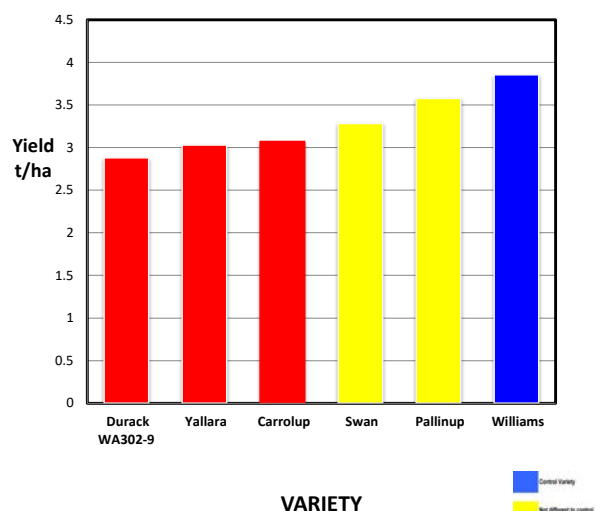
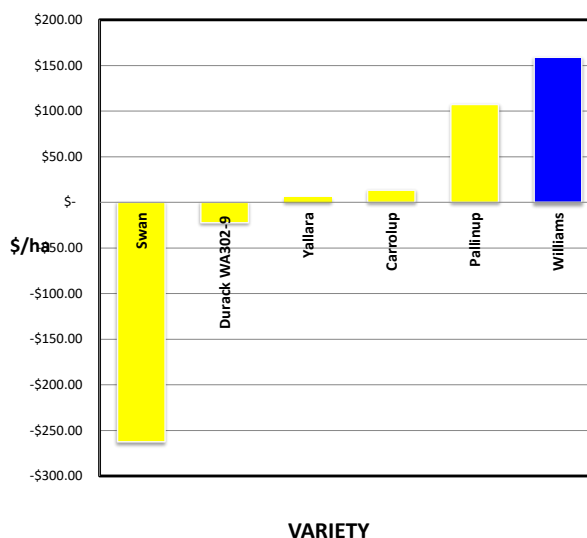


2016 SEPWA Oat Variety Trial A Chambers, Ravensthorpe



2016 SEPWA Oat Variety Trial Farmanco Income Ranking – Variety vs Site Average A Chambers, Ravensthorpe



Variety	Maturity	Purpose	Yield (t/ha)	% of Williams	Protein %	Hect kg/hl	Screenings %	Grade	Farmanco Economic Ranking
Durack WA302-9	Early Maturity	Milling variety	2.880	75%	9.2	51.2	7.9	OAT 1	\$ 535.68
Yallara	Early-mid maturity	Dual Purpose	3.030	79%	7.9	53.0	4.5	OAT 1	\$ 563.58
Carrolup	Early-mid maturity	Dual Purpose	3.072	80%	8.5	54.1	8.5	OAT 1	\$ 571.39
Swan	Mid-season	Fed Variety	3.283	85%	7.5	50.2	10.5	FED	\$ 295.47
Pallinup	Mid-season	Milling variety	3.577	93%	6.7	51.3	7.8	OAT 1	\$ 665.32
Williams	Early-mid maturity	Milling variety	3.855	100%	8.9	51.9	6.3	OAT 1	\$ 717.03

Site Mean (t/ha)	3.474	OAT 1	Min kg/hl	51	Screenings	less than 10%
Probability	0.045	OAT 2	Min kg/hl	49	Screenings	less than 10%
Least significant difference 5%	0.588					
CV %	4.8					

Site Details

Soil Description: Sandy Loam
 Date Sown: Monday, 25 April 2016
 Date Swathed: Saturday, 29 October 2016
 Date Harvested: Saturday, 12 November 2016
 Seeding Rate: 75 kg/ha

Plot Dimensions

Length (m) 220
 Width (m) 10.8
 Plot Area (ha) 0.24
 Conversion Factor 4.21

Rainfall Data

Growing Season (mm) 284
 Site Yield (t/ha) 3.474
 kg/mm - Rainfall 12.23

RAINFALL 2016 (mm)	January	February	March	April	May	June	July	August	September	October	November	Total
	71	13.8	144.4	28.2	46.6	62	34.4	77.8	24.4	10.6	8.8	522
				28.2	74.8	136.8	171.2	249	273.4	284		

Cumulative Growing Season Rainfall

Station: DAFWA Ravensthorpe/Mt Maddan



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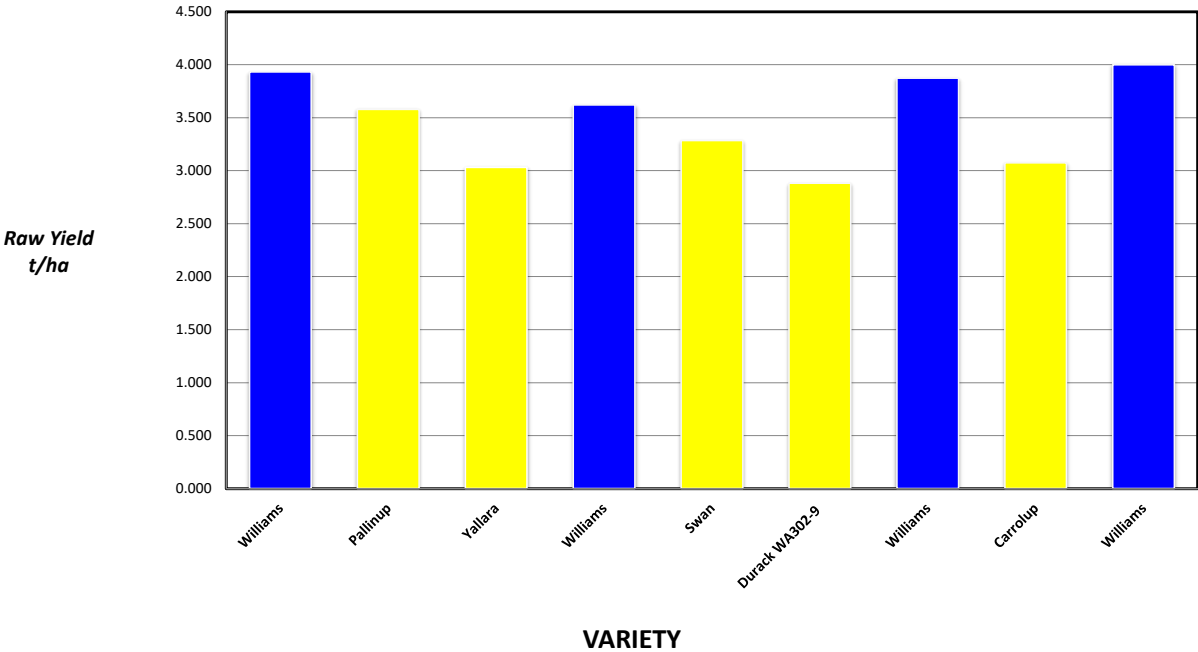


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2016 SEPWA Oat Variety Trial
A Chambers, Ravensthorpe



Plot	Variety!	Yield (t/ha)	% of Site Mean
1	Williams	3.931	113%
2	Pallinup	3.577	103%
3	Yallara	3.030	87%
4	Williams	3.620	104%
5	Swan	3.283	94%
6	Durack WA302-9	2.880	83%
7	Williams	3.872	111%
8	Carrolup	3.072	88%
9	Williams	3.998	115%

Plot 6 Durack suffered some herbicide damage (tax mix) - plot length adjusted



Soil Description:
Date Sown:
Date Swathed
Date Harvested
Seeding Rate:

Site Details
Sandy Loam
Monday, 25 April 2016
Saturday, 29 October 2016
Saturday, 12 November 2016
75 kg/ha

Statistical Analysis
Site Mean (t/ha) 3.474
Probability 0.045
Least significant difference 5% 0.5884
CV % 4.8
R-squared value for Williams 0.8364

Plot Dimensions

Length (m)	Width (m)	Area (m2)	Conversion Factor
220	10.8	0.24	4.21



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HARVEST DATA - SEPWA Oat Variety Trial - A Chambers, Ravensthorpe Harvested 12th November 2016

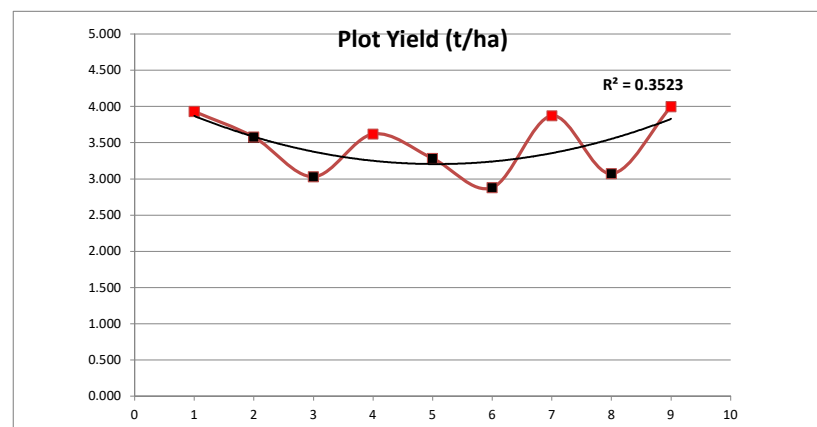
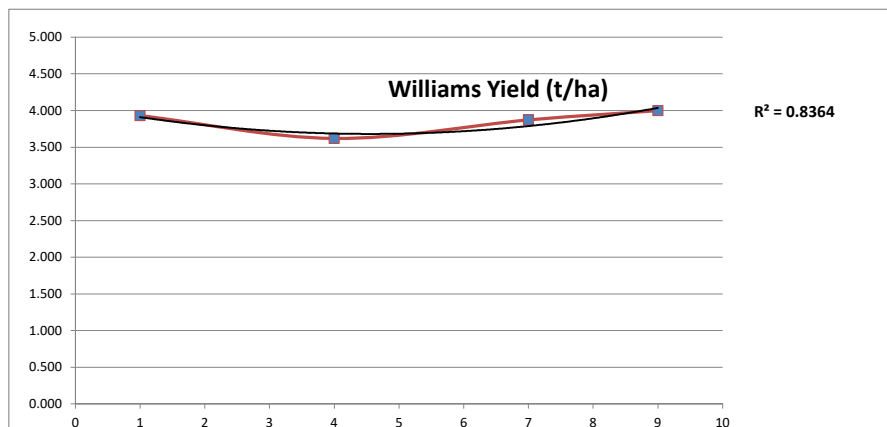


Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Williams	220	10.8	0.2376	934	3.931	1	113%
2	Pallinup	220	10.8	0.2376	850	3.577	4	103%
3	Yallara	220	10.8	0.2376	720	3.030	9	87%
4	Williams	220	10.8	0.2376	860	3.620	16	104%
5	Swan	220	10.8	0.2376	780	3.283	25	94%
6	Durack WA302-9	154	10.8	0.16632	479	2.880	36	83%
7	Williams	220	10.8	0.2376	920	3.872	49	111%
8	Carrolup	220	10.8	0.2376	730	3.072	64	88%
9	Williams	220	10.8	0.2376	950	3.998	81	115%

Average of Yield (t/ha)	
Variety!	Total
Durack WA302-9	2.880
Yallara	3.030
Carrolup	3.072
Swan	3.283
Pallinup	3.577
Williams	3.855
Grand Total	3.474

Plot 6 Durack suffered some herbicide damage (tax mix) - plot length adjusted
Plots swathed - 29th October, 2016

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Williams	220	10.8	0.2376	934	3.931	1	114%
4	Williams	220	10.8	0.2376	860	3.620	16	105%
7	Williams	220	10.8	0.2376	920	3.872	49	112%
9	Williams	220	10.8	0.2376	950	3.998	81	116%



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