

HARVEST DATA - SEPWA Oat Variety Trial - B Tuckett, Ravensthorpe Harvested 21st October 2019

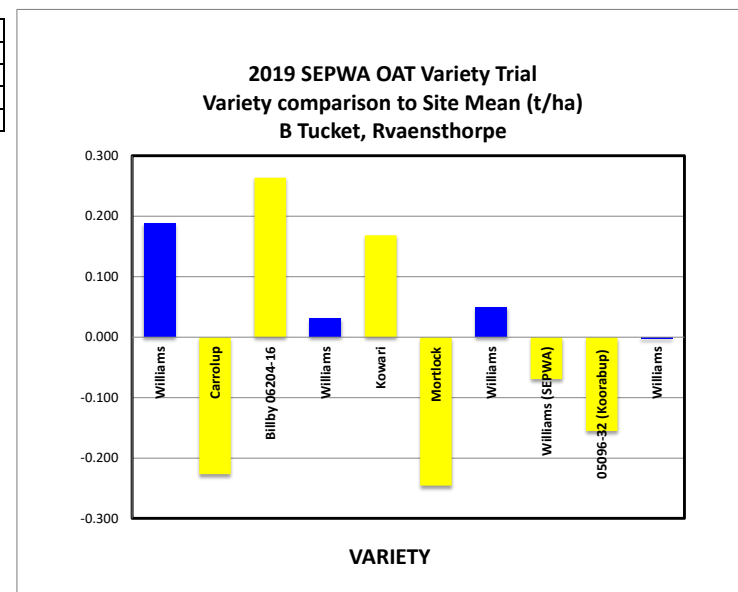
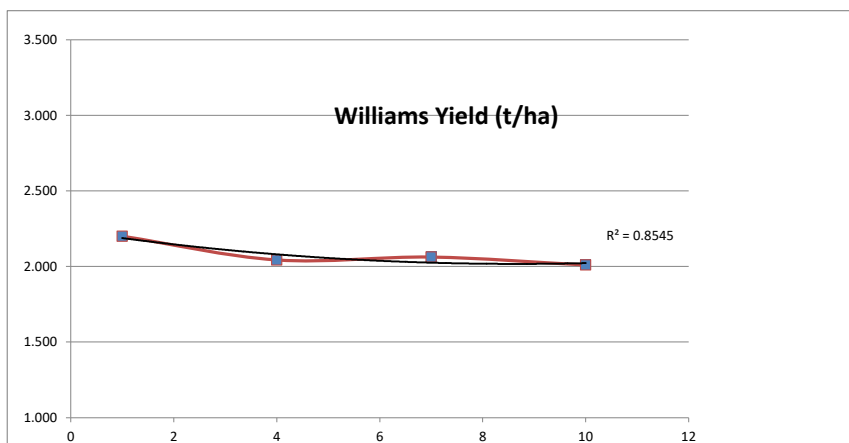


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Williams	173.5	12.1	0.21	462	2.201	1	109%
2	Carrolup	173.5	12.1	0.21	375	1.786	4	89%
3	Billy 06204-16	173.5	12.1	0.21	478	2.277	9	113%
4	Williams	173.5	12.1	0.21	429	2.043	16	102%
5	Kowari	173.5	12.1	0.21	458	2.182	25	108%
6	Mortlock	173.5	12.1	0.21	371	1.767	36	88%
7	Williams	173.5	12.1	0.21	433	2.063	49	102%
8	Williams (SEPWA)	173.5	12.1	0.21	408	1.943	64	97%
9	05096-32 (Koorabup)	173.5	12.1	0.21	390	1.858	81	92%
10	Williams	173.5	12.1	0.21	422	2.010	100	100%

Average of Yield (t/ha)	Total
Variety!	
Mortlock	1.767
Carrolup	1.786
05096-32 (Koorabup)	1.858
Williams (SEPWA)	1.943
Williams	2.079
Kowari	2.182
Billy 06204-16	2.277
Average of Yield (t/ha)	2.013



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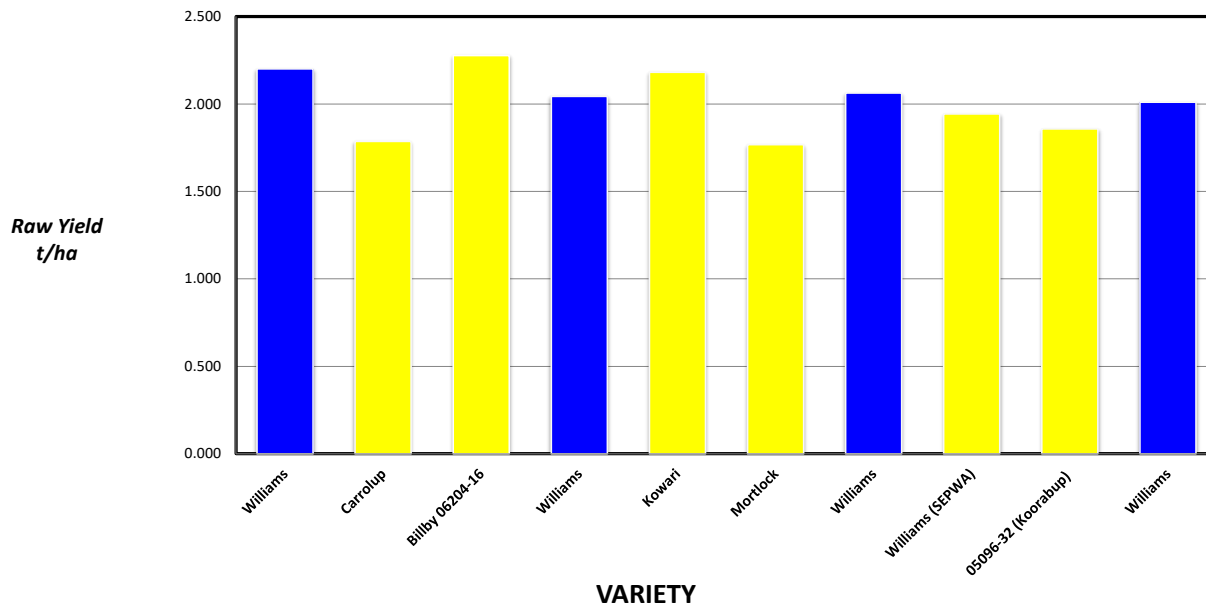


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2019 SEPWA Oat Variety Trial B Tuckett, Ravensthorpe



Farmer comment " Patchy and poor germination in some of the trial affected final yields"

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10	Williams	2.010	100%



Site Details

Soil Description: Duplex
Date Sown: Thursday, 25 April 2019
Date Harvested: Monday, 21 October 2019
Seeding Rate: 100 kg/ha

Statistical Analysis

Site Mean (t/ha) 2.013
Probability 0.069
Least significant difference 5% 0.2768
CV % 2.7

Plot Dimensions

Length (m) 173.5 **Width (m)** 12.1 **Area (m2)** 0.21 **Conversion Factor** 4.76



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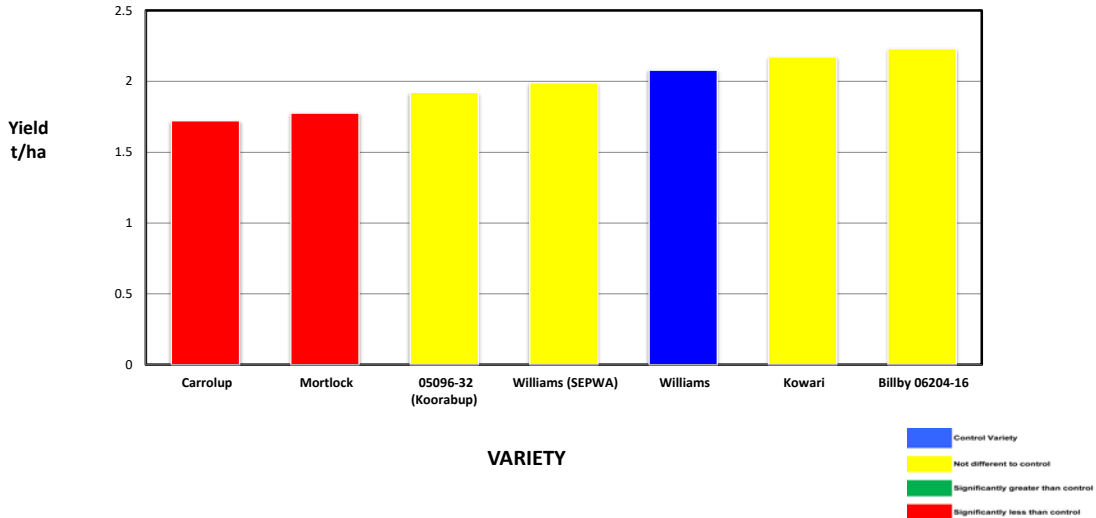


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Farmer comment " Patchy and poor germination in some of the trial affected final yields

Variety	Maturity	Purpose	Yield (t/ha)	% of Williams	Protein %	Hect kg/hl	Screenings %	Grade
Carrolup	Early-mid maturity	Dual Purpose	1.722	83%	11.6	44.7	8.7	FED
Mortlock	Mid-season	Fed Variety	1.776	85%	11.4	43.3	3.6	FED
05096-32 (Koorabup)	Mid-season	Hay Variety	1.922	92%	11.7	44.3	7.7	FED
Williams (SEPWA)	Early-mid maturity	Milling variety	1.990	96%	11.6	43.6	8.3	FED
Williams	Early-mid maturity	Milling variety	2.079	100%	11.8	44.0	7.6	FED
Kowari	Mid-season	Milling variety	2.172	104%	10.7	44.7	6.5	FED
Billy 06204-16	Early-mid maturity	Milling variety	2.231	107%	12.2	45.7	7.2	FED

		Min kg/hl	Screenings	Small Foreign Seeds (% by weight).	Ergot – Ryegrass (length in cm).
Site Mean (t/ha)	2.013	OAT 1	51	less than 10%	2
Probability	0.069	OAT 2	49	less than 10%	2
Least significant difference 5%	0.2768				
CV %	2.7				

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Plot Area (ha) 0.21
Conversion Factor 4.76

Rainfall Data

Growing Season (mm) 158
Site Yield (t/ha) 2.013
kg/mm - Rainfall 12.74

RAINFALL 2018 (mm)	January	0.6	Cumulative Growing Season Rainfall
	February	0.4	
March	11.6		
April	20	20	
May	10.8	30.8	
June	30	60.8	
July	25.6	86.4	
August	45.2	131.6	
September	10.8	142.4	
October	15.6	158	
November	2.6		
Total	173.2		

Station: DPIRD Mt Madden EAST



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