

Spring barley trials harvest 2024

Candidate varieties



Previous/proposed name	Variety ID	Yield treated (T)	Yield treated (T) – East	Yield treated (T) – West	Yield treated (T) – North	Yield untreated (UT) (% treated control)	Mildew (1–9)	Brown rust (1–9)	Rhynchosporium (1–9)	Lodging % (UT)	Lodging % (T)	Straw length (cm) (UT)	Ripening (days +/- RGT Planet)	Brackling % (T)	Specific weight (kg/hl)	UK contact	
Control varieties																	
RGT Planet	LSB0769-3306	2691	97	97	96	97	83	8	4	6	-	-	74	0	9	69.5	RAGT Seeds
Laureate	SY412-328	2780	101	101	104	100	89	9	5	7	-	-	70	+2	9	67.8	Syngenta UK Ltd
LG Diablo	LGBU13-1624-A	2907	99	99	96	100	83	8	5	6	-	-	72	+3	6	68.7	Limagrain UK
Firefoxx	AC16/03	3085	102	102	102	102	86	8	4	6	-	-	71	+1	6	68.0	Elsoms Ackermann Barley
Skyway	NOS112.430-22	3206	101	102	103	101	86	8	4	7	-	-	76	+1	12	70.0	Agrii
Selected as potential malting varieties																	
Firecracker	SC21-G287-046	3529	Data cannot be published as variety has not completed GB and NI Variety Lists testing													Agrii	
Thunder	SC21-G287-086	3530	Data cannot be published as variety has not completed GB and NI Variety Lists testing													Agrii	
Ptarmigan	SC21-G3208-040	3531	103	[103]	[104]	[103]	89	9	4	7	-	-	73	[+1]	7	69.3	Agrii
AC 18/778/31	Admire	3538	Data cannot be published as variety has not completed GB and NI Variety Lists testing													Elsoms Ackermann Barley	
KWS Enduris	KWS 20/3443	3544	102	[102]	[103]	[101]	91	8	5	7	-	-	76	[+1]	6	68.3	KWS UK
LG Crossbow	LGBU21-3131-A	3553	103	[104]	[105]	[102]	87	8	3	7	-	-	68	[+1]	7	66.9	Limagrain UK
LGBU21-3154-A	LG Interceptor	3555	Data cannot be published as variety has not completed GB and NI Variety Lists testing													Limagrain UK	
NOS Tucana	NOS116.025-03	3565	101	[101]	[107]	[99]	87	9	4	6	-	-	71	[+1]	9	67.7	Senova
SJ204211	Nolan	3567	Data cannot be published as variety has not completed GB and NI Variety Lists testing													Senova	
SY Arrow	SY421164	3571	102	[103]	[103]	[101]	86	9	6	7	-	-	74	[+1]	11	68.1	Syngenta UK Ltd
Described candidate varieties																	
Sailer	CB20-0937	3524	97	[98]	[102]	[96]	84	8	5	6	-	-	73	[+1]	11	67.6	ADM Agriculture Ltd
Mean of controls (t/ha)			7.9	8.2	6.8	8.2	7.9	-	-	-	-	-	-	-	-	-	
Overall mean			-	-	-	-	-	-	-	-	-	-	71	132	21	68.2	
LSD 5%			2.8	3.5	5.8	2.8	3.5	-	-	-	-	-	1.9	1.2	-	0.9	
Number of trials (for candidate varieties)			18	6	3	9	12	-	-	-	-	-	12	6	11	10	

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

The 1–9 ratings are not comparable to those used in the RL table.

Lodging % data is not presented due to lack of data.

See the AHDB RL for full data on control varieties.

Candidate varieties will be considered for the RL 2025.

Sailer lacks a gene for lipogenase production (a Null-Lox variety).

These summaries are derived from GB and NI Variety Lists (VL) and BSPB trials. Acknowledgement is made to APHA and BSPB for the use of the data.

Varieties are ordered within a group by ascending variety ID.

T = Data from trials treated with fungicide

UT = Data from trials without fungicide or plant growth regulator (PGR)

[] = Limited data

LSD = Least significant difference

LSD 5%: Varieties that are more than one LSD apart are significantly different at the 95% confidence level