

# BinBuster XP plus Kugler Co. "KQXRN" nitrogen adds almost 12 bu. per acre to corn yield in this test

A foliar-feeding corn trial in Grundy County, IA in 2010 offers more evidence that extended-release nitrogen *plus* BinBuster XP can improve a good corn yield by almost 12 bu. per acre.

Based on this evidence and many farmer tests, the Kugler Company has formulated its high-quality extended release nitrogen with the exact ratio of BinBuster XP and labeled it KQXRN / XP.

This pre-mixed combination will save time in the field and assure the ideal blend of nutrient and carrier.

Yields in the chart at right are averages of four 8-row strips, each 2,300 feet long. The two treatments were 1 gal per acre of Kugler's KQXRN 28% nitrogen, *with* and *without* BinBuster XP.

Foliar-applied nitrogen alone showed a 6.8-bu. yield increase over the untreated control strips.

When BinBuster XP was tank-mixed with the same rate of nitrogen, strips sprayed with the combination averaged another 5 bu. per acre, hitting 190.2 bushels.

Total yield gain for BinBuster XP and slow-release nitrogen together:

11.88 bu. per acre. Total cost for the combination was about \$18.50 per acre. At only \$4.90 per bu. corn, the net benefit for the BinBuster XP/nitrogen combination is \$40 per acre.

Our field tests show that BinBuster XP, tank-mixed with foliar, improves leaf coverage, absorption and nutrient translocation in the crop to help achieve consistent yield gains.

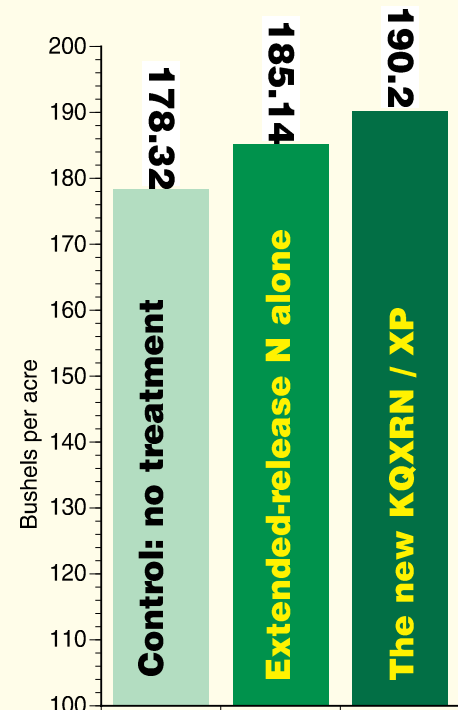
BinBuster XP's mode of action relies on "nano-sized" micelles: less than a billionth of a meter.

BinBuster XP micelles reduce the "stickiness" of water and increase its solubility, so nutrient solutions flow more easily under osmotic pressure.

We first noticed this type of response when Southern farmers saw how glyphosate spiked with BinBuster XP killed weeds which have become "resistant" to glyphosate.

In the Plains and Northwest, we've seen similar response with the combination of BinBuster and high-quality nitrogen. One of the most beneficial responses in wheat: A highly profitable gain in protein levels.

Corn, 2010  
Grundy County IA



**\$40 per acre more profit from extended-release nitrogen plus BinBuster XP**



Here's how the field looked at application time... and at harvest. Corn from control strips averaged 58 lbs. per bushel. Corn treated with nitrogen alone averaged 57.4 lbs. per bushel. Corn treated with Binbuster XP and nitrogen averaged 59.2 lbs. per bushel.



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