Canola Foliar Boron Applications

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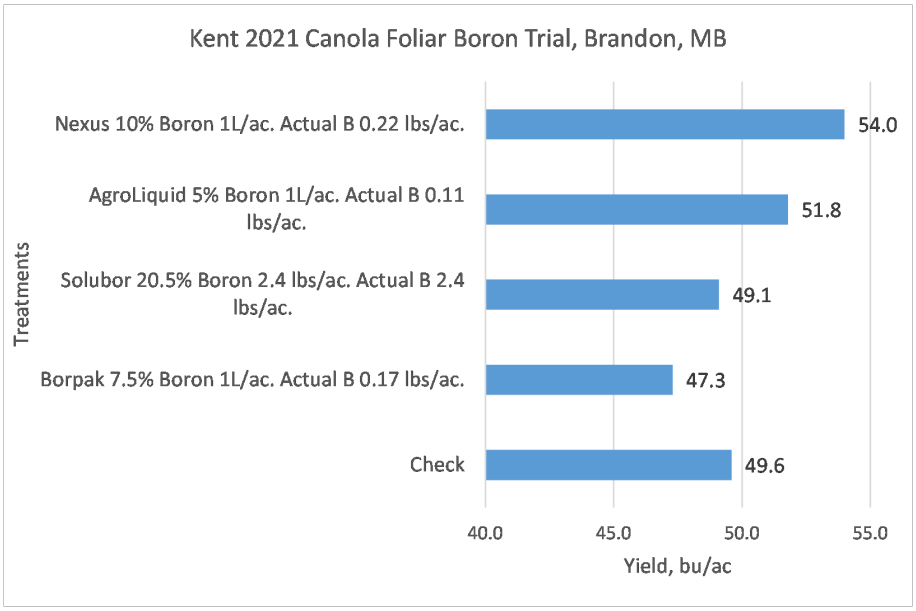
Experiment Info:
Planted:
Harvest:
Yield Goal:
Target Fert.:
Variety:
Population:
Row Width:
Prev. Crop:
Plot Size:
Replications:

Soil Test Values (ppm):
pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

Objective:

Compare the efficiency and efficacy of various foliar boron products by measuring the amount of actual boron applied and the yield results in a boron deficient soil. Canola is sensitive to boron deficiencies.



Conclusions:

In this boron deficient soil it was expected that the canola would show a response to the addition of boron through a foliar application when tank-mixed with the final post-emergence herbicide treatment. However in this trial yield was actually less than the untreated control with two of the products. This was unexpected as one of the lower yielding products, Solubor, supplied 22 times more actual boron per acre than AgroLiquid's MicroLink Boron. In this trial the Nexus 10% Boron outyielded the MicroLink Boron, but was at double the amount of boron applied compared to the MicroLink Boron. With by far the lowest amount of boron per acre this trial illustrates the very high efficiency of MicoLink Boron.