

AHDB Harvest Results

Monday, 28 October 2019

Final winter oilseed rape Harvest Results online

The final winter oilseed rape yield and gross output data has now been received from both treated and untreated trials. In total, 13 treated and five untreated trials produced valid results for the 2019 harvest and the results are on AHDB's Harvest Results pages.

The average treated gross output of the control varieties is 5.12t/ha, which is below the four-year average value of 5.25t/ha. The untreated control variety gross output is also below the four-year average, at 4.97t/ha.

Results from individual trial sites should not be used to make conclusions on variety performance. This is especially true for winter oilseed rape, as performance tends to be more variable than cereals and even more so for untreated trials.

The AHDB Recommended Lists, which are based on results from trials across the UK over several seasons, provide the best indication of variety performance.

When looking at Harvest Results, the over-trials and over-years average (based on four harvest years – 2016 to 2019) provide good information for comparison between varieties.

2019 averages

Yields are reported as a gross output, which is the seed yield adjusted for oil content. The values are represented as a percentage of the control varieties – V 316 OL, Campus, Nikita, Alizze and Elgar.

The conventional variety Aspire (108%) is the leading variety in the treated trials, with the conventional variety Ballard and the restored hybrid varieties DK Expansion and Architect all on 106%. These varieties have UK recommendations (for both the East/West and North regions), with Architect having a specific recommendation for resistance to Turnip Yellow Virus (TuYV). Aspire also has resistance to Turnip Yellow Virus (TuYV).

In the untreated trials, the restored hybrid variety Temptation is the highest yielding (110%), with the conventional variety Aspire at 109%. Both varieties have TuYV resistance.

2016–19 averages

Based on the four-year average values, the highest-yielding variety in treated trials is still Aspire (106%), with Ballard at 104% and DK Expansion at 103%. The restored hybrid Crome is also on 103%. Crome has a UK specific recommendation for resistance to clubroot.

In addition to Aspire, varieties with TuYV resistance have gross outputs of 101% (Temptation) and 100% (Architect). PT279CL, which has a UK specific recommendation for tolerance to specific imidazolinone herbicides (a Clearfield© variety), has a gross output of 95%.

In the untreated trials Temptation is the highest yielding at 106%, with Aspire at 105% and both Crome and DK Exsteel, which is recommended for the north region only, at 103%.

Candidate varieties

Treated gross output values for the candidate varieties in 2019 have the conventional variety Acacia and the restored hybrid varieties Artemis and Ambassador all at 110%, with the restored hybrid Aurelia at 109%. Based on the four-year averages, Acacia is the leading variety for gross output at 109%, with Aurelia on 108%,

Ambassador on 107% and Artemis on 106%. On this longer four-year average the conventional variety Aardvark is just behind on 105%.

Further information

Access full trial results via the AHDB website: ahdb.org.uk/harvestresults

AHDB Recommended Lists (RL) trials test variety performance under optimum conditions. Care should be taken when making comparisons with commercial yields. Results from individual trial sites should not be used to make conclusions on variety performance. The RL publications are based on information from trials across the UK over several seasons. As more information becomes available from the current harvest, this will contribute to the over-trials averages – which comprise four years for oilseeds and five years for cereals. These averages provide better information for comparison between varieties. Performance variation is not the responsibility of AHDB. Since the focus is to test new varieties, not all RL varieties are presented. Yields for well-established varieties are published at ahdb.org.uk/rl

AHDB
Stoneleigh Park
Kenilworth
Warwickshire
CV8 2TL

T 024 7 669 2051
E info@ahdb.org.uk
W ahdb.org.uk
Twitter @TheAHDB

© Agriculture and Horticulture Development Board 2019. All rights reserved.