

AHDB RL harvest results - Winter barley 2023 (Final results)

| 27-Nov | | Treated grain yield (t/ha) - as % mean of controls | | | | | | | | | | | | | | | |
|------------------|--------|--|------|--------|---------|----------|----------|-----------|---------|---------|---------|---------|---------|----------|---------|---------|----------|
| Name | Code | 19-23 | 2023 | Murton | Croft | Welbourn | Kingston | Tibthorpe | Harston | Morley | Limavad | Blkburn | St-Bosw | Balgonie | Lidgate | Baumber | Hlegh |
| | | mean | mean | Nrthum | NYorks | Lincs | Devon | EYorks | Cambs | Norfk | Lderry | Aberdn | ScBord | Fife | Suffolk | Lincs | Ches |
| Control mean | | 9.76 | 10.1 | 11.93 | 11.53 | 8.28 | 10.28 | 10.79 | 11.80 | 7.89 | 9.60 | 8.52 | 12.03 | 11.32 | 9.05 | 10.54 | 7.83 |
| LSD 5% (as %C) | | 2.5 | 3.5 | 6.0 | 5.5 | 5.9 | 6.1 | 5.8 | 7.1 | 4.7 | 7.9 | 10.1 | 7.0 | 4.2 | 6.5 | 4.8 | 6.0 |
| CV% | | 4.2 | 4.5 | 3.6 | 3.1 | 3.3 | 3.6 | 3.0 | 4.2 | 2.6 | 4.3 | 5.9 | 4.0 | 2.4 | 3.6 | 2.8 | 3.3 |
| Sowing date | | | | 13-Sep | 21-Sep | 27-Sep | 06-Oct | 22-Sep | 22-Sep | 06-Oct | 12-Oct | 07-Oct | 23-Sep | 28-Sep | 22-Sep | 27-Sep | 12-Sep |
| Previous crop | | | | V-pea | W-wheat | S-barley | W-oat | W-rape | Other | W-wheat | W-rape | W-rape | W-wheat | W-wheat | W-wheat | W-bean | S-barley |
| Soil type | | | | Medium | Medium | Shallow | Medium | Medium | Medium | Medium | Medium | Medium | L-sand | L-sand | D-clay | Medium | Medium |
| Tillage | | | | Deep | Plough | Plough | Plough | Deep | Plough | Deep | Plough | Plough | Plough | Plough | Plough | Plough | Plough |
| Craft (C) | WB2743 | 93 | 91 | 92 | 90 | 83 | 94 | 96 | 83 | 94 | 94 | 91 | 86 | 98 | 93 | 91 | 89 |
| Electrum (C) | WB2886 | 96 | 97 | 94 | 95 | 101 | 94 | 101 | 101 | 100 | 94 | 97 | 94 | 95 | 103 | 98 | 94 |
| SY Kingsbarn (C) | WB2945 | 107 | 110 | 106 | 110 | 116 | 112 | 108 | 110 | 115 | 110 | 111 | 117 | 103 | 101 | 112 | 116 |
| KWS Tardis (C) | WB3120 | 103 | 103 | 107 | 102 | 100 | 99 | 98 | 104 | 99 | 102 | 106 | 105 | 104 | 109 | 104 | 104 |
| KWS Feeris (C) | WB3222 | 102 | 99 | 101 | 104 | 100 | 101 | 97 | 103 | 92 | 99 | 95 | 98 | 100 | 95 | 94 | 98 |
| KWS Orwell | WB2728 | 100 | 99 | 103 | 97 | 100 | 99 | 99 | 98 | 99 | 100 | 91 | 97 | 102 | 100 | 100 | 99 |
| Bazooka | WB2737 | 104 | 105 | 101 | 108 | 108 | 106 | 101 | 102 | 108 | 106 | 102 | 112 | 112 | 96 | 103 | 110 |
| Belfry | WB2739 | 105 | 107 | 104 | 113 | 106 | 105 | 106 | 108 | 109 | 100 | 107 | 117 | 105 | 99 | 106 | 101 |
| Valerie | WB2964 | 99 | 101 | 102 | 92 | 106 | 105 | 98 | 106 | 105 | 82 | 109 | 103 | 102 | 105 | 99 | 104 |
| LG Mountain | WB2976 | 101 | 100 | 97 | 95 | 104 | 97 | 105 | 104 | 110 | 88 | 104 | 95 | 107 | 100 | 102 | 98 |
| SY Kingston | WB3030 | 107 | 107 | 102 | 110 | 114 | 109 | - | 110 | 115 | 119 | 101 | 98 | 104 | 101 | 108 | 111 |
| KWS Hawking | WB3050 | 99 | 99 | 104 | 96 | 103 | 104 | 97 | 103 | 98 | 95 | 95 | 97 | 100 | 105 | 98 | 90 |
| SY Thunderbolt | WB3116 | 107 | 107 | 109 | 109 | 109 | 107 | 103 | 108 | 107 | 102 | 107 | 112 | 109 | 103 | 105 | 114 |
| Bordeaux | WB3132 | 102 | 102 | 105 | 97 | 102 | 99 | 104 | 106 | 104 | 107 | 106 | 99 | 101 | 105 | 105 | 96 |
| Bolton | WB3147 | 103 | 101 | 97 | 100 | 104 | 97 | 104 | 100 | 105 | 95 | 102 | 95 | 103 | 103 | 99 | 108 |
| SY Canyon | WB3212 | 106 | 106 | 107 | 111 | 110 | 107 | 97 | 110 | 105 | 98 | 108 | 114 | 105 | 93 | 106 | 103 |
| LG Dazzle | WB3215 | 101 | 101 | 102 | 100 | 105 | 102 | 105 | 99 | 101 | 99 | 91 | 98 | 105 | 101 | 101 | 106 |
| Lightning | WB3239 | 103 | 105 | 106 | 101 | 112 | 106 | 109 | 104 | 112 | 94 | 98 | 99 | 109 | 108 | 106 | 106 |
| SY Nephin | WB3299 | 104 | 104 | 106 | 111 | 100 | 104 | 101 | 104 | 108 | 102 | 103 | 106 | 108 | 98 | 109 | 97 |
| LG Caravelle | WB3305 | 106 | 104 | 106 | 103 | 108 | 105 | 108 | 98 | 106 | 105 | 102 | 97 | 104 | 111 | 108 | 102 |
| Buccaneer | WB3321 | 99 | 98 | 97 | 101 | 103 | 94 | 100 | 98 | 101 | 105 | 94 | 89 | 97 | 100 | 95 | 101 |
| Bolivia | WB3327 | 103 | 101 | 101 | 98 | 107 | 94 | 105 | 98 | 106 | 94 | 109 | 103 | 101 | 105 | 101 | 101 |
| Demoisel | WB3391 | 98 | 97 | 91 | 96 | 106 | 105 | 94 | 101 | 98 | 94 | 92 | 102 | 94 | 95 | 101 | 93 |
| LG Capitol | WB3394 | 106 | 105 | 104 | 102 | 103 | 106 | 106 | 105 | 110 | 99 | 110 | 103 | 102 | 110 | 107 | 100 |
| Valiant | WB3397 | 103 | 103 | 101 | 101 | 109 | 100 | 105 | 101 | 108 | 105 | 97 | 98 | 106 | 104 | 103 | 107 |
| Valvira | WB3398 | 103 | 102 | 100 | 105 | 99 | 103 | 93 | 102 | 101 | 118 | 101 | 98 | 107 | 93 | 101 | 108 |
| SY Loona | WB3413 | 109 | 111 | 110 | 114 | 106 | 109 | 107 | 108 | 114 | 120 | 111 | 116 | 111 | 106 | 111 | 112 |
| SY Harrier | WB3416 | 103 | 102 | 98 | 105 | 111 | 105 | 98 | 106 | 110 | 101 | 98 | 103 | 97 | 99 | 104 | 94 |
| SY Buzzard | WB3417 | 103 | 102 | 102 | 102 | 107 | 103 | 102 | 104 | 107 | 104 | 96 | 105 | 97 | 98 | 104 | 93 |
| Aleksandra | WB3419 | 101 | 99 | 103 | 103 | 106 | 111 | 95 | 86 | 103 | 92 | 86 | 97 | 99 | 101 | 104 | 100 |
| Resolute | WB3420 | 104 | 104 | 105 | 102 | 118 | 101 | 105 | 105 | 106 | 94 | 101 | 95 | 108 | 109 | 105 | 107 |

(C) = yield control

Data were assembled with care but treat differences below LSD cautiously. Performance variation is not AHDB's responsibility.

Not all varieties on the AHDB Recommended List are presented, since the focus is to test new varieties. Yields for well-established varieties on the AHDB Recommended Lists can be accessed via ahdb.org.uk/rl

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Harvest results from an individual trial sites should not be used to make conclusions on individual variety performance. Recommended lists are based on information taken from trials across the UK over several seasons. As more information becomes available from the 2023 harvest, this will contribute to the over trials averages, which comprise 4 years for oilseeds and 5 years for cereals. These values provide better information for comparison between varieties. When more results are available, our validation procedures will examine cross site differences further.

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AHDB RL harvest results - Winter barley 2023 (Final results)

| 27-Nov | | Untreated grain yield (t/ha) - as % mean of controls | | | | | | |
|------------------|--------|--|------|---------|----------|---------|----------|---------|
| Name | Code | 19-23 | 2023 | Croft | Kingston | Harston | Balgonie | Baumber |
| | | mean | mean | NYorks | Devon | Cambs | Fife | Lincs |
| Control mean | | 8.03 | 8.83 | 9.17 | 8.59 | 10.22 | 8.63 | 7.55 |
| LSD 5% (as %C) | | 5.2 | 6.6 | 6.3 | 6.4 | 9.5 | 5.2 | 9.5 |
| CV% | | 6.1 | 5.1 | 3.5 | 3.6 | 5.4 | 2.7 | 5.0 |
| Sowing date | | | | 21-Sep | 06-Oct | 22-Sep | 28-Sep | 27-Sep |
| Previous crop | | | | W-wheat | W-oat | Other | W-wheat | W-bean |
| Soil type | | | | Medium | Medium | Medium | L-sand | Medium |
| Tillage | | | | Plough | Plough | Plough | Plough | Plough |
| Craft (C) | WB2743 | 97 | 97 | 97 | 101 | 94 | 100 | 95 |
| Electrum (C) | WB2886 | 97 | 101 | 96 | 99 | 102 | 99 | 108 |
| SY Kingsbarn (C) | WB2945 | 101 | 102 | 105 | 101 | 104 | 100 | 99 |
| KWS Tardis (C) | WB3120 | 103 | 104 | 101 | 101 | 104 | 109 | 107 |
| KWS Feeris (C) | WB3222 | 102 | 96 | 101 | 98 | 95 | 92 | 91 |
| KWS Orwell | WB2728 | 101 | 104 | 99 | 106 | 99 | 109 | 108 |
| Bazooka | WB2737 | 101 | 97 | 103 | 91 | 95 | 105 | 92 |
| Belfry | WB2739 | 106 | 103 | 113 | 101 | 98 | 99 | 104 |
| Valerie | WB2964 | 90 | 84 | 80 | 84 | 89 | 89 | 79 |
| LG Mountain | WB2976 | 103 | 103 | 98 | 102 | 101 | 106 | 113 |
| SY Kingston | WB3030 | 106 | 105 | 106 | 104 | 101 | 103 | 110 |
| KWS Hawking | WB3050 | 101 | 104 | 106 | 103 | 103 | 98 | 110 |
| SY Thunderbolt | WB3116 | 107 | 108 | 114 | 105 | 105 | 112 | 105 |
| Bordeaux | WB3132 | 100 | 101 | 98 | 98 | 102 | 104 | 105 |
| Bolton | WB3147 | 104 | 104 | 102 | 97 | 99 | 109 | 117 |
| SY Canyon | WB3212 | 111 | 111 | 120 | 100 | 108 | 114 | 111 |
| LG Dazzle | WB3215 | 107 | 106 | 104 | 100 | 103 | 110 | 117 |
| Lightning | WB3239 | 109 | 111 | 107 | 105 | 102 | 117 | 125 |
| SY Nephin | WB3299 | 112 | 115 | 123 | 107 | 105 | 118 | 123 |
| LG Caravelle | WB3305 | 110 | 111 | 109 | 115 | 111 | 109 | 112 |
| Buccaneer | WB3321 | 106 | 105 | 107 | 99 | 101 | 109 | 109 |
| Bolivia | WB3327 | 108 | 105 | 112 | 98 | 93 | 111 | 113 |
| Demoisel | WB3391 | 100 | 99 | 94 | 102 | 99 | 96 | 104 |
| LG Capitol | WB3394 | 108 | 107 | 109 | 108 | 103 | 106 | 111 |
| Valiant | WB3397 | 106 | 105 | 102 | 103 | 104 | 113 | 106 |
| Valvira | WB3398 | 96 | 94 | 95 | 100 | 84 | 100 | 93 |
| SY Loona | WB3413 | 112 | 111 | 119 | 114 | 90 | 120 | 118 |
| SY Harrier | WB3416 | 95 | 96 | 98 | 99 | 89 | 106 | 86 |
| SY Buzzard | WB3417 | 100 | 99 | 99 | 100 | 101 | 96 | 99 |
| Aleksandra | WB3419 | 118 | 113 | 116 | 114 | 101 | 118 | 121 |
| Resolute | WB3420 | 108 | 108 | 108 | 103 | 101 | 117 | 114 |

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