

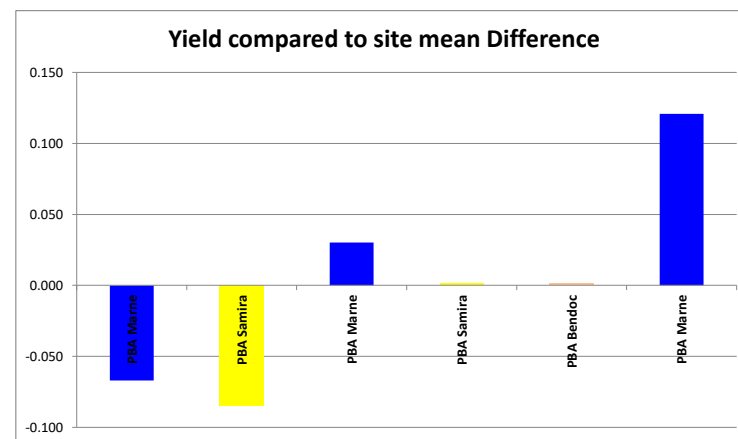
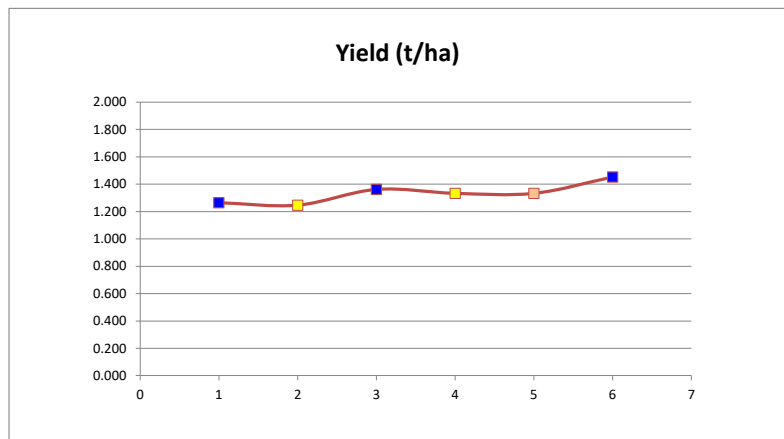


HARVEST DATA - SEPWA/PASE Faba Bean Variety Trial - Mark Wandel, Scaddan Harvested 15th November 2019

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	PBA Marne	260	18	0.468	592	1.265	1	95%
2	PBA Samira	270	18	0.486	606	1.247	4	94%
3	PBA Marne	270	18	0.486	662	1.362	9	102%
4	PBA Samira	270	18	0.486	648	1.333	16	100%
5	PBA Bendoc	260	18	0.468	624	1.333	25	100%
6	PBA Marne	270	18	0.486	706	1.453	36	109%

Average of Yield (t/ha)	
Variety!	Total
PBA Samira	1.290
PBA Bendoc	1.333
PBA Marne	1.360
Grand Total	1.332

Rowspacing 75 cm and crop had some frost damage



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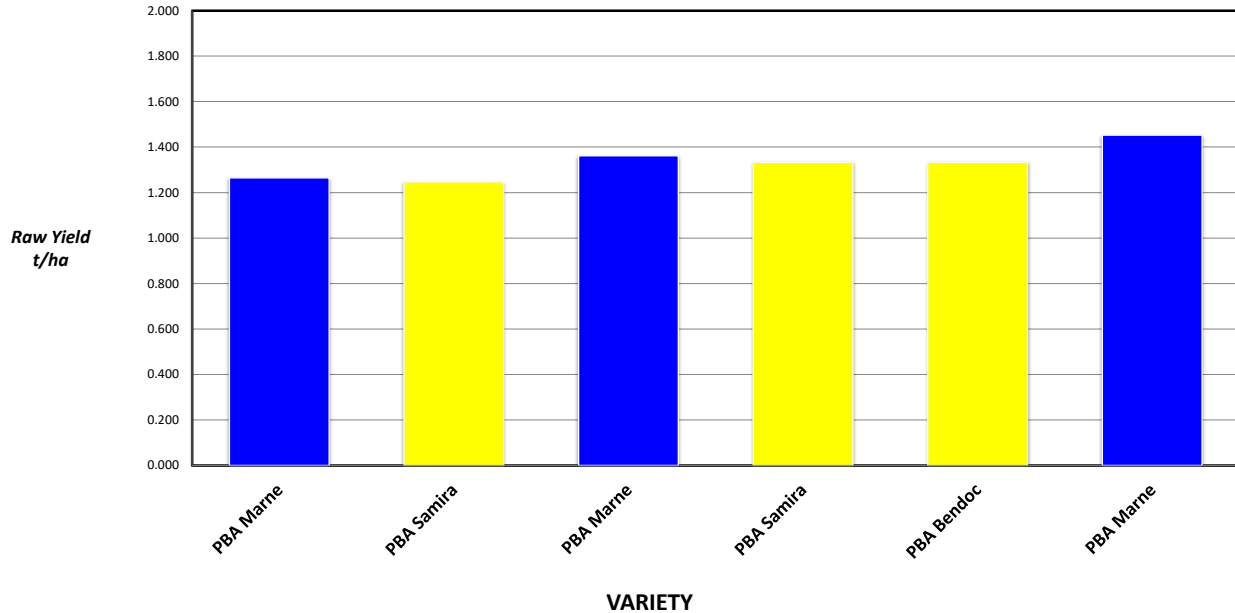
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2019 SEPWA - PASE Faba Bean Variety Trial Mark Wandel, Scaddan



Rowspacing 75 cm and crop had some frost damage

Plot	Variety	Yield (t/ha)	% of Site Mean
1	PBA Marne	1.265	95%
2	PBA Samira	1.247	94%
3	PBA Marne	1.362	102%
4	PBA Samira	1.333	100%
5	PBA Bendoc	1.333	100%
6	PBA Marne	1.453	109%

Statistical Analysis

Site Mean (t/ha)	1.332
Probability	0.696
Least significant difference 5%	0.310
CV %	6.3

Site Details

Soil Description:	Clay Loam
Date Sown:	Tuesday, 23 April 2019
Date Harvested	Friday, 15 November 2019
Seeding Rate:	120 kg/ha

Plot Dimensions

Length (m)	Width (m)	Area (m ²)	Conversion Factor
270	18	0.486	2.06



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HARVEST DATA - SEPWA/PASE Faba Bean Variety Trial - Mark Wandel, Scaddan

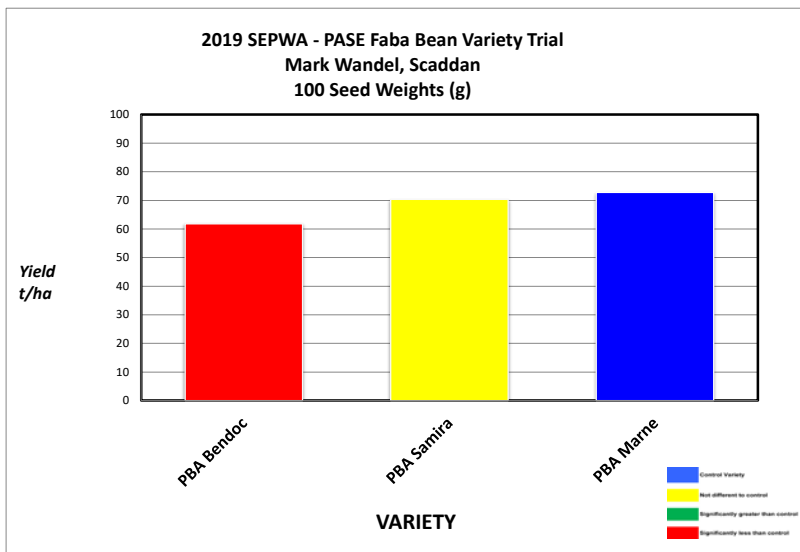
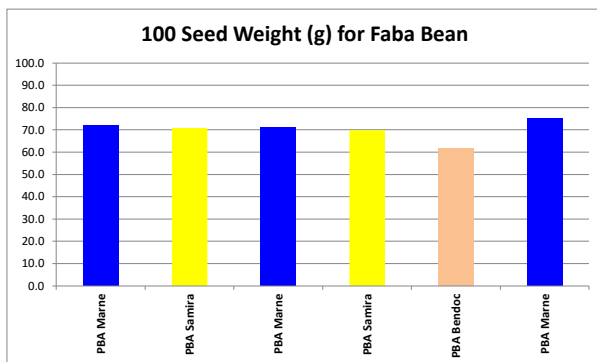
Harvested 15th November 2019

500 Seed Weights

Plot	Variety!	Number of Seeds	Total Seed Wt (Grams)	Grams per 100 Seeds	Seed Weight (mg)	Plot 2	% of Site Mean
1	PBA Marne	500	360.09	72.0	720	1	103%
2	PBA Samira	500	354.51	70.9	709	4	101%
3	PBA Marne	500	354.96	71.0	710	9	101%
4	PBA Samira	500	348.92	69.8	698	16	100%
5	PBA Bendoc	500	309	61.8	618	25	88%
6	PBA Marne	500	376.52	75.3	753	36	107%

100 seed weight (g)	Total
PBA Bendoc	61.8
PBA Samira	70.3
PBA Marne	72.8
Grand Total	70.1

Seed counts were on full grain - no frosted or cracked grain included.



Statistical Analysis

Site Mean (t/ha)	70.13
Probability	0.035
Least significant difference 5%	6.964
CV %	2.7



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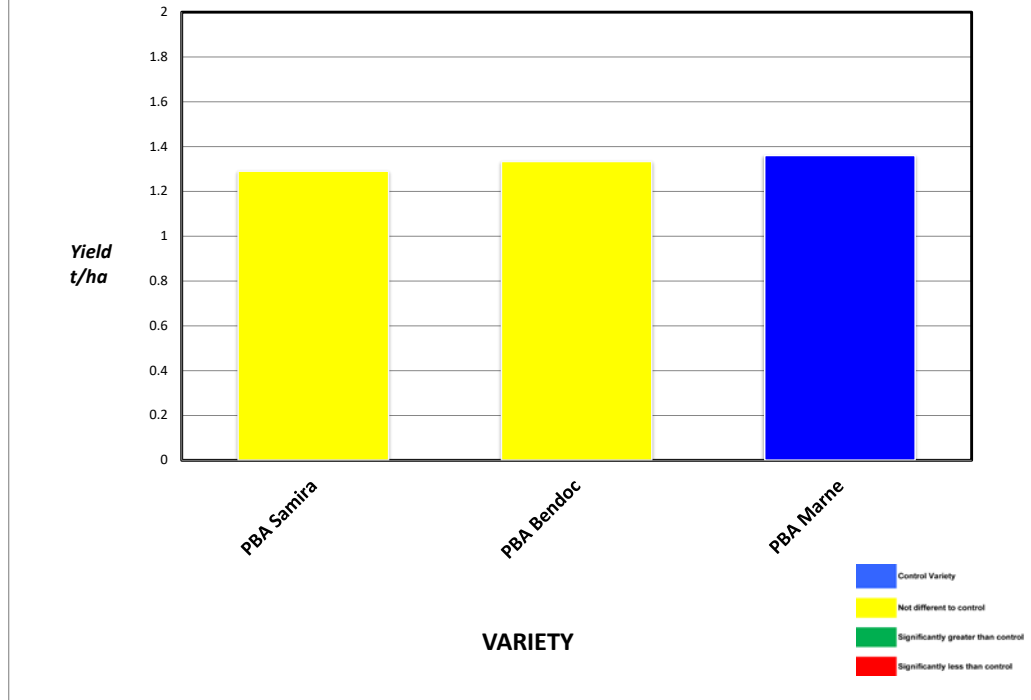
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2019 SEPWA - PASE Faba Bean Variety Trial Mark Wandel, Scaddan



Variety	Yield (t/ha)	% of Marne	Moisture %	Protein	Defective Seeds (g)	Defective Pulse
PBA Samira	1.290	95%	10.3	25.8	2.89	1.4%
PBA Bendoc	1.333	98%	10.3	27.1	3.41	1.7%
PBA Marne	1.360	100%	10.45	26.8	4.81	2.4%

Rowspacing 75 cm and crop had some frost damage

Defective Pulse

Kernels that are black, broken, chipped, diseased, frost damaged, insect damaged, orange tip, sappy, shrivelled, split, sprouted, weather damaged and wrinkled. Includes broken and unbroken pods that contain Red Lentils, loose seed coat, 3% blondes (Aldinga only) and all Red Lentil seed material falling through the slotted screen.

Site Mean (t/ha)	1.332
Probability	0.696
Least significant difference 5%	0.3101
CV %	6.3

Site Details

Soil Description:	Clay Loam
Date Sown:	Tuesday, 23 April 2019
Date Harvested	Friday, 15 November 2019
Seeding Rate:	120 kg/ha

Plot Dimensions

Length (m)	260
Width (m)	18
Plot Area (ha)	0.47
Conversion Factor	2.14

Rainfall Data

Growing Season (mm)	205.4
Site Yield (t/ha)	1.332
kg/mm - Rainfall	6.48

RAINFALL 2019 (mm)	January	5	
	February	1.4	
	March	10.6	
	April	26.4	26.4
	May	24.2	50.6
	June	55	105.6
	July	11.2	116.8
	August	51	167.8
	September	16.8	184.6
	October	20.8	205.4
	November	4.8	
	Total	227.2	

Cumulative Growing Season Rainfall

Station: DPIRD Weather Station Scaddan



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