

Spring wheat 2024



	KWS Harsum	KWS Ladum	Mulika	Nissaba	KWS Alicium	WPB Mylo	KWS Lightum	KWS Cochise	SEW19-3003SW ¹	KWS Fixum	WPB Escape	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	
Variety status			C			NEW		C	NEW		*	
UK yield as % control (spring sowing)												
Fungicide-treated (7.1 t/ha)	102	101	95	95	105	103	101	101	107	106	102	3.1
Disease resistance												
Mildew (1–9)	[7]	[7]	6	[5]	[8]	[8]	[8]	8	[8]	[8]	8	1.0
Yellow rust (1–9)	7	7	6	5	7	9	6	4	7	6	8	0.4
Brown rust (1–9)	5	6	8	9	6	8	6	8	7	7	5	0.9
Septoria tritici (1–9)	6	[6]	6	[6]	7	[7]	7	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]	[4]	[2]	[3]	[1]	[0]	[2]	[19]	[0]	[1]	-
Straw length without PGR (cm)	78	75	78	76	84	74	78	77	79	78	72	1.9
Ripening (days +/- Mulika)	+1	-1	0	+2	-1	+1	0	0	-1	+1	+1	1.2
Grain quality (spring sowing)												
Endosperm texture	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	
Protein content (%)	13.0	13.5	14.0	13.8	13.3	13.3	13.6	13.6	13.0	13.0	13.0	0.2
Hagberg Falling Number	329	333	332	310	342	297	325	259	330	237	270	18.9
Specific weight (kg/hl)	78.5	78.1	77.3	76.7	80.2	77.2	78.3	78.6	80.4	77.6	76.3	0.6
Annual treated yield (% control, spring sowing)												
2019 (7.0 t/ha)	-	103	93	92	-	-	-	105	-	108	104	4.1
2020 (6.4 t/ha)	[102]	[98]	[94]	[96]	[101]	-	[100]	[101]	-	[108]	[103]	4.1
2021 (7.6 t/ha)	105	103	96	96	106	104	106	100	105	106	[103]	4.4
2022 (7.3 t/ha)	99	101	98	92	105	101	100	98	109	105	101	4.1
2023 (7.1 t/ha)	[100]	[99]	[96]	[97]	[107]	[105]	[97]	[100]	[108]	[101]	[99]	6.2
Breeder/UK contact												
Breeder	KWS	KWS	BA	BA	KWSGmbH	WPB	KWS	KWS	SE	KWS	WPB	
UK contact	KWS	KWS	Sen	BA	KWS	LSPB	KWS	KWS	Cope	KWS	LSPB	
Status in RL system												
Year first listed	23	22	11	22	23	24	23	17	24	22	21	
RL status	P2	-	-	-	P2	P1	P2	-	P1	-	*	

Varieties no longer listed: Hexham, KWS Chilham, KWS Giraffe and KWS Talisker.

For this table, Hexham was also a control variety but is no longer listed.

¹ SEW19-3003SW (proposed name 'Everlong') will be added to the GB and NI Variety Lists (VL) in Spring 2024, provided no representations are received.

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 to the trait but 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

BA = Blackman Agriculture
Cope = Cope Seeds & Grain (copeseeds.co.uk)
KWSGmbH = KWS Lochow GmbH (kws-uk.com)

KWS = KWS UK (kws-uk.com)
LSPB = LS Plant Breeding (lspb.eu)

SE = Saatwucht Edelfhof, Austria (saatwucht.edelfhof.at)
Sen = Senova (senova.uk.com)
WPB = Wiersum Plant Breeding