

AHDB RL harvest results - Spring oat 2023 (Final results)

27-Nov		Treated grain yield (t/ha) - as % mean of controls								
Name	Code	19-23 mean	2023 mean	Callow Herefd	Melbrn Cambs	Blkburn Aberdn	Balgonie Fife	Lnewton ScBord	L Norton Hamps	Lidgate Suffolk
Control mean		7.34	7.42	4.21	9.60	8.38	9.70	9.57	4.55	5.92
LSD 5% (as %C)		4.0	7.0	-	5.6	-	-	5.7	6.8	-
CV%		6.1	7.2	-	3.6	-	-	3.9	4.4	-
Sowing date				09-Apr	15-Feb	18-Apr	08-Apr	10-Apr	04-Apr	21-Feb
Previous crop				W-wheat	Pea	W-wheat	S-barley	W-wheat	W-rape	W-wheat
Soil type				D-silt	Medium	Medium	L-sand	L-sand	Medium	D-clay
Tillage				Deep	Plough	Plough	Plough	Plough	Shallow	Plough
Canyon (C)	SO327	101	98	93	99	100	97	95	101	102
Aspen (C)	SO359	98	100	95	100	100	98	98	110	97
WPB Isabel (C)	SO416	101	103	112	102	100	105	107	89	101
Lennon	SO324	70	73	94	72	71	74	73	62	72
Conway	SO347	97	94	99	97	97	96	98	68	92
Merlin	SO428	103	102	117	103	101	91	98	116	107
Lion	SO432	97	99	108	101	91	91	92	117	107
RGT Vaughan	SO445	96	93	105	88	93	93	93	87	94
Asterion	SO460	102	103	100	106	100	99	98	114	108
Ovation	SO462	73	73	86	72	74	79	72	53	71
Zenith	SO463	105	102	109	98	102	101	101	107	106
Caledon	SO478	107	104	115	113	96	98	92	112	114
Oliver	SO9105	74	73	83	77	74	74	72	63	65
Kamil	SO9106	68	69	88	78	66	64	61	64	65

(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

The AHDB Recommended Lists are managed by a project consortium of AHDB Cereals & Oilseeds, BSPB, UKFM and MAGB. AHDB Cereals & Oilseeds is a division of the Agriculture and Horticulture Development Board.

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 2023 harvest, this will contribute to the over trials 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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AHDB RL harvest results - Spring oat 2023 (Final results)

27-Nov		Untreated grain yield (t/ha) - as % mean of controls						
Name	Code	19-23 mean	2023 mean	Melbrn Cambs	Blkburn Aberdn	Balgonie Fife	Lnewton ScBord	Lidgate Suffolk
Control mean		6.59	7.53	8.20	6.72	7.58	9.60	5.54
LSD 5% (as %C)		5.3	6.5	10.0	-	-	4.7	-
CV%		8.2	5.5	6.3	-	-	3.1	-
Sowing date				15-Feb	18-Apr	08-Apr	10-Apr	21-Feb
Previous crop				Pea	W-wheat	S-barley	W-wheat	W-wheat
Soil type				Medium	Medium	L-sand	L-sand	D-clay
Tillage				Plough	Plough	Plough	Plough	Plough
Canyon (C)	SO327	108	106	109	105	109	102	104
Aspen (C)	SO359	94	93	93	93	88	94	100
WPB Isabel (C)	SO416	98	101	98	102	103	105	96
Lennon	SO324	72	75	78	73	78	73	74
Conway	SO347	99	99	99	94	100	103	97
Merlin	SO428	110	108	113	111	110	103	107
Lion	SO432	92	87	87	86	77	86	104
RGT Vaughan	SO445	103	99	99	102	100	100	93
Asterion	SO460	108	106	105	112	109	99	106
Ovation	SO462	76	77	77	84	82	72	68
Zenith	SO463	100	100	102	93	98	98	111
Caledon	SO478	113	113	120	114	113	104	116
Oliver	SO9105	69	69	71	70	69	68	64
Kamil	SO9106	66	67	71	68	66	65	66

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

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