

2014 SEPWA Wheat Variety Trials
SUMMARY 6th January, 2015



2014 SEPWA Wheat Trials - Wheat Quality Average for Regions							
High Rainfall - Sandplain							
Varieties	Yield (t/ha)	Protein %	Gluten %	Starch %	Hect kg/hl	Screenings %	Falling Numbers
Corack	3.494	11.9	28.0	64.4	76.38	1.2	332
Eagle Rock	2.408	12.1	29.6	61.9	74.79	2.8	399
Emu Rock	3.583	13.0	30.8	62.1	76.26	1.8	168
Grenade CL Plus	3.035	11.9	27.7	66.1	75.41	1.1	368
Harper	2.830	12.5	29.5	69.0	75.00	3.1	368
Hydra IGW 3422	4.081	12.3	30.3	58.5	76.02	1.6	146
IGW 4012	3.861	12.0	29.7	58.8	77.38	1.9	358
Justica CL Plus	2.962	12.4	29.4	68.7	73.69	1.6	338
LongReach Cobra	3.305	12.6	29.8	64.2	75.76	1.5	196
LongReach Scout	3.161	11.7	27.6	66.5	77.25	2.2	383
LongReach Trojan	3.180	11.7	27.4	65.5	76.88	2.1	366
Mace	3.581	12.0	28.4	64.5	76.59	1.5	332
WAGT 328	3.287	12.1	28.4	64.1	77.55	1.2	317
Average	3.268	12.2	28.8	65.0	76.12	1.8	319

Medium Rainfall - Mallee							
Varieties	Yield (t/ha)	Protein %	Gluten %	Starch %	Hect kg/hl	Screenings %	Falling Numbers
Corack	3.067	12.3	30.1	60.6	80.78	0.7	320
Eagle Rock	2.390	12.2	30.5	48.6	76.27	0.8	377
Emu Rock	2.947	12.8	31.5	60.2	80.38	1.2	196
Grenade CL Plus	2.621	12.7	31.3	66.3	78.93	1.0	368
Harper	2.925	12.8	32.1	66.6	79.46	1.5	392
Hydra IGW 3422	2.699	12.1	29.8	60.8	80.42	1.2	325
Justica CL Plus	2.640	12.8	31.7	67.8	77.71	1.4	373
LongReach Cobra	2.918	12.7	32.0	61.8	80.13	1.1	223
LongReach Scout	2.928	12.5	30.9	65.5	80.96	1.0	371
LongReach Trojan	2.732	12.4	30.7	65.4	81.18	0.9	372
Mace	2.966	12.8	31.9	63.2	79.98	0.9	291
WAGT 328	2.604	13.2	33.9	65.3	79.53	1.3	412
Average	2.813	12.6	31.5	63.6	79.82	1.1	333

Low Rainfall Mallee							
Varieties	Yield (t/ha)	Protein %	Gluten %	Starch %	Hect kg/hl	Screenings %	Falling Numbers
Corack	2.456	12.4	29.6	60.8	78.65	1.3	314
Emu Rock	2.679	12.7	30.4	56.6	78.68	1.1	199
Grenade CL Plus	2.444	12.3	28.9	64.3	77.59	1.3	333
Harper	2.666	12.2	29.1	65.3	78.46	1.7	348
Hydra IGW 3422	2.306	12.0	29.5	60.3	78.48	2.9	279
IGW 4012	2.375	12.6	31.4	68.6	81.90	2.2	415
Justica CL Plus	2.421	12.3	29.6	65.0	77.18	1.5	318
LongReach Cobra	2.411	12.7	31.1	58.8	77.67	1.4	216
LongReach Scout	2.761	11.5	26.9	64.4	78.48	1.7	352
LongReach Trojan	2.528	11.4	26.6	62.8	79.33	1.6	333
Mace	2.626	12.4	29.5	58.4	78.76	1.2	335
WAGT 328	2.452	12.7	30.6	62.0	77.96	1.0	357
Yitpi	2.690	11.2	26.6	57.5	78.26	1.0	411
IGW 3423 (1)	2.721	11.0	25.8	46.0	76.71	1.4	117 (1)
Average	2.534	12.2	29.2	61.5	78.32	1.5	308

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2014 SEPWA Wheat Variety Trials - Yield (t/ha)													
Varieties	High Rainfall - Sandplain				Medium Rainfall - Mallee			Low Rainfall Mallee					
	Condingup	Neridup	Munglinup	Hopetoun	Wittenoom Hills	Coomalbidgup	Scaddan	Beaumont	Salmon Gums	Grass Patch	Cascades	Ravensthorpe	Lake King
Corack	4.571	2.811	3.516	3.079	2.597	2.564	4.040	3.484	2.312	2.694	1.970	1.786	2.490
Eagle Rock		2.408			2.390								
Emu Rock	4.206	3.187	3.357		3.043	2.241	3.558	3.453	2.659	2.716	2.286	2.027	2.935
Grenade CL Plus	3.580	2.610	2.915		2.427	2.092	3.343	2.959	2.154	2.514	2.422	1.922	2.690
Harper	3.162	2.740	3.063	2.354	3.065	2.319	3.390	3.446	2.355	2.744	2.401	1.965	3.085
Hydra IGW 3422	4.081				2.847	2.550			2.359		1.986	2.046	2.833
IGW 4012	4.690	3.031									2.375		
Justica CL Plus	3.634	2.729	3.173	2.312	2.449	2.248	3.223	3.064	2.228	2.711	1.913	1.948	2.660
LongReach Cobra	4.123	3.158	3.251	2.688	2.865	2.524	3.364	3.142	2.334	2.366	1.818	1.993	2.813
LongReach Scout	3.877	2.733	3.452	2.583	3.001	2.265	3.519	3.241	2.549	2.925	2.974	2.010	2.864
LongReach Trojan	3.698	2.839	3.309	2.875	2.562	2.249	3.385	3.328	2.041	2.520	2.186	2.000	3.095
Mace	4.336	3.364	3.545	3.077	2.645	2.431	3.821	3.513	2.284	2.838	2.195	2.162	2.762
WAGT 328	4.238	2.894	3.178	2.837	2.390	2.353	3.070	3.165	1.956	2.611		2.097	2.432
Yitpi													2.690
Site Mean (t/ha)	4.016	2.875	3.276	2.726	2.690	2.349	3.471	3.280	2.294	2.664	2.230	1.996	2.779

2014 SEPWA Wheat Variety Trials - Percentage of Site Mean													
Varieties	High Rainfall - Sandplain				Medium Rainfall - Mallee			Low Rainfall Mallee					
	Condingup	Neridup	Munglinup	Hopetoun	Wittenoom Hills	Coomalbidgup	Scaddan	Beaumont	Salmon Gums	Grass Patch	Cascades	Ravensthorpe	Lake King
Corack	114%	98%	107%	113%	97%	109%	116%	106%	101%	101%	88%	89%	90%
Eagle Rock		84%			89%								
Emu Rock	105%	111%	102%		113%	95%	102%	105%	116%	102%	103%	102%	106%
Grenade CL Plus	89%	91%	89%		90%	89%	96%	90%	94%	94%	109%	96%	97%
Harper	79%	95%	94%	86%	114%	99%	98%	105%	103%	103%	108%	98%	111%
Hydra IGW 3422	102%				106%	109%			103%		89%	103%	102%
IGW 4012	117%	105%									107%		
Justica CL Plus	90%	95%	97%	85%	91%	96%	93%	93%	97%	102%	86%	98%	96%
LongReach Cobra	103%	110%	99%	99%	107%	107%	97%	96%	102%	89%	82%	100%	101%
LongReach Scout	97%	95%	105%	95%	112%	96%	101%	99%	111%	110%	133%	101%	103%
LongReach Trojan	92%	99%	101%	105%	95%	96%	98%	101%	89%	95%	98%	100%	111%
Mace	108%	117%	108%	113%	98%	104%	110%	107%	100%	107%	98%	108%	99%
WAGT 328	106%	101%	97%	104%	89%	100%	88%	97%	85%	98%		105%	88%
Yitpi													97%
Site Mean (t/ha)	4.016	2.875	3.276	2.726	2.690	2.349	3.471	3.280	2.294	2.664	2.230	1.996	2.779

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2014 SEPWA Wheat Variety Trials - Percentage of Mace													
Varieties	High Rainfall - Sandplain				Medium Rainfall - Mallee			Low Rainfall Mallee					
	Condingup	Neridup	Munglinup	Hopetoun	Wittenoom Hills	Coomalbidgup	Scaddan	Beaumont	Salmon Gums	Grass Patch	Cascades	Ravensthorpe	Lake King
Corack	105%	84%	99%	100%	98%	105%	106%	99%	101%	95%	90%	83%	90%
Eagle Rock		72%			90%								
Emu Rock	97%	95%	95%		115%	92%	93%	98%	116%	96%	104%	94%	106%
Grenade CL Plus	83%	78%	82%		92%	86%	87%	84%	94%	89%	110%	89%	97%
Harper	73%	81%	86%	77%	116%	95%	89%	98%	103%	97%	109%	91%	112%
Hydra IGW 3422	94%				108%	105%			103%		90%	95%	103%
IGW 4012	108%	90%									108%		
Justica CL Plus	84%	81%	90%	75%	93%	92%	84%	87%	98%	96%	87%	90%	96%
LongReach Cobra	95%	94%	92%	87%	108%	104%	88%	89%	102%	83%	83%	92%	102%
LongReach Scout	89%	81%	97%	84%	113%	93%	92%	92%	112%	103%	135%	93%	104%
LongReach Trojan	85%	84%	93%	93%	97%	93%	89%	95%	89%	89%	100%	93%	112%
Mace	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
WAGT 328	98%	86%	90%	92%	90%	97%	80%	90%	86%	92%		97%	88%
Yitpi													97%
Mace Yield (t/ha)	4.336	3.364	3.545	3.077	2.645	2.431	3.821	3.513	2.284	2.838	2.195	2.162	2.762

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2014 SEPWA Wheat Variety Trials - Falling Numbers													
Varieties	High Rainfall - Sandplain				Medium Rainfall - Mallee			Low Rainfall Mallee					
	Condingup	Neridup	Munglinup	Hopetoun	Wittenoom Hills	Scaddan	Coomalbidgup	Beaumont	Salmon Gums	Grass Patch	Cascades	Ravensthorpe	Lake King
Corack	310	407	307	303	290	317	354	280	92	406	413	343	350
Eagle Rock		399			377								
Emu Rock	81	267	156		159	243	186	145	62	251	401	206	131
Grenade CL Plus	392	386	325		310	395	399	321	131	413	387	468	276
Harper	427	373	309	361	341	394	440	301	115	405	406	447	415
Hydra IGW 3422	146				303		346		98		443	426	150
IGW 4012	353	363									415		
Justica CL Plus	378	351	350	272	289	388	441	392	84	320	423	477	212
LongReach Cobra	125	395	113	151	128	242	298	113	62	203	413	358	149
LongReach Scout	351	405	349	428	403	334	376	354	123	402	413	416	406
LongReach Trojan	430	362	353	317	337	384	395	314	100	393	406	456	327
Mace	285	408	307	329	237	270	366	330	80	409	403	386	400
WAGT 328	323	341	318	286	381	400	456	361	182	409		488	346
Yitpi													411
IGW 3423													117
Average	300	371	289	306	296	337	369	291	103	361	411	406	284

Note - shaded areas = Falling Numbers above 300

Note - shaded areas = Falling Numbers less than 250

2014 SEPWA Wheat Variety Trials
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Farmanco Economic Ranking



2014 SEPWA Wheat Variety Trials -Farmanco Economic Ranking													
Varieties	High Rainfall - Sandplain				Medium Rainfall - Mallee			Low Rainfall Mallee					
	Condingup	Neridup	Munglinup	Hopetoun	Wittenoom Hills	Coomalbidgup	Scaddan	Beaumont	Salmon Gums	Grass Patch	Cascades	Ravensthorpe	Lake King
Corack	\$1,326	\$815	\$1,020	\$893	\$662	\$744	\$1,172	\$888	\$543	\$781	\$571	\$518	\$722
Eagle Rock		\$710			\$705								
Emu Rock	\$988	\$908	\$789		\$715	\$527	\$907	\$811	\$625	\$774	\$697	\$517	\$690
Grenade CL Plus	\$1,038	\$757	\$845		\$704	\$607	\$969	\$858	\$506	\$729	\$702	\$557	\$686
Harper	\$806	\$794	\$888	\$683	\$889	\$673	\$983	\$999	\$553	\$796	\$696	\$570	\$895
Hydra IGW 3422	\$959				\$826	\$740			\$554		\$576	\$522	\$666
IGW 4012	\$1,360	\$879									\$689		
Justica CL Plus	\$927	\$791	\$920	\$590	\$624	\$652	\$935	\$781	\$524	\$786	\$555	\$565	\$678
LongReach Cobra	\$969	\$932	\$764	\$632	\$673	\$719	\$858	\$738	\$548	\$603	\$554	\$588	\$661
LongReach Scout	\$1,124	\$793	\$1,001	\$749	\$870	\$657	\$1,021	\$940	\$599	\$848	\$862	\$583	\$831
LongReach Trojan	\$1,072	\$823	\$960	\$834	\$743	\$652	\$982	\$965	\$480	\$731	\$634	\$580	\$882
Mace	\$1,236	\$976	\$1,046	\$908	\$674	\$741	\$1,089	\$1,036	\$537	\$837	\$648	\$638	\$815
WAGT 328	\$1,250	\$854	\$938	\$809	\$705	\$718	\$936	\$934	\$460	\$770		\$619	\$717
Yitpi													\$780
IGW 3423													\$639
Average	\$1,088	\$836	\$917	\$762	\$733	\$675	\$985	\$895	\$539	\$766	\$653	\$569	\$743