

Winter barley varieties grown in RL trials in 2024 but not added to the AHDB Recommended List

	Sy Kingsbarn#	KWS Tardis	KWS Feeris	Electrum	Craft	Basiton	Atetha	SU Newmarket	Average LSD (5%)
	Control varieties					Two-row feed			
Fungicide-treated grain yield (% treated control)									
United Kingdom (9.6 t/ha)	107	103	102	96	93	104	103	103	2.8
East region (9.4 t/ha)	106	104	102	96	93	106	105	104	3.3
West region (9.6 t/ha)	108	101	102	96	93	[100]	[101]	[100]	5.0
North region (10.4 t/ha)	107	104	101	96	93	[104]	[103]	[103]	4.1
Untreated grain yield (% treated control)									
United Kingdom (9.6 t/ha)	82	85	84	80	81	89	87	92	4.3
Disease resistance									
Mildew (1–9)	7	5	5	6	6	5	6	8	1.2
Brown rust (1–9)	5	6	6	7	7	7	7	7	0.9
Rhynchosporium (1–9)	7	6	6	5	6	4	7	4	1.1
Net blotch (1–9)	5	6	6	6	5	6	6	6	0.9
BaYMV2	-	-	-	-	-	-	R	R	
Agronomic features									
Resistance to lodging without PGR (1–9)	6	8	8	7	8	[7]	[6]	[6]	1.7
Resistance to lodging with PGR (1–9)	6	8	7	6	8	7	7	6	1.2
Straw length without PGR (cm)	113	93	100	99	96	90	95	93	3.8
Straw length with PGR (cm)	105	85	96	91	90	88	88	86	2.2
Ripening (days +/- KWS Orwell)	-1	0	0	-1	0	0	-1	-1	0.7
Main market options									
MBC malting approval for brewing use	-	-	-	F	F	-	-	-	
Grain quality									
Specific weight (kg/hl)	70.2	70.1	69.1	69.8	69.7	70.3	69.9	71.0	0.8
Screenings (% through 2.25 mm)	1.5	1.9	1.7	2.5	2.4	2.1	1.6	1.9	0.6
Screenings (% through 2.5 mm)	5.4	5.5	5.8	7.1	7.2	5.7	4.3	5.0	1.7
Nitrogen content (%)	-	-	1.74	1.71	1.68	-	-	-	0.09
Breeder/UK contact									
Breeder	SyP	KWS	KWS	SyP	SyP	NS	Eng	Nord	
UK contact	Syn	KWS	KWS	Syn	Syn	AgV	COPE	SU	

This table should be read in conjunction with the winter barley RL 2025/26.

Sixy is believed to be tolerant to *Barley yellow dwarf virus* (BYDV), but this has not been verified in RL tests.

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

Comparisons of varieties across regions are not valid.

All winter barley varieties on this list are believed to be resistant to *Barley yellow mosaic virus* strain 1 (BaYMV1) and *Barley mild mosaic virus* (BaMMV).

= Hybrid variety
PGR = Plant growth regulator
[] = Limited data

MBC = Malting Barley Committee
F = Full MBC approval
R = Believed to be resistant; as this is a breeders' claim, this has not been verified in RL tests

LSD = Least significant difference
Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level

AgV = Agrovista UK Ltd (agrovista.co.uk)
COPE = Cope Seeds & Grain (copeseeds.co.uk)
Eng = Saatzucht Streng-Engelen

KWS = KWS UK (kws-uk.com)
Nord = Nordsaat, Germany (nordsaat.de)
NS = Nordic Seed, Denmark (nordicseed.com)

SU = Saaten Union UK (saaten-union.co.uk)
Syn = Syngenta UK Ltd (syngenta.co.uk)
SyP = Syngenta Participations AG (syngenta.co.uk)