

Winter oilseed rape 2024/25



| | LG Armada | LG Academic | LG Adeline | Turing | Dolphin | LG Auckland | Attica | Murray | Vegas | Ambassador | LG Wagner | Aurelia | LG Aviron | LG Adonis | PT303 | Dart | Tennyson | PI Pinnacle | Tom | Annika | Acacia | Aspire | Amarone | Matrix CL | Beatrice CL | Miraculix CL | LG Constructor CL | Crocaille | Crome | Resort | PX131 | Average LSD (5%) | | |
|--|-----------|-------------|------------|--------|---------|-------------|--------|--------|--------|------------|-----------|---------|-----------|-----------|--------|--------|----------|------------------------------|---------|--------|--------|--------|--------------------|-----------|-------------|--------------|--------------------|-----------|-----------|--------|---------|------------------|-----|--|
| | Hybrid | | | | | | | | | | | | | | | | | Conventional open-pollinated | | | | | Herbicide tolerant | | | | Clubroot resistant | | Described | | | | | |
| Variety type | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Conv | Conv | Conv | Conv | Conv | Conv | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | Hybrid | | |
| Scope of recommendation | UK | UK | UK | UK | E/W | E/W | UK | E/W | UK | N | UK | UK | UK | E/W | UK | E/W | E/W | UK | UK | E/W | UK | UK | N | N | UK Sp | N Sp | N Sp | UK Sp | E/W Sp | UK Sp | UK HEAR | UK SD | | |
| Variety status | NEW | NEW | NEW | | NEW | | | | | C | | C | * | * | * | * | * | NEW | | | | | | | | NEW | * | | | | | | | |
| Gross output, yield adjusted for oil content (% treated control) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| United Kingdom (5.1 t/ha) | 107 | 106 | 106 | 106 | 105 | 105 | 105 | 105 | 104 | 104 | 103 | 103 | 102 | 101 | 101 | 99 | 96 | 102 | 102 | 99 | 98 | 96 | 95 | 96 | 96 | 96 | 95 | 92 | 98 | 96 | 88 | 88 | 4.2 | |
| East/West region (5.0 t/ha) | 106 | 106 | 106 | 106 | 106 | 105 | 105 | 105 | 104 | 104 | 102 | 103 | 102 | 101 | 101 | 100 | 97 | 103 | 101 | 99 | 98 | 96 | 94 | 97 | 96 | 95 | 93 | 99 | 96 | 88 | 88 | 4.8 | | |
| North region (6.0 t/ha) | 107 | 107 | 108 | 105 | [102] | 103 | 104 | 102 | 102 | 101 | 108 | 102 | 103 | 100 | 100 | 92 | 93 | 101 | 102 | 98 | 99 | 98 | 100 | 94 | 92 | 96 | 89 | 95 | 96 | 87 | 92 | 4.7 | | |
| Seed yield (% treated control) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| United Kingdom (4.8 t/ha) | 106 | 106 | 106 | 107 | 103 | 104 | 105 | 105 | 104 | 104 | 103 | 103 | 103 | 100 | 100 | 99 | 96 | 104 | 101 | 99 | 98 | 96 | 96 | 96 | 94 | 94 | 93 | 99 | 95 | 88 | 87 | 4.0 | | |
| East/West region (4.7 t/ha) | 106 | 106 | 106 | 107 | 103 | 105 | 105 | 106 | 104 | 104 | 102 | 103 | 103 | 100 | 100 | 100 | 97 | 104 | 101 | 99 | 98 | 95 | 95 | 96 | 95 | 94 | 94 | 99 | 95 | 88 | 87 | 4.5 | | |
| North region (5.5 t/ha) | 107 | 107 | 109 | 107 | [100] | 102 | 104 | 103 | 102 | 102 | 108 | 103 | 104 | 99 | 100 | 92 | 94 | 102 | 102 | 98 | 99 | 98 | 100 | 94 | 92 | 96 | 90 | 96 | 95 | 86 | 91 | 4.6 | | |
| Untreated yield (% untreated control) – UK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gross output (5.3 t/ha) | - | - | - | 103 | - | 105 | 102 | 105 | 106 | 103 | [106] | 104 | 105 | 102 | 100 | 96 | 94 | - | 103 | 96 | 98 | 96 | 99 | 95 | 95 | - | 87 | 98 | 94 | 87 | 86 | 6.4 | | |
| Seed yield (4.9 t/ha) | - | - | - | 104 | - | 104 | 102 | 105 | 105 | 103 | [106] | 104 | 107 | 101 | 100 | 96 | 94 | - | 102 | 96 | 99 | 96 | 100 | 94 | 94 | - | 88 | 99 | 93 | 87 | 85 | 6.1 | | |
| Disease resistance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Light leaf spot (1–9) | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 6 | 0.6 | |
| Stem canker (1–9) | 6 | 6 | 6 | 4 | 7 | 5 | 5 | 8 | 9 | 6 | 5 | 5 | 6 | 6 | 6 | 5 | 7 | 4 | 5 | 5 | 5 | 5 | 4 | 7 | 6 | 7 | 4 | 3 | 3 | 4 | 5 | 1.0 | | |
| Verticillium | - | - | - | 1 | [MR] | [S] | [S] | [MR] | [1] | S | [S] | [1] | [S] | [MR] | - | [1] | [MR] | [1] | [1] | [MR] | [1] | [1] | [S] | [1] | 1 | [1] | [S] | [1] | [MR] | [1] | [MR] | - | | |
| TuYV | R | R | R | - | R | R | R | - | - | R | R | R | R | R | R | R | R | - | - | R | - | R | R | R | R | R | R | - | - | - | - | - | - | |
| Agronomic features | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Resistance to lodging (1–9) | [8.0] | [7.9] | [8.0] | [7.9] | [8.0] | [7.8] | [7.9] | [8.0] | [7.9] | [8.0] | [8.0] | [7.9] | [7.8] | [7.9] | [7.9] | [7.9] | [7.8] | [8.0] | [7.9] | [8.0] | [8.0] | [7.9] | [8.0] | [7.7] | [7.9] | [7.9] | [7.9] | [7.9] | [7.9] | [7.9] | [8.0] | [8.0] | 0.1 | |
| Stem stiffness (1–9) | 8 | 8 | 8 | 8 | 9 | 7 | 8 | 9 | 8 | 8 | 8 | 7 | 7 | 8 | [8] | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | [8] | 8 | 8 | 8 | 8 | 0.6 | |
| Shortness of stem (1–9) | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 9 | 0.3 | | |
| Plant height (cm) | 152 | 152 | 150 | 142 | 143 | 148 | 148 | 148 | 148 | 146 | 142 | 143 | 147 | 140 | 157 | 143 | 143 | 148 | 140 | 142 | 138 | 134 | 136 | 151 | 145 | 151 | 142 | 141 | 139 | 143 | 110 | 3.2 | | |
| Earliness of flowering (1–9) | 5 | 7 | 7 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 7 | 5 | 7 | 6 | 5 | 7 | 6 | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 6 | 0.4 | | |
| Earliness of maturity (1–9) | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 6 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 5 | 5 | 5 | 0.4 | | |
| Pod shatter resistance | R | R | R | - | - | R | R | - | - | R | R | R | R | - | - | - | - | - | - | - | - | - | - | R | R | R | R | - | - | - | - | - | | |
| Seed quality (at 9% moisture) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oil content, fungicide-treated (%) | 45.5 | 45.2 | 44.9 | 44.4 | 46.6 | 45.5 | 45.3 | 44.5 | 45.4 | 44.7 | 45.0 | 44.8 | 44.4 | 46.1 | 45.7 | 45.2 | 44.8 | 44.4 | 45.2 | 44.9 | 44.9 | 45.2 | 44.7 | 45.6 | 45.8 | 45.6 | 44.1 | 44.8 | 45.8 | 45.5 | 46.0 | 0.3 | | |
| Glucosinolate (µmol/g) | 12.6 | 14.1 | 14.7 | 10.4 | 13.0 | 12.2 | 12.0 | 11.1 | 11.0 | 10.9 | 11.7 | 10.2 | 11.2 | 9.7 | 8.0 | 10.0 | 11.1 | 13.0 | 11.6 | 11.6 | 8.1 | 9.9 | 11.9 | 14.2 | 15.3 | 15.2 | 15.8 | 12.8 | 10.8 | 14.0 | 9.4 | - | | |
| Annual treated gross output, yield adjusted for oil content (% control) – UK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 (5.6 t/ha) | - | - | - | 105 | - | 103 | 106 | 102 | 102 | 103 | 106 | 103 | 104 | 100 | 101 | 97 | 96 | - | [102] | 97 | 98 | 95 | 97 | 96 | [94] | - | 93 | 96 | 96 | 86 | 90 | - | | |
| 2021 (5.2 t/ha) | 107 | 106 | 109 | 107 | 103 | 104 | 105 | 105 | 104 | 102 | 104 | 103 | 101 | 102 | 102 | 96 | 95 | 103 | 102 | 99 | 100 | 97 | 98 | 94 | 93 | 96 | 90 | 98 | 97 | 90 | 91 | - | | |
| 2022 (5.8 t/ha) | 107 | 107 | 106 | 106 | 104 | 104 | 104 | 103 | 103 | 102 | 105 | 102 | 103 | 101 | 100 | 97 | 95 | 102 | 101 | 100 | 99 | 97 | 98 | 96 | 96 | 96 | 93 | 99 | 95 | 88 | 90 | - | | |
| 2023 (5.4 t/ha) | 107 | 107 | 107 | 105 | 105 | 105 | 104 | 104 | 103 | 102 | 105 | 102 | 102 | 101 | - | 94 | 93 | 101 | 103 | 97 | 98 | 99 | 97 | 95 | 93 | 95 | 93 | 95 | 97 | 87 | 90 | - | | |
| Treatment benefit at co-located sites (% treated control, 5.5 t/ha) – UK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Treated gross output | - | - | - | 105 | - | 106 | 103 | 100 | 102 | 102 | [108] | 103 | 104 | 100 | 99 | 95 | 95 | - | 102 | 99 | 98 | 96 | 99 | 97 | 98 | - | 89 | 96 | 94 | 86 | 88 | 5.9 | | |
| Untreated gross output | - | - | - | 99 | - | 101 | 98 | 100 | 102 | 99 | [102] | 100 | 101 | 98 | 96 | 92 | 90 | - | 98 | 92 | 94 | 92 | 95 | 91 | 91 | - | 84 | 94 | 90 | 84 | 83 | 6.2 | | |
| Breeder/UK contact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Breeder | LimEur | LimEur | LimEur | NPZ | DSV | LimEur | LimEur | NPZ | NPZ | LimEur | LimEur | LimEur | LimEur | LimEur | PionOS | DSV | SyP | Pick | CBI | LimEur | LimEur | LimEur | LimEur | DSV | DSV | DSV | LimEur | DSV | NPZ | Lemb | PionOS | | | |
| UK contact | Lim | Lim | Lim | NPZU | DSV | Lim | Lim | NPZU | NPZU | Lim | Lim | Lim | Lim | Lim | Cor | DSV | Els | GSD | FrontAg | Lim | Lim | Lim | Lim | DSV | DSV | DSV | Lim | DSV | NPZU | NPZU | Cor | | | |
| Status in RL system | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year first listed | 24 | 24 | 24 | 23 | 24 | 22 | 23 | 23 | 23 | 20 | 23 | 20 | 21 | 22 | 22 | 22 | 22 | 24 | 23 | 22 | 20 | 19 | 22 | 22 | 23 | 24 | 22 | 20 | 19 | 20 | 20 | | | |
| RL status | P1 | P1 | P1 | P2 | P1 | - | P2 | P2 | P2 | - | P2 | - | * | * | * | * | P1 | P2 | - | - | - | - | - | - | P2 | P1 | * | - | - | - | - | | | |

Varieties no longer listed: Crossfit, DK Expectation, DK Imprint CL, Flemming, LG Antigua, PT279CL, Respect and V 316 OL.

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

High Erucic Acid (HEAR) and semi-dwarf (SD) varieties are described. Data is provided for information only and does not constitute a recommendation.

Yield figures for regions where the variety is not recommended are provided for information only and are indicated in italics.

Herbicide-tolerant varieties have a specific recommendation for tolerance to specific imidazolinone herbicides (a Clearfield® variety).

Clubroot-resistant varieties have a specific recommendation for growing on land infected with common strains of clubroot. They are believed to be resistant to common strains of clubroot, but this has not been verified in RL tests. These varieties should only be used in line with AHDB clubroot management guidelines, to reduce the risk of resistance breakdown.

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

The target (spring) plant population is 40 plants/m² for RL trials. Maximum seed rate is 70 seeds/m² and may be lower if conditions permit.

Glucosinolate contents are taken from the GB and NI Variety Lists trial data.

Untreated trials are treated for sclerotinia at flowering.

Treatment benefit at co-located sites is calculated from a subset of trial locations where both treated and untreated trials are present. Data is presented as a percentage of the treated control varieties at these sites only.

UK = Recommended for the UK
 E/W = Recommended for the East/West region
 N = Recommended for the North region
 Sp = Specific recommendation
 Conv = Conventional open-pollinated variety
 C = Yield control
 * = Variety no longer under test in RL trials

TuYV = Turnip yellows virus
 [] = Limited data
 P1 = First year of listing
 P2 = Second year of listing

R = Believed to be resistant to the trait, but this has not been verified in RL tests
 MR = Moderately resistant
 I = Intermediate
 S = Susceptible

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

CBI = Cluser Breeding International GmbH
 Cor = Corteva Agriscience™ (corteva.co.uk/pioneer)
 DSV = DSV UK Ltd (dsv-uk.co.uk)
 Els = Elsoms Seeds Ltd (elsoms.com)
 FrontAg = Frontier Agriculture Ltd (frontierag.co.uk)

GSD = Grainseed (grainseed.co.uk)
 Lemb = Lembe, Germany
 Lim = Limagrain UK (lgseeds.co.uk)
 LimEur = Limagrain Europe SA (lgseeds.co.uk)

NPZ = NPZ-Lembke, Germany (npz.de)
 NPZU = NPZ UK (npz-uk.com)
 Pick = Mike Pickford
 PionOS = Pioneer Overseas Corporation (corteva.co.uk/pioneer)
 SyP = Syngenta Participations AG (syngenta.co.uk)