

FEED BARLEY AND MALT BARLEY VARIETY TRIAL RESULTS - 2020

Feed Barley

Overview: Eight varieties of feed barley were harvested in 2020. In this trial, yield and test weight values were measured.

Conclusion: CDC Austenson and Claymore displayed the highest of yields, ranging 24-26 bu/acre. These were particularly high when compared to the four least yielding varieties: Gadsby, Amisk, Trochu, and CDC Carter ($P=0.001$). CDC Carter had the highest test weight among the treatments at 52.5 lbs/bu, while Amisk had lowest at just over 40 lbs/bu ($P=0.003$). The C.V. in the yield analysis was 24.6, thus the results may not be a proper indicator of true varietal yielding potential. Such lack of confidence was likely due to adverse growing conditions.

Seeding Date: May 15

Seeding Depth: 1.25 in.

Seeding Rate: 29 plants/sq. ft.

Harvest Date: Sept. 10

Applications:

May 12: 46-0-0-0 - 120 lb/ac

May 13: Glyphosate - 0.66 L/ac

Heat - 0.059 L/ac

Merge - 0.2 L/ac

May 15: 13-33-0-15S - 120 lb/ac

June 5: Prestige A - 0.32 L/ac

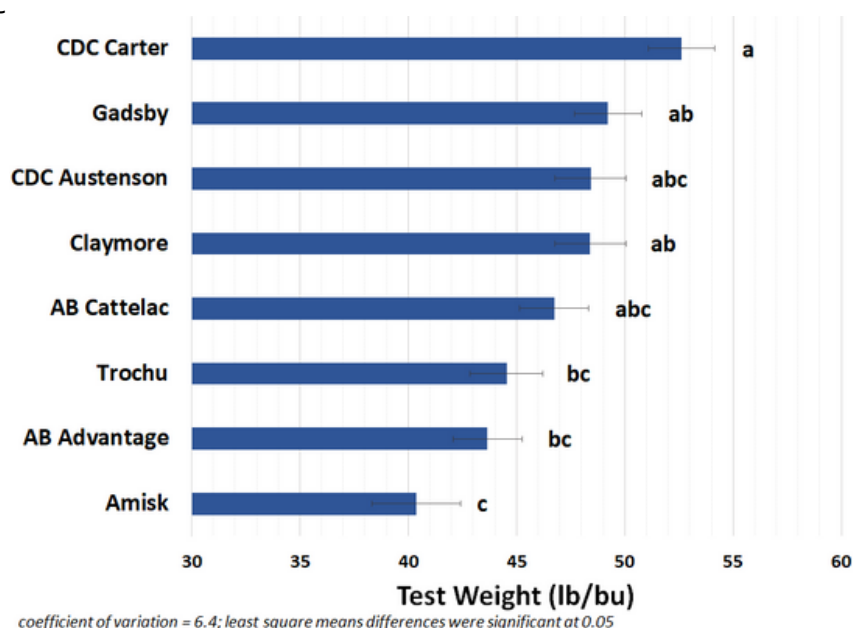
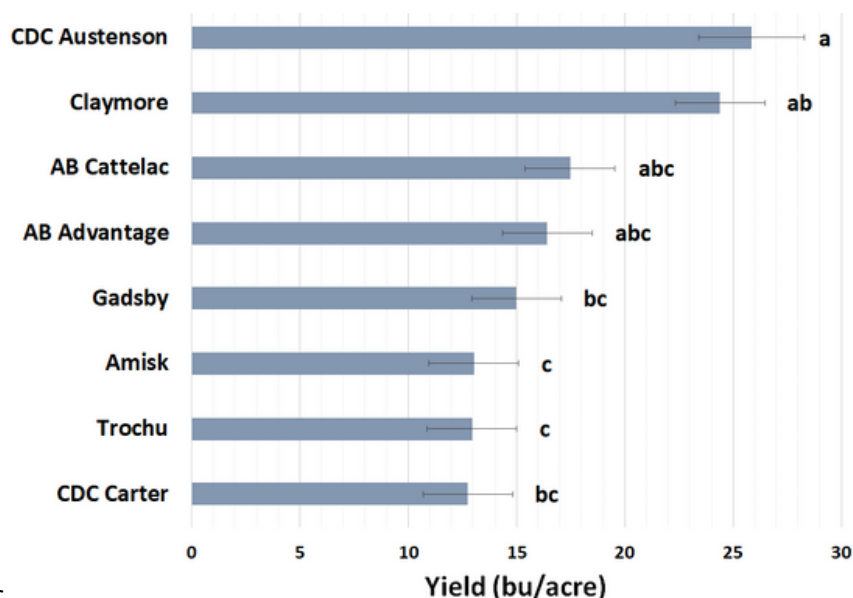
Prestige B - 0.81 L/ac

July 14: G22 - 3 L/ac

F18 - 0.5 L/ac

Microbolt (B) - 0.25 L/ac

Microbolt (Mo) - 14 g/ac



FEED BARLEY AND MALT BARLEY VARIETY TRIAL RESULTS - 2020

Malt Barley

Overview: This year's malt barley trial consisted of 10 different varieties. As with feed barley, yield and test weight were measured and compared.

Conclusion: Yield ranged from 19-31 bushels per acre; test weight ranged from 44-60 lbs per bushel. CDC Fraser and CDC Kindersley yields of 30.5 bu/acre and 29 bu/acre, respectively, exceeded that of the other varieties ($P=0.003$). For test weight, CDC Clear and CDC Ascent produced significantly higher values than the subsequent 8 varieties ($P<0.0001$). As with feed barley, a high C.V. value in the yield analysis indicates high levels of variability in the experiment. Thus, yield results can not be considered reliable.

Seeding Date: May 15

Seeding Depth: 1.25 in.

Seeding Rate: 29 plants/sq. ft.

Harvest Date: Sept. 10

Applications:

May 12: 46-0-0-0 - 120 lb/ac

May 13: Glyphosate - 0.66 L/ac

Heat - 0.059 L/ac

Merge - 0.2 L/ac

May 15: 13-33-0-15S - 120 lb/ac

June 5: Prestige A - 0.32 L/ac

Prestige B - 0.81 L/ac

July 14: G22 - 3 L/ac

F18 - 0.5 L/ac

Microbolt (B) - 0.25 L/ac

Microbolt (Mo) - 14 g/ac

