

Upper Eyre Peninsula wheat variety yield performance 2017 and long term (2013-2017) expressed as t/ha and % of site average yield

Variety	Upper Eyre Peninsula										Long term yield brackets (2013-2017)							
	2017 (as % site average)										No. Trials	1	1.5	2	2.5	3	3.5	
	Kimba	Minnipa	Mitchellville	Numjikompita	Penong	Piednippie	Warrambo											
Axe	82	97	102	78	92						106	29	110	95	92	91	95	96
Beckom	98	95	105	110	98						109	29	106	106	109	110	107	106
Chief CL Plus	107	87	97	106	111						94	16	102	104	-	104	104	103
Cobalt	100	96	108	114	106						125	23	113	108	112	109	107	105
Corack	91	103	84	94	107						99	29	109	103	108	100	105	106
Cosmick	116	98	107	102	92						92	29	104	104	105	107	105	104
Cutlass	93	85	97	99	97						83	20	98	102	101	102	99	99
DS Darwin	-	-	-	-	-						-	-	-	-	-	-	-	-
DS Pascal	-	-	-	-	-						-	-	-	-	-	-	-	-
Emu Rock	106	102	105	96	102						99	29	113	101	101	102	104	102
Estoc	92	83	85	101	104						87	29	98	99	98	98	97	98
Gladius	111	110	101	94	108						102	29	102	97	95	96	97	97
Grenade CL Plus	89	101	91	90	105						94	29	105	97	93	96	96	96
Hatchet CL Plus	85	101	97	90	101						112	29	107	96	92	94	97	96
Kord CL Plus	81	92	85	104	100						95	29	105	97	93	93	95	95
LRPB Arrow	103	104	95	104	103						95	20	101	105	109	107	107	106
LRPB Cobra	100	91	87	92	97						70	29	89	100	102	104	104	104
LRPB Havoc	96	112	94	99	101						115	13	106	103	103	107	106	106
LRPB Scout	113	99	86	101	86						92	29	97	100	98	102	101	101
LRPB Trojan	123	104	94	113	105						89	29	93	103	106	103	102	104
Mace	108	108	95	102	84						112	29	108	103	107	102	105	105
Scepter	102	111	116	109	93						117	20	116	109	114	108	110	109
Shield	95	102	105	102	104						105	29	111	102	100	104	102	99
Tenfour	110	98	108	98	107						100	23	106	105	110	108	110	109
Wyaikatchem	98	106	103	105	97						97	29	101	102	105	103	104	103
Yitpi	95	84	98	103	101						79	29	95	97	93	96	93	94
Site av. yield (t/ha)	2.07	0.98	1.19	1.10	0.59						0.75		0.74	1.29	1.89	2.10	2.78	3.32
<i>LSD % (P=0.05)</i>	20	15	5	8	17						14	No Trials	5	7	3	5	5	4
Date sown	03 May 17	16 Jun 17	02 May 17	08 May 17	08 May 17						19 Jun 17							
Soil type	LSL	LSL	LSL	LSL	LSL						L							
Rainfall (mm) J-M/A-O	110/161	85/155	115/110	80/135	96/170						82/178							
pH (water)	8.6	8.5	8.6	8.7	8.8						8.7							
Previous crop	g/f pasture	g/f pasture	g/f pasture	pasture	pasture						g/f pasture							

Abbreviations
Soil type: S=sand, L=loam
g/f=grass free

Data source: NVT & SARDI/GRDC (long term data based on weighted analysis of sites, 2013-2017)

Data analysis by GRDC funded National Statistics Group

trial not sown

Mid and Lower Eyre Peninsula wheat variety yield performance

2017 and long term (2013-2017) expressed as t/ha and % of site average yield

Variety	Mid and Lower Eyre Peninsula										
	2017 (as % site average)			Long term yield brackets (2013-2017)							
	Cummins	Rudall	Wanilla	No. Trials	2.5	3	3.5	4	4.5	5	6
Axe	94	88	95	15	97	82	93	94	94	86	90
Beckom	110	105	110	15	109	116	109	111	107	109	108
Chief CL Plus	92	99	100	8	107		109	101	102	-	98
Cobalt	-	-	-		-	-	-	-	-	-	-
Corack	104	102	115	15	109	109	112	108	109	105	101
Cosmick	100	100	107	15	105	109	105	108	105	107	107
Cutlass	107	103	112	9	101	-	98	98	100	-	104
DS Darwin	94	85	87	14	94	-	95	96	98	98	98
DS Pascal	81	82	76	5	84	-	82	91	-	-	100
Emu Rock	87	96	98	15	104	99	103	107	102	98	99
Estoc	97	99	94	15	98	96	96	96	98	98	100
Gladius	77	99	85	15	97	90	94	96	96	94	97
Grenade CL Plus	87	100	76	15	97	87	93	96	95	91	95
Hatchet CL Plus	88	97	88	15	96	84	93	97	94	89	92
Kord CL Plus	83	100	87	15	97	86	92	92	94	89	93
LRPB Arrow	102	98	100	9	107	-	110	109	107	-	106
LRPB Cobra	102	81	95	15	97	109	104	108	106	111	108
LRPB Havoc	115	94	112	5	108	-	113	110	-	-	100
LRPB Scout	101	100	96	15	97	99	98	105	102	105	106
LRPB Trojan	97	95	104	15	101	111	105	105	109	113	111
Mace	111	114	96	15	108	109	110	107	106	104	101
Scepter	122	118	110	9	116	-	116	114	112	-	108
Shield	101	104	98	15	104	99	98	102	96	94	97
Tenfour	-	-	-	-	-	-	-	-	-	-	-
Wyalkatchem	97	98	101	15	104	108	106	104	102	103	101
Yitpi	83	95	95	14	94		90	89	92	93	96
Site av. yield (t/ha)	3.11	2.42	3.28		2.37	2.53	3.21	3.92	4.19	5.36	5.83
<i>LSD</i> % (<i>P</i> =0.05)	7	6	6	No Trials	2	1	4	2	4	1	1
Date sown	20 Jun 17	19 Jun 17	02 Jun 17								
Soil type	L	LSL	LS								
Rainfall (mm) J-M/A-O	88/234	91/190	63/298								
pH (water)	8.3	8.7	5.7								
Previous crop	Canola	Faba beans	Lupin								

Abbreviations

Soil type: S=sand, L=loam

gf=grass free

Data source: NVT & SARDI/GRDC (long term data based on weighted analysis of sites, 2012-2017)

Data analysis by GRDC funded National Statistics Group

Upper Eyre Peninsula barley variety yield performance 2017 and long term (2013-2017) expressed as t/ha and % of site average yield

Variety	UPPER EYRE PENINSULA														
	2017 (as % site average)					Long term yield brackets (2013-2017)									
	Darke Peak	Elliston	Minnipa	Piednippie	No Trials	1	1.5	2.5	3	3.5	4	4.5	5	5.5	
Alestar		91			18	74	86	102	95	99	95	95	98	104	
Bottler		-			-	-	-	-	-	-	-	-	-	-	
Commander		99			18	92	102	93	105	99	102	98	104	98	
Compass		113			18	146	149	112	112	119	114	120	106	90	
Fathom		105			18	116	123	100	111	100	113	115	111	103	
Fleet		109			18	106	112	92	108	98	107	106	108	98	
Flinders		-			12	-	86	100	92	96	92	94	-	-	
Grange		-			12	-	89	101	97	98	96	94	-	-	
Hindmarsh		105			18	146	135	116	105	116	107	112	99	93	
Keel		94			18	146	125	99	106	103	108	115	102	93	
La Trobe		100			18	137	133	115	107	115	109	111	102	95	
Maltstar		82			18	52	83	98	98	94	99	99	105	109	
Oxford		-			12	-	64	91	95	86	93	86	-	-	
RGT Planet		100			6	43	-	-	107	-	112	-	114	115	
Rosalind		109			14	107	140	-	113	120	116	117	111	104	
Scope		102			18	118	98	97	98	98	97	99	96	96	
Spartacus CL		105			14	145	139	-	109	117	110	113	103	94	
Topstart		85			14	41	68	91	97	88	95	88	-	-	
Westminster		-			-	-	-	-	-	-	-	-	-	-	
Site av. yield (t/ha)		3.62			0.72	1.11	2.21	2.85	2.85	3.07	3.67	4.06	4.53	5.01	
LSD % (P=0.05)		5			No Trials	1	2	1	5	1	5	1	1	1	
Date sown	19 Jun 17	20 Jun 17	16 Jun 17												
Soil type	LS	SL	LSL	LSL											
Rainfall (mm) J-M/A-O	71/ 184	107/ 273	85/ 155												
pH (water)	7.9	8.2	8.5												
Previous crop	g/f pasture	g/f pasture	g/f pasture												
Site stress factors	d		d	d											

Abbreviations
 Soil type: S=sand, L=loam, gf=grass free
 Site stresses: d=droughted
Data source: NVT & SARDI/GRDC (long term data based on weighted analysis of sites, 2013-2017)
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Mid and Lower Eyre Peninsula barley variety yield performance

2017 and long term (2013-2017) expressed as t/ha and % of site average yield

Variety	MID AND LOWER EYRE PENINSULA									
	2017 (% site average)			Long term yield brackets (2013-2017)						
	Wanilla	Wharminda	Cummins	No. Trials	1.5	3.5	4	4.5	5	6.5
Alestar	96	73	91	12	82	94	97	98	100	106
Bottler	104	88	95	3	81	-	100	-	102	-
Commander	80	138	101	14	115	100	100	102	102	95
Compass	106	131	106	14	144	119	109	110	105	95
Fathom	107	127	99	14	110	110	109	106	102	99
Fleet	102	125	99	14	119	103	102	103	100	93
Flinders	105	100	97	14	86	94	96	94	96	101
Grange	113	69	103	14	87	97	99	98	101	104
Hindmarsh	90	132	109	14	124	116	108	106	104	100
Keel	88	106	88	14	123	108	103	102	96	92
La Trobe	102	134	106	14	122	116	109	107	106	101
Maltstar	94	64	97	12	75	92	96	100	99	107
Oxford	98	61	103	14	64	87	96	96	100	107
RGT Planet	104	84	111	6	75	-	110	112	112	122
Rosalind	116	117	109	12	112	121	116	113	112	111
Scope	92	120	88	14	105	98	98	97	97	96
Spartacus CL	101	129	104	12	128	118	111	108	107	100
Topstart	95	67	96	12	69	88	96	97	101	107
Westminster	92	74	90	14	69	83	90	90	95	102
Site av. yield (t/ha)	3.87	1.25	4.73		1.26	3.29	3.76	4.34	4.73	6.49
<i>LSD % (P=0.05)</i>	<i>15</i>	<i>17</i>	<i>8</i>	No Trials	1	2	4	3	3	1
Date sown	02-Jun-17	10-Jul-17	20-Jun-17							
Soil type	LS	LS	L							
Rainfall (mm) J-M/A-O	63/298	60/205	88/234							
pH (water)	5.7	6.4	8.3							
Previous crop	Lupin	g/f pasture	Canola							

Abbreviations

Soil type: S=sand, L=loam
gf=grass free

Data source: NVT & SARDI/GRDC (long term data based on weighted analysis of sites, 2012-2017)

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