

Spring wheat 2025



	STR Pace	KWS Harsum	KWS Ladum	Nissaba	Mulika	KWS Beziqne	KWS Alicium	WPB Mylo	KWS Cochise	Everlong	WPB Fraser	Ophelia	KWS Fixum	Average LSD (5%)
End-use group	UKFM Group 1					UKFM Group 2				Hard Group 4				
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	
Variety status	NEW		C			NEW			C		NEW	NEW		
UK yield as % control (spring sowing)														
Fungicide-treated (7.5 t/ha)	101	101	99	94	94	104	104	102	99	105	105	104	104	3.3
Disease resistance														
Mildew (1–9)	[8]	[7]	[7]	[5]	6	[8]	[8]	[8]	8	[8]	[8]	[8]	[8]	1.0
Yellow rust (1–9)	5	7	7	5	6	7	7	9	4	7	8	6	6	0.4
Brown rust (1–9)	7	5	6	9	7	6	6	8	7	7	5	6	7	0.9
Septoria tritici (1–9)	[6]	6	6	6	6	[6]	6	7	6	6	[6]	[6]	6	0.9
Orange wheat blossom midge	-	R	-	R	R	R	R	-	R	-	-	-	-	-
Agronomic features (spring sowing)														
Lodging with PGR (%)	-	[2]	[1]	[2]	[4]	-	[3]	[1]	[2]	[20]	-	-	[0]	-
Straw length without PGR (cm)	80	78	74	76	79	76	84	73	78	79	79	78	78	2.1
Ripening (days +/- Mulika)	-1	+1	0	+2	0	+1	-1	+2	0	-1	0	-1	+2	1.2
Grain quality (spring sowing)														
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.0	12.8	13.4	13.5	13.9	12.9	13.2	12.9	13.4	12.9	12.5	12.0	12.9	0.3
Hagberg Falling Number	303	325	324	312	327	318	341	301	265	330	232	267	241	19.6
Specific weight (kg/hl)	81.2	78.9	78.5	77.3	77.8	79.2	80.6	77.6	79.0	80.9	75.8	80.3	77.9	0.6
Annual treated yield (% control, spring sowing)														
2020 (6.5 t/ha)	-	[100]	[97]	[95]	[93]	-	[100]	-	[100]	-	-	-	[107]	4.2
2021 (7.8 t/ha)	-	103	100	94	93	-	103	101	98	103	-	-	104	4.3
2022 (7.3 t/ha)	101	98	100	91	96	104	104	100	97	108	104	105	104	3.9
2023 (6.9 t/ha)	[105]	[99]	[97]	[96]	[94]	[102]	[106]	[104]	[100]	[106]	[107]	[104]	[100]	6.1
2024 (8.8 t/ha)	[98]	[104]	[98]	[95]	[91]	[106]	[105]	[103]	[101]	[103]	[103]	[103]	[104]	5.4
Breeder/UK contact														
Breeder	Str	KWS	KWS	BA	BA	KWS	KWSGmbh	WPB	KWS	SE	WPB	-	KWS	
UK contact	AgV	KWS	KWS	BA	Sen	KWS	KWS	NPZU	KWS	COPE	Lim	Els	KWS	
Status in RL system														
Year first listed	25	23	22	22	11	25	23	24	17	24	25	25	22	
RL status	P1	-	-	-	-	P1	-	P2	-	P2	P1	P1	-	

Varieties no longer listed: KWS Lightum and WPB Escape.  
For this table, Hexham was also a control variety but is no longer listed.

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

UKFM = UK Flour Millers  
UK = Recommended for the UK  
C = Yield control

PGR = Plant growth regulator  
[ ] = Limited data

R = Believed to be resistant; as this is a breeders' claim, this has not been verified in RL tests  
P1 = First year of listing  
P2 = Second year of listing

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

AgV = Agrovista UK Ltd ([agrovista.co.uk](https://www.agrovista.co.uk))  
BA = Blackman Agriculture  
COPE = Cope Seeds & Grain ([copeseeds.co.uk](https://www.copeseeds.co.uk))

Els = Elsoms Seeds Ltd ([elsoms.com](https://www.elsoms.com))  
KWS = KWS UK ([kws-uk.com](https://www.kws-uk.com))  
KWSGmbh = KWS Lochow GmbH ([kws-uk.com](https://www.kws-uk.com))

Lim = Limagrain UK ([lgseeds.co.uk](https://www.lgseeds.co.uk))  
NPZU = NPZ UK ([npz-uk.com](https://www.npz-uk.com))  
SE = Saatzucht Edelhof, Austria ([saatzucht.edelhof.at](https://www.saatzucht.edelhof.at))

Sen = Senova ([senova.uk.com](https://www.senova.uk.com))  
Str = Strube, Germany  
WPB = Wiersum Plant Breeding