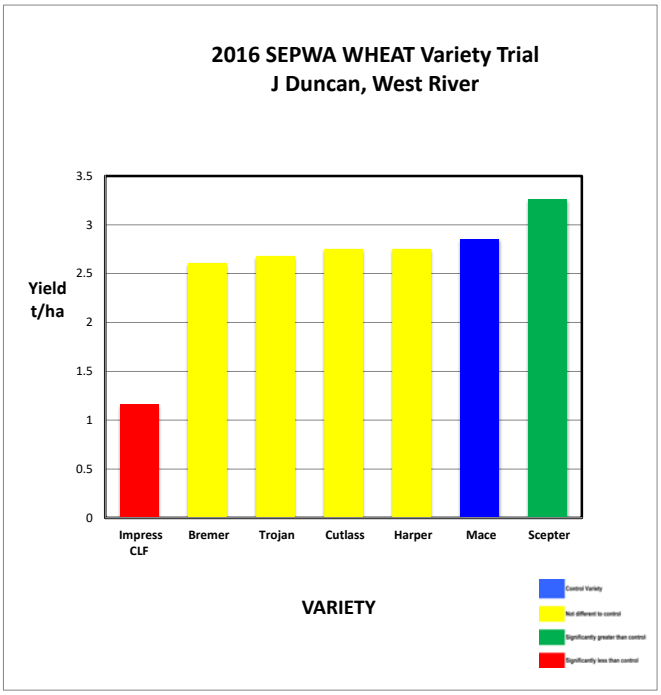

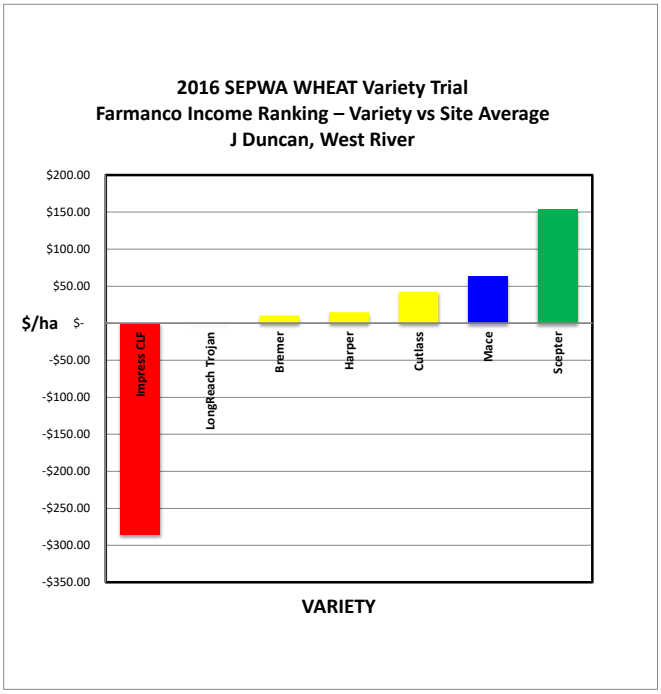

Variety	Maturity	Yield (t/ha)	% of Mace	Protein %	Gluten %	Starch %	Hect kg/hl	Screenings %	Falling Numbers	Grade	Farmanco Economic Ranking
Impress CLF	Mid- Early	1.159	41%	14.2	34.7	75.8	77.04	2.41	400	APW1	$ 278.16
Bremer	Mid	2.609	92%	9.1	16.5	83.1	77.89	3.49	315	ASW1	$ 573.98
LongReach Trojan	Mid	2.681	94%	9.1	16.4	84.1	82.77	5.16	367	AGP1	$ 563.01
Cutlass	Mid- late	2.754	97%	8.8	14.7	85	80.05	3.16	365	ASW1	$ 605.88
Harper	Mid- late	2.754	97%	8.9	15.4	84.4	80.97	5.46	362	AGP1	$ 578.34
Mace	**Mid**	**2.850**	**100%**	**9.6**	**18.25**	**81.8**	**80.54**	**3.35**	**375.5**	**ASW1**	**$ 627.00**
Scepter	Mid	3.261	114%	8.0	12.5	80.1	80.98	3.89	380	ASW1	$ 717.42

Mace plots had patially blocked head when sown - test strips harvested next to trial both to the north and south - weights adjusted

Site Mean (t/ha)	2.662
Probability	0.002
Least significant difference 5%	0.267
CV %	2.8

Site Details

Soil Description:	Gravelly Duplex
Date Sown:	Wednesday, 18 May 2016
Date Harvested	Wednesday, 7 December 2016
Seeding Rate:	70 kg/ha

Plot Dimenstions

Length (m)	230
Width (m)	12.0
Plot Area (ha)	0.28
Conversion Factor	3.62

Rainfall Data

Growing Season (mm)	300.2
Site Yield (t/ha)	2.662
kg/mm - Rainfall	**8.87**

RAINFALL 2016 (mm)				
	January	**119.4**		
	February	**11.4**		
	March	**134.6**		
	April	**33.2**	**33.2**	Cumulative Growing Season Rainfall
	May	**28.8**	**62**	
	June	**68.2**	**130.2**	
	July	**30.6**	**160.8**	
	August	**84.6**	**245.4**	
	September	**41.4**	**286.8**	
	October	**13.4**	**300.2**	
	November	**10**		
	Total	**575.6**		

Station: DAFWA West River

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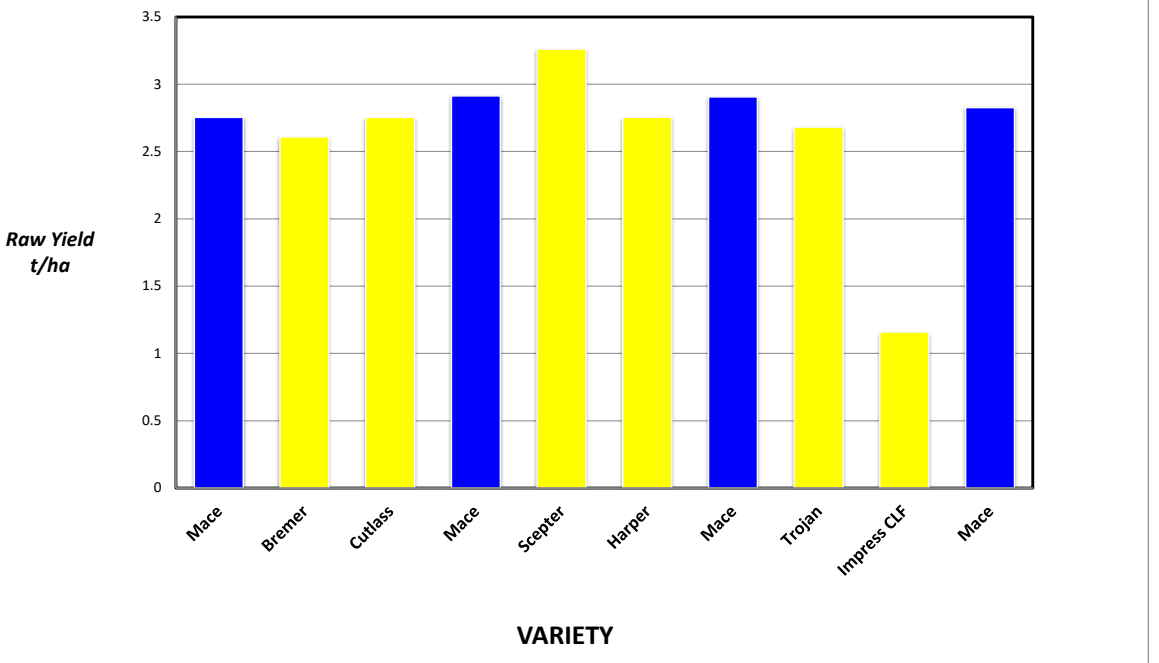
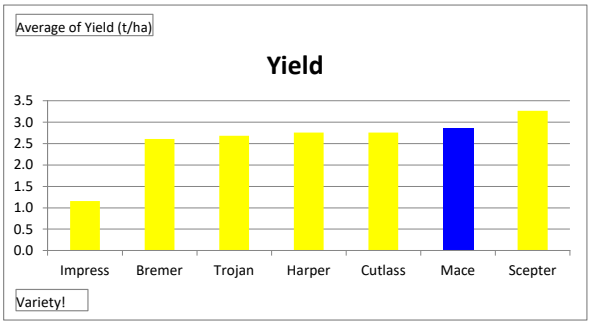
SOUTH EAST PREMIUM WHEAT GROWERS ASSOCIATION
SEPWA
SOUTH EAST PREMIUM WHEAT GROWERS ASSOCIATION

2016 SEPWA WHEAT Variety Trial
J Duncan, West River



Mace plots had patially blocked head when sown - test strips dopne next to trial both n and south - weights adjusted

Plot	Variety!	Yield (t/ha)	% of Site Mean
1	**Mace**	**2.75362**	**103%**
2	Bremer	2.6087	98%
3	Cutlass	2.75362	103%
4	**Mace**	**2.91304**	**109%**
5	Scepter	3.26087	122%
6	Harper	2.75362	103%
7	**Mace**	**2.9058**	**109%**
8	Trojan	2.68116	101%
9	Impress CLF	1.15942	44%
10	**Mace**	**2.82609**	**106%**



Site Details

Soil Description:	Gravelly Duplex
Date Sown:	Wednesday, 18 May 2016
Date Harvested	Wednesday, 7 December 2016
Seeding Rate:	70 kg/ha

Statistical Analysis

Site Mean (t/ha)	2.662
Probability	0.002
Least significant difference 5%	0.267
CV %	2.8
R -squared value for Mace	*0.9738*

Plot Dimensions

Length (m)	Width (m)	Area (m2)	Conversion Factor
230	12	0.276	3.62

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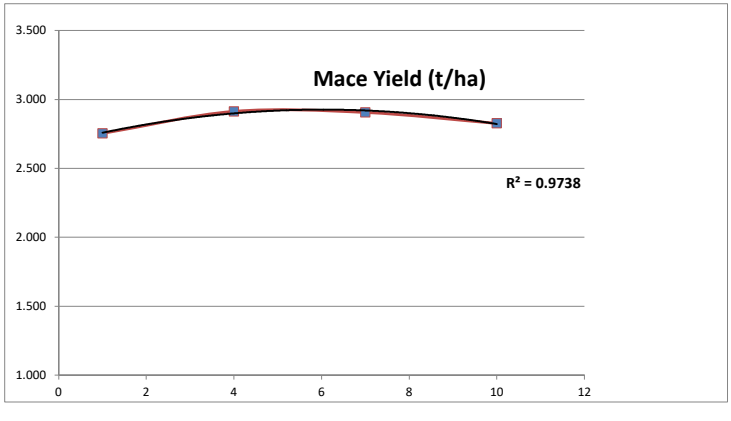
HARVEST DATA - SEPWA Wheat Variety Trial - J Duncan, West River
Harvested - 7th December 2016

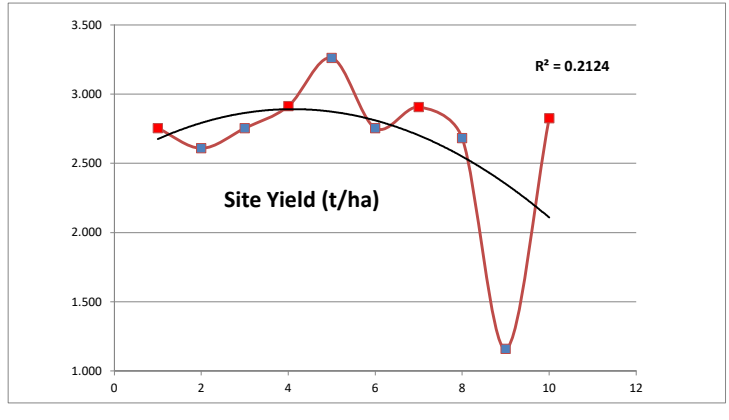
Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Mace	230	12	0.276	**760**	2.754	1	**103%**
2	Bremer	230	12	0.276	**720**	2.609	4	**98%**
3	Cutlass	230	12	0.276	**760**	2.754	9	**103%**
4	Mace	230	12	0.276	**804**	2.913	16	**109%**
5	Scepter	230	12	0.276	**900**	3.261	25	**122%**
6	Harper	230	12	0.276	**760**	2.754	36	**103%**
7	Mace	230	12	0.276	**802**	2.906	49	**109%**
8	Trojan	230	12	0.276	**740**	2.681	64	**101%**
9	Impress CLF	230	12	0.276	**320**	1.159	81	**44%**
10	Mace	230	12	0.276	**780**	2.826	100	**106%**

Mace plots had patially blocked head when sown - test strips harvested next to trial both to the north and south - weights adjusted

Average of Yield (t/ha)	
Variety!	Total
Impress	1.159
Bremer	2.609
Trojan	2.681
Harper	2.754
Cutlass	2.754
Mace	2.850
Scepter	3.261
Grand Total	2.662

Plot	Variety!	Plot Length	Plot Width	Area (ha)	Weight (kgs)	Yield (t/ha)	Plot 2	% of Site Mean
1	Mace	230	12	0.276	**760**	2.754	1	**103%**
4	Mace	230	12	0.276	**804**	2.913	16	**109%**
7	Mace	230	12	0.276	**802**	2.906	49	**109%**
10	Mace	230	12	0.276	**780**	2.826	100	**106%**





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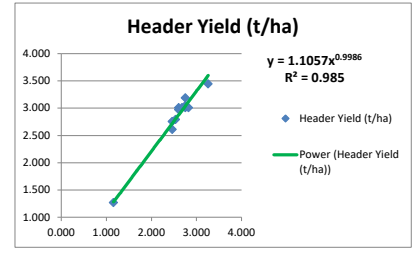
HARVEST DATA - SEPWA Wheat Variety Trial - J Duncan, West River
Harvested - 7th December 2016
Comparison between Chaser and Header *(Actuals)*

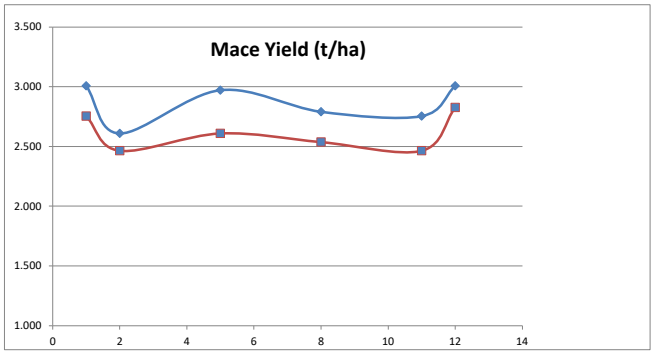
Plot	Variety!	Plot Length	Plot Width	Area (ha)	Chaser Weight (kgs)	Chaser Yield (t/ha)	% of Site Mean	Header Weight (kgs)	Header Yield (t/ha)	% of Site Mean
1	Mace	230	12	0.276	**760**	2.754	**107%**	830	3.007	**106%**
2	Mace	230	12	0.276	**680**	2.464	**96%**	720	2.609	**92%**
3	Bremer	230	12	0.276	**720**	2.609	**101%**	830	3.007	**106%**
4	Cutlass	230	12	0.276	**760**	2.754	**107%**	840	3.043	**108%**
5	Mace	230	12	0.276	**720**	2.609	**101%**	820	2.971	**105%**
6	Scepter	230	12	0.276	**900**	3.261	**127%**	950	3.442	**122%**
7	Harper	230	12	0.276	**760**	2.754	**107%**	880	3.188	**113%**
8	Mace	230	12	0.276	**700**	2.536	**99%**	770	2.790	**99%**
9	Trojan	230	12	0.276	**740**	2.681	**104%**	830	3.007	**106%**
10	Impress	230	12	0.276	**320**	1.159	**45%**	350	1.268	**45%**
11	Mace	230	12	0.276	**680**	2.464	**96%**	760	2.754	**97%**
12	Mace	230	12	0.276	**780**	2.826	**110%**	830	3.007	**106%**

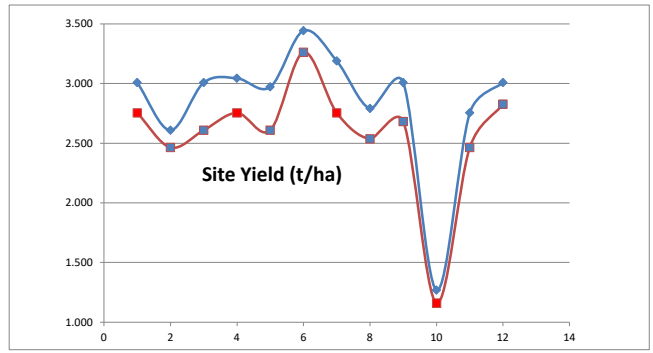
Mace plots had patially blocked head when sown - test strips harvested next to trial both to the north and south - weights adjusted

Variety!	Data	
	Chaser Yield (t/ha)	Header Yield (t/ha)
Mace	2.609	2.826
Harper	2.754	3.188
Trojan	2.681	3.007
Bremer	2.609	3.007
Scepter	3.261	3.442
Cutlass	2.754	3.043
Impress	1.159	1.268
Grand Total	2.572	2.826



Plot	Variety!	Plot Length	Plot Width	Area (ha)	Chaser Weight (kgs)	Chaser Yield (t/ha)	% of Site Mean	Header Weight (kgs)	Header Yield (t/ha)	% of Site Mean
1	Mace	230	12	0.276	**760**	2.754	**107%**	830	3.007	**106%**
2	Mace	230	12	0.276	**680**	2.464	**96%**	720	2.609	**92%**
5	Mace	230	12	0.276	**720**	2.609	**101%**	820	2.971	**105%**
8	Mace	230	12	0.276	**700**	2.536	**99%**	770	2.790	**99%**
11	Mace	230	12	0.276	**680**	2.464	**96%**	760	2.754	**97%**
12	Mace	230	12	0.276	**780**	2.826	**110%**	830	3.007	**106%**





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