AHDB Recommended List - Table 4

Wheat sown mid-November to late January - Supplementary information

This table is for supplementary information only on variety performance for varieties drilled in the mid-November to late January period. The data do not constitute a Recommended or Descriptive list.
For details on recommended varieties of winter and spring wheat, refer to the relevant tables.

	KWS Trinity	RGT Illustrious	KWS Zyatt	Skyfall	Crusoe	**Mulika +**	KWS Lili	KWS Siskin	**KWS Willow +**	**KWS Cochise +**	**KWS Chilham +**	Cordiale	KWS Barrel	Spyder	Zulu	KWS Basset	LG Sundance	Myriad	Leeds	Viscount	Hardwicke	Bennington	Savello	Revelation	Moulton	LG Motown	KWS Kerrin	KWS Santiago	KWS Crispin	Evolution	KWS Silverstone	Reflection	Dickens	Graham	JB Diego	Dunston	Freiston	Costello	**KWS Kilburn +**	Shabras	**KWS Alderon +**	Average LSD (5%)
End-use group	nabim Group 1						nabim Group 2						nabim Group 3				Soft Group 4										Hard Group 4																
						C			C			*																*			*	*	*								C	
UK yield (% treated control)																																										
Fungicide-treated (10.0 t/ha)	102	102	102	101	99	**96**	106	106	**104**	**103**	**102**	98	107	105	104	104	[108]	108	107	[[105]]	[105]	105	104	[103]	103	102	109	109	108	106	106	106	106	105	104	104	104	**103**	103	**101**	4.4
Grain quality																																										
Endosperm texture	Hard	Hard	Hard	Hard	Hard	**Hard**	Hard	Hard	**Hard**	**Hard**	**Hard**	Hard	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	**Hard**	Hard	**Hard**	
Protein content (%)	11.7	11.9	[11.8]	12.0	12.5	**13.0**	11.1	11.6	**12.1**	**12.7**	**12.2**	[12.2]	11.0	11.8	11.2	11.3	[[11.1]]	[[11.3]]	10.8	[[11.0]]	[[10.8]]	[11.3]	[11.2]	[11.1]	[11.5]	[11.3]	[10.5]	11.1	11.3	10.8	11.2	11.1	10.9	[11.2]	11.2	[11.2]	[10.8]	11.8	**12.7**	[11.0]	**12.4**	4.4
Hagberg Falling Number	356	290	[256]	300	286	**325**	321	293	**276**	**253**	**336**	[362]	224	281	233	241	[[202]]	[[236]]	205	[[206]]	[[212]]	[237]	[245]	[281]	[286]	[237]	[138]	181	285	213	308	238	267	[288]	330	[243]	[176]	344	**287**	[230]	**328**	36
Specific weight (kg/hl)	76.6	76.1	[76.9]	77.6	77.7	**78.3**	75.8	76.4	**79.4**	**79.9**	**79.9**	[78.7]	75.9	75.5	75.0	76.6	[[74.1]]	[[76.0]]	77.3	[[74.4]]	[[74.2]]	[76.6]	[74.1]	[74.9]	[77.1]	[75.1]	[75.0]	74.5	76.5	74.3	78.2	77.0	75.5	[75.9]	77.4	[75.9]	[76.3]	80.4	**77.7**	[75.2]	**78.1**	1.2
Agronomic features																																										
Lodging %	[[0]]	[[2]]	[[0]]	[[1]]	[[0]]	**[34]**	[[0]]	[[3]]	**[[5]]**	**[8]**	**[19]**	-	[[18]]	[[8]]	[[0]]	[[0]]	-	-	[[6]]	-	-	[[5]]	[[4]]	-	[[7]]	[[7]]	[[14]]	[[5]]	[[18]]	[[1]]	[[29]]	[[0]]	[[4]]	-	[[7]]	[[0]]	[[15]]	[[0]]	-	[[1]]	**[1]**	2.0
Straw height with PGR (cm)	73	74	71	70	69	**87**	71	71	**83**	**87**	**80**	[68]	72	80	77	73	-	[81]	78	-	-	78	75	[[76]]	77	71	73	76	73	74	78	69	77	[74]	77	80	81	69	**92**	73	**78**	2.7
Ripening (+/- Mulika, -ve = earlier)	+2	+3	+1	+1	+3	**0**	+5	+2	**0**	**+1**	**+1**	[0]	+3	+2	+2	+3	[+3]	[+3]	+4	[+2]	[+2]	+2	+1	[+6]	+1	+1	+2	+4	+3	+4	+3	+1	+2	[0]	+2	+2	+1	+3	**[+2]**	+2	**+1**	1.6
Disease resistance																																										
Mildew (1-9)	8	6	7	5	6	**[7]**	8	9	**[6]**	**[8]**	**[7]**	7	6	8	7	5	7	5	3	7	6	7	7	5	7	8	7	6	7	6	7	7	7	7	6	5	6	8	**[7]**	6	**[8]**	1.8
Yellow rust (1-9)	9	9	7	6	9	**7**	7	9	**6**	**5**	**7**	4	8	7	5	8	9	4	6	6	8	6	8	9	8	9	7	7	9	8	7	3	9	8	5	7	9	9	**6**	8	**6**	0.9
Brown rust (1-9)	7	6	6	9	3	**4**	4	5	**7**	**8**	**4**	4	6	7	5	5	6	5	5	9	6	7	4	8	7	7	7	5	5	7	7	9	6	6	6	6	7	5	**9**	4	**5**	1.0
Septoria tritici (1-9)	6	6	6	6	7	**6**	6	7	**6**	**6**	**7**	5	5	6	5	5	7	6	5	5	6	6	5	6	6	6	5	4	6	6	5	5	5	7	5	7	7	6	**6**	6	**6**	0.7
Fusarium ear blight (1-9)	6	5	6	7	6	**[6]**	6	5	**[6]**	**-**	**-**	5	6	6	6	6	6	6	7	6	5	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	**-**	5	**[6]**	0.5
Orange wheat blossom midge	-	-	-	R	-	**R**	-	-	**-**	**R**	**R**	-	R	-	R	R	R	R	R	R	-	-	-	-	-	R	R	R	R	-	-	R	-	-	-	-	-	-	**-**	-	**-**	
Breeder/UK contact																																										
Breeder	KWS	R2n	KWS	RAGT	Lim	**BA**	KWS	KWS	**KWS**	**KWS**	**KWS**	KWS	KWS	BA	Lim	KWS	LimEur	Lim	Mom	KWS	Sej	ElsW	SyP	Lim	ElsW	LimEur	KWS	KWS	KWS	Sej	KWS	SyP	Sec	SyP	Bre	ElsW	ElsW	KWS	**KWS**	SyP	**KWS**	
UK contact	KWS	RAGT	KWS	RAGT	Lim	**Sen**	KWS	KWS	**KWS**	**KWS**	**KWS**	KWS	KWS	Sen	Lim	KWS	Lim	Lim	KWS	KWS	KWS	ElsW	Syn	Lim	Els	Lim	KWS	KWS	KWS	Lim	KWS	Syn	Agr	Syn	Sen	Els	Els	Sen	**KWS**	Syn	**KWS**	

Yields are expressed as % of the spring wheat controls. For full information on the late-sown yield performance of winter wheat varieties, please see the winter wheat Recommended List Supplementary data table.
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (eg high resistance).
All yields are taken from treated trials receiving a full fungicide and PGR programme.

+ = spring wheat
C = yield control (for current table)
[ ] = limited data
[[ ]] = very limited data
* = variety no longer in trials

R = believed to be resistant to orange wheat blossom midge (OWBM), but this has not been verified in Recommended List tests
LSD = least significant difference
Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level.
There are insufficient data to provide late autumn listings for newer winter wheat varieties and their absence from the table does not imply that they are unsuitable for late-autumn sowing.

Agr = Agrii (www.agrii.co.uk)
BA = Blackman Agriculture
Bre = Saatzucht Josef Breun, Germany
Els = Elsoms Seeds Ltd (www.elsoms.com)
ElsW = Elsoms Wheat Ltd (www.elsoms.com)
KWS = KWS UK (www.kws-uk.com)
Lim = Limagrain UK (www.limagrain.co.uk)
LimEur = Limagrain Europe SA (www.limagrain.co.uk)
Mom = Momont, France
R2n = RAGT, France (www.ragt.co.uk)
RAGT = RAGT Seeds, UK (www.ragt.co.uk)
Sec = Secobra, France
Sej = Sejet, Denmark
Sen = Senova (www.senova.uk.com)
Syn = Syngenta UK Ltd (www.syngenta.co.uk)
SyP = Syngenta Participations AG (www.syngenta.co.uk)