

AHDB Recommended List

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



	Control varieties					Other varieties			
	Cosmopolitan	LG Diablo	Laureate	RGT Planet	Propino	SY Fable	LG Mermaid	Harrison	Average LSD (5%)
Fungicide-treated grain yield (% treated control)									
United Kingdom (7.5 t/ha)	102	102	101	100	95	102	104	103	1.9
East region (7.5 t/ha)	102	103	102	99	94	101	103	103	3.1
West region (7.1 t/ha)	102	100	102	100	96	[101]	[103]	[104]	3.5
North region (7.7 t/ha)	102	103	100	99	95	103	104	102	2.6
Untreated grain yield (% treated control)									
United Kingdom (7.5 t/ha)	93	94	93	91	82	93	94	92	3.0
Main market options									
MBC malting approval for brewing use	P	F	F	F	O	T	-	-	
MBC malting approval for malt distilling use	-	F	F	N	N	T	-	-	
MBC malting approval for grain distilling use	-	-	-	N	N	-	-	-	
Grain quality									
Specific weight (kg/hl)	66.2	66.9	66.3	67.8	68.1	66.8	68.2	66.7	0.6
Screenings (% through 2.25 mm)	1.6	1.6	1.6	1.4	1.0	2.1	1.6	1.4	0.3
Screenings (% through 2.5 mm)	3.7	3.9	3.8	3.8	2.2	5.4	4.1	3.3	0.7
Nitrogen content (%)	1.48	1.48	1.51	1.51	1.60	1.45	[1.55]	[1.51]	0.06
Agronomic features									
Resistance to lodging (no PGR) (1-9)	7	7	7	7	7	6	7	7	0.5
Straw height (cm)	70	72	70	73	75	72	72	71	1.6
Ripening (+/-Concerto, -ve = earlier)	+1	+2	+1	0	0	+1	+2	+1	0.9
Resistance to brackling (1-9)	7	8	8	8	8	7	8	8	0.9
Disease resistance									
Mildew (1-9)	9	9	9	9	6	9	9	9	0.4
Brown rust (1-9)	4	5	5	5	5	-	-	-	1.3
Rhynchosporium (1-9)	6	5	6	5	5	-	-	-	3.0

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

[] = limited data
PGR = Plant growth regulator

F = Full MBC approval in this segment
N = Not approved by MBC in this segment
O = No longer approved by MBC in this segment
P = Provisional MBC approval in this segment
T = Under test for MBC approval in this segment

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