

AHDB Recommended List

Spring wheat (for spring sowing) 2020



	Mulika	KWS Cochise	KWS Giraffe	KWS Chilham	KWS Talisker	Hexham	KWS Alderon	KWS Kilburn	Average LSD (5%)
End-use group	nabim Group 1	nabim Group 2			Hard Group 4				
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	
	C	C	NEW					C	
UK yield as % control (spring sowing)									
Fungicide-treated (7.2 t/ha)	94	105	103	99	104	103	101	101	3.0
Untreated (% treated control) (7.2 t/ha)	[79]	[82]	-	[85]	[89]	[93]	[83]	[80]	8.1
UK yield as % control (autumn sowing)									
Fungicide-treated (9.2 t/ha)	96	103	[104]	101	102	106	101	[103]	5.5
Grain quality (spring sowing)									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.2	12.9	13.3	12.7	12.2	12.4	12.8	13.0	0.3
Hagberg Falling Number	307	226	271	314	271	271	315	264	25
Specific weight (kg/hl)	77.1	79.1	79.8	78.2	79.0	77.7	77.3	76.2	0.8
Agronomic features (spring sowing)									
Resistance to lodging with PGR [∞]	-	-	-	-	-	-	-	-	-
Straw height without PGR (cm)	82	84	80	78	84	83	78	85	2.1
Ripening (+/- Mulika, -ve = earlier)	0	+1	0	0	+1	+2	+2	+3	1.5
Resistance to sprouting [∞]	-	-	-	-	-	-	-	-	-
Disease resistance									
Mildew (1-9)	6	8	8	7	8	7	7	7	1.9
Yellow rust (1-9)	7	5	6	7	9	9	6	5	1.1
Brown rust (1-9)	5	7	5	4	3	5	7	[8]	2.0
Septoria tritici (1-9)	6	6	6	7	6	7	6	6	0.9
Orange wheat blossom midge	R	R	-	R	-	-	-	-	-
Annual treated yield (% control, spring sowing)									
2015 (8.2 t/ha)	[95]	[102]	-	[98]	-	-	[103]	[99]	6.5
2016 (8.5 t/ha)	[93]	[102]	-	[99]	[104]	[107]	[106]	[103]	8.1
2017 (7.3 t/ha)	93	107	[103]	102	[105]	[103]	100	102	4.1
2018 (5.5 t/ha)	[95]	[107]	[107]	[99]	[105]	[100]	[98]	[100]	5.4
2019 (6.9 t/ha)	94	107	102	98	105	105	99	100	3.9
Breeder/UK contact									
Breeder	BA	KWS	KWS	KWS	KWS	Sen	KWS	KWS	
UK contact	Sen	KWS	KWS	KWS	KWS	Sen	KWS	KWS	
Status in RL system									
Year first listed	11	17	20	17	19	19	12	14	
RL status	-	-	P1	-	P2	P2	-	-	

Not added to Recommended List

Shackleton
Not added to RL
101
-
[99]
Hard
13.0
289
75.8
-
-
77
+1
-
8
8
6
-
-
-
-
[104]
[101]
99
KWS
Sen

Varieties no longer listed: KWS Willow.

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

UK = Recommended for the UK
 C = Yield control (for the current table).
 [] = Limited data
 ∞ = No data available

BA = Blackman Agriculture
 KWS = KWS UK (www.kws-uk.com)
 Sen = Senova (www.senova.uk.com)

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

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