



## 2013 AgroVantage Plot Results

### Location: Plymouth, IN

#### Soybean Test plot

##### Wex<sup>®</sup> Nonionic Surfactant

	Check	Wex 1 quart	Advantage
Yield BPA	45.9	49.1	+ 3.2 bpa
Moisture %	11%	11%	--

Wex was the first AgroVantage product introduced by Conklin over 40 years ago and it still gives tremendous return on investment. For less than \$5/A it gave an over 10 to 1 ROI!

#### Corn Test Plot

##### Wex Nonionic Surfactant

	Check	Wex 1 quart/acre	Advantage
Yield BPA	175.6	191.7	+ 16.1 bpa
Moisture %	18.7%	18.3%	- 0.4 pts.

Wex is a soil amendment that will give the soil better water penetration, increases in root mass and better soil tilth, showing an amazing 16 bpa increase on this plot of corn!

##### Amplify-<sup>®</sup>-D Seed Treatment

	Check	Amplify-D	Advantage
Yield BPA	183.2	190.2	+ 7 bpa
Moisture %	19.3%	18.7%	- 0.6 pts.

Amplify-D helps seeds overcome stressful, cold and wet conditions to encourage faster and more uniform emergence. For less than \$3/A, it gave an increase of 7 bushels per acre and over 0.5 pt decrease in moisture!

**AgroVantage® System**

	<b>Check</b>	<b>AgroVantage System</b>	<b>Advantage</b>
	<u>3X2:</u> 3 gal 10-34-0 65 lbs. N <u>Broadcast:</u> 360 lbs. Pel-lime 75 lbs. K mag 40 lbs. 0-0-60 1.1 lbs 25%Cu Sulfate 0.8 lbs 14% Boron 6 lbs 32% Mn Sulfate <u>Side Dress:</u> 100 lbs. N	<u>Pre-plant broadcast:</u> Wex 1 qt. On seed Amplify-D Magnify LAI <u>In-furrow/Splitter:</u> Feast 2-15-19w3S 6 gal. Feast Mn 3.5 pts. Feast Cu 1 pt. Soil X-CYTO 10 oz. 1 lb. sugar <u>3X2:</u> 65 lb. N Guardian-DL 1 qt. Feast B 2.5 pt. Feast Mg 1 qt. Side-Kick 1 gal. <u>Foliar:</u> Feast 3-18-18 2.5 gal. Side-Kick 0.5 gal. Feast Mn 2 pt. Feast Mg 1 pt Feast Cu 2 oz. Feast Zn 2 oz. <u>Side Dress:</u> 100 lbs. N Guardian-DL 1 qt. Side-Kick 1 gal. Feast B 1.5 pt. <u>Foliar per tissue test:</u> Feast 3-18-18 1 gal. Feast Mn 4 oz. Feast Mg 12 oz.	
Yield BPA	159.6	184	+ 24.4 bpa
Moisture %	20.1%	19.0%	- 1.1 pts.
Cost Fertilizer/Acre	\$245.13	\$254.78	+\$9.65
Cost Fert./Bu. Produced	\$1.54	\$1.38	-\$.16

How does the normal fertilizer program compare to the AgroVantage System? For a little more than \$9/A it gave a better than 10 to 1 return and \$.16 per bushel decrease in cost!

**AgroVantage® System of 3 years of corn on corn**

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Yield BPA	170.4	180.3	+ 9.9 bpa
Moisture %	18.3%	17.8%	- 0.5 pts.
Cost Fertilizer/Acre	\$245.13	\$254.78	+\$9.65
Cost Fert./Bu. Produced	\$1.44	\$1.41	-\$0.03

How does the normal fertilizer program compare to the AgroVantage System on corn following corn? It gave an almost 10 bushel yield increase and over 4.5 times return on investment!