

Winter barley varieties grown in RL trials in 2022 but not added to the AHDB Recommended List

| | Control varieties | | | | | Other varieties | | Average LSD (5%) |
|--|-------------------|-------|-------------|----------------|-------|-----------------|--------------|------------------|
| | Electrum | Craft | LG Mountain | SY Kingsbarn # | Funky | LG Campus | SY Javelin # | |
| Fungicide-treated grain yield (% treated control) | | | | | | | | |
| United Kingdom (9.8 t/ha) | 96 | 94 | 102 | 106 | 102 | 103 | 105 | 2.4 |
| East region (9.5 t/ha) | 96 | 94 | 102 | 106 | 101 | 106 | 107 | 2.9 |
| West region (9.90 t/ha) | 96 | 94 | 102 | 106 | 103 | [100] | 105 | 3.6 |
| North region (10.4 t/ha) | 96 | 94 | 101 | 107 | 103 | [102] | 102 | 3.3 |
| Untreated grain yield (% treated control) | | | | | | | | |
| United Kingdom (9.8 t/ha) | 79 | 79 | 83 | 85 | 88 | 86 | 88 | 4.7 |
| Main market options | | | | | | | | |
| MBC malting approval for brewing use | F | F | - | - | - | - | - | |
| Grain quality | | | | | | | | |
| Specific weight (kg/hl) | 70.5 | 70.7 | 71.1 | 70.9 | 70.0 | 70.4 | 69.7 | 0.7 |
| Screenings (% through 2.25 mm) | 2.3 | 2.2 | 1.9 | 1.4 | 3.5 | 1.8 | 2.3 | 0.7 |
| Screenings (% through 2.5 mm) | 6.6 | 6.7 | 5.8 | 5.4 | 13.4 | 5.5 | 8.7 | 1.7 |
| Nitrogen content (%) | 1.76 | 1.71 | - | - | - | - | - | 0.14 |
| Agronomic features | | | | | | | | |
| Resistance to lodging without PGR (1–9) | 7 | 7 | 6 | 6 | 8 | - | [5] | 1.7 |
| Resistance to lodging with PGR (1–9) | 7 | 8 | 7 | 7 | 7 | 7 | 6 | 1.4 |
| Straw length without PGR (cm) | 98 | 96 | 91 | 111 | 95 | [99] | 107 | 3.9 |
| Straw length with PGR (cm) | 90 | 89 | 84 | 104 | 91 | 88 | 102 | 2.4 |
| Ripening (days +/- KWS Orwell) | -1 | 0 | -1 | 0 | -1 | +1 | -1 | 1.0 |
| Disease resistance | | | | | | | | |
| Mildew (1–9) | 6 | 6 | 5 | 7 | 5 | 4 | 4 | 1.2 |
| Brown rust (1–9) | 7 | 7 | 7 | 5 | 7 | - | 6 | 1.0 |
| Rhynchosporium (1–9) | 5 | 6 | 5 | 6 | 6 | 6 | 7 | 1.2 |
| Net blotch (1–9) | 5 | 5 | 5 | 5 | 5 | [6] | 5 | 0.9 |
| BaYMV | R | R | R | R | R | R | R | - |
| Breeder/UK contact | | | | | | | | |
| Breeder | SyP | SyP | LimEur | SyP | KWSMR | LimEur | SyP | |
| UK contact | Syn | Syn | Lim | Syn | KWS | Lim | Syn | |

This table should be read in conjunction with the AHDB RL of winter barley varieties for 2023/24.
 On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).
 Comparisons of varieties across regions are not valid.

= Hybrid variety
 PGR = Plant growth regulator
 [] = Limited data
 F = Full MBC approval

R = Believed to be resistant to *Barley mild mosaic virus* (BaMMV) and to *Barley yellow mosaic virus* (BaYMV) strain 1, but this has not been verified in RL tests

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

KWS = KWS UK (kws-uk.com)
 KWSMR = KWS Momont Recherche (kws-uk.com)
 Lim = Limagrain UK (lgseeds.co.uk)

LimEur = Limagrain Europe SA (lgseeds.co.uk)
 Syn = Syngenta UK Ltd (syngenta.co.uk)
 SyP = Syngenta Participations AG (syngenta.co.uk)