

AHDB

RECOMMENDED LISTS

## Winter wheat trials harvest 2025

### Candidate varieties

AHDB

CANDIDATE

	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	BYDV	Lodging % (UT)	Lodging % (T)	Straw length (cm) (UT)	Ripening (days +/- Skyfall)	Protein content (%)	Hagberg Falling Number	Specific weight (kg/hl)	UK contact	
Control varieties																								
	Skyfall	SJ3326	2138	Hard	98	98	[98]	[[95]]	58	6	3	8	6	6@	R	-	1	0	84	0	11.3	279	79.3	RAGT Seeds
	Gleam	SY114257	2546	Hard	103	102	[104]	[[105]]	71	6	5	6	6	5	R	-	0	0	85	0	10.6	233	77.3	Syngenta UK Ltd
	LG Skyscraper	LGWU123	2626	Soft	99	100	[99]	[[99]]	74	7	7	5	5	5	R	-	1	1	92	+1	10.6	207	77.0	Limagrain UK
	KWS Extase	MH15-39	2672	Hard	105	105	[105]	[[104]]	86	6	6	7	7	3	-	-	1	0	91	-1	11.1	283	79.1	KWS UK
	LG Astronomer	LGWU143	2809	Soft	95	94	[95]	[[98]]	76	4	9	8	6	5	R	-	1	0	88	+2	11.1	233	78.3	Limagrain UK
Selected as potential bread-making varieties																								
	KWS Imrie	KWS W457	3303	Hard	104	103	[105]	[[104]]	80	7	6	5	7	6@	-	-	1	0	85	+1	11.2	286	79.0	KWS UK
	KWS Grebe	KWS W461	3307	Hard	105	105	[105]	[[104]]	[82]	6	8	5	7	5	R	-	0	0	83	-1	11.1	270	77.2	KWS UK
	Arlington	DSV 322116	3336	Hard	101	102	[99]	[[98]]	90	6	9	6	7	6@	R	-	0	0	80	0	11.4	297	79.3	DSV UK Ltd
Selected as potential biscuit-making varieties																								
	LG Lotus	LGWU205	3367	Soft	103	103	[103]	[[100]]	[85]	6	8	7	7	3	R	-	1	1	85	+3	10.6	245	77.0	Limagrain UK
Selected as potential feed varieties																								
	Hector	SJ S0592	3297	Hard	109	109	[111]	[[108]]	74	6	8	4	7	4	-	-	1	0	89	+3	10.3	209	76.2	Senova
	KWS Fowlmere	KWS W460	3306	Hard	109	109	[108]	[[108]]	[86]	6	9	5	6	5	R	-	1	1	89	-2	10.7	292	80.0	KWS UK
	KWS Aintree	KWS W466	3312	Hard	112	112	[110]	[[110]]	86	5	9	5	6	6	R	-	1	1	92	+1	10.2	277	78.8	KWS UK
	KWS Maximise	KWS W468	3314	Hard	108	109	[106]	[[99]]	77	4	9	5	7	4	R	-	0	0	84	0	11.2	285	77.5	KWS UK
	AWC 37	-	3325	Data cannot be published as variety has not completed GB and NI Variety Lists testing																	Angus Wheat Consultants Ltd			
	RGT Guardsman	RW42265	3345	Hard	103	104	[100]	[[104]]	79	6	8	6	6	5	-	R	13	3	90	0	10.0	227	75.6	RAGT Seeds
	Sparkler	EW20679	3353	Soft	108	107	[107]	[[109]]	77	4	7	4	8	4	-	-	1	2	90	+1	10.8	214	76.9	Elsoms Seeds Ltd
	Heartwood	EW20733	3354	Soft	105	105	[106]	[[104]]	84	6	8	6	7	4	-	-	1	0	87	-1	11.2	199	75.6	Elsoms Seeds Ltd
	LG Defiance	LGWU206	3368	Hard	111	111	[111]	[[107]]	87	7	8	5	7	5	R	-	2	2	96	+1	10.3	245	77.0	Limagrain UK
	LG Challenger	LGWU207	3369	Hard	108	108	[109]	[[109]]	85	8	7	5	6	5	R	-	1	1	93	+1	10.2	294	78.6	Limagrain UK
	SY Nairn	SY122518	3379	Soft	105	105	[106]	[[103]]	78	7	7	4	7	4	R	-	0	0	83	+1	11.1	224	77.6	Syngenta UK Ltd
Mean of controls (t/ha)				11.4	11.2	11.5	12.0	11.4	-	-	-	-	-	-	-	-	-	-	298	-	-	-	-	-
Overall mean				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	-	10.9	244	77.7	-
LSD 5%				3.1	2.5	3.6	7.1	6.0	-	-	-	-	-	-	-	-	-	-	2.9	1.4	-	-	-	-
Number of trials				30	18	8	4	12	-	-	-	-	-	-	-	-	7	17	10	7	12	12	11	-

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 2026/27.  
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, as this is a breeders claim this has not been verified in RL tests  
@ = Believed to carry the *Pch1* Rendezvous resistance gene to eyespot, as this is a breeders claim it 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