

Spring oats 2025



| | Caledon | Merlin | WFB Isabel | Canyon | Asterion | Conway | RGT Vaughan | Described | | | Year 4 Candidates | | | | Average LSD (5%) |
|--|---------|--------|------------|--------|----------|--------|-------------|-----------|---------|--------|-------------------|--------|-------------|-------|------------------|
| | Husked | | | | | | | Naked | | | Husked | | | | |
| Variety type | | | | | | | | Oliver | Ovation | Lennon | Jacky | Neptun | KWS Vibrant | Nova | |
| Scope of recommendation | UK | UK | UK | UK | UK | UK | UK | UK | UK | UK | | | | | |
| Variety status | NEW | | C | C | | | | | | | | | | | |
| UK yield (% treated control) | | | | | | | | | | | | | | | |
| Fungicide-treated (7.5 t/ha) | 105 | 101 | 100 | 100 | 99 | 96 | 94 | 72 | 71 | 70 | 103 | 102 | 102 | 100 | 4.2 |
| Untreated (% of treated control, 7.5 t/ha) | 98 | 94 | 86 | 93 | 94 | 85 | 89 | 60 | 64 | 63 | [97] | [93] | [94] | [95] | 4.6 |
| Disease resistance | | | | | | | | | | | | | | | |
| Mildew (1-9) | 8 | 7 | 5 | 8 | 8 | 6 | 8 | 3 | 6 | 6 | 8 | 8 | 8 | 8 | 0.9 |
| Crown rust (1-9) | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 1.6 |
| Agronomic features | | | | | | | | | | | | | | | |
| Resistance to lodging without PGR (1-9) | [7] | 8 | 7 | 7 | [7] | 7 | [7] | 7 | [6] | [7] | - | - | - | - | 1.2 |
| Straw length without PGR (cm) | [112] | 106 | 110 | 111 | 109 | 102 | 108 | 104 | 109 | 98 | [117] | [114] | [101] | [113] | 3.1 |
| Ripening (days +/- WFB Isabel) | -1 | -2 | 0 | -2 | -1 | -1 | -2 | -1 | -3 | -2 | -1 | -2 | 0 | 0 | 1.4 |
| Grain quality | | | | | | | | | | | | | | | |
| Kernel content (%) | 72.8 | 71.4 | 72.8 | 71.5 | 72.8 | 71.4 | 72.8 | - | - | - | 73.3 | 74.3 | 73.0 | 72.5 | 1.2 |
| Specific weight (kg/hl) | 51.5 | 51.5 | 53.6 | 51.6 | 52.0 | 49.5 | 52.4 | 58.7 | 54.2 | 56.8 | 51.5 | 54.0 | 50.7 | 51.2 | 1.2 |
| Screenings (% through 2.0 mm) | 1.9 | 1.6 | 1.9 | 2.7 | 2.3 | 2.4 | 2.5 | - | - | - | 2.4 | 1.9 | 2.6 | 2.7 | 0.6 |
| Screenings (% through 1.8 mm) | - | - | - | - | - | - | - | 6.3 | 13.8 | 12.8 | - | - | - | - | 1.6 |
| Annual treated yield (% control) | | | | | | | | | | | | | | | |
| 2020 (6.4 t/ha) | - | [98] | [99] | [101] | [97] | [99] | [100] | [73] | [77] | [74] | - | - | - | - | 7.6 |
| 2021 (8.0 t/ha) | [103] | [101] | [100] | [100] | [102] | [98] | [94] | [72] | [71] | [65] | - | - | - | - | 4.3 |
| 2022 (7.9 t/ha) | [110] | [103] | [99] | [101] | [101] | [95] | [97] | [73] | [73] | [70] | [105] | [104] | [104] | [100] | 5.9 |
| 2023 (7.4 t/ha) | [104] | [102] | [102] | [98] | [102] | [94] | [92] | [73] | [73] | [73] | [104] | [101] | [101] | [100] | 7.7 |
| 2024 (8.0 t/ha) | [101] | [99] | [100] | [100] | [94] | [94] | [91] | [68] | [64] | [69] | [100] | [100] | [99] | [97] | 5.9 |
| Breeder/UK contact | | | | | | | | | | | | | | | |
| Breeder | Nord | Selg | Wier | Nord | Nord | IBERS | R2n | Selg | IBERS | IBERS | Nord | Nord | KWSMR | IBERS | |
| UK contact | SU | COPE | KWS | SU | SU | Sen | RAGT | COPE | Sen | Sen | SU | SU | KWS | Sen | |
| Status in RL system | | | | | | | | | | | | | | | |
| Year first listed | 25 | 22 | 20 | 11 | 24 | 14 | 23 | 18 | 24 | 22 | - | - | - | - | |
| RL status | P1 | - | - | - | P2 | - | - | - | P2 | - | - | - | - | - | |

Variety no longer listed: Lion.
 Naked spring oat varieties are described. Data is provided for information only and does not constitute a recommendation.

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).
 Candidate varieties will be considered for the RL 2026.

C = Yield control
 [] = Limited data
 PGR = Plant growth regulator
 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

COPE = Cope Seeds & Grain (copeseeds.co.uk)
 IBERS = Institute of Biological, Environ. & Rural Sciences (aber.ac.uk/en/ibers)
 KWS = KWS UK (kws-uk.com)
 KWSMR = KWS Momont Recherche (kws-uk.com)
 Nord = Nordsaat, Germany (nordsaat.de)
 R2n = RAGT, France (ragt.co.uk)

RAGT = RAGT Seeds (ragt.co.uk)
 Selg = Selgen, Czech Republic (selgen.eu)
 Sen = Senova (senova.uk.com)
 SU = Saaten Union UK (saaten-union.co.uk)
 Wier = Wiersum BV, Netherlands