

AHDB Recommended List - Table 4

Wheat sown mid-November to late January

The data for the spring wheat varieties constitute a Recommended List.

The winter wheat data presented do not currently constitute a Recommended List but are shown to allow direct comparisons with data for the spring wheat varieties.

	RECOMMENDED																													
	*					C		*		C			*			*			*			C		*						
	Skyfall	KWS Trinity	Crusoe	Gallant	Mulika +	Solstice	KWS Lili	KWS Willow +	Tybalt +	Cordiale	Britannia	Zulu	RG7 Conversion	Leeds	Horatio	KWS Santiago	Dickens	Evolution	Reflection	KWS Kielder	KWS Gator	Costello	Belvoir +	KWS Alderon +	JB Diego	Relay	Average LSD (5%)			
End-use group	nabim Group 1					nabim Group 2					nabim Group 3			Soft Group 4			Hard Group 4													
Scope of recommendation	-	-	-	-	UK	-	-	UK	UK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	UK	UK	-	-			
UK yield (% treated control)																														
Fungicide-treated (9.7 t/ha)	102	102	99	99	98	97	106	105	100	99	107	104	101	107	103	107	107	106	106	106	104	104	103	103	101	99	5.2			
Grain quality																														
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard				
Protein content (%)	[11.2]	[11.0]	[11.8]	[11.8]	12.4	[11.7]	[10.8]	11.5	11.9	[11.5]	[11.3]	[10.3]	[10.8]	[10.7]	-	[10.6]	[9.8]	[10.1]	[10.4]	[10.3]	-	[11.2]	11.0	11.9	[10.9]	-	0.8			
Hagberg falling number	[293]	[349]	[313]	[348]	325	[290]	[311]	261	311	[351]	[251]	[248]	[246]	[240]	-	[175]	[277]	[206]	[229]	[243]	-	[324]	224	327	[339]	-	62			
Specific weight (kg/hl)	[77.1]	[77.1]	[78.2]	[77.1]	78.3	[79.0]	[77.0]	79.4	76.3	[79.2]	[76.3]	[74.8]	[75.2]	[76.9]	-	[73.9]	[75.7]	[74.2]	[76.7]	[73.4]	-	[80.1]	76.7	77.6	[78.0]	-	1.6			
Agonomic features																														
Lodging %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Straw height with PGR (cm)	69	73	69	[71]	86	75	70	83	82	67	77	76	70	78	78	77	77	74	68	71	74	68	75	76	[76]	69	3.2			
Ripening (+/- Mulika, -ve = earlier)	[+1]	[+3]	[+5]	[-3]	[0]	-	[+7]	[-1]	[-1]	[-1]	[+4]	[+3]	[+1]	[+5]	-	[+7]	[+3]	[+4]	[+2]	[+6]	[+6]	[+4]	[-1]	[0]	[+4]	-	2.6			
Latest safe sowing date #	[End Feb]	[End Jan]	End Jan	Mid Feb	-	End Jan	[Mid Feb]	-	-	Mid Feb	[Mid Feb]	[End Feb]	[End Jan]	Mid Feb	Mid Feb	End Jan	End Jan	End Feb	[Mid Feb]	End Jan	End Feb	Mid Jan	-	-	End Jan	Mid Feb				
Disease resistance																														
Mildew	6	9	7	6	[7]	4	9	[8]	8	6	6	7	8	3	7	4	8	6	7	5	6	8	[6]	6	6	6	1.3			
Yellow rust	6	9	9	4	7	3	7	7	7	5	8	9	8	7	5	6	9	9	6	3	8	9	6	7	7	9	0.6			
Brown rust	9	8	3	7	4	5	6	9	5	4	5	4	7	4	6	6	7	8	9	8	3	6	8	6	6	8	1.2			
Septoria tritici	6	5	6	4	6	5	6	6	6	5	6	6	5	5	5	4	5	6	5	5	5	6	5	6	5	6	1.1			
Fusarium ear blight	7	6	6	5	[6]	6	6	[6]	[5]	5	6	6	6	7	6	6	6	6	6	6	6	6	[6]	[6]	6	6	0.3			
Orange wheat blossom midge	R	-	-	-	R	-	-	-	-	-	-	R	-	R	R	R	-	-	R	R	R	-	R	-	-	-				
Breeder/ UK contact																														
Breeder	RAGT	KWS	Lim	SyP	BA	Lim	KWS	KWS	Wier	KWS	Lim	Lim	RAGT	Mom	Lim	KWS	Sec	Sej	SyP	KWS	KWS	KWS	KWS	KWS	Bre	RAGT				
UK contact	RAGT	KWS	Lim	Syn	Sen	Lim	KWS	KWS	Lim	KWS	Lim	Lim	RAGT	KWS	Lim	KWS	Agr	Lim	Syn	KWS	KWS	Sen	KWS	KWS	Sen	RAGT				
Status in RL System																														
Year first listed	11					11					03															03		12		
RL Status																										*	-	-	-	

Spring wheat varieties no longer listed: Ashby and Paragon

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 (e.g. high resistance)

All yields are taken from treated trials receiving a full fungicide and PGR programme

[] = limited data

UK = recommended for the UK

C = yield control (for current table)

* = No longer in late-sown wheat trials

+ = spring wheat varieties

R = believed to be resistant to orange wheat blossom midge (OWBM), but this has not been verified in Recommended List tests

= latest safe sowing date is the advised latest date to give sufficient cold for flowering; spring wheats have no vernalisation requirement.

LSD = least significant difference

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

Key to Breeder and UK contact codes

Agr = Agrii (www.agrii.co.uk)

BA = Blackman Agriculture

Bre = Saatzucht Josef Breun, Germany

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

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

Mom = Momont, France

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

Wier = Wiersum BV, Netherlands