



## 2016 AgroVantage Plot Results

Location: Wanatah, IN

Corn Test Plot

### Amplify® Seed Treatment (2 replications)

	Control	Amplify-D	Advantage
Yield, BPA	81.2	96.2	+15 BPA
Test Weight, lbs.	50.3	51.8	+1.5 lbs.
Moisture, lbs.	20.3%	18.8%	- 1.5%

Amplify is an energy booster for the seed and will not only get more seeds out of the ground, but will also get them up in a more uniform time period. When you have uniform emergence you don't have the yield drag that can happen from late emerging plants. Get the most out of every seed that you put in the ground by putting Amplify on every acre!

### Wex® Non-Ionic Surfactant

	Control	Wex 1 quart/A	Advantage
Yield, BPA	94.7	97.4	+2.7 BPA
Test Weight, lbs.	51.4	52.1	+0.7 lbs.
Moisture, lbs.	18.9%	18.7%	-0.2%

Wex, when used as a pre-emerge combination with either a burndown or fertilizer application will give more root mass and better water penetration to the soil. It was Conklin's first agricultural product and people still rave about its benefits year after year. In fact its benefits build on each other and farmers see even more benefits in the 2<sup>nd</sup> and 3<sup>rd</sup> year of application!

(Wanatah, IN Plot Continued)

**Guardian® DL 15-0-0 Nitrogen Additive, Soil CEC = 4**

	<b>Check</b>	<b>Guardian DL 15-0-0</b> 4 quarts/A	<b>Advantage</b>
<b>Yield, BPA</b>	82.1	92.8	<b>+10.7 BPA</b>
<b>Test Weight, lbs.</b>	50.5	50.6	<b>+0.1 lbs.</b>
<b>Moisture, %</b>	20.5	19.4	<b>-1.1%</b>

Guardian is a Nitrogen Inhibitor that will safely block the enzyme that changes Ammonia into Nitrate, without hurting the microbes in the soil. The Nitrate form of Nitrogen is leachable and will move down past the root zone, so keeping Nitrogen in the Ammonium form allows it to stay where the roots can reach it for a longer period of time. The soil in this test has a CEC of 4 which is very sandy and thus very leachable. But the Guardian kept more nitrogen available to the plant and had an increase of over 10 BPA!