

Below are the site means for SEPWA variety trials for the period 2011 - 2018 for wheat, barley and canola comparing rainfall received during the growing season – the growing season is determined as being rainfall received between and including the months of April though to October. Rainfall figures have been given by host growers (farm records) or rainfall records from the DAFWA or the Bureau of Meteorology weather station closest to the SEPWA site. This figure is based on average site yields and is expressed in kilograms per mm rainfall (kg/mm) for the period 2011 – 2018.

<b>Yields × Rainfall (April - October) for SEPWA Trials 2011-2018</b>									
<b>Location</b>	<b>Canola</b>			<b>Barley</b>			<b>Wheat</b>		
	<b>Yield (t/ha)</b>	<b>Rainfall (mm)</b>	<b>Yield (kg/mm)</b>	<b>Yield (t/ha)</b>	<b>Rainfall (mm)</b>	<b>Yield (kg/mm)</b>	<b>Yield (t/ha)</b>	<b>Rainfall (mm)</b>	<b>Yield (kg/mm)</b>
<b>High Rainfall - Sandplain</b>	<b>1.730</b>	<b>339</b>	<b>5.6</b>	<b>3.316</b>	<b>352</b>	<b>9.9</b>	<b>3.647</b>	<b>369</b>	<b>10.3</b>
2011	1.828	335	5.9	3.810	298	13.0	3.366	395	8.6
2012	1.888	234	8.4	2.466	286	8.5	3.131	317	10.2
2013	1.315	453	2.9	2.957	336	9.1	3.634	406	9.4
2014	2.140	356	6.1	2.282	404	5.8	3.268	372	9.0
2015	1.261	338	3.8	Not Sown			3.433	354	9.8
2016	Waterlogging			3.346	429	8.4	4.199	490	8.5
2017	2.361	343	7.0	4.469	275	16.1	4.042	278	14.5
2018	1.628	339	4.8	4.995	443	11.3	4.794	348	13.9
<b>Medium Rainfall - Mallee</b>	<b>1.732</b>	<b>313</b>	<b>5.9</b>	<b>3.656</b>	<b>310</b>	<b>12.6</b>	<b>3.353</b>	<b>307</b>	<b>11.4</b>
2011	1.536	279	5.3	3.000	329	9.4	2.985	318	9.4
2012	1.954	242	8.1	3.051	223	13.8	3.124	197	16.0
2013	1.806	348	5.5	3.411	382	9.9	3.521	323	11.7
2014	1.383	377	3.7	2.979	250	11.9	2.813	277	10.3
2015	1.748	330	5.4	4.673	223	21.0	3.490	357	9.7
2016	2.089	400	5.5	4.410	411	11.4	4.240	398	10.8
2017	1.671	287	5.8	4.194	301	13.9	4.291	285	15.0
2018	1.654	204	8.2	5.003	308	17.4	2.898	305	9.7
<b>Low Rainfall - Mallee</b>	<b>1.150</b>	<b>234</b>	<b>5.0</b>	<b>2.920</b>	<b>236</b>	<b>12.4</b>	<b>2.734</b>	<b>229</b>	<b>12.2</b>
2011	0.782	215	3.5	1.380	243	5.8	1.995	221	9.0
2012	0.848	158	5.3	2.065	169	11.9	1.829	151	12.0
2013	1.432	252	5.8	3.968	273	15.1	3.767	280	13.9
2014	1.064	271	3.9	2.398	257	9.3	2.534	254	10.2
2015	1.435	280	5.1	3.513	234	15.0	2.619	239	10.4
2016	1.548	266	5.9	3.580	261	13.8	2.934	257	11.7
2017	1.215	217	5.5	3.213	204	15.6	3.221	213	15.4
2018	0.853	226	4.2	1.860	189	9.6	2.851	199	15.7
<b>Grand Total</b>	<b>1.540</b>	<b>296</b>	<b>5.5</b>	<b>3.157</b>	<b>274</b>	<b>12.0</b>	<b>3.146</b>	<b>288</b>	<b>11.5</b>

## 2018 Wheat Variety Trials

For the period 2011 – 2018 SEPWA has included 60 wheat varieties with SEPWA Wheat variety trials throughout the Esperance Port Zone (EPZ). Each year SEPWA contacts various breeding and commercial companies for the latest and newest varieties on the verge of release to be included in these trials.

CBH undertake quality testing including protein, moisture, gluten, starch, hectolitre weight, falling numbers and screenings. These results determine the Farmanco Economic ranking based on the varietal classification e.g. Hard or APW and current pricing at time of harvest.

In 2018 Wheat variety trials, varieties included Devil<sup>IGW6177</sup>, Kinsei<sup>IGW 8048</sup>, Ninja and Chief CLF from Intergrain, Razor CLF, Scepter, Cutlass and Mace from Australian Grain Technologies (AGT), LPB14-1015, Longreach Trojan and LRPB Havoc from the LongReach breeding program. Older varieties include Yitpi.

Average yield, quality and Farmanco Ranking from SEPWA Wheat variety trials for 2011 – 2018 can be seen in the following table.

<b>Wheat Yields and Quality data for SEPWA Trials 2011-2018</b>						
<b>Year</b>	<b>Yield (t/ha)</b>	<b>Protein %</b>	<b>Hect Wt.</b>	<b>Falling Numbers</b>	<b>Farmanco Ranking</b>	<b>Yield (kg/mm)</b>
<b>High Rainfall - Sandplain</b>	<b>3.651</b>	<b>11.4</b>	<b>76</b>	<b>319</b>	<b>\$1,006</b>	<b>10.3</b>
2011	3.366	11.6	77	286	\$891	8.6
2012	3.131	11.7	76	335	\$1,007	10.2
2013	3.634	12.4	78	304	\$997	9.4
2014	3.268	12.2	76	319	\$913	9.0
2015	3.433	10.4	74	286	\$892	9.8
2016	4.199	10.3	81	374	\$978	8.5
2017	4.042	10.5	73	339	\$930	14.5
2018	4.798	10.5	75	362	\$1,547	13.8
<b>Medium Rainfall - Mallee</b>	<b>3.364</b>	<b>10.8</b>	<b>79</b>	<b>332</b>	<b>\$906</b>	<b>11.5</b>
2011	2.985	11.4	75	146	\$685	9.4
2012	3.124	10.9	78	364	\$978	16.0
2013	3.521	11.2	80	409	\$993	11.7
2014	2.813	12.6	80	333	\$790	10.3
2015	3.490	9.6	77	327	\$951	9.7
2016	4.317	9.5	81	391	\$979	11.0
2017	4.339	9.8	79	369	\$1,064	15.1
2018	2.898	9.1	79	353	\$942	9.7
<b>Low Rainfall - Mallee</b>	<b>2.727</b>	<b>10.9</b>	<b>79</b>	<b>348</b>	<b>\$743</b>	<b>12.3</b>
2011	1.995	12.6	75	261	\$525	9.0
2012	1.829	11.9	77	342	\$590	12.0
2013	3.767	10.1	82	407	\$1,047	13.9
2014	2.534	12.2	78	308	\$692	10.2
2015	2.619	10.3	75	337	\$705	10.9
2016	2.934	9.4	82	396	\$655	11.7
2017	3.201	9.9	80	379	\$771	15.4
2018	2.851	10.0	80	367	\$934	15.7
<b>Average</b>	<b>3.149</b>	<b>11.0</b>	<b>78</b>	<b>336</b>	<b>\$859</b>	<b>11.5</b>

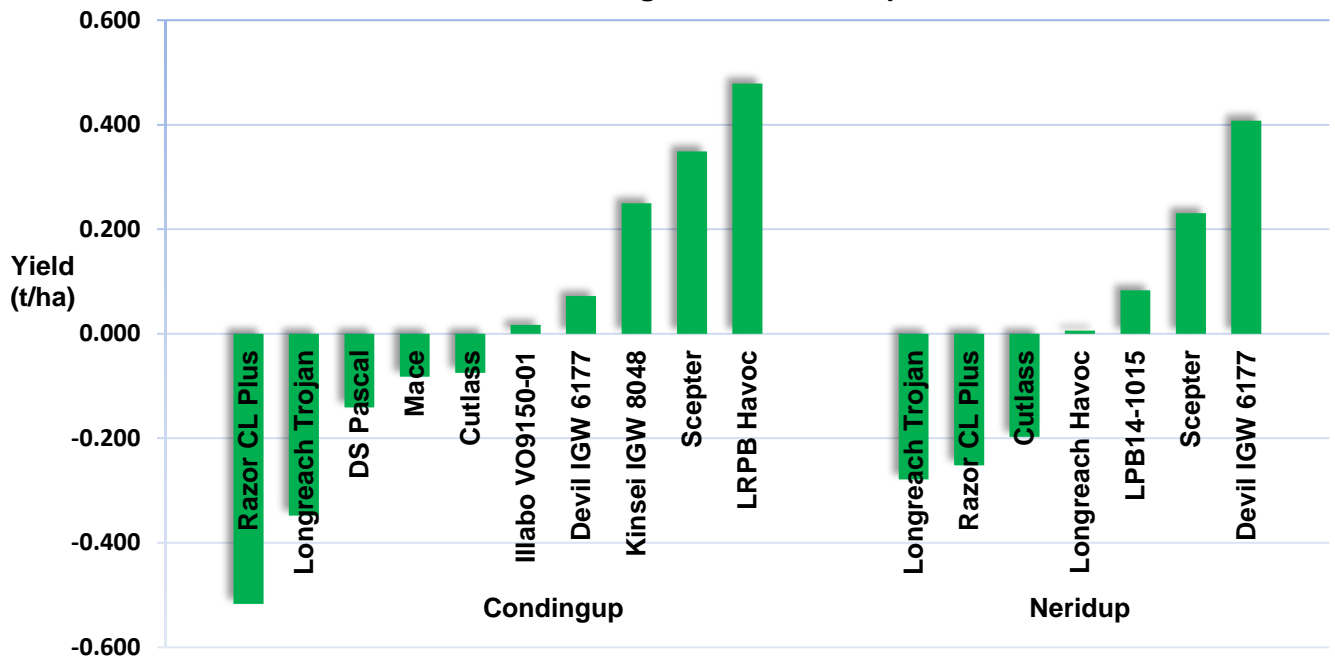
## 2018 Summaries Wheat Yields, Quality and Farmanco Ranking

Summaries of the 2018 SEPWA Wheat Trials for each of the regions in the Esperance Port Zone (EPZ) together with quality parameters can be seen in the following tables.

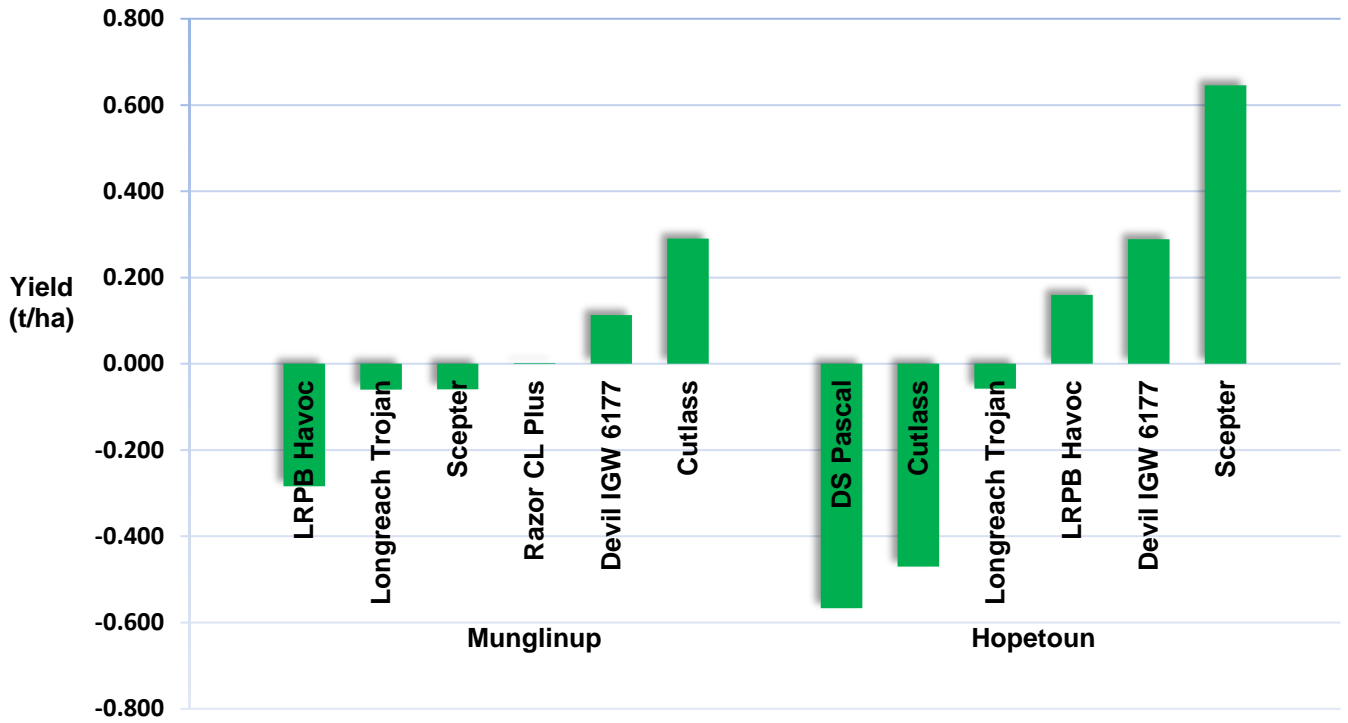
<b>Wheat Yields and Quality data for SEPWA Trials 2018</b>						
<b>High Rainfall - Sandplain</b>						
<b>Area x Variety</b>	<b>Yield (t/ha)</b>	<b>Percent of Site Mean</b>	<b>Protein %</b>	<b>Hectolitre Weight</b>	<b>Falling Numbers</b>	<b>Farmanco Ranking</b>
<b>Condingup</b>	<b>5.988</b>	<b>100%</b>	<b>11.7</b>	<b>72.6</b>	<b>385</b>	<b>\$1,892</b>
Razor CL Plus	5.471	91%	11.4	77.4	406	\$1,805
Longreach Trojan	5.640	94%	12.4	70.0	414	\$1,805
DS Pascal	5.847	98%	12.6	71.1	405	\$1,965
Mace	5.906	99%	11.6	73.0	391	\$1,984
Cutlass	5.913	99%	11.2	77.0	406	\$2,010
Illabo VO9150-01	6.005	100%	11.9	66.5	414	\$1,573
Devil IGW 6177	6.060	101%	10.5	73.4	389	\$1,939
Kinsei IGW 8048	6.238	104%	11.2	72.5	377	\$1,634
Scepter	6.337	106%	12.7	72.5	407	\$2,129
LRPB Havoc	6.467	108%	11.6	73.0	244	\$2,069
<b>Neridup</b>	<b>5.263</b>	<b>100%</b>	<b>9.9</b>	<b>73.6</b>	<b>367</b>	<b>\$1,699</b>
Longreach Trojan	4.984	95%	9.3	74.5	380	\$1,645
Razor CL Plus	5.011	95%	9.6	71.1	382	\$1,604
Cutlass	5.066	96%	9.5	71.7	370	\$1,621
Longreach Havoc	5.269	100%	10.8	75.4	292	\$1,686
LPB14-1015	5.346	102%	10.3	73.9	367	\$1,711
Scepter	5.494	104%	9.9	72.9	386	\$1,758
Devil IGW 6177	5.671	108%	9.8	75.7	394	\$1,871
<b>Munglinup</b>	<b>3.794</b>	<b>100%</b>	<b>9.3</b>	<b>77.4</b>	<b>310</b>	<b>\$1,240</b>
LRPB Havoc	3.510	93%	9.9	77.8	215	\$1,123
Longreach Trojan	3.734	98%	9.2	78.3	338	\$1,232
Scepter	3.735	98%	9.0	76.7	353	\$1,233
Razor CL Plus	3.796	100%	8.9	76.5	285	\$1,215
Devil IGW 6177	3.907	103%	9.1	77.9	356	\$1,289
Cutlass	4.084	108%	9.7	77.3	315	\$1,348
<b>Hopetoun</b>	<b>3.257</b>	<b>100%</b>	<b>10.5</b>	<b>79.7</b>	<b>367</b>	<b>\$1,099</b>
DS Pascal	2.690	83%	10.9	76.4	306	\$915
Cutlass	2.787	86%	10.4	79.8	395	\$934
Longreach Trojan	3.199	98%	10.7	80.5	392	\$1,088
LRPB Havoc	3.417	105%	11.0	81.3	339	\$1,162
Devil IGW 6177	3.546	109%	10.0	79.8	396	\$1,188
Scepter	3.903	120%	10.0	80.4	376	\$1,308
<b>Average</b>	<b>4.794</b>		<b>10.5</b>	<b>75.3</b>	<b>362</b>	<b>\$1,546</b>

**Note** Condingup site: Illabo VO9150-01 is winter type wheat and therefore affected by time of sowing as seed arrived late and could not be included in Long Season Wheat Trial. Kinsei IGW 8048 is also a late maturing udon wheat variety.

2018 Wheat Yield × Variety compared to site mean  
High Rainfall - Sandplain



2018 Wheat Yield × Variety compared to site mean  
High Rainfall - Sandplain

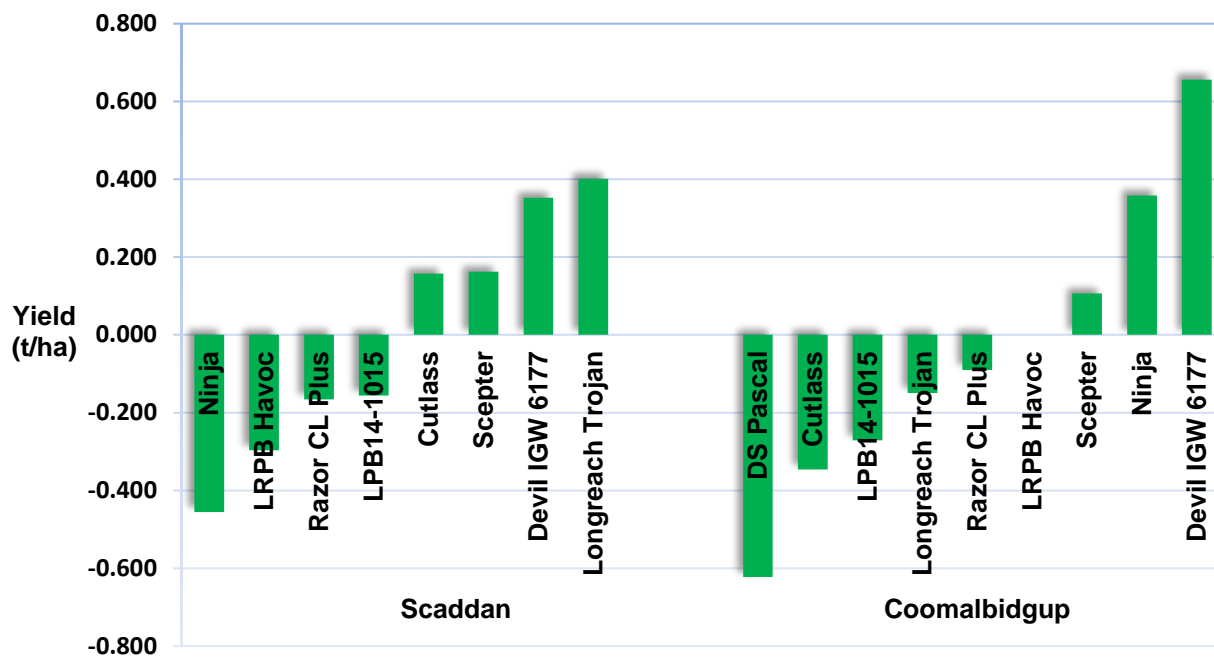


## Wheat Yields and Quality data for SEPWA Trials 2018

### Medium Rainfall - Mallee

Area x Variety	Yield (t/ha)	Percent of Site Mean	Protein %	Hectolitre Weight	Falling Numbers	Farmanco Ranking
<b>Scaddan</b>	<b>2.087</b>	100%	<b>7.6</b>	<b>78.9</b>	<b>382</b>	<b>\$675</b>
Longreach Trojan	2.488	119%	7.9	79.7	393	\$821
Cutlass	2.244	108%	7.5	80.0	386	\$741
Scepter	2.249	108%	7.5	79.5	379	\$742
Ninja	1.632	78%	8.0	77.2	406	\$428
Devil IGW 6177	2.439	117%	7.2	79.1	362	\$805
LRPB Havoc	1.790	86%	7.8	78.7	380	\$591
Razor CL Plus	1.921	92%	7.3	78.6	369	\$634
LPB14-1015	1.931	93%	7.3	78.7	380	\$637
<b>Coomalbidgup</b>	<b>3.547</b>	100%	<b>10.3</b>	<b>79.4</b>	<b>330</b>	<b>\$1,157</b>
Longreach Trojan	3.398	100%	10.7	81.5	316	\$1,155
Cutlass	3.201	94%	11.1	79.7	323	\$1,088
Scepter	3.653	108%	9.8	79.7	312	\$1,205
DS Pascal	2.925	86%	10.8	79.1	342	\$995
Ninja	3.905	115%	10.1	80.5	355	\$1,164
Devil IGW 6177	4.203	124%	9.1	77.9	309	\$1,387
LRPB Havoc	3.547	104%	10.4	79.6	348	\$1,188
Razor CL Plus	3.457	102%	9.9	77.2	270	\$1,106
LPB14-1015	3.276	96%	10.6	78.7	372	\$1,114
<b>Average</b>	<b>2.898</b>	100%	<b>9.1</b>	<b>79.2</b>	<b>353</b>	<b>\$942</b>

**2018 Wheat Yield x Variety compared to site mean  
Medium Rainfall - Mallee**

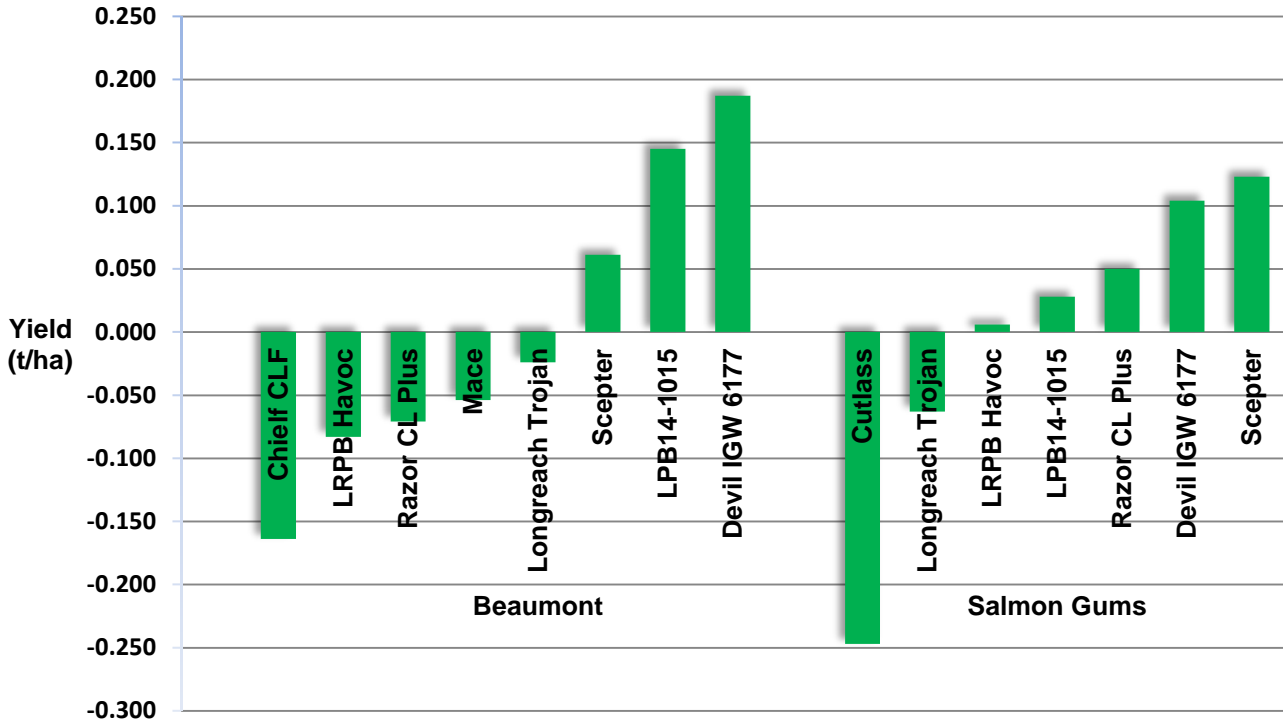


## Wheat Yields and Quality data for SEPWA Trials 2018

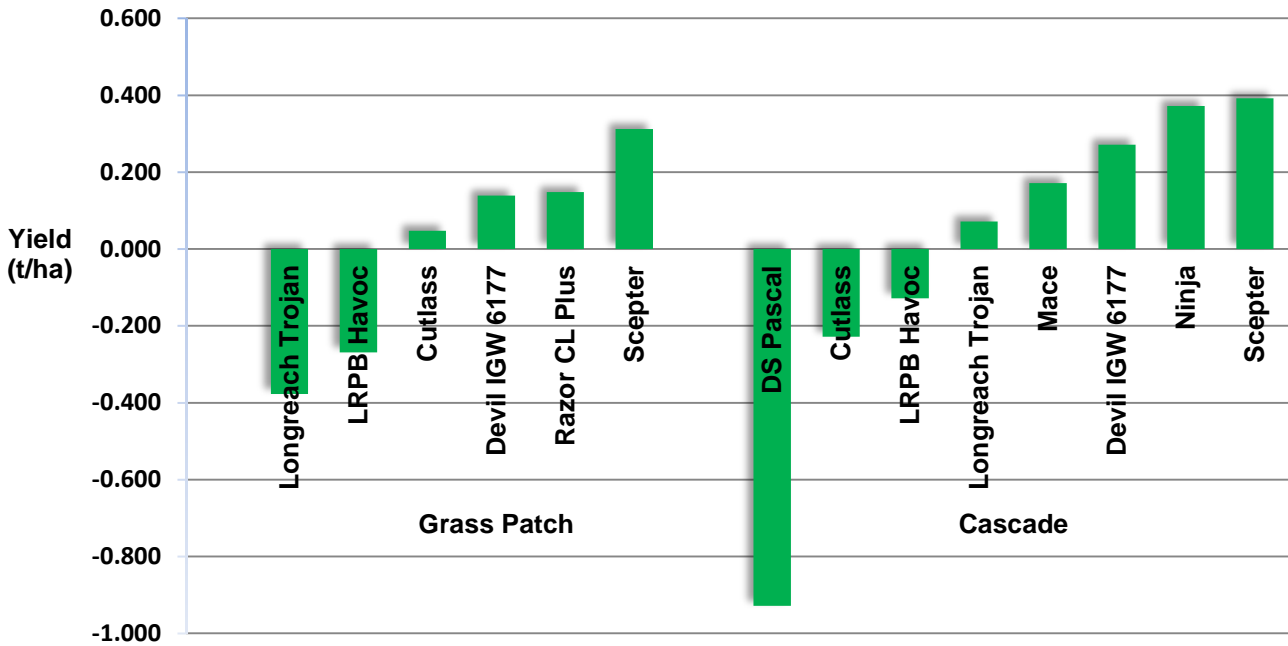
### Low Rainfall - Mallee

Area x Variety	Yield (t/ha)	Percent of Site Mean	Protein %	Hectolitre Weight	Falling Numbers	Farmanco Ranking
<b>Beaumont</b>	<b>3.245</b>	100%	<b>9.6</b>	<b>79.1</b>	<b>372</b>	<b>\$1,071</b>
Longreach Trojan	3.221	99%	9.9	79.0	392	\$1,063
Mace	3.191	98%	9.3	79.6	377	\$1,053
Scepter	3.306	102%	9.8	79.8	353	\$1,091
Chief CLF	3.081	95%	9.9	78.9	417	\$1,017
Devil IGW 6177	3.432	106%	9.5	79.1	373	\$1,133
LRPB Havoc	3.162	97%	10.1	78.0	400	\$1,043
Razor CL Plus	3.174	98%	8.7	78.1	362	\$1,047
LPB14-1015	3.390	104%	9.4	79.9	301	\$1,119
<b>Salmon Gums</b>	<b>1.280</b>	100%	<b>12.9</b>	<b>80.3</b>	<b>418</b>	<b>\$445</b>
Longreach Trojan	1.217	95%	12.3	81.0	399	\$414
Cutlass	1.033	81%	13.3	79.3	484	\$351
Scepter	1.403	110%	12.7	80.9	383	\$491
Devil IGW 6177	1.384	108%	11.9	80.6	392	\$484
LRPB Havoc	1.286	100%	13.4	81.6	478	\$463
Razor CL Plus	1.330	104%	12.9	80.4	382	\$439
LPB14-1015	1.308	102%	14.0	78.4	409	\$471
<b>Grass Patch</b>	<b>3.919</b>	100%	<b>9.1</b>	<b>81.1</b>	<b>340</b>	<b>\$1,293</b>
Longreach Trojan	3.542	90%	9.3	80.8	345	\$1,169
Cutlass	3.967	101%	9.2	81.5	334	\$1,309
Scepter	4.231	108%	9.0	81.7	354	\$1,396
Devil IGW 6177	4.058	104%	8.6	79.9	343	\$1,339
LRPB Havoc	3.650	93%	9.5	81.1	318	\$1,205
Razor CL Plus	4.067	104%	8.9	81.5	344	\$1,342
<b>Cascade</b>	<b>4.028</b>	100%	<b>9.1</b>	<b>77.8</b>	<b>346</b>	<b>\$1,292</b>
Longreach Trojan	4.100	102%	8.8	79.8	337	\$1,353
Mace	4.200	104%	9.3	77.6	358	\$1,386
Cutlass	3.800	94%	9.3	78.2	359	\$1,254
Scepter	4.420	110%	8.9	77.6	354	\$1,459
DS Pascal	3.100	77%	9.5	77.0	324	\$1,023
Ninja	4.400	109%	8.7	79.1	330	\$1,153
Devil IGW 6177	4.300	107%	8.9	77.0	344	\$1,419
LRPB Havoc	3.900	97%	9.6	76.5	360	\$1,287
<b>Average</b>	<b>3.126</b>	100%	<b>10.2</b>	<b>79.4</b>	<b>369</b>	<b>\$1,027</b>

2018 Wheat Yield × Variety compared to site mean  
Low Rainfall - Mallee



2018 Wheat Yield × Variety compared to site mean  
Low Rainfall - Mallee

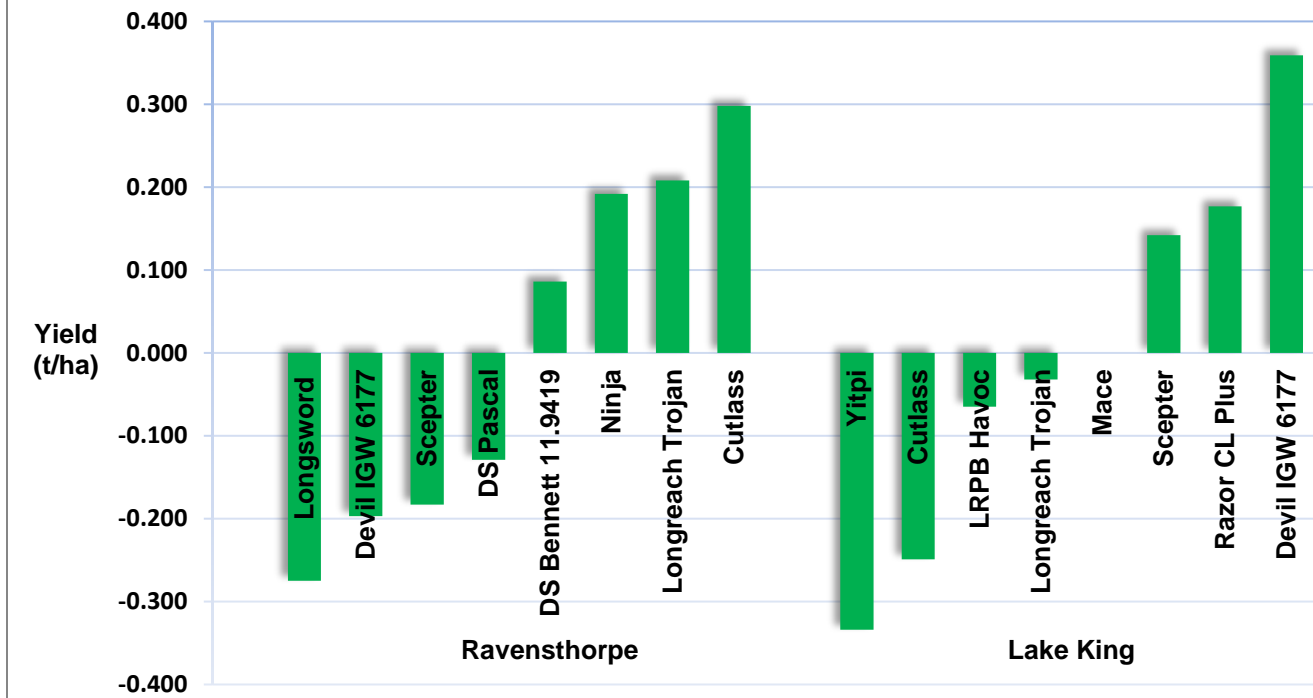


## Wheat Yields and Quality data for SEPWA Trials 2018

### Low Rainfall - Mallee

Area x Variety	Yield (t/ha)	Percent of Site Mean	Protein %	Hectolitre Weight	Falling Numbers	Farmanco Ranking
<b>Ravensthorpe</b>	<b>2.106</b>	100%	<b>9.5</b>	<b>78.7</b>	<b>361</b>	<b>\$665</b>
Longreach Trojan	2.314	110%	9.0	80.1	348	\$764
Cutlass	2.404	114%	10.1	80.3	369	\$805
Scepter	1.923	91%	11.2	81.7	428	\$654
DS Pascal	1.977	94%	9.8	78.5	361	\$652
Longsword	1.831	87%	9.0	80.1	348	\$480
Ninja	2.298	109%	9.4	75.0	328	\$602
Devil IGW 6177	1.909	91%	10.4	80.0	364	\$640
DS Bennett	2.192	104%	7.5	74.1	341	\$723
<b>Lake King</b>	<b>2.602</b>	100%	<b>9.8</b>	<b>83.1</b>	<b>365</b>	<b>\$864</b>
Longreach Trojan	2.570	99%	9.8	85.3	396	\$848
Mace	2.602	100%	9.7	82.3	351	\$859
Yitpi	2.268	87%	11.3	82.7	393	\$771
Cutlass	2.353	90%	10.1	82.8	362	\$788
Scepter	2.744	105%	9.1	84.6	335	\$906
Devil IGW 6177	2.961	114%	9.2	82.6	363	\$977
LRPB Havoc	2.537	98%	10.1	82.5	377	\$850
Razor CL Plus	2.779	107%	9.2	82.2	342	\$917
<b>Average</b>	<b>2.354</b>	100%	<b>9.7</b>	<b>80.9</b>	<b>363</b>	<b>\$765</b>

**2018 Wheat Yield × Variety compared to site mean  
Low Rainfall - Mallee**





## 2018 SEPWA Wheat Variety Trials - Percentage of site mean

Variety	High Rainfall - Sandplain			Medium Rainfall - Mallee		Low Rainfall - Mallee					
	Condingup	Neridup	Munglinup	Coomalbidgup	Scaddan	Beaumont	Grass Patch	Salmon Gums	Cascade	Ravensthorpe	Lake King
Chief CLF						95%					
Cutlass	99%	96%	<b>108%</b>	90%	<b>108%</b>		101%	81%	94%	<b>114%</b>	90%
Devil IGW 6177	101%	<b>108%</b>	103%	<b>118%</b>	<b>117%</b>	<b>106%</b>	104%	<b>108%</b>	<b>107%</b>	91%	<b>114%</b>
DS Bennett 11.9419										104%	
DS Pascal	98%			82%					77%	94%	
Illabo VO9150-01	100%										
Kinsei IGW 8048	104%										
Longreach Havoc		100%									
Longreach Trojan	94%	95%	98%	96%	<b>119%</b>	99%	90%	95%	102%	<b>110%</b>	99%
Longsword										87%	
LPB14-1015		102%		92%	93%	104%		102%			
LRPB Havoc	<b>108%</b>		93%	100%	86%	97%	93%	100%	97%		98%
Mace	99%					98%			104%		100%
Ninja				<b>110%</b>	78%				<b>109%</b>	<b>109%</b>	
Razor CL Plus	91%	95%	100%	97%	92%	98%	104%	104%			<b>107%</b>
Scepter	<b>106%</b>	104%	98%	103%	<b>108%</b>	102%	<b>108%</b>	<b>110%</b>	<b>110%</b>	91%	<b>105%</b>
Yitpi											87%
<b>Site Mean (t/ha)</b>	<b>5.988</b>	<b>5.263</b>	<b>3.794</b>	<b>3.547</b>	<b>2.087</b>	<b>3.245</b>	<b>3.919</b>	<b>1.280</b>	<b>4.028</b>	<b>2.106</b>	<b>2.602</b>

Variety >105% site mean

### Falling Numbers

In 2018 SEPWA wheat variety trials, falling numbers were not greatly affected by rainfall however the Longreach Havoc and Razor CL did have low falling numbers at medium – high rainfall sites.

## 2018 SEPWA Wheat Variety Trials - Falling Numbers

Variety	High Rainfall - Sandplain				Medium Rainfall - Mallee		Low Rainfall - Mallee					
	Condingup	Neridup	Munglinup	Hopetoun	Coomalbidgup	Scaddan	Beaumont	Salmon Gums	Grass Patch	Cascade	Ravensthorpe	Lake King
Chief CLF							417					
Cutlass	406	370	315	395	323	386		484	334	359	369	362
Devil IGW 6177	389	394	356	396	309	362	373	392	343	344	364	363
DS Bennett											341	
DS Pascal	405			306	342					324	361	
Illabo VO9150-01	414											
Kinsei IGW 8048	377											
Longreach Havoc	<b>244</b>	<b>292</b>	<b>215</b>	339	348	380	400	478	318	360		377
Longreach Trojan	414	380	338	392	316	393	392	399	345	337	348	396
LPB14-1015		367			372	380	301	409				
Mace	391						377			358		351
Ninja					355	406				330	328	
Razor CL Plus	406	382	<b>285</b>		<b>270</b>	369	362	382	344			342
Scepter	407	386	353	376	312	379	353	383	354	354	428	335
Yitpi												393
<b>Average</b>	<b>385</b>	<b>367</b>	<b>310</b>	<b>367</b>	<b>330</b>	<b>382</b>	<b>372</b>	<b>418</b>	<b>340</b>	<b>346</b>	<b>363</b>	<b>365</b>

## Wheat Farmanco Economic Ranking (\$/ha)

The Farmanco Economic ranking is based yield and on the varietal classification e.g. Hard or APW using current wheat pricing at harvest and varietal grade using quality parameters protein, screenings, hectolitre weight and falling numbers.,  
The price assumptions and varietal classifications used were

**AH** – LongReach Havoc, Scepter, Devil, Mace, Yitpi, Illabo, LPB14-1015

**APW** – LongReach Trojan, Cutlass, Chief, DS Bennett, DS Pascal

**ANW** – Ninja, Kinsei

**ASW** - Razor CL

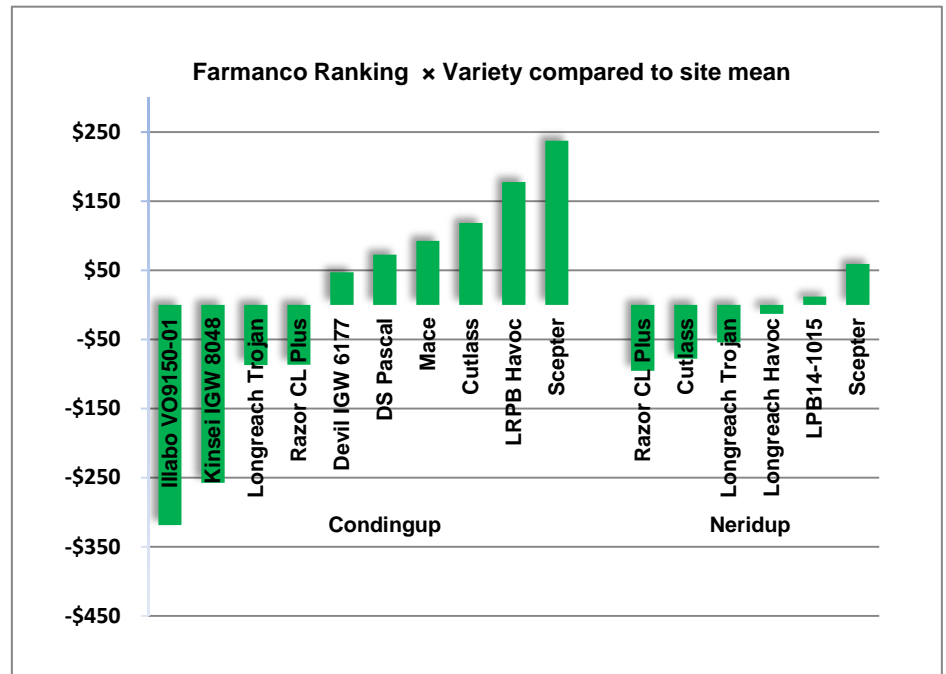
**FED** - Longsword

Grade	Price	Spread
H1	\$360.00	\$20.00
H2	\$350.00	\$10.00
<b>APW1</b>	<b>\$340.00</b>	<b>\$0.00</b>
APW2	\$335.00	-\$5.00
ASW1	\$330.00	-\$10.00
AUH 2	\$336.00	-\$4.00
AGP1	\$320.00	-\$20.00
FED1	\$262.00	-\$78.00
AWN	\$334.00	-6.00

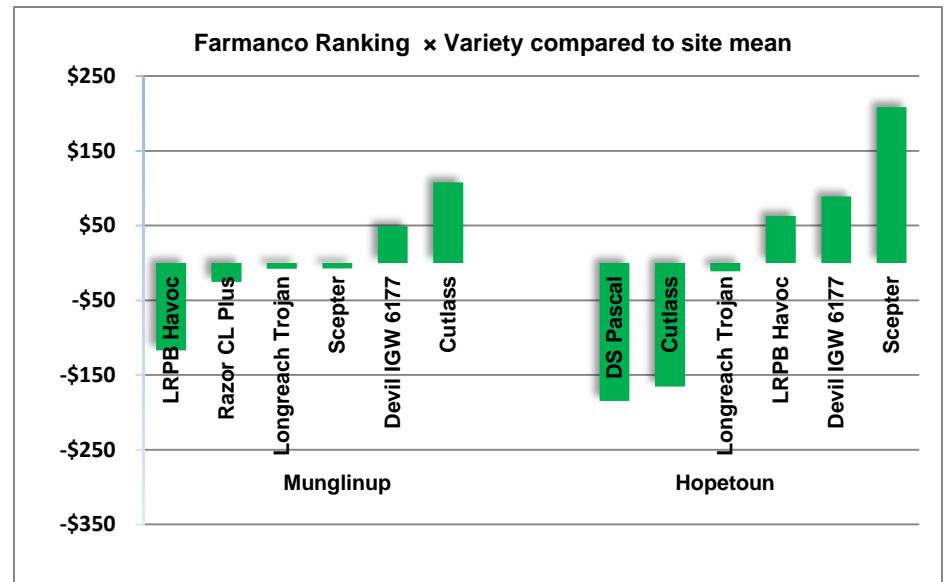
*Please note – Ninja and Kinsei wheat – no ANW stack in Esperance Port Zone and Farmanco pricing based on delivery to Kwinana, Ninja and Kinsei has met AWN standards there are TWO Farmanco Rankings – AWN and Feed.*

From time to time the spreads can change, but this is a reasonable stab at where they have been over harvest while also taking into account the long term spreads.

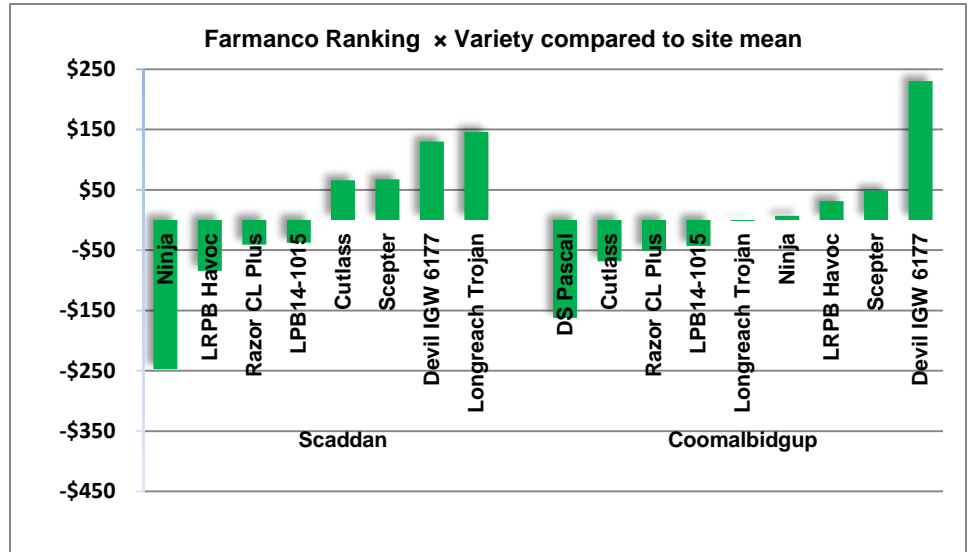
2018 Farmanco Ranking		
High Rainfall - Sandplain		
Variety	Condingup	Neridup
Longreach Trojan	\$1,805	\$1,645
Mace	\$1,984	
Cutlass	\$2,010	\$1,621
Scepter	\$2,129	\$1,758
DS Pascal	\$1,965	
Longreach Havoc	\$2,069	\$1,686
Devil IGW 6177	\$1,939	\$1,871
Razor CL Plus	\$1,805	\$1,604
LPB14-1015		\$1,711
Illabo VO9150-01	\$1,573	
Kinsei IGW 8048	\$1,634	
<b>Average</b>	<b>\$1,892</b>	<b>\$1,699</b>



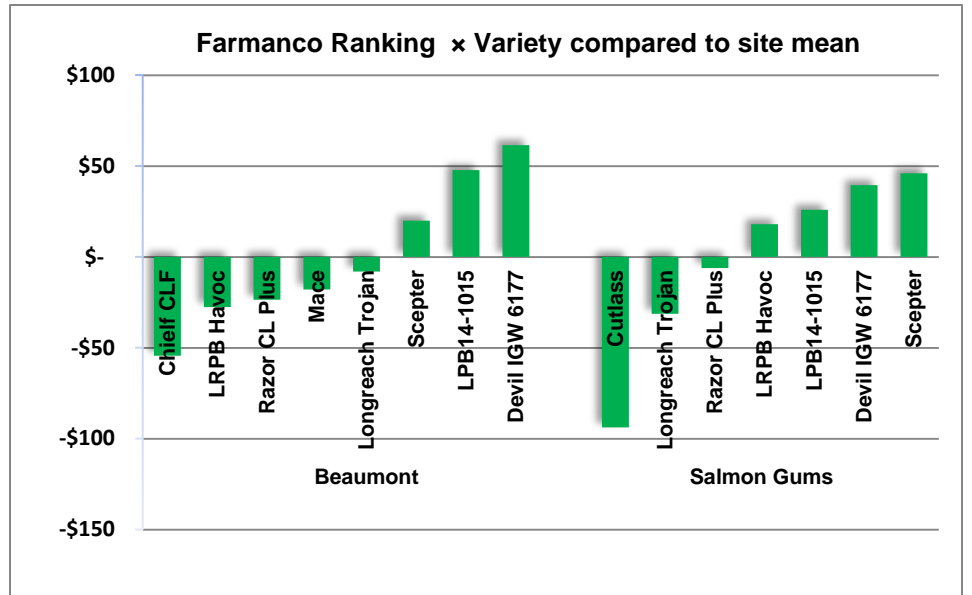
2018 Farmanco Ranking		
High Rainfall - Sandplain		
Variety	Munglinup	Hopetoun
Longreach Trojan	\$1,232	\$1,088
Cutlass	\$1,348	\$934
Scepter	\$1,233	\$1,308
DS Pascal		\$915
Longreach Havoc	\$1,123	\$1,162
Devil IGW 6177	\$1,289	\$1,188
Razor CL Plus	\$1,215	
<b>Average</b>	<b>\$1,240</b>	<b>\$1,099</b>



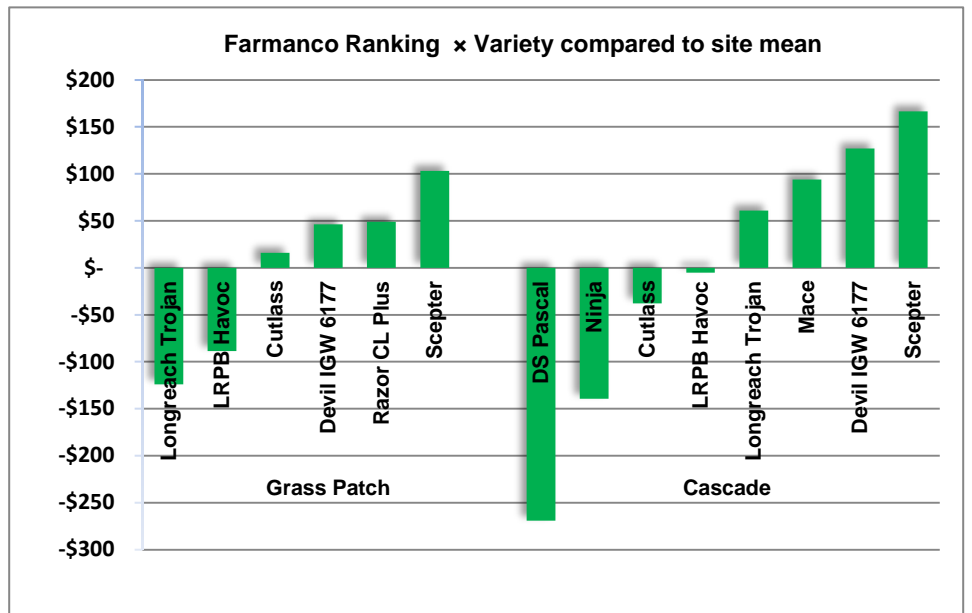
2018 Farmanco Ranking		
Medium Rainfall - Mallee		
Variety	Scaddan	Coomalbidg up
Longreach Trojan	\$821	\$1,155
Cutlass	\$741	\$1,088
Scepter	\$742	\$1,205
DS Pascal		\$995
Longreach Havoc	\$591	\$1,188
Ninja	\$428	\$1,164
Devil IGW 6177	\$805	\$1,387
Razor CL Plus	\$634	\$1,106
LPB14-1015	\$637	\$1,114
<b>Average</b>	<b>\$675</b>	<b>\$1,157</b>



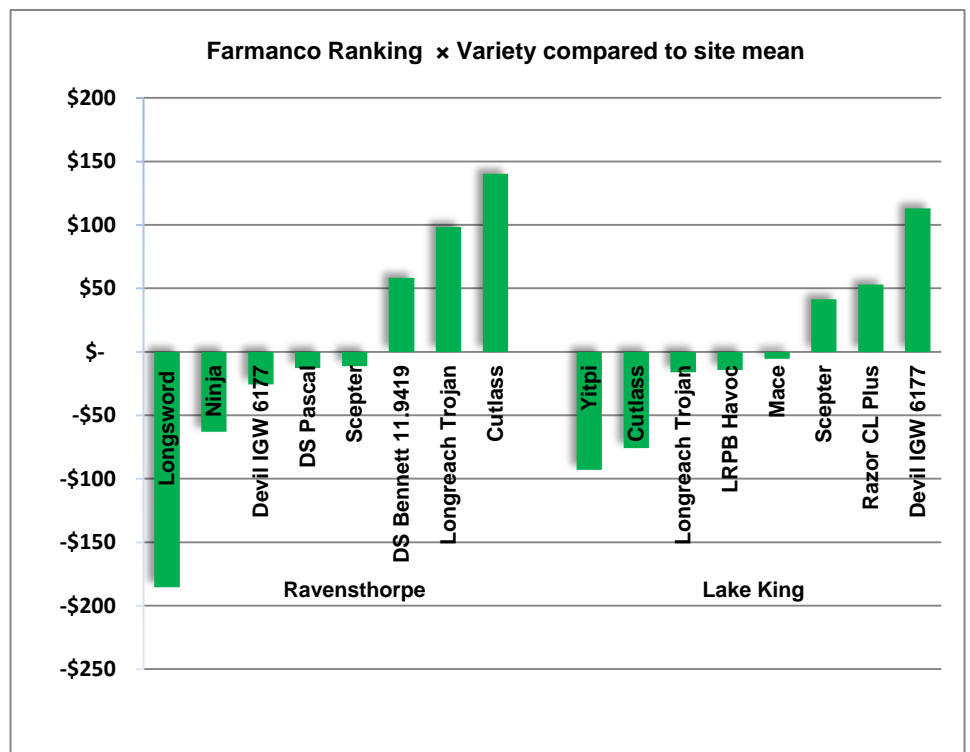
2018 Farmanco Ranking		
Low Rainfall - Mallee		
Variety	Beaumont	Salmon Gums
Longreach Trojan	\$1,063	\$414
Mace	\$1,053	
Cutlass		\$351
Scepter	\$1,091	\$491
Longreach Havoc	\$1,043	\$463
Chief CLF	\$1,017	
Devil IGW 6177	\$1,133	\$484
Razor CL Plus	\$1,047	\$439
LPB14-1015	\$1,119	\$471
<b>Average</b>	<b>\$1,071</b>	<b>\$445</b>



2018 Farmanco Ranking		
Low Rainfall - Mallee		
Variety	Grass Patch	Cascade
Longreach Trojan	\$1,169	\$1,353
Mace		\$1,386
Cutlass	\$1,309	\$1,254
Scepter	\$1,396	\$1,459
DS Pascal		\$1,023
Longreach Havoc	\$1,205	\$1,287
Ninja		\$1,153
Devil IGW 6177	\$1,339	\$1,419
Razor CL Plus	\$1,342	
<b>Average</b>	<b>\$1,293</b>	<b>\$1,292</b>



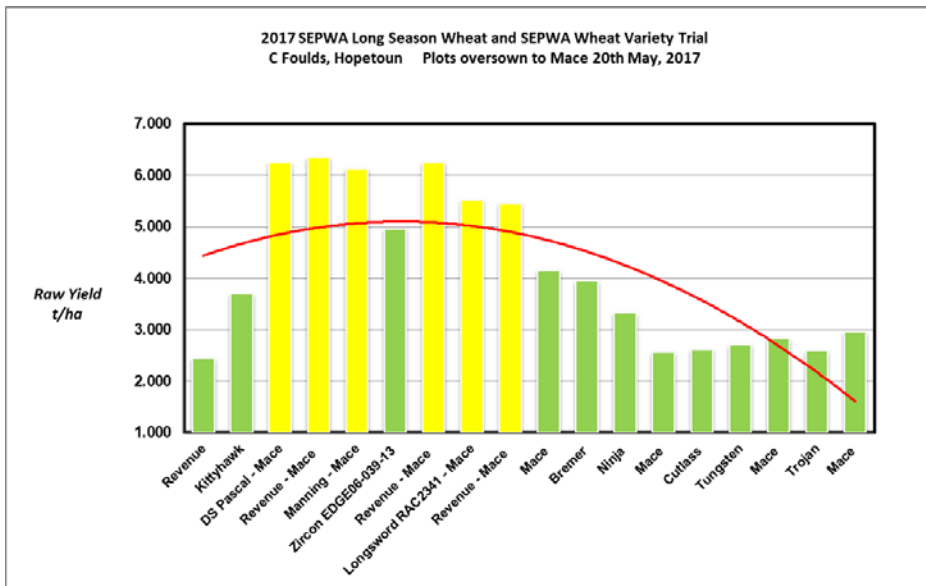
2018 Farmanco Ranking		
Low Rainfall - Mallee		
Variety	Ravensthorpe	Lake King
Longreach Trojan	\$764	\$848
Mace		\$859
Yitpi		\$771
Cutlass	\$805	\$788
Scepter	\$654	\$906
DS Pascal	\$652	
Longreach Havoc		\$850
Longsword	\$480	
Ninja	\$602	
DS Bennett	\$723	
Devil IGW 6177	\$640	\$977
Razor CL Plus		\$917
<b>Average</b>	<b>\$665</b>	<b>\$864</b>



Note (Ravensthorpe site): Longsword, DS Bennett are winter types wheats while DS Pascal is a long season spring wheat which were included due to early sowing, late rains assisted in yields while LongReach Havoc (an early variety) was affected by feeding emu's.

## Long Season Wheat Trials

For the third year, Long Season wheats have been included in the SEPWA variety trial program. In 2018 there were TWO sites, one at Condingup and another at Hopetoun. The trials are looking at early sowing of long season winter wheat varieties in the mid to high rain fall areas of Esperance Port Zone, sown in early April and looking for high yields.

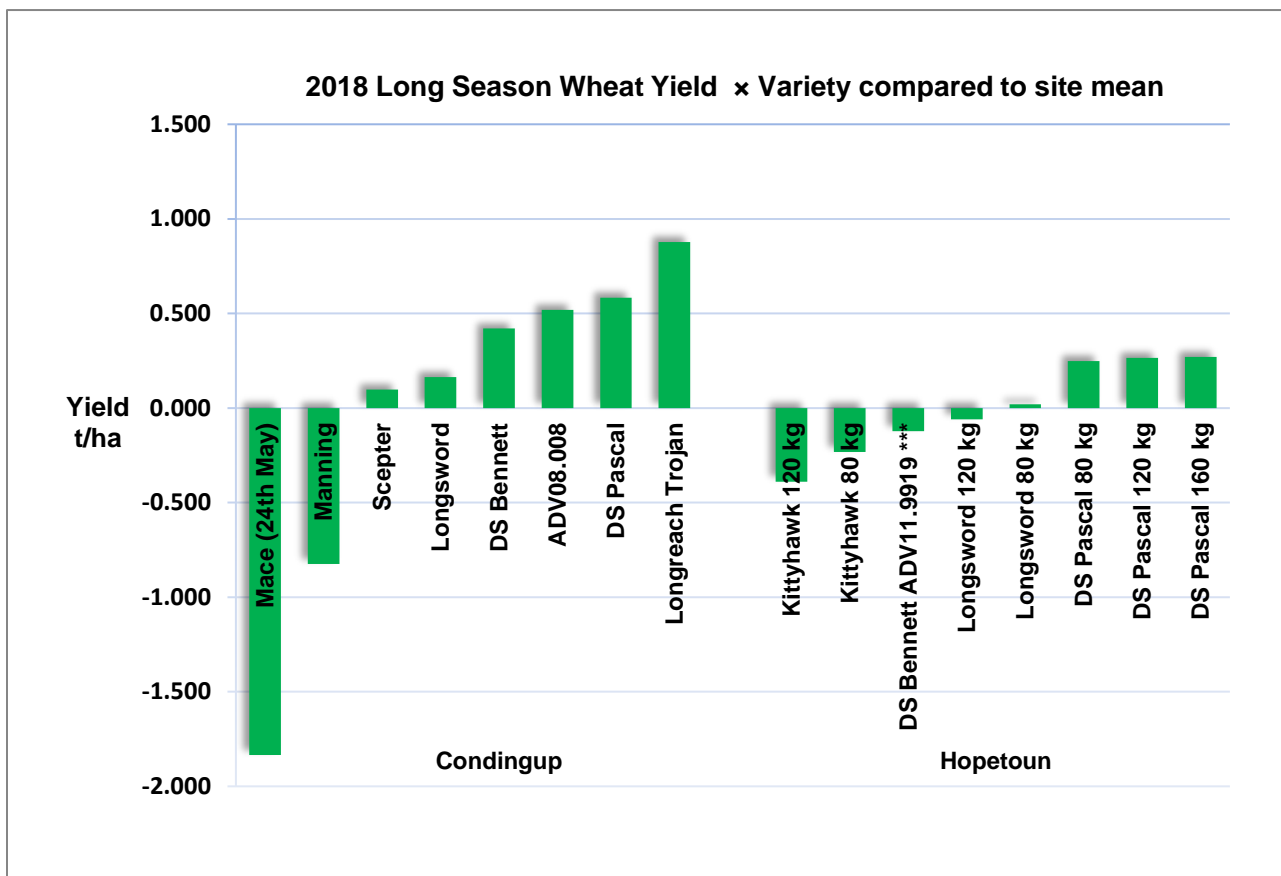


The Hopetoun site while having less varieties, also looked at the effect of sowing rates on yield, as a result of increased yields in the trial in 2017 which was sown 20th April, however some plots were over-sown on the 20th May with Mace wheat resulting significantly higher yields especially compared to single sown plots and the SEPWA wheat variety trial was sown immediately next to the Long Season Wheat trial sown on 20<sup>th</sup> May..

Unfortunately, this year the Long Season Wheat trial at Hopetoun had drought like conditions with only 145 mm rainfall between April and October resulting in poor yields..

This year varieties include winter wheats such as Manning, Kittyhawk together with DS Bennett a newly release variety and ADV08.008 an unreleased variety both from Dow AgroSciences. Illabo VO9150-01 a new released winter AH wheat form Australian Grain Technology did not arrive in time for sowing at both sites however was included in the SEPWA Wheat site at Warakirri, Condingup. Spring wheats included Longreach Trojan, Mace and Scepter and DS Pascal, long season variety released (2016) APW variety from the Dow AgroSciences

Long Season Wheat Yields and Quality data for SEPWA Trials 2018						
Area x Variety	Yield (t/ha)	Percent of Site Mean	Protein %	Hectolitre Weight	Falling Numbers	Farmanco Ranking
<b>Condingup</b>	<b>6.015</b>	<b>100%</b>	<b>11.6</b>	<b>69.8</b>		<b>\$1,814</b>
Longreach Trojan	6.893	115%	11.4	74.1	No Falling Numbers were recorded	\$2,344
Scepter	6.112	102%	10.3	74.8		\$2,078
DS Pascal	6.599	110%	12.1	74.6		\$2,244
Manning	5.190	86%	10.7	60.3		\$1,360
DS Bennett	6.435	107%	13.0	66.3		\$1,686
Mace (24th May)	4.180	69%	11.9	66.5		\$1,095
Longsword	6.178	103%	11.7	72.7		\$1,619
ADV08.008	6.534	109%	11.4	69.2		\$2,091
<b>Hopetoun</b>	<b>1.308</b>	<b>100%</b>	<b>14.3</b>	<b>78.1</b>		<b>368</b>
Kittyhawk 120 kg	0.919	70%	14.9	78.5	386	\$241
Kittyhawk 80 kg	1.075	82%	14.0	79.9	392	\$282
DS Bennett	1.185	91%	14.1	77.8	368	\$403
Longsword 120 kg	1.248	95%	16.1	77.3	318	\$327
Longsword 80 kg	1.327	101%	15.8	78.0	373	\$348
DS Pascal 80 kg	1.557	119%	12.3	77.5	330	\$529
DS Pascal 120 kg	1.573	120%	14.3	76.7	411	\$535
DS Pascal 160 kg	1.579	121%	13.0	79.1	364	\$537
<b>Average</b>	<b>3.662</b>	<b>100%</b>	<b>12.9</b>	<b>74.0</b>	<b>368</b>	<b>\$1,107</b>



The Farmanco Economic ranking is based yield and on the varietal classification e.g. Hard or APW using current wheat pricing at harvest and varietal grade using quality parameters protein, screenings, hectolitre weight and falling numbers., The price assumptions and varietal classifications used were

**AH** – Scepter, Mace **APW** –DS Pascal, Longreach Trojan, DS Bennett\*\*\*, ADV08.008\*\*\*  
**FEED** –Manning, Kittyhawk, Longsword \*\*\* denotes provisional classification

2018 Farmanco Ranking		
Long Season Wheat		
Variety	Condingup	Hopetoun
Longreach Trojan	\$2,344	
Scepter	\$2,078	
DS Pascal	\$2,244	\$529
Manning	\$1,360	
DS Bennett	\$1,686	\$403
DS Pascal 120 kg		\$535
DS Pascal 160 kg		\$537
Kittyhawk 120 kg		\$241
Kittyhawk 80 kg		\$282
Longsword 120 kg		\$327
Longsword 80 kg		\$348
ADV08.008***	\$2,091	
Longsword	\$1,619	
Mace (24th May)	\$1,095	
<b>Average</b>	<b>\$1,814</b>	<b>\$400</b>

