

Winter wheat 2026/27

UKFM Group 1, 2 and 3



	KWS Zyatt	Arlington	KWS Vibe	Skyfall	SY Cheer	Crusoe	RGT Illustrious	KWS Arnie	KWS Grebe	KWS Extase	LG Shergar	KWS Equipe	KWS Palladium	Mayflower	RGT Goldfinch	KWS Solitaire	Bamford	KWS Flute	Average LSD (5%)
End-use group	UKFM Group 1							UKFM Group 2							UKFM Group 3				
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	E&W	UK	UK	Sp	UK	UK	N	
Variety status	*	NEW		C			*		NEW	C	*			*					
Fungicide-treated grain yield (% treated control)																			
United Kingdom (11.1 t/ha)	100	99	97	96	96	95	94	104	103	102	102	102	100	97	88	106	105	105	2.7
East region (10.9 t/ha)	99	100	96	96	96	94	94	104	103	102	101	101	100	97	88	105	104	104	3.0
West region (11.4 t/ha)	101	99	98	96	96	95	95	105	103	102	102	103	101	98	89	107	106	105	3.3
North region (10.9 t/ha)	100	[96]	99	96	99	94	95	103	[105]	102	104	99	101	98	89	106	107	108	4.0
Untreated grain yield (% treated control)																			
United Kingdom (11.1 t/ha)	70	94	88	64	81	72	81	87	87	90	86	90	87	87	83	87	89	81	7.3
Disease resistance																			
Mildew (1–9)	[8]	6	[7]	5	[7]	[6]	[7]	[6]	6	6	[7]	[7]	[7]	[7]	[8]	[5]	[6]	[4]	1.8
Yellow rust (1–9)	3	7	8	3	6	7	8	7	6	7	6	7	6	4	9	6	6	7	1.0
Yellow rust (young plant)	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	s	
Brown rust (1–9)	7	6	6	8	6	3	5	6	5	7	6	7	6	6	9	5	6	4	0.5
Septoria tritici (1–9)	6.3	7.0	6.5	6.2	6.1	6.5	6.2	6.8	6.4	6.5	6.4	6.7	7.0	8.5	7.0	6.4	6.4	6.3	0.8
Eyespot (1–9)	7@	[6]@	6@	6@	4	5	6@	5	[6]	4	5	4	5	5@	5	5	6@	5	1.3
Fusarium ear blight (1–9)	6	[6]	6	7	6	6	6	6	[5]	6	6	6	6	6	6	5	5	6	0.6
Orange wheat blossom midge	-	R	-	R	-	-	-	-	R	-	-	-	-	-	R	R	-	R	
Agronomic features																			
Resistance to lodging without PGR (1–9)	8	8	8	9	8	8	8	8	8	7	8	7	8	6	2	5	7	6	1.5
Resistance to lodging with PGR (1–9)	8	8	8	8	7	8	9	8	8	7	8	7	8	7	6	6	7	7	1.2
Lodging without PGR (%)	1	1	1	0	1	1	1	1	1	2	1	3	1	4	59	10	2	6	-
Lodging with PGR (%)	1	1	1	2	2	2	0	1	1	2	1	4	1	3	6	7	3	3	-
Straw length without PGR (cm)	86	82	89	86	91	84	91	89	84	93	82	96	85	90	89	91	90	84	1.7
Straw length with PGR (cm)	75	71	77	76	82	75	79	80	75	85	74	86	78	82	75	81	81	75	1.3
Ripening (days +/- Skyfall)	0	0	+1	0	+1	+1	+1	-1	-1	-1	+1	-1	-1	0	+2	0	0	+1	0.7
Resistance to sprouting (1–9)	6	[6]	[6]	5	[6]	7	6	[6]	[6]	7	[6]	[7]	6	7	[6]	[5]	[5]	[6]	0.7

Main market options (The specific attributes of varieties are different, so, whenever possible, varieties should not be mixed in store)

UK bread-making	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-
UK biscuit, cake-making	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Y	Y	Y
UK distilling quality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H	M	M
 bread wheat for export	Y	-	-	-	-	Y	-	-	[Y]	Y	-	[Y]	-	Y	-	-	-	-
 soft wheat for export	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	[Y]	Y	[Y]

Grain quality

Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Soft	Soft	Soft	
Protein content (%)	11.5	11.5	11.9	11.6	11.6	12.1	11.6	11.0	11.3	11.3	11.0	11.4	11.3	11.5	11.7	10.6	10.7	10.9	0.2
Protein content (%) – milling spec	12.5	12.5	13.4	12.8	12.8	13.3	12.7	12.1	12.2	12.2	12.1	12.3	12.4	12.7	12.9	11.6	11.6	12.1	0.4
Hagberg Falling Number	271	309	294	290	306	279	263	296	280	293	298	310	316	304	288	197	256	217	20.7
Specific weight (kg/hl)	78.5	78.9	78.6	79.1	79.7	78.4	78.2	78.8	77.0	79.1	80.0	79.3	77.3	79.1	77.5	76.8	78.5	78.0	0.7
Chopin Alveograph W	-	255	[310]	[264]	[289]	249	-	[232]	242	209	[298]	208	-	212	[310]	106	111	106	29.8
Chopin Alveograph P/L	-	1.0	[1.1]	[1.1]	[1.7]	0.6	-	[1.3]	0.7	0.7	[1.0]	0.7	-	0.8	[1.7]	0.5	0.6	0.4	0.2

Annual treated yield (% control)

2021 (11.1 t/ha)	100	-	-	96	97	95	93	-	-	101	-	-	98	95	-	-	104	-	-
2022 (11.6 t/ha)	100	-	97	95	97	93	95	104	-	102	102	101	100	96	89	106	106	106	-
2023 (11.2 t/ha)	99	99	97	97	96	95	96	105	103	102	103	102	100	97	88	105	106	105	-
2024 (10.8 t/ha)	103	98	100	96	95	94	95	106	106	103	103	102	105	103	90	108	107	108	-
2025 (10.8 t/ha)	99	97	97	96	99	96	94	103	102	101	103	99	100	98	89	105	105	105	-

Rotational position

First cereal (11.3 t/ha)	100	99	97	96	97	95	95	104	103	102	102	102	100	98	89	106	105	105	2.8
Second and more (9.7 t/ha)	99	99	96	97	95	93	92	104	102	101	100	100	100	98	87	105	105	106	3.3

Sowing date (most trials were sown in October)

Early sown (before 25 Sep) (11.2 t/ha)	[100]	[[102]]	[[97]]	95	[[97]]	[97]	[99]	-	-	102	[101]	-	[[98]]	101	-	[108]	106	[109]	6.6
Late sown (after 1 Nov) (9.9 t/ha)	97	[[99]]	[97]	97	97	94	93	[100]	[[101]]	101	[102]	[102]	99	94	[87]	[104]	102	[102]	4.2
Latest safe-sowing date	End Jan	-	[End Jan]	End Feb	End Jan	End Jan	End Jan	[End Jan]	[[End Jan]]	End Jan	[End Feb]	[End Jan]	End Jan	End Jan	[End Jan]	[End Jan]	End Jan	[End Jan]	

Soil type (about 50% of trials are on medium soils)

Light soils (10.2 t/ha)	99	[95]	97	96	97	94	95	103	[[102]]	102	102	100	100	99	90	104	106	105	4.0
Heavy soils (11.8 t/ha)	100	100	97	96	96	94	94	104	102	102	102	103	100	97	88	105	104	104	3.5

Breeder/UK contact

Breeder	KWS	DSV	KWS	RAGT	SCP	Lim	R2n	KWS	KWS	KWSM	LimE	KWSM	KWS	ElsW	RAGT	KWS	ElsW	KWS	
UK contact	KWS	DSV	KWS	RAGT	Syn	Lim	RAGT	KWS	KWS	KWS	Lim	KWS	KWS	Els	RAGT	KWS	Els	KWS	

Status in RL system

Year first listed	17	26	25	14	24	12	16	25	26	19	25	25	22	22	25	25	24	25	
RL status	*	P1	P2	-	-	-	*	P2	P1	-	*	P2	-	*	P2	P2	-	P2	

Varieties no longer listed: Almara, Costello, Gleam, KWS Cranium, KWS Newbie, KWS Ultimatum, LG Astronomer, LG Skyscraper, Oxford, RGT Bairstow and RGT Wolverine.
For this table, LG Astronomer and LG Skyscraper were also control varieties but are no longer listed.
RGT Goldfinch has a specific recommendation for resistance to *Barley yellow dwarf virus* (BYDV). Resistance to BYDV is a breeders' claim and has not been verified in RL tests.
Arlington is a provisional UKFM Group 1 variety. This rating will be confirmed in Spring 2026 once commercial assessments have been completed.

Winter wheat 2026/27

Soft Group 4 and Hard Group 4



	Sparkler	LG Redwald	RGT Hexton	KWS Zealum	Blackstone	KWS Aintree	LG Defiance	LG Challenger	KWS Fowlmere	KWS Scope	Champion	LG Beowulf	SY Insitor	RGT Guardsman	KWS Dawsum	Graham	LG Typhoon	Average LSD (5%)
End-use group	Soft Group 4					Hard Group 4												
Scope of recommendation	UK	E&W	UK	N	UK	UK	UK	UK	UK	UK	UK	UK	N	Sp	UK	UK	UK	
Variety status	NEW					NEW	NEW	NEW	NEW		C			NEW				
Fungicide-treated grain yield (% treated control)																		
United Kingdom (11.1 t/ha)	106	106	103	102	101	110	109	107	106	106	106	104	104	103	102	102	100	2.7
East region (10.9 t/ha)	106	105	103	102	101	110	108	107	106	105	105	104	104	103	102	101	100	3.0
West region (11.4 t/ha)	107	107	102	101	99	111	110	107	106	107	107	103	103	103	101	103	98	3.3
North region (10.9 t/ha)	[108]	108	109	103	103	[109]	[109]	[109]	[108]	105	105	107	107	[104]	105	104	102	4.0
Untreated grain yield (% treated control)																		
United Kingdom (11.1 t/ha)	87	89	82	81	82	85	95	93	88	84	82	83	75	87	86	86	83	7.3
Disease resistance																		
Mildew (1–9)	5	[5]	[5]	[6]	[6]	5	7	7	5	[6]	[5]	[5]	[6]	5	[7]	[6]	[6]	1.8
Yellow rust (1–9)	7	6	8	8	5	3	8	7	5	4	4	4	4	7	5	8	5	1.0
Yellow rust (young plant)	s	s	s	s	s	s	s	s	s	s	s	s	s	r	s	s	s	
Brown rust (1–9)	4	7	4	5	6	5	5	5	5	5	5	5	5	6	7	5	6	0.5
Septoria tritici (1–9)	7.2	6.1	6.6	6.3	5.7	6.3	6.3	6.1	6.1	6.6	7.2	6.4	6.5	6.0	6.2	6.4	7.0	0.8
Eyespot (1–9)	[4]	4	5	5	5	[6]	[5]	[5]	[6]	4	4	6	4	[5]	5	4	4	1.3
Fusarium ear blight (1–9)	[6]	7	6	7	7	[5]	[7]	[7]	[7]	6	6	6	7	[5]	7	7	6	0.6
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)	7	4	7	7	8	7	7	7	7	8	7	8	6	3	8	7	8	1.5
Resistance to lodging with PGR (1–9)	6	5	7	7	7	7	5	7	6	8	6	7	7	5	7	8	7	1.2
Lodging without PGR (%)	2	18	2	3	1	2	3	2	2	1	3	1	5	33	1	2	2	-
Lodging with PGR (%)	7	17	3	2	3	3	10	3	7	1	6	2	3	21	3	2	3	-
Straw length without PGR (cm)	92	95	89	90	93	93	97	94	91	90	89	90	95	91	85	90	87	1.7
Straw length with PGR (cm)	80	87	79	81	82	80	87	83	83	78	81	79	82	78	76	79	78	1.3
Ripening (days +/- Skyfall)	+1	+2	+2	+2	+2	0	+1	+1	-2	+1	0	+2	+1	+1	+1	-1	+2	0.7
Resistance to sprouting (1–9)	[6]	[5]	[6]	[6]	[7]	[6]	[7]	[5]	[7]	[6]	5	[6]	5	[5]	6	7	6	0.7

Main market options (The specific attributes of varieties are different, so, whenever possible, varieties should not be mixed in store)

UK bread-making	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UK biscuit, cake-making	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UK distilling quality	H	M	M	M	M	-	-	-	-	-	-	-	-	-	-	-	-
 bread wheat for export	-	-	-	-	-	-	-	-	[Y]	-	-	-	-	-	-	-	-
 soft wheat for export	[Y]	-	[Y]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Grain quality																	
Endosperm texture	Soft	Soft	Soft	Soft	Soft	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Protein content (%)	10.8	10.6	10.6	10.5	10.7	10.4	10.5	10.2	11.0	10.6	10.9	11.0	10.4	10.0	10.8	11.0	10.8
Protein content (%) – milling spec	11.7	11.6	11.9	11.8	11.6	11.3	11.3	11.3	11.9	11.8	12.1	12.3	11.4	10.9	11.9	11.9	11.9
Hagberg Falling Number	226	171	247	214	298	277	260	295	299	251	253	263	279	246	312	284	175
Specific weight (kg/hl)	76.7	75.5	76.4	76.5	78.5	78.7	77.0	78.6	79.8	78.6	75.3	78.3	78.6	75.8	79.6	77.6	77.3
Chopin Alveograph W	99	-	104	-	130	-	-	-	202	-	-	-	-	-	-	-	-
Chopin Alveograph P/L	0.5	-	0.5	-	0.5	-	-	-	0.7	-	-	-	-	-	-	-	-

Annual treated yield (% control)																	
2021 (11.1 t/ha)	-	106	-	101	101	-	-	-	-	-	105	106	105	-	103	102	100
2022 (11.6 t/ha)	-	106	104	102	102	-	-	-	-	105	105	105	104	-	103	103	98
2023 (11.2 t/ha)	106	104	105	101	101	110	109	109	107	107	106	106	105	103	103	102	100
2024 (10.8 t/ha)	109	108	107	102	100	111	111	108	109	108	109	103	106	102	101	106	104
2025 (10.8 t/ha)	107	107	103	103	102	110	108	107	105	104	103	105	103	105	104	102	98

Rotational position																	
First cereal (11.3 t/ha)	106	106	103	102	101	110	109	107	107	106	105	105	104	102	102	103	100
Second and more (9.7 t/ha)	107	107	106	[103]	100	109	110	110	105	105	106	104	107	106	103	100	101

Sowing date (most trials were sown in October)																	
Early sown (before 25 Sep) (11.2 t/ha)	-	103	[106]	103	101	[[110]]	-	[[110]]	-	[[108]]	106	103	[106]	-	104	104	102
Late sown (after 1 Nov) (9.9 t/ha)	[[108]]	104	[101]	[[104]]	103	[[111]]	[[108]]	[[106]]	[[105]]	[103]	105	105	102	[[104]]	104	101	100
Latest safe-sowing date	[[End Jan]]	Mid Feb	[End Jan]	End Jan	Mid Feb	[[End Jan]]	[[End Jan]]	[[End Jan]]	[[End Jan]]	[End Jan]	Mid Feb	End Jan	End Jan	[[End Jan]]	End Jan	End Jan	End Jan

Soil type (about 50% of trials are on medium soils)																	
Light soils (10.2 t/ha)	[106]	106	106	104	103	[109]	[108]	[108]	[108]	104	104	104	107	[[105]]	105	102	101
Heavy soils (11.8 t/ha)	105	104	103	101	100	110	109	106	106	105	106	104	102	101	102	101	99

Breeder/UK contact																	
Breeder	ElsW	LimE	RAGT	KWS	ElsW	KWS	-	-	KWS	KWS	DSV	LimE	SyP	RAGT	KWS	SyP	LimE
UK contact	Els	Lim	RAGT	KWS	Els	KWS	Lim	Lim	KWS	KWS	DSV	Lim	Syn	RAGT	KWS	Syn	Lim

Status in RL system																	
Year first listed	26	23	25	23	24	26	26	26	26	25	22	24	20	26	22	16	22
RL status	P1	-	P2	-	-	P1	P1	P1	P1	P2	-	-	-	P1	-	-	-

Varieties no longer listed: Almara, Costello, Gleam, KWS Cranium, KWS Newbie, KWS Ultimatum, LG Astronomer, LG Skyscraper, Oxford, RGT Bairstow and RGT Wolverine.
For this table, LG Astronomer and LG Skyscraper were also control varieties but are no longer listed.
RGT Guardsman has a specific recommendation for resistance to *Barley yellow dwarf virus* (BYDV). Resistance to BYDV is a breeders' claim and has not been verified in RL tests.

Spring wheat 2026



	KWS Harsum	STR Pace	KWS Ladum	Nissaba	Mulika	Charland	KWS Alicium	KWS Bezique	WPB Mylo	Merkawa	WPB Clifden	Everlong	WPB Fraser	KWS Fixum	Ophelia	Average LSD (5%)	
End-use group	UKFM Group 1						UKFM Group 2			Hard Group 4							
Scope of recommendation	UK	UK	UK	UK	UK	Sp	UK	UK	UK	UK	UK	UK	UK	UK	UK		
Variety status	C						NEW			NEW						*C	
UK yield as % control (spring sowing)																	
Fungicide-treated (7.2 t/ha)	101	100	98	93	93	90	104	103	101	107	105	105	104	103	102	3.0	
Disease resistance																	
Mildew (1–9)	[7]	[8]	[7]	[5]	[7]	6	[8]	[7]	[8]	9	9	[6]	[8]	[7]	[8]	2.0	
Yellow rust (1–9)	7	5	6	5	6	4	7	7	6	7	5	8	8	6	7	0.4	
Brown rust (1–9)	5	7	5	8	6	7	6	6	8	7	6	7	5	6	6	0.9	
Septoria tritici (1–9)	6	[6]	6	6	6	[6]	6	[6]	7	[5]	[5]	6	[6]	6	[6]	0.9	
Orange wheat blossom midge	R	-	-	R	R	R	R	R	-	-	-	-	-	-	-	-	
Agronomic features (spring sowing)																	
Lodging with PGR (%)	[1]	-	[0]	[1]	[4]	-	[3]	-	[1]	-	-	[17]	-	[1]	-	-	
Straw length without PGR (cm)	79	80	73	75	78	73	84	76	74	78	82	79	80	79	77	2.2	
Ripening (days +/- Mulika)	+1	-1	0	+2	0	-1	-2	+1	+1	-1	0	-1	0	+2	-1	1.4	
Grain quality (spring sowing)																	
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard		
Protein content (%)	12.8	13.0	13.3	13.5	14.0	13.8	13.1	12.8	12.9	12.2	12.3	12.9	12.6	12.9	12.0	0.3	
Hagberg Falling Number	326	303	330	306	319	314	346	316	303	296	282	329	233	241	267	19.4	
Specific weight (kg/hl)	78.7	80.6	78.1	76.9	77.0	79.2	80.1	78.7	77.2	77.3	78.0	80.5	75.4	77.5	79.7	0.6	
Annual treated yield (% control, spring sowing)																	
2021 (7.8 t/ha)	102	-	100	93	93	-	103	-	101	-	-	102	-	103	-	4.7	
2022 (7.4 t/ha)	97	101	100	91	96	-	104	104	100	-	-	107	104	104	104	4.0	
2023 (6.9 t/ha)	[100]	[106]	[99]	[97]	[95]	[95]	[107]	[103]	[105]	[109]	[107]	[107]	[108]	[101]	[105]	5.9	
2024 (8.6 t/ha)	[103]	[98]	[97]	[94]	[90]	[90]	[104]	[105]	[102]	[108]	[104]	[102]	[102]	[103]	[102]	5.4	
2025 (5.2 t/ha)	[101]	[99]	[96]	[90]	[90]	[84]	[100]	[100]	[98]	[104]	[106]	[107]	[106]	[103]	[97]	5.2	
Breeder/UK contact																	
Breeder	KWS	Str	KWS	BA	BA	BA	KWSL	KWS	WPB	HRS	WPB	SE	WPB	KWS	-		
UK contact	KWS	AgV	KWS	BA	Sen	BA	KWS	KWS	NPZU	Sen	Lim	COPE	Lim	KWS	Els		
Status in RL system																	
Year first listed	23	25	22	22	11	26	23	25	24	26	26	24	25	22	25		
RL status	-	P2	-	-	-	P1	-	P2	-	P1	P1	-	P2	*	P2		

Varieties no longer listed: KWS Cochise.
For this table, KWS Cochise was also control variety but is no longer listed.
Charland has a specific recommendation for white grain wheat.