

AHDB RL Harvest Results - Winter Oilseed Rape RL 2022 (Final results)

20-Dec Treated gross output (t/ha) - as % mean of controls															
Name	Code	19-22 mean	2022 mean	Croft NYorks	Thorne SYorks	E Royal Wilts	Harlexton Lincs	EHowgate MLoth	Callow Herefd	Wisbech Cambs	Kincardine Fife	St-Bosw ScBord	Nether Wallop Hants	FGreen Suffolk	Turriff Aberdn
Control mean		5.18	5.72	5.02	5.48	5.39	5.40	6.40	5.86	6.81	6.21	7.24	5.64	3.53	5.63
LSD 5% (as %C)		4.6	4.2	12.4	7.7	9.1	6.9	7.3	7.7	9.7	3.9	4.4	8.2	11.1	6.7
CV%		6.0	5.1	7.5	4.8	5.4	3.7	4.4	4.6	5.4	2.1	2.6	4.8	5.7	3.7
Sowing date				24-Aug	26-Aug	21-Aug	23-Aug	26-Aug	01-Sep	03-Sep	31-Aug	28-Aug	26-Aug	18-Aug	31-Aug
Previous crop				W-wheat	W-wheat	W-barley	S-barley	W-barley	W-wheat	W-wheat	W-wheat	W-barley	S-barley	W-wheat	W-barley
Soil type				Medium	Medium	L-sand	D-silt	Medium	Medium	D-silt	L-sand	L-sand	Medium	D-clay	Medium
Tillage				Shallow	Shallow	Shallow	Direct	Plough	Deep	Direct	Plough	Plough	Shallow	Direct	Plough
Campus (C)	WR2535	99	100	106	103	108	98	97	94	99	99	98	100	96	104
DK Expansion (C)	WR2882	99	98	91	91	99	102	103	105	97	97	96	97	99	98
Aspire (C)	WR2923	98	98	102	102	89	97	98	99	107	104	101	98	85	93
Temptation (C)	WR2957	99	99	96	101	101	96	99	94	97	97	98	97	108	105
Aurelia (C)	WR3029	105	105	105	103	103	107	103	109	101	104	107	108	112	100
V 316 OL	WR2523	96	99	88	98	96	109	99	101	98	100	99	92	102	110
PT279CL	WR2897	92	91	83	89	85	98	105	91	83	93	-	87	93	-
Crome	WR2947	97	95	81	94	94	107	103	91	98	97	93	87	97	102
PX131 (D)	WR2992	88	89	80	94	79	97	87	87	84	90	96	84	94	99
Crocodile	WR3016	100	103	102	106	97	109	102	101	112	98	-	98	109	-
Resort (D)	WR3018	89	89	73	82	-	100	92	85	100	83	87	85	92	98
Ambassador	WR3030	105	104	102	99	109	112	101	106	110	105	106	98	97	98
Acacia	WR3034	101	100	99	109	105	98	99	90	103	96	96	100	96	107
DK Imprint CL	WR3092	92	93	92	89	98	89	96	97	88	94	90	95	102	92
DK Expectation	WR3098	99	99	89	94	96	104	105	103	104	96	-	96	101	-
LG Aviron	WR3110	105	104	112	103	105	107	99	109	101	102	106	107	97	101
LG Antigua	WR3111	101	98	92	99	102	96	104	99	101	97	-	93	89	-
Respect	WR3117	101	98	95	99	88	113	97	94	95	94	-	101	103	-
PT303	WR3202	104	100	99	102	95	104	104	93	97	103	97	97	102	108
PX138 (D)	WR3208	89	86	80	91	77	90	89	83	90	90	-	80	-	-
Tennyson	WR3233	99	96	102	96	88	104	103	88	90	97	-	97	97	-
Dart	WR3243	102	100	101	105	93	106	104	90	99	89	-	99	116	-
Matrix CL	WR3244	98	98	92	98	98	104	99	98	100	100	99	101	98	92
LG Auckland	WR3250	106	105	101	105	98	109	104	116	105	107	107	107	109	93
LG Adonis	WR3251	104	103	104	100	98	93	105	97	105	109	100	104	107	110
Amarone	WR3254	99	100	92	-	-	101	102	-	-	108	99	103	-	93
Annika	WR3255	101	102	100	104	103	102	104	100	102	105	105	101	96	99
LG Constructor CL	WR3256	95	95	89	95	94	111	96	97	96	90	93	92	99	95
DK Expose	WR3287	101	98	102	94	97	106	108	105	99	96	94	95	96	85
Murray	WR3304	106	104	96	107	101	112	109	88	103	104	102	106	122	108
Vegas	WR3306	105	105	98	112	107	109	104	102	100	104	102	104	110	112
Turing	WR3307	107	107	100	110	109	117	108	103	103	104	107	106	113	111
Devil	WR3311	100	96	91	100	103	97	103	88	87	88	-	99	104	-
Darkness	WR3312	101	98	99	95	103	98	109	89	96	90	-	99	106	-
Beatrice CL	WR3314	97	99	97	93	93	112	107	96	93	104	-	98	102	-
KWS Granos	WR3318	104	102	86	101	98	117	107	100	102	104	-	106	99	-
Attica	WR3320	107	105	100	100	108	113	105	102	104	106	105	103	97	110
LG Ancona	WR3321	103	102	96	97	102	106	102	111	98	100	-	106	107	-
LG Wagner	WR3322	104	107	109	100	104	108	112	111	105	110	111	103	99	102
Hanneli	WR3330	102	100	100	104	99	112	99	99	90	102	-	98	102	-
Tom	WR3345	102	102	97	109	100	99	103	97	104	102	-	105	99	-

(C) = yield control, (D) = Described variety

Data were assembled with care but treat differences below LSD cautiously. Performance variation is not AHDB's responsibility.

Not all varieties on the AHDB Recommended List are presented, since the focus is to test new varieties. Yields for well-established varieties on the AHDB Recommended Lists can be accessed via ahdb.org.uk/rl

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AHDB RL Harvest Results - Winter Oilseed Rape RL 2022 (Final results)

20-Dec Treated seed yield (t/ha) - as % mean of controls															
Name	Code	19-22	2022	Croft	Thorne	E Royal	Harlexton	EHowgate	Callow	Wisbech	Kincardine	St-Bosw	Nether Wallop	FGreen	Turriff
		mean	mean	NYorks	SYorks	Wilts	Lincs	MLOth	Herefd	Cambs	Fife	ScBord	Hants	Suffolk	Aberdn
Control mean		4.82	5.22	4.74	4.93	4.86	4.91	5.80	5.43	6.46	5.57	6.50	5.17	3.21	5.07
LSD 5% (as %C)		4.4	4.2	12.4	7.7	9.3	6.9	7.2	7.7	9.6	3.8	4.5	8.1	11.2	6.7
CV%		5.8	5.1	7.5	4.8	5.4	3.7	4.4	4.6	5.4	2.1	2.6	4.8	5.7	3.7
Sowing date				24-Aug	26-Aug	21-Aug	23-Aug	26-Aug	01-Sep	03-Sep	31-Aug	28-Aug	26-Aug	18-Aug	31-Aug
Previous crop				W-wheat	W-wheat	W-barley	S-barley	W-barley	W-wheat	W-wheat	W-wheat	W-barley	S-barley	W-wheat	W-barley
Soil type				Medium	Medium	L-sand	D-silt	Medium	Medium	D-silt	L-sand	L-sand	Medium	D-clay	Medium
Tillage				Shallow	Shallow	Shallow	Direct	Plough	Deep	Direct	Plough	Plough	Shallow	Direct	Plough
Campus (C)	WR2535	99	100	107	103	108	98	97	94	98	99	99	100	97	104
DK Expansion (C)	WR2882	99	98	90	91	98	101	104	104	96	97	96	97	99	99
Aspire (C)	WR2923	98	99	102	102	89	98	99	100	107	104	100	99	86	92
Temptation (C)	WR2957	99	98	95	100	101	95	98	94	97	96	98	96	107	105
Aurelia (C)	WR3029	105	106	106	104	105	108	102	109	103	104	108	108	112	101
V 316 OL	WR2523	96	99	88	98	96	109	100	101	97	100	99	92	102	109
PT279CL	WR2897	93	92	84	91	87	97	105	92	84	95	-	87	95	-
Crome	WR2947	97	95	81	94	94	107	102	91	98	96	91	87	97	102
PX131 (D)	WR2992	87	89	81	95	79	96	87	87	83	90	95	83	94	99
Crocodile	WR3016	101	104	103	106	99	110	102	102	112	99	-	99	109	-
Resort (D)	WR3018	89	89	72	84	-	100	92	85	101	83	87	85	93	98
Ambassador	WR3030	106	105	103	100	110	112	104	107	109	106	107	99	98	101
Acacia	WR3034	102	100	102	110	106	99	99	91	103	96	96	100	96	108
DK Imprint CL	WR3092	94	95	94	91	100	90	98	98	87	95	92	97	103	94
DK Expectation	WR3098	99	99	89	94	96	103	106	103	103	95	-	96	101	-
LG Aviron	WR3110	106	105	114	104	107	108	100	110	103	103	107	107	98	101
LG Antigua	WR3111	101	98	92	100	103	97	105	99	100	97	-	93	89	-
Respect	WR3117	102	99	98	102	90	114	97	95	97	96	-	102	104	-
PT303	WR3202	103	100	100	102	94	103	104	94	96	102	97	96	100	108
PX138 (D)	WR3208	89	86	81	92	78	90	89	83	89	91	-	81	-	-
Tennyson	WR3233	100	97	102	97	90	104	105	88	90	97	-	98	98	-
Dart	WR3243	102	100	102	105	93	108	104	90	99	91	-	99	116	-
Matrix CL	WR3244	97	98	93	98	98	102	98	97	99	98	99	101	97	92
LG Auckland	WR3250	106	105	102	106	98	106	104	115	104	105	106	106	108	93
LG Adonis	WR3251	103	102	103	100	99	92	103	98	103	108	100	104	107	107
Amarone	WR3254	99	100	93	-	-	102	103	-	-	108	101	103	-	94
Annika	WR3255	101	103	101	105	103	102	107	100	102	105	105	101	98	99
LG Constructor CL	WR3256	96	97	91	97	97	111	97	98	96	91	94	94	100	97
DK Expose	WR3287	101	99	102	95	98	107	111	104	99	97	95	96	97	85
Murray	WR3304	107	106	98	109	103	112	111	90	106	105	103	108	122	109
Vegas	WR3306	105	105	98	112	108	109	105	103	101	104	101	104	109	111
Turing	WR3307	109	109	102	112	111	119	108	104	104	107	109	106	115	111
Devil	WR3311	100	96	91	100	103	97	103	88	88	89	-	99	104	-
Darkness	WR3312	101	99	100	96	104	99	111	90	96	92	-	99	107	-
Beatrice CL	WR3314	96	99	98	93	93	111	106	95	92	103	-	97	100	-
KWS Granos	WR3318	104	102	86	101	98	116	106	99	101	103	-	106	99	-
Attica	WR3320	107	105	100	101	109	113	105	101	105	106	105	102	97	110
LG Ancona	WR3321	103	102	96	97	101	106	101	110	98	99	-	105	107	-
LG Wagner	WR3322	104	107	109	100	103	108	113	111	105	110	111	104	101	103
Hanneli	WR3330	102	100	100	105	100	110	99	99	90	102	-	98	102	-
Tom	WR3345	102	102	98	109	101	99	102	98	104	103	-	105	100	-

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20-Dec Untreated* gross output (t/ha) - as % mean of controls									
Name	Code	19-22 mean	2022 mean	Croft NYorks	Harlexton Lincs	EHowgate MLoth	Callow Herefd	Kincardine Fife	Nether Wallop Hants
Control mean		5.24	5.62	5.00	5.77	6.26	5.16	5.84	5.69
LSD 5% (as %C)		7.6	5.7	16.4	10.6	8.0	6.8	5.5	8.6
CV%		6.1	5.0	10.9	6.1	4.2	3.8	3.2	4.7
Sowing date				24-Aug	23-Aug	26-Aug	01-Sep	31-Aug	26-Aug
Previous crop				W-wheat	S-barley	W-barley	W-wheat	W-wheat	S-barley
Soil type				Medium	D-silt	Medium	Medium	L-sand	Medium
Tillage				Shallow	Direct	Plough	Deep	Plough	Shallow
Campus (C)	WR2535	100	99	105	96	100	97	102	96
DK Expansion (C)	WR2882	99	98	92	97	99	104	96	98
Aspire (C)	WR2923	98	98	96	98	96	98	100	99
Temptation (C)	WR2957	99	99	106	103	95	96	94	105
Aurelia (C)	WR3029	105	106	101	106	111	107	108	102
V 316 OL	WR2523	96	97	86	99	106	95	98	97
PT279CL	WR2897	92	95	90	91	103	89	96	97
Crome	WR2947	97	94	85	98	100	93	99	90
PX131 (D)	WR2992	88	87	82	100	82	84	87	83
Crocodile	WR3016	98	103	106	108	102	97	104	103
Resort (D)	WR3018	89	86	72	93	91	83	86	87
Ambassador	WR3030	105	104	90	111	108	106	105	105
Acacia	WR3034	101	97	97	89	102	94	98	105
DK Imprint CL	WR3092	93	95	81	102	99	94	91	98
DK Expectation	WR3098	95	97	84	101	101	97	101	97
LG Aviron	WR3110	107	105	98	99	107	105	108	112
LG Antigua	WR3111	103	100	91	95	105	103	101	102
Respect	WR3117	102	97	85	106	102	97	91	99
PT303	WR3202	102	97	85	100	102	92	100	102
PX138 (D)	WR3208	84	82	78	85	81	85	90	73
Tennyson	WR3233	97	98	98	100	100	99	98	95
Dart	WR3243	98	96	90	99	98	100	87	103
Matrix CL	WR3244	96	99	97	98	99	95	102	104
LG Auckland	WR3250	107	109	107	101	109	110	113	111
LG Adonis	WR3251	102	102	94	94	107	100	106	109
Amarone	WR3254	101	98	96	93	97	-	103	100
Annika	WR3255	99	99	92	90	102	101	104	105
LG Constructor CL	WR3256	90	95	86	106	95	88	91	100
DK Expose	WR3287	-	-	96	102	104	105	100	95
Murray	WR3304	-	-	97	108	104	95	101	110
Vegas	WR3306	-	-	102	115	104	101	102	105
Turing	WR3307	-	-	96	99	106	107	108	103
Devil	WR3311	-	-	86	106	104	102	93	101
Darkness	WR3312	-	-	82	91	106	99	91	100
Beatrix CL	WR3314	-	-	83	91	98	91	98	107
KWS Granos	WR3318	-	-	85	106	105	105	98	105
Attica	WR3320	-	-	87	105	105	101	106	101
LG Ancona	WR3321	-	-	93	95	103	108	102	107
LG Wagner	WR3322	-	-	91	-	110	108	110	111
Hanneli	WR3330	-	-	95	97	105	105	102	97
Tom	WR3345	-	-	108	102	96	105	100	108

(C) = yield control, (D) = Described variety, *trials are treated for sclerotinia at flowering

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Name	Code	19-22 mean	2022 mean	Croft NYorks	Harlexton Lincs	EHowgate MLoth	Callow Herefd	Kincardine Fife	Nether Wallop Hants
Control mean		4.87	5.17	4.75	5.31	5.72	4.81	5.25	5.19
LSD 5% (as %C)		7.4	5.6	16.4	10.5	8.0	6.9	5.5	8.7
CV%		5.9	5.0	10.9	6.1	4.2	3.8	3.1	4.7
Sowing date				24-Aug	23-Aug	26-Aug	01-Sep	31-Aug	26-Aug
Previous crop				W-wheat	S-barley	W-barley	W-wheat	W-wheat	S-barley
Soil type				Medium	D-silt	Medium	Medium	L-sand	Medium
Tillage				Shallow	Direct	Plough	Deep	Plough	Shallow
Campus (C)	WR2535	100	100	105	97	100	96	103	96
DK Expansion (C)	WR2882	98	97	92	96	99	103	96	98
Aspire (C)	WR2923	99	98	97	99	97	98	100	99
Temptation (C)	WR2957	98	99	105	103	95	95	93	104
Aurelia (C)	WR3029	105	106	102	105	110	107	108	103
V 316 OL	WR2523	96	98	86	100	106	95	99	98
PT279CL	WR2897	93	95	90	91	103	90	97	98
Crome	WR2947	96	94	85	97	100	93	99	89
PX131 (D)	WR2992	87	87	82	101	82	84	87	83
Crocodile	WR3016	99	104	106	110	102	99	105	103
Resort (D)	WR3018	89	86	72	95	91	84	85	88
Ambassador	WR3030	105	105	90	109	109	107	105	106
Acacia	WR3034	101	98	97	88	101	96	99	106
DK Imprint CL	WR3092	95	96	83	101	99	96	94	101
DK Expectation	WR3098	96	98	84	102	101	99	102	97
LG Aviron	WR3110	108	106	98	100	107	107	108	114
LG Antigua	WR3111	103	100	92	97	104	104	101	103
Respect	WR3117	103	98	88	107	101	99	93	101
PT303	WR3202	101	98	86	100	103	93	101	101
PX138 (D)	WR3208	85	82	79	84	82	85	91	74
Tennyson	WR3233	98	98	100	99	99	99	99	96
Dart	WR3243	98	96	91	98	97	101	87	104
Matrix CL	WR3244	95	99	96	98	98	96	102	103
LG Auckland	WR3250	107	109	108	102	108	111	113	111
LG Adonis	WR3251	102	102	94	94	107	99	106	108
Amarone	WR3254	102	99	96	92	98	-	105	101
Annika	WR3255	99	99	93	90	101	101	105	105
LG Constructor CL	WR3256	91	95	88	106	95	90	93	99
DK Expose	WR3287	-	-	96	101	105	105	101	96
Murray	WR3304	-	-	99	107	103	98	103	111
Vegas	WR3306	-	-	102	115	102	101	102	106
Turing	WR3307	-	-	98	97	107	109	110	105
Devil	WR3311	-	-	86	106	103	103	94	101
Darkness	WR3312	-	-	83	92	106	100	93	101
Beatrix CL	WR3314	-	-	83	91	97	91	97	107
KWS Granos	WR3318	-	-	84	104	103	105	98	105
Attica	WR3320	-	-	88	103	105	102	106	102
LG Ancona	WR3321	-	-	92	95	102	107	101	107
LG Wagner	WR3322	-	-	91	-	108	109	110	112
Hanneli	WR3330	-	-	96	95	107	105	103	98
Tom	WR3345	-	-	107	102	96	106	101	107

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Not all varieties on the AHDB Recommended List are presented, since the focus is to test new varieties. Yields for well-established varieties on the AHDB Recommended Lists can be accessed via ahdb.org.uk/h

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Harvest results from an individual trial sites should not be used to make conclusions on individual variety performance. Recommended lists are based on information taken from trials across the UK over several seasons. As more information becomes available from the 2022 harvest, this will contribute to the overall averages, which comprise 4 years for oilseeds and 5 years for cereals. These values provide better information for comparison between varieties. When more results are available, our validation procedures will examine cross site differences further.

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