

Winter wheat trials harvest 2024

Candidate varieties



Previous/proposed name	Variety ID	Endosperm texture	Yield treated (T) – UK	Yield treated (T) – East	Yield treated (T) – West	Yield treated (T) – North	Yield untreated (UT) (as % treated controls)	Mildew (1–9)	Yellow rust (1–9)	Brown rust (1–9)	Septoria tritici (1–9)	Eyespot (1–9)	OWBM resistance	BYDV resistance	Lodging % (UT)	Lodging % (T)	Straw length (cm) (UT)	Ripening (days +/- Skyfall)	Protein content (%)	Hagberg Falling Number	Specific weight (kg/ha)	UK contact	
Control varieties																							
Skyfall	SJ3326	2138	Hard	96	96	[96]	[[97]]	70	6	3	9	6	6@	R	-	0	0	84	0	11.6	282	79.2	RAGT Seeds
KWS Barrel	KWS W239	2311	Soft	97	97	[94]	[[103]]	79	7	6	5	5	5	R	-	0	0	84	+1	10.7	216	77.1	KWS UK
Gleam	SY114257	2546	Hard	104	104	[105]	[[102]]	82	6	5	6	6	5	R	-	0	1	87	-1	10.5	219	77.4	Syngenta UK Ltd
LG Skyscraper	LGWU123	2626	Soft	102	102	[102]	[[98]]	86	7	7	5	5	5	R	-	3	1	93	0	10.7	191	77.0	Limagrains UK
KWS Extase	MH15-39	2672	Hard	102	102	[104]	[[99]]	93	7	8	6	7	4	-	-	1	1	91	-1	11.2	293	78.7	KWS UK
Selected as potential bread-making varieties																							
Diamond	DSV 321113	3200	Hard	100	99	[101]	[[100]]	95	8	9	7	7	7@	R	-	2	4	83	-1	11.6	275	78.4	DSV UK Ltd
KWS Equipe	KM 21110	3215	Hard	102	101	[106]	[[98]]	95	7	8	7	7	4	-	-	2	1	95	-2	11.3	326	79.1	KWS UK
KWS Beste	KW 2226-19	3220	Hard	96	95	[98]	[[95]]	87	7	9	7	6	3	-	-	7	5	99	0	12.1	299	79.7	KWS UK
KWS Arnie	KWS W441	3223	Hard	105	105	[106]	[[100]]	89	6	8	6	7	6	-	-	0	0	88	-1	10.8	296	79.2	KWS UK
KWS Newbie	KWS W442	3224	Hard	103	102	[103]	[[105]]	89	7	8	6	6	7	-	-	2	1	85	-1	10.8	321	78.4	KWS UK
KWS Vibe	KWS W443	3225																					KWS UK
Data cannot be published as variety has not completed GB and NI Variety Lists testing																							
LG Shergar	LGWU192	3245	Hard	102	101	[103]	[[105]]	90	7	7	6	7	5	-	-	0	0	81	1	10.9	295	80.2	Limagrains UK
RGT Goldfinch	RW42109	3259	Hard	88	87	[90]	[[89]]	83	8	9	9	7	5	R	R	20	1	88	+1	11.6	285	78.2	RAGT Seeds
Selected as potential biscuit-making varieties																							
Energy	EW9120	3207	Soft	102	101	[102]	[[104]]	90	8	8	5	6	6	R	-	3	2	86	-1	10.5	197	77.8	Elsoms Seeds Ltd
Frenzy	EW9350	3212	Soft	102	102	[104]	[[101]]	87	7	7	5	6	7	R	-	1	1	87	+1	10.7	285	77.9	Elsoms Seeds Ltd
KWS Solitaire	KWS W440	3219	Soft	105	104	[108]	[[105]]	92	7	8	5	7	7	R	-	6	3	90	-1	10.7	198	77.1	KWS UK
KWS Flute	KWS W447	3228	Soft	104	104	[105]	[[103]]	86	7	6	5	6	7	R	-	4	1	83	-1	10.8	212	78.3	KWS UK
LG Henri	LGWU197	3250	Soft	103	102	[102]	[[106]]	92	7	9	6	6	6	R	-	6	1	90	+1	10.8	206	77.3	Limagrains UK
Selected as potential feed varieties																							
KWS Scope	KWS W432	3222	Hard	105	105	[107]	[[106]]	88	7	7	5	6	4	R	-	1	0	90	1	10.7	247	79.1	KWS UK
KWS Vicarage	KWS W436	3231	Soft	102	102	[102]	[[104]]	88	8	9	6	6	8	R	-	6	3	91	+1	10.7	224	77.3	KWS UK
KWS Mongoose	KWS W450	3232	Hard	106	107	[105]	[[101]]	89	7	8	5	6	7	R	-	3	1	80	-1	10.6	197	78.0	KWS UK
Riley	SEWC150	3235	Hard	106	106	[106]	[[103]]	88	8	9	4	6	7	-	-	1	0	81	0	10.8	292	76.7	Senova
Memphis	SEWC151	3236	Hard	105	106	[105]	[[103]]	91	8	9	5	6	7	-	-	0	0	82	-1	10.6	290	76.7	Senova
Rufus	SEWC153	3238	Hard	106	106	[107]	[[100]]	82	6	9	3	6	4	R	-	0	0	89	0	10.9	296	77.3	Senova
LG Rebellion	LGWU194	3247	Hard	106	105	[108]	[[103]]	97	7	8	6	7	7@	-	-	3	1	89	-2	11.2	287	79.0	Limagrains UK
RGT Hexton	RW42193	3265	Soft	104	104	[104]	[[104]]	87	6	7	5	7	5	R	-	1	1	89	2	10.6	244	77.5	RAGT Seeds
SY Monza	SY120582	3271	Hard	106	106	[106]	[[105]]	88	7	6	4	6	8	R	-	1	1	88	-2	10.1	318	77.2	Syngenta UK Ltd
Roma	SY121451	3274	Hard	105	104	[105]	[[105]]	90	7	9	4	6	7	R	-	0	0	86	-1	10.9	282	78.4	Syngenta UK Ltd
Mean of controls (t/ha)				11.7	11.7	12.1	10.8	11.7	-	-	-	-	-	-	-	-	-	290	-	-	-		
Overall mean				-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	10.9	225	79.7	
LSD 5%				2.7	2.4	2.7	5.8	4.5	-	-	-	-	-	-	-	-	-	2.6	1.6	-	-	-	
Number of trials				28	18	7	3	12	-	-	-	-	-	-	6	10	12	6	10	10	10		

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

The 1–9 ratings are not comparable to those used in the RL table.

See the AHDB RL for full data on control varieties.

Candidate varieties will be considered for the RL 2025/26.

To allow direct comparisons, the data presented for control varieties is taken from trials in which the candidates were grown.

These summaries are derived from GB and NI Variety List (VL) and BSPB trials. Acknowledgement is made to APHA and BSPB for the use of the data.

Varieties are ordered within a group by ascending variety ID.

T = Data from trials treated with fungicide and plant growth regulator (PGR)

UT = Data from trials without fungicide or plant growth regulator (PGR)

OWBM = Orange wheat blossom midge

BYDV = Barley yellow dwarf virus

R = Believed to be resistant to the trait, but this has not been verified in RL tests.

@ = Believed to carry the *Pch1* Rendezvous resistance gene to eyespot, but this has not been verified in RL tests.

[] = Limited data

[[]] = Very limited data

LSD = Least significant difference

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