


Winter barley trials harvest 2022

Candidate varieties

		Previous /proposed name	Variety ID	Yield treated (T)	Yield untreated (UT) (% treated controls)	Lodging % (UT)	Lodging % (T)	Brackling % (T)	Height (cm) (UT)	Maturity (days +/- KWS Orwell)	Mildew (1-9)	Brown rust (1-9)	Rhynchosporium (1-9)	Net blotch (1-9)	BaYMV	Variety type	Specific weight (kg/hl)	UK contact
Control varieties																		
Bazooka	SY212-118	2737	105	86	[5]	8	16	105	0	5	5	6	5	R	6-row hybrid	69.6	Syngenta UK Ltd	
Craft	SY212-128	2743	95	82	[2]	1	10	87	0	6	7	6	6	R	2-row	69.8	Syngenta UK Ltd	
Funky	MH08KU37	2807	103	88	[3]	2	13	86	-1	5	7	6	5	R	6-row	69.1	KWS UK	
Electrum	SY614009	2886	96	81	[7]	5	7	[88]	-1	6	7	6	5	R	2-row	69.4	Syngenta UK Ltd	
LG Mountain	LGBU14-6669	2976	101	86	[4]	3	23	81	-1	5	7	6	5	R	2-row	70.2	Limagrain UK	
Selected as potential malting varieties																		
Buccaneer	SJ172271	3321	101	[88]	[5]	[4]	5	87	+1	6	8	8	-	R	2-row	69.1	Saaten Union UK	
Selected as potential feed varieties																		
LG Caravelle	LGBU18-6531	3305	107	[90]	[2]	[3]	7	81	0	7	7	7	-	R	2-row	71.0	Limagrain UK	
LG Campus	LGBU16-6042-B	3306	104	[88]	[8]	[4]	8	85	+1	4	7	7	-	R	2-row	69.0	Limagrain UK	
Bolivia	NOS915.045-51	3327	103	[90]	[3]	[2]	12	86	0	8	9	6	-	R	2-row	69.1	Agrii	
SY Nephin	SY218651	3299	106	[89]	[5]	[6]	19	98	0	6	6	8	-	R	6-row hybrid	70.7	Syngenta UK Ltd	
Mean of controls (t/ha)			9.3	9.3	-	-	-	-	288	-	-	-	-	-	-	-	-	-
Overall mean			-	-	5.8	3.5	10.1	88	-	-	-	-	-	-	-	-	69.3	-
LSD 5%			4.6	4.7	6.2	-	-	7.7	5.3	-	-	-	-	-	-	-	0.8	-
Number of trials (for candidate varieties)			18	9	3	8	13	8	12	-	-	-	-	-	-	-	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 on the Recommended List table.

Net blotch (1-9) ratings are not presented as there were no ratings for the candidate varieties.

See the AHDB Recommended List for full data on control varieties.

Candidate varieties will be considered for the 2023/24 AHDB Recommended List.

These summaries are derived from National List and BSPB trials. Acknowledgement is made to APHA and BSPB for the use of the data.

T = Data from trials treated with fungicide and Plant growth regulator (PGR)

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

[] = Limited data

R = Believed to be resistant to *Barley mild mosaic virus* (BaMMV) and to *Barley yellow mosaic virus* (BaYMV) strain 1, but this has not been verified in Recommended List tests

LSD = Least significant difference

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