

AHDB Recommended List

Spring wheat 2021



	Mulika	KWS Cochise	KWS Giraffe	KWS Chihnam	WPB Escape	KWS Talister	Hexham	KWS Kilburn	Average LSD (5%)
End-use group	UKFM Group 1	UKFM Group 2			Hard Group 4				
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	
	C	C			NEW				
UK yield as % control (spring sowing)									
Fungicide-treated (6.8 t/ha)	94	106	103	100	107	105	105	103	3.6
Untreated (% treated control) (6.8 t/ha)	[82]	[84]	-	[87]	-	[92]	[96]	[82]	10.3
UK yield as % control (autumn sowing)									
Fungicide-treated (9.1 t/ha)	96	103	[104]	101	[104]	102	106	-	5.0
Grain quality (spring sowing)									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.6	13.2	13.6	13.0	12.5	12.5	12.7	13.2	0.3
Hagberg Falling Number	321	239	296	329	264	278	275	270	23.8
Specific weight (kg/hl)	77.4	79.0	79.8	78.4	77.0	79.2	77.8	76.1	0.8
Agronomic features (spring sowing)									
Resistance to lodging with PGR ∞	-	-	-	-	-	-	-	-	-
Straw height without PGR (cm)	80	81	78	77	77	83	81	82	2.1
Ripening +/- Mulika, -ve = earlier)	0	+1	+1	0	+2	+1	+2	+3	1.4
Resistance to sprouting ∞	-	-	-	-	-	-	-	-	-
Disease resistance									
Mildew (1-9)	7	8	[8]	[7]	[8]	[8]	[6]	[7]	1.6
Yellow rust (1-9)	7	4	6	7	8	9	9	5	0.9
Brown rust (1-9) ∞	-	-	-	-	-	-	-	-	-
Septoria tritici (1-9)	6	6	5	7	[6]	6	7	6	1.2
Orange wheat blossom midge	R	R	-	R	-	-	-	-	-
Annual treated yield (% control, spring sowing)									
2016 (8.5 t/ha)	[93]	[102]	-	[99]	-	[104]	[106]	[103]	8.0
2017 (7.3 t/ha)	93	107	[103]	102	-	[105]	[103]	102	3.7
2018 (5.5 t/ha)	[95]	[107]	[107]	[99]	[113]	[105]	[100]	[100]	6.0
2019 (6.9 t/ha)	94	107	102	98	106	105	105	100	4.7
2020 (6.2 t/ha)	[98]	[105]	[101]	[103]	[107]	[106]	[109]	[107]	5.1
Breeder/UK contact									
Breeder	BA	KWS	KWS	KWS	WPB	KWS	KWS	KWS	
UK contact	Sen	KWS	KWS	KWS	LSPB	KWS	Sen	KWS	
Status in RL system									
Year first listed	11	17	20	17	21	19	19	14	
RL status	-	-	P2	-	P1	-	-	-	

Varieties no longer listed: KWS Alderon.

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

UKFM = UK Flour Millers
 UK = Recommended for the UK
 C = Yield control (for the current table). For this table, KWS Alderon was also a control but is no longer listed
 [] = Limited data
 PGR = Plant growth regulator

∞ = No ratings available
 R = Believed to be resistant to orange wheat blossom midge (OWBM), but this has not been verified in Recommended List tests
 P1 = First year of recommendation
 P2 = Second year of recommendation

BA = Blackman Agriculture
 KWS = KWS UK (kws-uk.com)
 LSPB = LS Plant Breeding (lspb.eu)
 Sen = Senova (senova.uk.com)
 WPB = Wiersum Plant Breeding

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