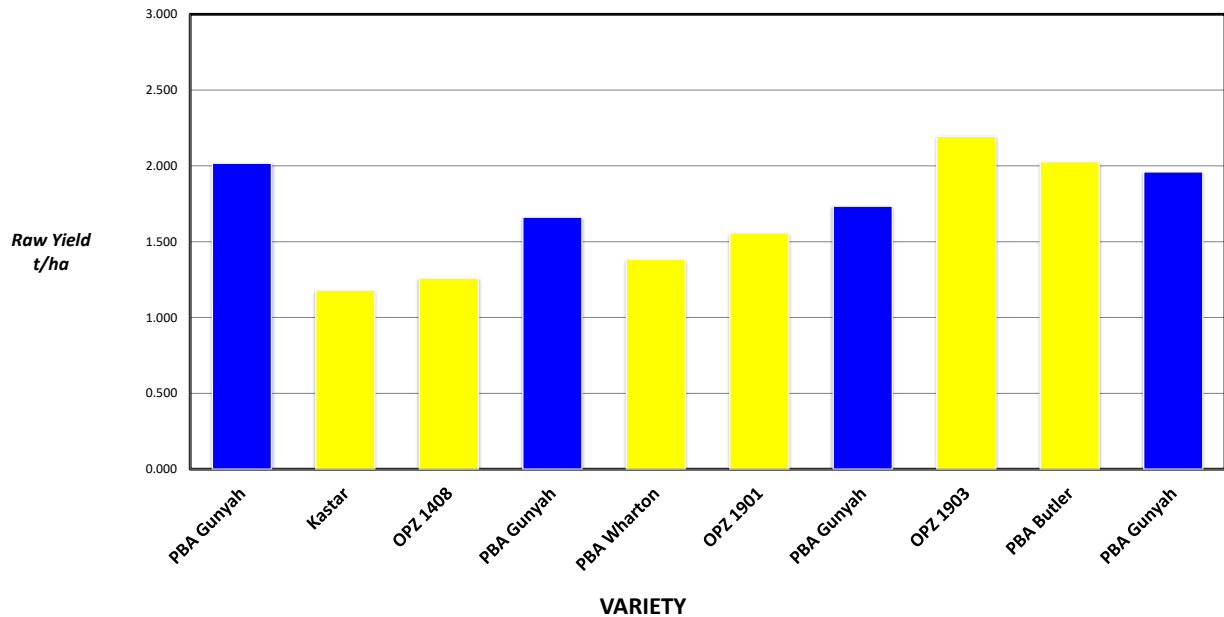


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2021 SEPWA/PASE Field Pea Variety Trial Sanderson Bros - Grass Patch



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	PBA Gonyah	2.018	119%
2	Kastar	1.181	70%
3	OPZ 1408	1.261	74%
4	PBA Gonyah	1.662	98%
5	PBA Wharton	1.385	82%
6	OPZ 1901	1.558	92%
7	PBA Gonyah	1.735	102%
8	OPZ 1903	2.196	129%
9	PBA Butler	2.028	119%
10	PBA Gonyah	1.961	115%



Site Details

Soil Description: Duplex
 Date Sown: Tuesday, 25 May 2021
 Date Harvested: Thursday, 11 November 2021
 Seeding Rate: 110 kg/ha

Plot Dimensions

Length (m)	Width (m)	Area (m ²)	Conversion Factor
170	12	0.20	4.90

Statistical Analysis

Site Mean (t/ha)	1.698
Probability	0.09
Least significant difference 5%	0.6128
CV %	10.1

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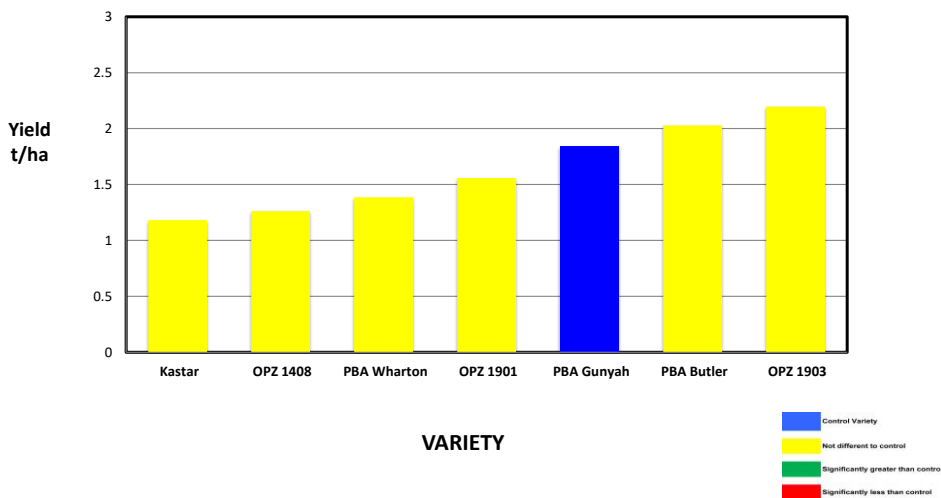
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2021 SEPWA/PASE Field Pea Variety Trial Sanderson Bros - Grass Patch



Variety	Yield (t/ha)	% of PBA Gonyah	Moisture %	Protein %	Defective Pulse (g)	Defective Pulse %	Poor Colour Pulse
Kastar	1.181	58%	11.40	22.1	7.28	3.6%	3.12%
OPZ 1408	1.261	62%	11.00	22.2	5.83	2.9%	2.05%
PBA Wharton	1.385	68%	11.30	19.5	10.02	5.0%	4.50%
OPZ 1901	1.558	77%	11.30	20.3	5.61	2.8%	2.53%
PBA Gonyah	1.844	91%	11.20	18.8	5.50	2.8%	1.93%
PBA Butler	2.028	100%	11.50	18.6	3.15	1.6%	0.55%
OPZ 1903	2.196	108%	11.30	18.6	4.29	2.1%	1.79%

4.3 POOR COLOURED AND DEFECTIVE FIELD PEAS					
Poor Colour Pulses (maximum %)	1.0%	1.0%	1.0%	1.0%	15.0%
Poor Colour Pulses (maximum g)	2g	2g	2g	2g	30g
Seed coats with visible markings, dark brown to black in colour. Includes green kernels inside the seed coat					
Defective Pulses (maximum %)	3.0%	3.0%	7.0%	7.0%	15.0%
Defective Pulses (maximum g)	6g	6g	14g	14g	30g
All Poor Colour Peas, seeds that are broken, damaged, split, sappy, green, immature, shrivelled, distorted, insect damaged and sprouted					

Site Mean (t/ha) 1.698
Probability 0.09
Least significant difference 5% 0.6128
CV % 10.1

Site Details

Soil Description: Duplex
Date Sown: Tuesday, 25 May 2021
Date Harvested Thursday, 11 November 2021
Seeding Rate: 110 kg/ha

Plot Dimensions

Length (m) 170
Width (m) 12
Plot Area (ha) 0.20
Conversion Factor 4.90

Rainfall Data

Growing Season (mm) 244
Site Yield (t/ha) 1.698
kg/mm - Rainfall 6.96

RAINFALL 2021 (mm)	January	11	
	February	37.4	
	March	27.2	
	April	23.4	23.4
	May	41.4	64.8
	June	60.8	125.6
	July	42.6	168.2
	August	18.4	186.6
	September	25.2	211.8
	October	32.2	244
	November	2	
	Total	321.6	

Cumulative Growing Season Rainfall

Station: DPIRD Grass Patch (GP001)



PLATINUM SPONSORS



DIAMOND SPONSORS



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