

AHDB Recommended List (Table 5)

Spring wheat (for spring sowing) 2017

	RECOMMENDED		NEW		NEW		C*		C		Not added to Recommended List
	Mulika	KWS Cochise	KWS Chilham	Granary	Tyhalt	KWS Willow	KWS Kilburn	KWS Alderon	Average LSD (5%)	Kabot	
End-use group	nabim Group 1	nabim Group 2		Hard Group 4		Hard Group 4		Hard Group 4		Hard Group 4	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK			
UK yield as % control (spring sowing)											
Fungicide-treated (7.8 t/ha)	96	[106]	[103]	101	101	100	104	103	5.0	[100]	
Untreated (% treated control) (7.8 t/ha)	76	[79]	[84]	74	78	82	80	78	7.0	[72]	
UK yield as % control (autumn sowing)											
Fungicide-treated (9.6 t/ha)	98	[104]	[105]	-	99	106	105	103	5.2	[102]	
Grain quality (spring sowing)											
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard		Hard	
Protein content (%)	12.9	12.8	12.4	12.8	12.2	12.1	12.6	12.3	0.5	12.9	
Hagberg Falling Number	316	247	316	255	310	273	265	318	32	301	
Specific weight (kg/hl)	77.4	79.3	78.5	78.3	76.1	78.4	76.6	77.0	1.1	77.8	
Agronomic features (spring sowing)											
Resistance to lodging with PGR ∞	-	-	-	-	-	-	-	-	-	-	
Straw height without PGR (cm)	85	88	82	84	81	86	90	78	2.0	84	
Ripening (+/- Mulika, -ve = earlier)	0	[0]	[+1]	0	0	+2	+3	+2	1.3	[0]	
Resistance to sprouting ∞	-	-	-	-	-	-	-	-	-	-	
Disease resistance											
Mildew (1-9)	[7]	-	-	[7]	8	[8]	[7]	6	1.3	-	
Yellow rust (1-9)	7	6	7	5	6	6	6	7	0.7	6	
Brown rust (1-9)	4	8	4	7	5	8	9	6	2.1	8	
Septoria tritici (1-9)	6	6	6	6	6	6	6	6	1.4	6	
Fusarium ear blight (1-9)	[6]	-	-	[6]	[5]	[6]	-	[6]	0.3	-	
Orange wheat blossom midge	R	R	R	-	-	-	-	-	-	-	
Annual treated yield (% control) (spring sowing)											
2012 (7.3 t/ha)	[99]	-	-	[108]	[100]	[100]	[111]	[101]	8.5	-	
2013 (7.9 t/ha)	[97]	-	-	[99]	[103]	[103]	[100]	[100]	8.1	-	
2014 (7.2 t/ha)	[[95]]	[[115]]	[[117]]	[[104]]	[[100]]	[[100]]	[[109]]	[[105]]	9.0	[[118]]	
2015 (8.0 t/ha)	[97]	[104]	[100]	[98]	[99]	[99]	[101]	[104]	5.5	[97]	
2016 (8.4 t/ha)	[94]	[103]	[100]	[96]	[100]	[101]	[105]	[107]	7.6	[96]	
Breeder/ UK contact											
Breeder	BA	KWS	KWS	KWS	Wier	KWS	KWS	KWS		Str	
UK contact	Sen	KWS	KWS	KWS	Lim	KWS	KWS	KWS		SU	
Status in RL system											
Year first listed	11	17	17	09	03	11	14	12		-	
RL status	-	P1	P1	-	C*	-	-	C		-	

Varieties no longer listed: Belvoir.

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).

UK = recommended for the UK

∞ = no data available

* = variety no longer in trials

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

Key to Breeder and UK contact codes

BA = Blackman Agriculture

Sen = Senova (www.senova.uk.com)

Wier = Wiersum BV, Netherlands

KWS = KWS UK (www.kws-uk.com)

Str = Strube, Germany

Lim = Limagrain UK (www.limagrain.co.uk)

SU = Saaten Union UK (www.saaten-union.co.uk)

LSD = least significant difference

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