

# AHDB Recommended List

## Winter barley varieties grown in RL trials in 2020 but not added to the AHDB Recommended List

	Control varieties					Other varieties					Average LSD (5%)
	Craft	SY Venture	KWS Orwell	Bazooka \$	Funky	KWS Oasis	Pixie	SU Laubella	Chester	SY Armadillo \$	
<b>AHDB</b>											
<b>Fungicide-treated grain yield (% treated control)</b>											
United Kingdom (9.7 t/ha)	96	93	102	106	104	104	104	103	97	106	2.6
East region (9.5 t/ha)	96	93	102	106	103	105	106	103	98	106	3.3
West region (9.8 t/ha)	95	92	102	105	105	[105]	[101]	[102]	[96]	[104]	4.0
North region (9.8 t/ha)	96	94	101	105	104	101	105	104	94	107	3.8
<b>Untreated grain yield (% treated control)</b>											
United Kingdom (9.7 t/ha)	76	67	80	85	88	83	81	83	82	85	5.1
<b>Main market options</b>											
MBC malting approval for brewing use	F	O	-	-	-	-	-	-	-	-	
<b>Grain quality</b>											
Specific weight (kg/hl)	69.5	69.9	68.1	69.2	69.0	68.6	69.5	68.3	69.9	68.4	0.8
Screenings (% through 2.25 mm)	2.1	3.6	2.1	2.5	4.4	2.1	1.9	2.1	1.7	2.2	0.7
Screenings (% through 2.5 mm)	6.6	11.8	6.3	8.7	16.1	6.8	6.3	7.2	5.4	7.5	1.8
Nitrogen content (%)	1.67	1.66	-	-	-	-	-	-	1.76	-	0.08
<b>Agronomic features</b>											
Resistance to lodging (1–9)	8	7	8	7	8	7	8	7	8	7	-
Straw height without PGR (cm)	93	88	89	117	96	[92]	[86]	[95]	[88]	[113]	5.0
Straw height with PGR (cm)	89	84	86	110	92	88	84	85	81	111	3.0
Ripening (+/-KWS Orwell, -ve = earlier)	+1	0	0	0	-1	0	0	-1	0	0	1.1
<b>Disease resistance</b>											
Mildew (1–9)	6	5	3	5	5	5	6	8	6	5	1.0
Brown rust (1–9)	6	6	7	5	7	7	6	7	8	6	1.4
Rhynchosporium (1–9)	6	5	6	6	7	6	6	7	4	7	1.1
Net blotch (1–9)	6	5	5	6	5	[5]	[5]	[6]	[6]	[5]	1.0
BaYMV	R	R	R	R	R	R	R	R	-	R	-

This table should be read in conjunction with the AHDB Recommended List of winter barley varieties for 2021/22. 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.

\$ = Hybrid variety  
 [ ] = Limited data  
 F = Full MBC approval  
 O = No longer approved by MBC

PGR = Plant growth regulator  
 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  
 Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level