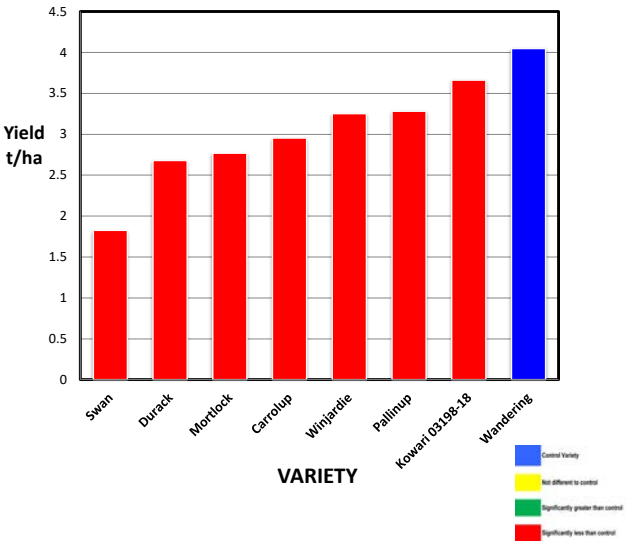
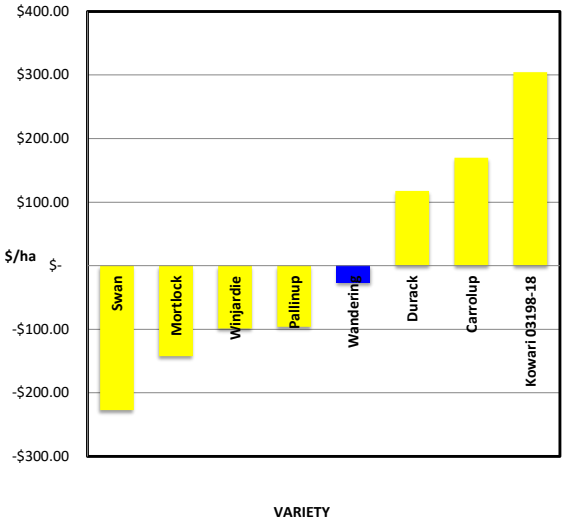
2017 SEPWA Oat Variety Trial
O Grahame, Ravensthorpe



2017 SEPWA Oat Variety Trial
Farmanco Income Ranking – Variety vs Site Average
O Grahame, Ravensthorpe



Variety	Maturity	Purpose	Yield (t/ha)	% of Williams	Protein %	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
Swan	Mid-season	Fed Variety	1.825	45%	9.0	49.3	1.1	FED	$ 164.25
Durack	Early Maturity	Milling variety	2.679	66%	10.8	53.0	0.8	OAT 1	$ 509.01
Mortlock	Mid-season	Fed Variety	2.769	68%	10.9	54.0	0.5	FED	$ 249.21
Carrolup	Early-mid maturity	Dual Purpose	2.953	73%	10.5	59.8	0.6	OAT 1	$ 561.07
Winjardie	Late maturing	Fed Variety	3.252	80%	7.9	52.4	1.2	FED	$ 292.68
Pallinup	Mid-season	Fed Variety	3.282	81%	10.5	54.1	0.8	FED	$ 295.38
Kowari 03198-18	Mid-season	Milling variety	3.662	90%	10.6	52.8	0.4	OAT 1	$ 695.78
Wandering	Mid-season	Fed Variety	4.048	100%	9.4	54.1	0.8	FED	$ 364.32

Site Mean (t/ha)	3.439
Probability	<.001
Least significant difference 5%	0.3833
CV %	4.0

OAT 1 ***Min kg/hl*** ***51*** ***Screenings*** ***less than 10%***
OAT 2 ***Min kg/hl*** ***49*** ***Screenings*** ***less than 10%***
Farmanco Ranking - OAT 1 and OAT 2 delivered to Kwinana

Site Details

Soil Description:	Heavy Duplex
Date Sown:	Sunday, 24 April 2016
Date Harvested	Monday, 31 October 2016
Seeding Rate:	50 kg/ha

Plot Dimenstions

Length (m)	195
Width (m)	12.0
Plot Area (ha)	0.23
Conversion Factor	4.27

Rainfall Data

Growing Season (mm)	209.8
Site Yield (t/ha)	3.439
kg/mm - Rainfall	**16.39**

RAINFALL 2017 (mm)				
	January	**21**		
	February	**252.8**		
	March	**18**		
	April	**11.6**	**11.6**	Cumulative Growing Season Rainfall
	May	**22.6**	**34.2**	
	June	**17**	**51.2**	
	July	**46.2**	**97.4**	
	August	**56.2**	**153.6**	
	September	**26.4**	**180**	
	October	**29.8**	**209.8**	
	November	13.4		
	December	3.8		
	Total	**518.8**		

Station: DAFWA Ravensthorpe

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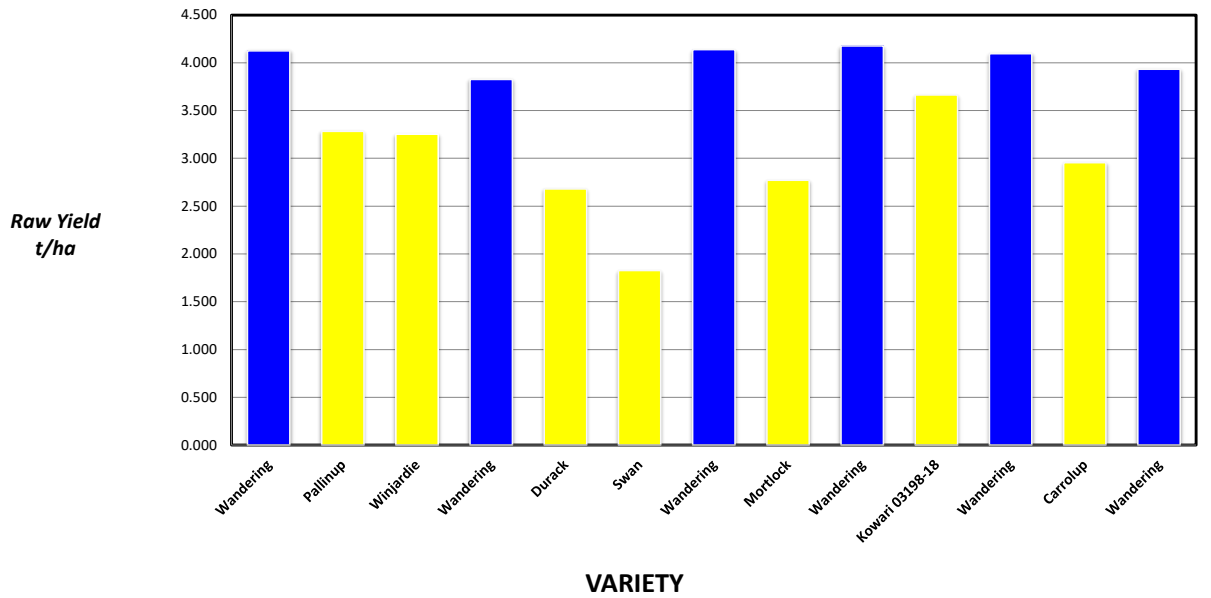
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2017 SEPWA Oat Variety Trial
Owen Grahame, Ravensthorpe



Plot	Variety!	Yield (t/ha)	% of Site Mean	Commenst re Farmer at Harvest
1	Wandering	4.124	120%	
2	Pallinup	3.282	95%	
3	Winjardie	3.252	95%	*Lodging badly*
4	Wandering	3.825	111%	
5	Durack	2.679	78%	
6	Swan	1.825	53%	*Lodging badly*
7	Wandering	4.137	120%	
8	Mortlock	2.769	81%	*Lodging badly*
9	Wandering	4.175	121%	
10	Kowari 03198-18	3.662	106%	*Too short (MitikaType) and lodging*
11	Wandering	4.094	119%	
12	Carrolup	2.953	86%	
13	Wandering	3.932	114%	

Site Details

Soil Description:	Gravel
Date Sown:	Thursday, 4 May 2017
Date Harvested	Tuesday, 7 November 2017
Seeding Rate:	70 kg/ha

Statistical Analysis

Site Mean (t/ha)	3.439
Probability	<.001
Least significant difference 5%	0.3833
CV %	4.0

Plot Dimensions

Length (m)	Width (m)	Area (m2)	Conversion Factor
195	12	0.23	4.27

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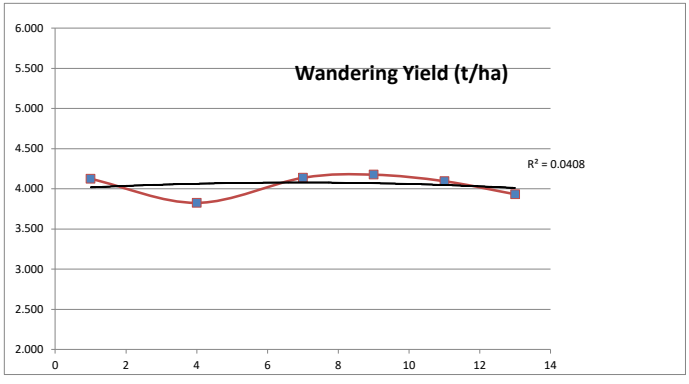
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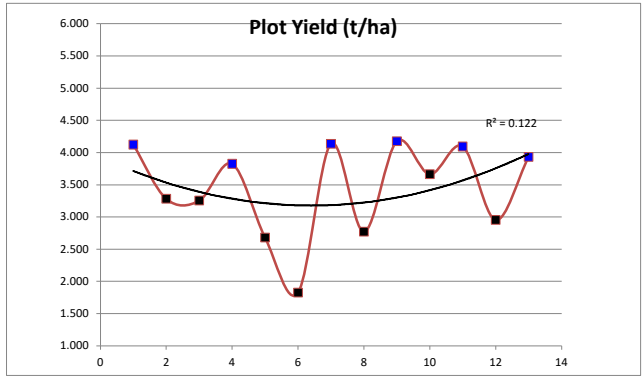
HARVEST DATA - SEPWA Oat Variety Trial - O Grahame, Ravensthorpe
Harvested 7th November, 2017

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean	Commenst re Farmer at Harvest
1	Wandering	195	12	0.234	**965**	**4.124**	1	**120%**	
2	Pallinup	195	12	0.234	**768**	**3.282**	4	**95%**	
3	Winjardie	195	12	0.234	**761**	**3.252**	9	**95%**	*Lodging badly*
4	Wandering	195	12	0.234	**895**	**3.825**	16	**111%**	
5	Durack	195	12	0.234	**627**	**2.679**	25	**78%**	
6	Swan	195	12	0.234	**427**	**1.825**	36	**53%**	*Lodging badly*
7	Wandering	195	12	0.234	**968**	**4.137**	49	**120%**	
8	Mortlock	195	12	0.234	**648**	**2.769**	64	**81%**	*Lodging badly*
9	Wandering	195	12	0.234	**977**	**4.175**	81	**121%**	
10	Kowari 03198-18	195	12	0.234	**857**	**3.662**	100	**106%**	*Too short (Mitika Type) and lodging*
11	Wandering	195	12	0.234	**958**	**4.094**	121	**119%**	
12	Carrolup	195	12	0.234	**691**	**2.953**	144	**86%**	
13	Wandering	195	12	0.234	**920**	**3.932**	169	**114%**	

Average of Yield (t/ha)	
Variety!	Total
Swan	1.82
Durack	2.68
Mortlock	2.77
Carrolup	2.95
Winjardie	3.25
Pallinup	3.28
03198-18	3.66
Wandering	4.05
Average of Yield (t/ha)	3.44

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Wandering	195	12	0.234	**965**	**4.124**	1	**120%**
4	Wandering	195	12	0.234	**895**	**3.825**	16	**111%**
7	Wandering	195	12	0.234	**968**	**4.137**	49	**120%**
9	Wandering	195	12	0.234	**977**	**4.175**	81	**121%**
11	Wandering	195	12	0.234	**958**	**4.094**	121	**119%**
13	Wandering	195	12	0.234	**920**	**3.932**	169	**114%**





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