



2014 AgroVantage Plot Results

Location: Axtell, KS

Corn Test Plot
Planted June 11, 2014

WEX[®]

	Control	WEX 1 quart	Advantage
Yield, BPA	125.2	133.3	+ 8.1 bu.
Moisture %	34.4%	33.9%	- 0.5 pt.
Test Weight	52	52.5	+ 0.5

WEX[®] is a Multi-Purpose Wetting Agent that is used in soil amendment applications to provide enhanced root development which can result in yield improvement. WEX is typically applied pre-plant/pre-emerge with herbicides. In this study an additional 8.1 bushels of corn was harvested where WEX was applied; an almost \$28.00 value considering a \$3.50 corn price. The advantage provided by enhancing root development is clear!

Boron

	Control	Feast [®] Boron
Yield, BPA	125.2	126.8
Advantage		+ 1.6 bu

Boron is needed in the reproductive processes, especially pollen production and seed development. Even though the increase wasn't large in this case, it shows that each of the micronutrients is important in determining the final yield. Boron can be applied either as a sideband or a foliar application. Are there micronutrients that your fields are lacking?

Axtell, KS Plot Data Continued

Micro Nutrients

	Control	Feast Zinc – 2 qt. Amplify-D	Feast Copper – 0.7 pt. Amplify-D
Yield, BPA	125.2	135.1	142.3
Moisture %	34.4%	33.5%	34.1%
Test weight	52	52	51.5
Yield Advantage		+ 5.9 bu	+ 17.1

The Feast chelated micro and secondary nutrient products are extremely efficient and effective sources for providing the micro and secondary-nutrients that are limited. They are designed to be added to the Feast N-P-K products in either in-row or foliar applications. In this study including 2 quart of Feast 9% Chelated Zinc and Amplify D produced a 5.9 BPA yield increase! While Feast 7.5% Chelated Copper and Amplify D produced a whopping 17.1 BPA yield increase! Again, a good demonstration of the benefits provided by soil testing and being able to fix the limiting factors!