

AHDB Recommended List - Table 5
Spring wheat (for spring sowing) 2018



End-use group	Mulika	KWS Cocchise	KWS Chilham	KWS Willow	Granary	KWS Alderon	KWS Kilburn	Average LSD (5%)	Not added to Recommended List
	nabim Group 1	nabim Group 2				Hard Group 4			Hathaway
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK		
	C			C		C			
UK yield as % control (spring sowing)									
Fungicide-treated (7.7 t/ha)	95	106	103	102	99	103	103	3.3	94
Untreated (% treated control) (7.7 t/ha)	79	[83]	[86]	82	76	83	81	5.5	[79]
UK yield as % control (autumn sowing)									
Fungicide-treated (10.0 t/ha)	96	103	102	104	-	101	[103]	4.4	[97]
Grain quality (spring sowing)									
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard		Hard
Protein content (%)	13.0	12.8	12.5	12.3	12.9	12.4	12.6	0.4	13.2
Hagberg Falling Number	298	219	294	275	229	285	263	33	338
Specific weight (kg/hl)	78.5	80.3	79.6	79.4	78.9	78.9	77.9	0.9	77.8
Agromomic features (spring sowing)									
Resistance to lodging with PGR ∞	-	-	-	-	-	-	-	-	-
Straw height without PGR (cm)	84	87	81	82	83	79	88	1.8	79
Ripening (+/- Mulika, -ve = earlier)	0	0	+1	+1	0	+2	+3	1.7	+3
Resistance to sprouting ∞	-	-	-	-	-	-	-	-	-
Disease resistance									
Mildew (1-9)	[7]	[8]	[7]	[6]	[8]	[8]	[7]	3.5	[5]
Yellow rust (1-9)	7	5	7	6	[5]	6	6	1.1	9
Brown rust (1-9)	4	8	4	7	-	5	9	2.0	9
Septoria tritici (1-9)	6	6	7	6	6	6	6	1.2	7
Fusarium ear blight (1-9)	[6]	-	-	[6]	[6]	[6]	-	-	-
Orange wheat blossom midge	R	R	R	-	-	-	-		R
Annual treated yield (% control, spring sowing)									
2013 (7.9 t/ha)	[97]	-	-	[103]	[99]	[100]	[100]	8.0	-
2014 (7.2 t/ha)	[95]	[[115]]	[[117]]	[[100]]	[[104]]	[[105]]	[[109]]	8.7	-
2015 (8.0 t/ha)	[97]	[104]	[100]	[99]	[98]	[104]	[101]	6.2	[96]
2016 (8.5 t/ha)	[93]	[103]	[100]	[100]	[96]	[106]	[104]	8.5	[92]
2017 (7.2 t/ha)	94	109	104	104	102	102	104	3.7	94
Breeder/UK contact									
Breeder	BA	KWS	KWS	KWS	KWS	KWS	KWS		BA
UK contact	Sen	KWS	KWS	KWS	KWS	KWS	KWS		BA
Status in RL system									
Year first listed	11	17	17	11	09	12	14		-
RL status	-	P2	P2	-	-	-	-		-

Variety no longer listed: Tybalt
 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 (eg high resistance)
 ∞ = no data available
 C = yield control (for the current table) [[]] - 2 trials only
 [] = limited data
 R = believed to be resistant to orange wheat blossom midge (OWBM) but this has not been verified in Recommended List tests

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