

Winter barley trials harvest 2024

Candidate varieties

Previous/proposed name	Variety ID	Yield treated (T) – UK	Yield treated (T) – East	Yield treated (T) – West	Yield treated (T) – North	Yield untreated (UT) (% treated controls)	Mildew (1–9)	Brown rust (1–9)	Rhynchosporium (1–9)	Net blotch (1–9)	BaYMV 1	BaYMV 2	BaMMV	BYDV tolerance	Lodging % (T)	Lodging % (UT)	Brackling % (T)	Straw length (cm) (UT)	Ripening (days +/- KWS Orwell)	Specific weight (kg/hl)	Variety type	UK contact	
Control varieties																							
Craft	SY212-128	2743	92	91	[92]	92	83	6	7	6	5	R	-	R	-	[0]	[1]	9	[89]	0	70.3	Two-row	Syngenta UK Ltd
Electrum	SY614009	2886	97	98	[97]	95	85	6	7	5	5	R	-	R	-	[3]	[1]	10	[89]	-1	70.7	Two-row	Syngenta UK Ltd
SY Kingsbarn	SY 214286	2945	108	108	[110]	108	85	7	5	7	5	R	-	R	-	[1]	[3]	17	[106]	-1	70.9	Six-row hybrid	Syngenta UK Ltd
KWS Tardis	KWSB134	3120	102	102	[100]	104	88	5	6	6	6	R	-	R	-	[0]	[0]	5	[83]	0	70.8	Two-row	KWS UK
KWS Feeris	KM13CO24	3222	101	101	[101]	[101]	84	5	6	6	6	R	-	R	Y	[0]	[4]	19	[98]	0	69.7	Six-row	KWS UK
Selected as potential feed varieties																							
Integral	SC 104465 UH	3476	105	104	[109]	[103]	[92]	4	6	6	5	R	-	R	Y	[0]	[0]	6	[95]	[-1]	70.5	Six-row	Agrii
NOS 917.034-53	Russo	3479	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Agrii	
Bastion	NOS 917.003-66	3481	104	105	[101]	[105]	[93]	5	7	6	5	R	-	R	-	[0]	[2]	9	[89]	[0]	70.8	Two-row	Agrovista UK Ltd
AC 15/455/57	Sixy	3483	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Elsoms Ackermann Barley	
AC 17/089/50	Rosemary	3485	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Elsoms Ackermann Barley	
LG Carpenter	LGBU19-7269-D	3487	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Limagrain UK	
Br12938p2	Kitty	3494	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Senova	
NOS917.039-67	NOS Olena	3495	105	105	[102]	[106]	[89]	6	6	6	6	R	-	R	-	[0]	[0]	5	[85]	[1]	70.7	Two-row	Senova
NOS917.049-59	Organa	3496	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Senova	
SU Arion	NORD 19042/16	3500	106	107	[103]	[103]	[90]	8	6	6	6	R	-	R	-	[4]	[1]	21	[90]	[0]	69.7	Two-row	Saaten Union UK
SU Newmarket	NORD 18139/27	3502	105	106	[102]	[104]	[95]	8	7	3	5	R	R	R	-	[1]	[6]	15	[88]	[-2]	71.6	Two-row	Saaten Union UK
SY Quantock	SY221180	3505	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Syngenta UK Ltd	
SY Kestrel	SY221200	3507	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Syngenta UK Ltd	
STRG 283/18	Aretha	3510	Data cannot be published as variety has not completed GB and NI Variety Lists testing																			Cope Seeds & Grain	
KWS Valencis	KWS B154	3514	105	106	[103]	[103]	[92]	6	7	6	5	R	-	R	-	[0]	[0]	8	[88]	[-1]	70.6	Two-row	KWS UK
KWS Heraclis	KWS B157	3517	105	106	[103]	[107]	[93]	5	6	5	5	R	-	R	-	[0]	[0]	4	[83]	[0]	70.5	Two-row	KWS UK
Inys	KW 21-1961	3521	109	109	[114]	[106]	[93]	7	6	6	6	R	-	R	-	[0]	[0]	7	[105]	[-1]	69.6	Six-row hybrid	KWS UK
Mean of controls (t/ha)		10.0	9.6	9.5	11.4	10.0	-	-	-	-	-	-	-	-	-	-	-	93	-	70.6			
Overall mean		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LSD 5%		3.2	4.1	8.2	5.1	5.0	-	-	-	-	-	-	-	-	-	-	-	6.9	1.1	0.8			
Number of trials (for candidate varieties)		15	10	2	3	8	-	-	-	-	-	-	-	-	-	-	-	6	8	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.

See the AHDB RL for full data on control varieties.

Candidate varieties will be considered for the RL 2025/26.

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 and plant growth regulator (PGR)

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

[] = Limited data

R = Believed to be resistant to the trait, but this has not been verified in RL tests

Y = Believed to be tolerant to the trait, but this has not been verified in RL tests

LSD = Least significant difference

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

