

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 | NPZU | KWS | KWS | Cope | KWS | NPZU | |
| 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)
NPZU = NPZ UK (npz-uk.com)

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