

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

12-Feb Treated grain yield (t/ha) - as % mean of controls																						
Name	Code	19-23 mean	2023 mean	Kingston Devon	Adisham Kent	Oakley Hants	Smailhlm ScBord	Cousland Midloth	Fulbourn Cambs	Morley Norf	Fakenham Norf	C-creevy Down	Ellon Aber	Balgonie Fife	Gateside PrthKin	H-Fearn Highld	Cawood Yorks	Baumber Lincs	Fordoun Angus	Arbroath Angus	Hlegh Ches	H-Bridge Lanarks
Control mean		7.83	7.43	4.84	8.68	7.35	7.07	8.59	10.92	7.00	5.70	4.17	8.93	8.89	8.23	7.75	9.28	6.79	8.22	8.76	3.57	6.45
LSD 5% (as %C)		2.2	2.6	9.7	3.9	5.2	5.9	5.0	2.9	10.3	8.1	8.2	6.3	6.6	3.6	4.8	11.0	6.2	5.4	3.2	10.4	5.0
CV%		3.5	4.1	5.2	2.1	2.7	3.3	2.9	1.7	6.0	4.6	4.3	3.4	3.6	2.0	2.6	5.9	3.4	2.9	1.9	6.0	2.8
Sowing date				19-Apr	04-Apr	02-Mar	10-Apr	04-Apr	27-Feb	03-Mar	02-Mar	20-Apr	04-Apr	08-Apr	09-Apr	03-Apr	21-Feb	03-Apr	20-Apr	08-Apr	26-Apr	17-Apr
Previous crop				W-wheat	W-wheat	Unknown	S-barley	W-wheat	F-beet	S-beet	S-beet	Clover	W-barley	W-wheat	W-wheat	W-wheat	S-wheat	S-beet	S-barley	S-barley	W-wheat	W-wheat
Soil type				Medium	D-clay	Medium	Medium	Medium	Medium	Medium	Medium	Medium	L-sand	L-sand	L-sand	L-sand	L-sand	Medium	Medium	Medium	Medium	Medium
Tillage				Plough	Deep	Shallow	Plough	Plough	Plough	Plough	Plough	Plough	Plough	Plough	Plough	Plough	Deep	Plough	Plough	Plough	Plough	Plough
RGT Planet (C)	SB2691	97	96	97	97	96	93	96	95	95	92	104	96	92	96	100	100	93	98	97	99	90
Laureate (C)	SB2780	101	102	100	101	103	104	100	101	101	103	109	101	101	101	97	100	102	99	102	105	110
LG Diablo (C)	SB2907	99	99	93	97	98	97	95	99	98	103	83	102	102	103	101	101	98	102	100	91	95
Firefoxx (C)	SB3085	101	103	103	103	103	103	110	101	106	108	102	99	104	99	101	104	103	99	102	101	108
Skyway (C)	SB3206	102	101	107	102	100	103	99	104	101	95	102	101	101	102	101	95	104	103	99	103	98
KWS Sassy	SB2771	95	94	100	91	93	95	94	89	91	91	92	98	98	96	97	97	89	101	90	88	94
Fairing (D)	SB2777	91	90	90	94	91	94	89	89	82	91	107	86	87	87	91	91	96	89	87	90	86
CB Score (D)	SB3290	98	97	101	95	96	97	88	97	89	96	92	105	95	103	97	103	103	92	99	103	93
Sun King	SB3340	102	101	105	101	96	98	102	101	90	93	111	100	100	100	102	103	100	103	101	115	99
Hurler	SB3341	104	103	107	97	102	106	105	102	102	105	93	98	103	106	104	108	100	106	100	100	104
Diviner	SB3342	102	101	94	99	103	103	96	96	100	99	113	107	101	104	107	104	107	102	103	92	95
Florence	SB3353	103	101	108	104	107	102	94	105	98	108	104	99	104	101	101	98	98	100	98	104	99
KWS Curtis	SB3356	101	101	109	93	102	106	96	98	99	106	97	104	87	105	106	105	101	110	100	100	97
SY Signet	SB3376	102	103	101	105	106	96	103	101	103	106	100	101	101	102	106	114	100	101	105	100	101
SY Tennyson	SB3377	102	97	101	102	102	93	95	93	87	94	101	95	96	97	100	94	106	102	103	95	95
NOS Munro	SB3427	103	102	105	105	106	102	98	95	104	99	99	104	103	105	104	102	103	104	102	104	97
NOS Gambit	SB3428	103	104	116	105	107	104	99	101	104	105	123	100	105	101	104	102	107	100	98	103	100
RGT Celest	SB3430	102	101	112	102	98	99	101	102	99	97	103	100	88	101	104	107	105	103	101	100	98
RGT Eclipse	SB3432	100	98	91	98	99	99	94	98	96	98	112	96	101	97	100	99	98	94	98	97	99
LG Aquarius	SB3441	103	102	109	103	106	98	99	103	99	101	110	102	101	100	101	112	103	99	98	105	89
Olsen	SB3444	102	101	103	103	110	104	103	105	105	103	97	100	88	105	100	97	99	105	102	100	97
Rocker	SB3447	101	101	101	102	103	97	98	95	105	106	102	104	101	103	105	106	104	104	102	85	95
Belter	SB3451	103	103	106	102	102	101	100	108	101	108	100	110	103	104	103	101	101	101	103	99	102
Bounty	SB3453	105	103	106	104	110	94	97	102	103	108	103	109	101	105	105	109	107	97	107	98	96
KWS Nelis	SB3466	102	100	99	97	104	91	97	102	100	104	103	108	102	100	104	92	98	106	101	97	95

(C) = yield control, (D) = described variety
 Yield data for the variety SY Tennyson, under test for brewing and distilling, was previously not included in Harvest Results for 2023. Seed used for trials was infected with high levels of seed borne net blotch, leading to high levels of foliar disease in the field reduced yields in some trials. However, having reviewed the data the RL Board have decided to reinstate the data. For further information please contact kathryn.hamlen@syngenta.com

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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