AHDB RECOMMENDEDLISTS

Winter barley 2025/26

AHDB RECOMMENDED

	Buccaneer	Electrum	Craft	KWS Valencis	LG Caravelle	LG Capitol	Russo	NOS Olena	KWS Heracilis	Kitty	Rosemary	SU Arion	KWS Tardis	Bolivia	Bolton	Organa	LG Carpenter	Valerie	Inys#	SY Quantock#	SY Kingston#	SY Kingsbarn#	SY Canyon#	Integral	Sixy	SY Nephin#	SY Kestrel#	Belfry#	KWS Feeris	Average LSD (5%)
End-use group	Two-row malting			Two-row feed															Six-row feed											
Scope of recommendation	UK	UK	UK	UK	UK	UK	E	UK	N	UK	N	E&N	UK	UK	UK	UK Sp	E&W Sp	UK	UK	UK	UK	UK	UK	UK Sp	UK Sp	UK	UK Sp	UK	UK Sp	
Variety status		*C	C	NEW			NEW	NEW	NEW	NEW	NEW	NEW	C	*		NEW	NEW		NEW	NEW	*	C		NEW	NEW		NEW	*	C	
Fungicide-treated grain yield (% treated control)																														
United Kingdom (9.6 t/ha)	99	96	93	106	106	106	106	106	104	104	104	104	103	103	102	102	102	99	109	109	107	107	106	105	105	105	104	104	102	2.8
East region (9.4 t/ha)	100	96	93	107	107	107	108	106	105	104	106	107	104	104	104	105	104	99	109	106	107	106	105	105	104	106	102	104	102	3.3
West region (9.6 t/ha)	98	96	93	[104]	105	[104]	[105]	[103]	[102]	[102]	[100]	[99]	101	100	101	[100]	[101]	97	[112]	[112]	108	108	106	[107]	[105]	103	[108]	104	102	5.0
North region (10.4 t/ha)	99	96	93	[106]	104	105	[103]	[108]	[108]	[108]	[106]	[105]	104	103	101	[100]	[97]	100	[106]	[109]	105	107	106	[103]	[107]	104	[104]	104	101	4.1
Untreated grain yield (% treated control)																														
United Kingdom (9.6 t/ha)	89	80	81	91	91	90	90	87	91	81	90	86	85	88	87	90	92	73	90	93	85	82	91	91	75	91	86	85	84	4.3
Disease resistance																														
Mildew (1–9)	6	6	6	6	7	6	5	6	6	6	5	8	5	8	6	6	6	7	7	7	8	7	7	4	7	6	7	6	5	1.2
Brown rust (1–9)	8	7	7	7	7	7	6	6	7	5	7	6	6	8	7	7	7	4	6	6	6	5	6	6	5	6	6	6	6	0.9
Rhynchosporium (1–9)	6	5	6	6	6	6	5	6	5	7	6	6	6	6	5	7	7	6	6	7	7	7	7	6	6	7	7	7	6	1.1
Net blotch (1–9)	6	6	5	6	6	5	6	6	5	6	6	7	6	6	6	5	7	6	5	6	5	5	5	6	5	6	6	5	6	0.9
BaYMV2	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	-	-	-	-	
BYDV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	To	To	-	-	-	-	-	-	To	To	-	R	-	To	
WDV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	To	-	-	
Agronomic features																														
Resistance to lodging without PGR (1–9)	7	7	8	[6]	7	7	[7]	[6]	[7]	[8]	[5]	[7]	8	7	8	[6]	[5]	8	[8]	[7]	6	6	6	[8]	[8]	7	[8]	7	8	1.7
Resistance to lodging with PGR (1–9)	7	6	8	8	8	7	7	8	8	8	7	6	8	7	8	7	6	8	8	7	6	6	6	8	8	6	7	8	7	1.2
Lodging without PGR (%)	7	5	2	[11]	4	4	[9]	[12]	[5]	[2]	[30]	[8]	2	8	2	[19]	[30]	3	[1]	[4]	17	18	11	[1]	[1]	9	[2]	7	2	-
Lodging with PGR (%)	4	4	1	1	2	3	3	1	1	1	2	4	1	2	1	3	6	1	1	2	7	6	6	1	2	6	2	1	2	-
Straw length without PGR (cm)	96	99	96	93	91	88	92	92	89	94	98	92	93	91	92	106	97	92	114	112	117	113	116	102	105	111	116	110	100	3.8
Straw length with PGR (cm)	91	91	90	88	85	84	88	86	85	86	88	89	85	88	84	99	93	87	106	106	109	105	108	95	101	104	106	104	96	2.2
Brackling (%)	5	12	13	8	11	12	17	6	4	3	9	27	7	22	11	20	17	11	7	13	23	20	15	4	6	26	9	13	13	-
Ripening (days +/- KWS Orwell)	+1	-1	0	0	0	0	0	0	0	+2	+1	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0	+1	-1	-1	-1	0	0.7
Main market options																														
MBC malting approval for brewing use	F	F	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grain quality																														
Specific weight (kg/hl)	69.5	69.8	69.7	69.8	71.4	69.9	69.9	69.6	69.4	72.7	69.1	68.8	70.1	69.9	69.4	69.6	70.3	70.6	69.3	70.4	70.2	70.2	71.1	69.4	66.7	70.9	68.7	69.2	69.1	0.8
Screenings (% through 2.25 mm)	2.3	2.5	2.4	2.1	1.8	2.0	1.9	2.1	2.3	1.7	2.6	1.5	1.9	1.5	1.7	2.2	1.9	1.1	1.7	2.8	2.7	1.5	1.9	1.7	2.8	3.2	1.5	2.8	1.7	0.6
Screenings (% through 2.5 mm)	6.6	7.1	7.2	6.1	5.1	5.9	5.5	6.1	6.7	4.4	8.5	4.1	5.5	3.9	5.1	5.9	5.7	2.7	5.9	9.5	8.7	5.4	6.1	5.2	9.1	11.0	4.4	9.2	5.8	1.7
Nitrogen content (%)	1.68	1.71	1.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.74	0.09
Malting quality																														
Hot water extract (l deg/kg)	307.6	306.4	307.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	295.4	1.9
Annual treated yield (% control)																														
2020 (9.3 t/ha)	101	96	94	-	107	-	-	-	-	-	-	-	103	104	104	-	-	99	-	-	107	106	105	-	-	104	-	105	102	-
2021 (9.8 t/ha)	98	96	94	-	104	105	-	-	-	-	-	-	103	101	101	-	-	98	-	-	105	106	106	-	-	105	-	103	102	-
2022 (9.9 t/ha)	99	96	92	105	106	106	105	106	106	105	105	104	102	105	102	102	102	100	109	109	107	108	107	105	105	104	105	105	103	-
2023 (10.0 t/ha)	98	97	92	105	104	105	105	105	104	106	104	104	103	102	101	100	101	100	109	109	107	109	106	105	105	104	105	105	100	-
2024 (9.8 t/ha)	98	96	93	106	105	105	104	106	104	103	103	102	103	101	101	101	99	98	108	108	106	106	105	105	106	104	105	103	102	-
Soil type (about 50% of trials are medium soils)																														
Light soils (9.8 t/ha)	98	95	94	[108]	104	105	[104]	[109]	[105]	[106]	[106]	[107]	103	104	103	[97]	[98]	100	[107]	[109]	106	106	106	[102]	[110]	105	[104]	104	102	4.5
Heavy soils (9.0 t/ha)	100	97	94	[107]	106	[110]	[105]	[106]	[106]	[104]	[105]	[105]	106	104	105	[103]	[105]	100	[108]	[108]	102	103	101	[105]	[102]	103	[100]	100	100	5.7
Breeder/UK contact																														
Breeder	Sej	SyP	SyP	KWS	LimEur	Lim	NS	NS	KWS	Bre	Ack	Nord	KWS	NS	Ack	NS	LimEur	Bre	SCP	SCP	SyP	SyP	SyP	Sec	Ack	SyP	SCP	SyP	KWS	
UK contact	SU	Syn	Syn	KWS	Lim	Lim	Agr	Sen	KWS	Sen	ElsAck	SU	KWS	Agr	ElsAck	Sen	Lim	Sen	KWS	Syn	Syn	Syn	Syn	Sec	ElsAck	Syn	Syn	Syn	KWS	
Status in RL system																														
Year first listed	23	18	16	25	23	24	25	25	25	25	25	25	21	23	21	25	25	19	25	25	21	19	22	25	25	23	25	16	22	
RL status	-	*	-	P1	-	P2	P1	P1	P1	P1	P1	P1	-	*	-	P1	P1	-	P1	P1	*	-	-	P1	P1	-	P1	*	-	

Varieties no longer listed: Bazooka, Bordeaux, KWS Orwell, LG Dazzle, LG Mountain, Lightning, SY Buzzard and SY Thunderbolt.
Integral, KWS Feeris, LG Carpenter, Organa, Sixy and SY Kestrel have a specific recommendation for resistance or tolerance to *Barley yellow dwarf virus* (BYDV). Resistance and tolerance to BYDV has not been verified in RL tests.
Growers are strongly advised to check with their buyer before committing to a malting variety without full MBC approval.
All winter barley varieties in RL 2025/26 are believed to be resistant to *Barley yellow mosaic virus* strain 1 (BaYMV1) and *Barley mild mosaic virus* (BaMMV).

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).
Comparisons of variety performance across regions are not valid.

UK = Recommended for the UK
E = Recommended for the East region
W = Recommended for the West region
N = Recommended for the North region
Sp = Specific recommendation

C = Yield control
* = Variety no longer under test in RL trials
# = Hybrid variety
PGR = Plant growth regulator
[ ] = Limited data

R = Believed to be resistant; as this is a breeders' claim, this has not been verified in RL tests
To = Believed to be tolerant; as this is a breeders' claim, this has not been verified in RL tests
WDV = Wheat dwarf virus

MBC = Malting Barley Committee
F = Full MBC approval
P1 = First year of listing
P2 = Second year of listing

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

Ack = Ackermann Saatzucht GmbH (**sz-ackermann.de**)
Agr = Agrii (**agrii.co.uk**)
Bre = Saatzucht Josef Breun, Germany (**breun.de**)

ElsAck = Elsoms Ackermann Barley (**elsoms.com**)
KWS = KWS UK (**kws-uk.com**)
Lim = Limagrain UK (**lgseeds.co.uk**)

LimEur = Limagrain Europe SA (**lgseeds.co.uk**)
Nord = Nordsaat, Germany (**nordsaat.de**)
NS = Nordic Seed, Denmark (**nordicseed.com**)

SCP = Syngenta Crop Protection (**syngenta-crop.co.uk**)
Sec = Secobra, France (**secobra.fr/en/accueil**)
Sej = Sejet, Denmark (**sejet.com**)

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