

## AHDB Recommended List - Table 5 Spring wheat (for spring sowing) 2019

End-use group	Mulika	KWS Cochise	KWS Chilham	KWS Willow	KWS Talisker	Hexham	KWS Kilburn	KWS Alderon	Average LSD (5%)
	nabim Group 1	nabim Group 2			Hard Group 4				
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	
<b>UK yield as % control (spring sowing)</b>	<b>C</b>			<b>C</b>	<b>NEW</b>	<b>NEW</b>		<b>C</b>	
Fungicide-treated (7.2 t/ha)	95	107	103	101	[106]	[105]	104	104	3.5
Untreated (% treated control) (7.2 t/ha)	[81]	[83]	[86]	[82]	[90]	[94]	[82]	[84]	7.5
<b>UK yield as % control (autumn sowing)</b>									
Fungicide-treated (9.7 t/ha)	96	103	102	104	102	107	[104]	101	4.5
<b>Grain quality (spring sowing)</b>									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.0	12.7	12.4	12.4	12.0	12.3	12.6	12.4	0.3
Hagberg Falling Number	300	225	303	282	263	275	265	295	28
Specific weight (kg/hl)	77.6	79.6	79.0	78.3	79.7	78.7	77.0	78.2	0.9
<b>Agronomic features (spring sowing)</b>									
Resistance to lodging with PGR <sup>∞</sup>	-	-	-	-	-	-	-	-	-
Straw height without PGR (cm)	81	83	79	80	84	83	85	77	2.1
Ripening (+/- Mulika, -ve = earlier)	0	+1	+1	+1	[+1]	[+3]	+3	+2	2.5
Resistance to sprouting <sup>∞</sup>	-	-	-	-	-	-	-	-	-
<b>Disease resistance</b>									
Mildew (1-9)	6	[8]	[7]	6	[8]	[7]	[7]	8	2.5
Yellow rust (1-9)	7	5	7	6	9	9	5	6	1.0
Brown rust (1-9)	5	7	4	6	3	5	9	6	2.1
Septoria tritici (1-9)	6	6	7	6	7	7	6	6	1.0
Orange wheat blossom midge	R	R	R	-	-	-	-	-	-
<b>Annual treated yield (% control, spring sowing)</b>									
2014 (7.2 t/ha)	[95]	[[115]]	[[117]]	[100]	-	-	[[109]]	[105]	8.4
2015 (8.0 t/ha)	[97]	[104]	[99]	[99]	-	-	[101]	[104]	6.3
2016 (8.5 t/ha)	[93]	[103]	[100]	[100]	[105]	[107]	[104]	[106]	8.0
2017 (7.2 t/ha)	94	109	104	104	[106]	[105]	104	102	4.0
2018 (5.3 t/ha)	[97]	[110]	[102]	[102]	[108]	[103]	[103]	[101]	5.7
<b>Breeder/UK contact</b>									
Breeder	BA	KWS	KWS	KWS	KWS	Sen	KWS	KWS	
UK contact	Sen	KWS	KWS	KWS	KWS	Sen	KWS	KWS	
<b>Status in RL system</b>									
Year first listed	11	17	17	11	19	19	14	12	
RL status	-	-	-	-	P1	P1	-	-	

**Variety no longer listed:** Granary.

Varieties are presented in order of highest UK treated yield within end-use groups.

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  
[[ ]] = 1 trial only  
∞ = 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