

Winter wheat varieties grown in RL trials in 2024 but not added to the AHDB Recommended List

	Skyfall	KWS Extase	LG Astronomer	LG Skyscraper	Gleam	KWS Beste	LG Henri	Frenzy	Energy	KWS Vicarage	Riley	KWS Mongoose	Memphis	LG Rebellion	Roma	Rufus	SY Monza	Diamond	Average LSD (5%)	
	Control varieties					Other varieties														
Fungicide-treated grain yield (% treated control)																				
United Kingdom (10.8 t/ha)	97	102	97	101	103	95	104	102	102	100	107	107	106	106	106	105	105	105	101	3.1
East region (10.7 t/ha)	97	102	97	102	103	95	104	102	103	102	106	107	106	106	105	105	105	101	3.4	
West region (11.1 t/ha)	97	102	97	100	103	93	104	102	100	98	109	106	107	107	107	105	104	103	3.9	
North region (10.8 t/ha)	96	101	98	100	104	[96]	[105]	[104]	[104]	[101]	[104]	[103]	[106]	[103]	[107]	[104]	[107]	[99]	4.5	
Untreated grain yield (% treated control)																				
United Kingdom (10.8 t/ha)	64	91	83	80	78	82	90	82	84	82	82	84	85	93	84	72	79	95	5.9	
Disease resistance																				
Mildew (1–9)	6	6	4	7	6	[6]	[7]	[6]	[6]	[8]	[6]	[6]	[8]	[6]	[6]	[5]	[7]	[6]	1.4	
Yellow rust (1–9)	3	7	9	7	5	9	9	6	8	9	9	8	9	7	8	8	7	9	0.6	
Yellow rust (young plant)	s	s	s	s	s	s	r	s	s	r	s	r	s	r	s	r	s	r		
Brown rust (1–9)	8	7	8	5	6	6	6	5	5	6	4	5	4	6	4	3	4	7	0.5	
Septoria tritici (1–9)	5.9	7.0	5.7	5.0	5.7	6.1	6.7	5.7	6.1	5.6	6.3	5.9	6.5	6.6	6.3	6.0	5.8	7.4	0.9	
Eyespot (1–9)	6@	3	5	5	5	4	5	5	4	6	5	5	6	6@	5	4	6	6@	1.3	
Fusarium ear blight (1–9)	7	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	0.4	
Orange wheat blossom midge	R	-	R	R	R	-	R	R	R	R	-	R	-	-	R	R	R	R		
Agronomic features																				
Resistance to lodging without PGR (1–9)	9	7	7	6	7	5	6	7	6	5	8	6	8	6	8	8	7	6	1.5	
Resistance to lodging with PGR (1–9)	8	7	8	6	7	5	7	7	7	6	8	7	8	7	8	7	7	5	1.1	
Straw length without PGR (cm)	84	91	88	92	87	99	90	87	86	91	81	80	82	88	85	88	88	83	1.8	
Straw length with PGR (cm)	78	86	80	83	78	92	78	81	79	83	75	73	74	79	76	77	79	76	1.5	
Ripening (days +/- Skyfall)	0	-1	+1	0	0	+1	+1	+1	0	+1	0	0	0	-1	0	0	0	0	0.7	
Resistance to sprouting (1–9)	5	6	7	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	
Grain quality																				
Endosperm texture	Hard	Hard	Soft	Soft	Hard	Hard	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard		
Protein content (%)	11.5	11.2	11.2	10.8	10.6	12.1	10.5	10.9	10.5	10.8	10.6	10.4	10.6	11.2	10.8	10.8	10.2	11.7	0.3	
Protein content (%) – milling spec	12.8	12.3	12.4	11.9	11.5	[13.4]	[11.2]	[11.9]	[11.4]	[12.3]	[11.9]	[11.3]	[11.7]	[11.6]	[11.6]	[11.3]	[11.6]	[13.1]	0.7	
Hagberg Falling Number	280	287	241	205	221	293	169	276	175	231	273	196	279	272	275	287	309	281	22.6	
Specific weight (kg/hl)	79.4	79.2	78.2	77.1	77.1	79.9	77.5	78.0	78.1	77.1	76.5	77.8	76.7	78.6	78.5	76.8	76.4	78.8	0.7	
Chopin Alveograph W	267	208	[101]	-	-	[368]	[115]	[86]	[97]	-	-	-	-	[177]	[251]	-	-	[240]	36.4	
Chopin Alveograph P/L	1.0	0.7	[0.4]	-	-	[1.2]	[0.4]	[0.3]	[0.4]	-	-	-	-	[0.3]	[1.9]	-	-	[0.7]	0.3	
Breeder/UK contact																				
Breeder	RAGT	Mom	LimEur	LimEur	SyP	KWSGmbH	LimEur	ElsW	ElsW	KWS	KWS	KWS	KWS	LimEur	KWS	Syn	SCP	DSV		
UK contact	RAGT	KWS	Lim	Lim	Syn	KWS	Lim	Els	Els	KWS	Sen	KWS	Sen	Lim	Syn	Sen	Syn	DSV		

This table should be read in conjunction with the winter wheat RL 2025/26. Comparisons of varieties across regions are not valid. On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). Protein content (%) – milling spec data is taken from trials managed to a bread-milling protocol.

PGR = Plant growth regulator
 [] = Limited data
 r = Young plant resistance to yellow rust as shown by UKCPVS tests and RL trial data
 s = Young plant susceptibility to yellow rust as shown by UKCPVS tests and RL trial data

@ = Believed to carry the *Pch1* Rendezvous resistance gene to eyespot; as this is a breeders' claim, it has not been verified in RL tests
 R = Believed to be resistant; as this is a breeders' claim, this has not been verified in RL tests

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

DSV = DSV UK Ltd (dsv-uk.co.uk)
 Els = Elsoms Seeds Ltd (elsoms.com)
 ElsW = Elsoms Wheat Ltd (elsoms.com)
 KWS = KWS UK (kws-uk.com)
 KWSGmbH = KWS Lochow GmbH (kws-uk.com)

Lim = Limagrain UK (lgseeds.co.uk)
 LimEur = Limagrain Europe SA (lgseeds.co.uk)
 Mom = Momont, France (kws-uk.com)
 RAGT = RAGT Seeds (ragt.co.uk)

SCP = Syngenta Crop Protection (syngenta-crop.co.uk)
 Sen = Senova (senova.uk.com)
 Syn = Syngenta UK Ltd (syngenta.co.uk)
 SyP = Syngenta Participations AG (syngenta.co.uk)