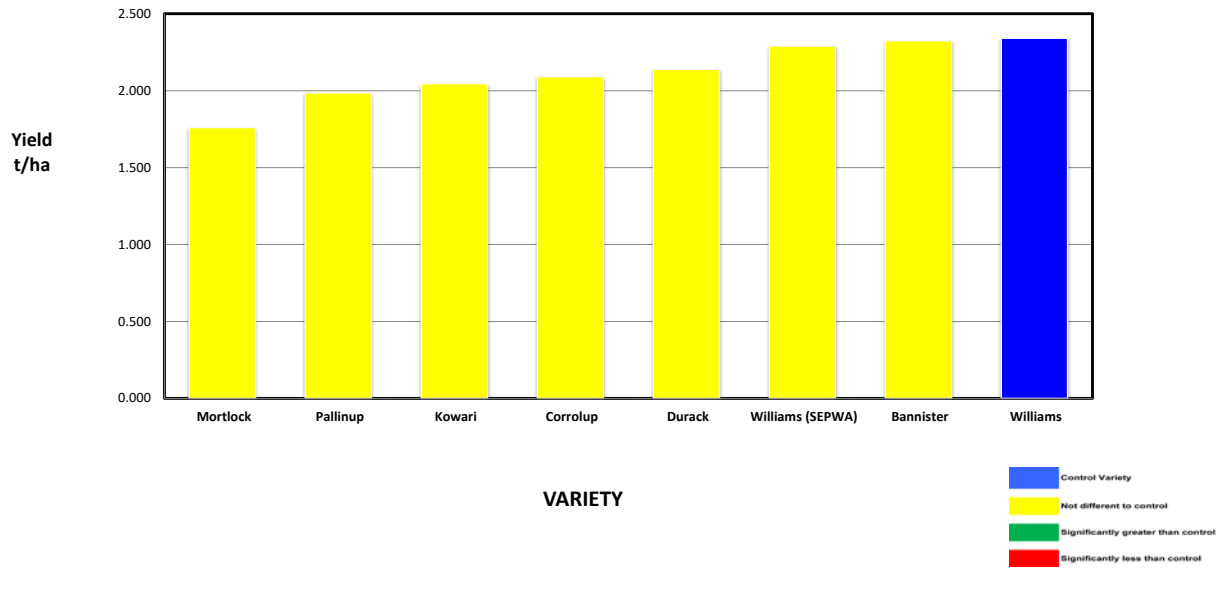


## 2018 SEPWA Oat Variety Trial Scott Welke, Cascade



Variety	Maturity	Purpose	Yield (t/ha)	% of Williams	Protein %	Hect kg/ha	Screenings %	Other	Grade
Mortlock	Mid-season	Fed Variety	1.760	77%	11.6	50	3	SFS 0.75%	FED
Pallinup	Mid-season	Fed Variety	1.986	87%	11.5	51	2	SFS 1.19%	FED
Kowari	Mid-season	Milling variety	2.046	89%	12.0	51	3	SFS 1.26%, 1.0 cm ergot	OAT 2
Corrolup	Early-mid maturity	Dual Purpose	2.092	91%	11.1	52	2	SFS 0.35%	OAT 1
Durack	Early Maturity	Milling variety	2.139	93%	10.7	50	4	SFS 0.47%, 0.3 cm ergot	OAT 2
Williams (SEPWA)	Early-mid maturity	Milling variety	2.291	100%	10.2	50	5	SFS 0.75%, 0.1 cm ergot	OAT 2
Bannister	Mid-season	Milling variety	2.325	101%	10.1	51	6	SFS 1.87%, 0.5 cm ergot	OAT 2
Williams	Early-mid maturity	Milling variety	2.341	102%	11.1	50	3	SFS 0.73%	OAT 2

	Site Mean (t/ha)	2.195	Min kg/ha	Screenings	Small Foreign Seeds (% by weight)	Ergot - Ryegrass (length in cm)
Probability	0.188		OAT 1	51	less than 10%	2
Least significant difference 5%	0.5845		OAT 2	49	less than 10%	2
CV %	6.8					5.0

### Site Details

Soil Description: Duplex  
 Date Sown: Friday, 8 June 2018  
 Date Harvested: Tuesday, 20 November 2018  
 Seeding Rate: 80 kg/ha

### Plot Dimensions

Length (m) 165  
 Width (m) 18.3  
 Plot Area (ha) 0.30  
 Conversion Factor 3.32

### Rainfall Data

Growing Season (mm) 162.6  
 Site Yield (t/ha) 2.195  
 kg/mm - Rainfall 13.50

Month	RAINFALL 2018 (mm)	Cumulative Growing Season Rainfall
January	6.6	
February	94.4	
March	8	
April	0	0
May	7	7
June	14.4	21.4
July	20.8	42.2
August	79.8	122
September	11.6	133.6
October	29	162.6
November	17	
Total	288.6	

Station: DAFWA Cascade



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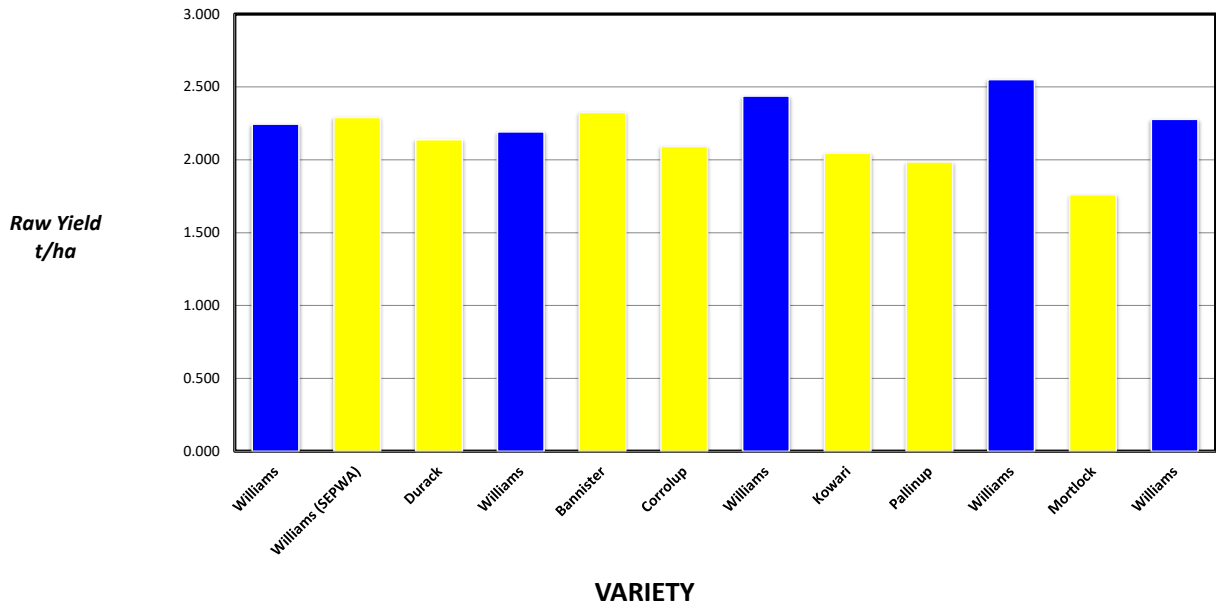


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## 2018 SEPWA Oat Variety Trial Scott Welke, Cascade



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	Williams	2.245	102%
2	Williams (SEPWA)	2.291	104%
3	Durack	2.139	97%
4	Williams	2.192	100%
5	Bannister	2.325	106%
6	Corrolup	2.092	95%
7	Williams	2.438	111%
8	Kowari	2.046	93%
9	Pallinup	1.986	90%
10	Williams	2.550	116%
11	Mortlock	1.760	80%
12	Williams	2.278	104%



**Soil Description:** Duplex  
**Date Sown:** Friday, 8 June 2018  
**Date Harvested:** Tuesday, 20 November 2018  
**Seeding Rate:** 80 kg/ha

### Site Details

**Statistical Analysis**  
**Site Mean (t/ha)** 2.195  
**Probability** 0.188  
**Least significant difference 5%** 0.5845  
**CV %** 6.8

### Plot Dimensions

Length (m) 165      Width (m) 18.25      Area (m2) 0.30      Conversion Factor 3.32



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### DIAMOND SPONSORS



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## HARVEST DATA - SEPWA Oat Variety Trial - S. Welke, Cascade Harvested 20th November 2018

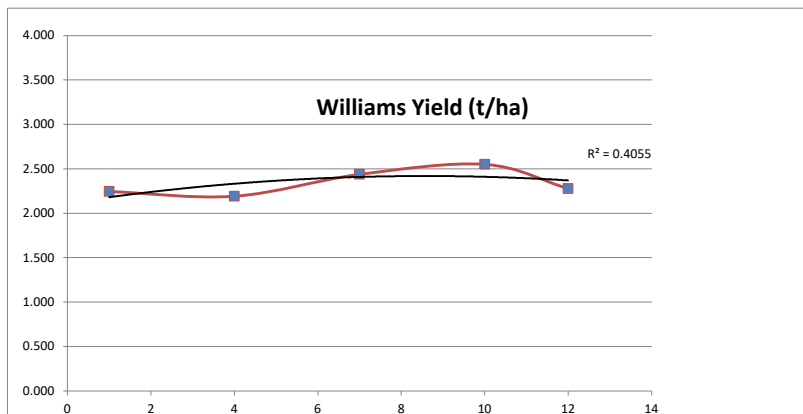
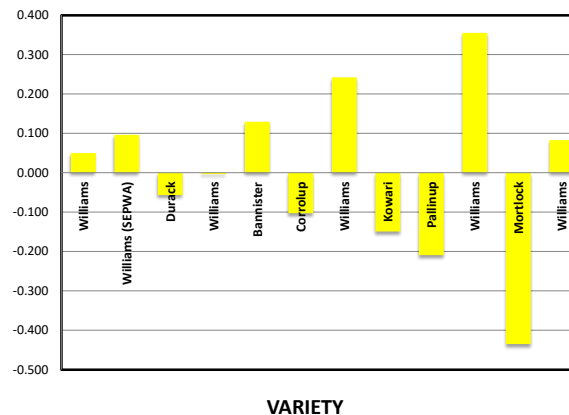


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Williams	165	18.25	0.30	676	2.245	1	102%
2	Williams (SEPWA)	165	18.25	0.30	690	2.291	4	104%
3	Durack	165	18.25	0.30	644	2.139	9	97%
4	Williams	165	18.25	0.30	660	2.192	16	100%
5	Bannister	165	18.25	0.30	700	2.325	25	106%
6	Corrolup	165	18.25	0.30	630	2.092	36	95%
7	Williams	165	18.25	0.30	734	2.438	49	111%
8	Kowari	165	18.25	0.30	616	2.046	64	93%
9	Pallinup	165	18.25	0.30	598	1.986	81	90%
10	Williams	165	18.25	0.30	768	2.550	100	116%
11	Mortlock	165	18.25	0.30	530	1.760	121	80%
12	Williams	165	18.25	0.30	686	2.278	144	104%

Average of Yield (t/ha)	Total
Mortlock	1.760
Pallinup	1.986
Kowari	2.046
Corrolup	2.092
Durack	2.139
Williams (SEPWA)	2.291
Bannister	2.325
Williams	2.341
Average of Yield (t/ha)	2.195

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Williams	165	18.25	0.30	676	2.245	1	102%
4	Williams	165	18.25	0.30	660	2.192	16	100%
7	Williams	165	18.25	0.30	734	2.438	49	111%
10	Williams	165	18.25	0.30	768	2.550	100	116%
12	Williams	165	18.25	0.30	686	2.278	144	104%

**2018 SEPWA OAT Variety Trial**  
Variety comparison to Site Mean (t/ha)  
S. Welke, Cascade



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