



2013 AgroVantage Plot Results

Location: Hancock, IA

Corn Test Plot

Amplify® -D Seed Treatment

	Check	Amplify-D	Advantage
Yield BPA	194.8	203.9	+ 9.1 bpa

The Amplify technology continues to be a foundational component of the AgroVantage System and this study shows how a strong, uniform start helps produce a strong finish, with over a 9 bpa increase!

Feast® 2-15-19w3S

	Check	Feast 2-15-19w3S 6 gpa – in-row	Advantage
Yield, bpa	192.8	204.8	+ 12 bpa

In-row placement of high quality N-P-K fertilizers provides ultra-efficient plant nutrition and the “pop-up” benefits of having highly available plant food immediately available for the developing seedling. Starter fertilizer 2-15-19-3S produced an additional 12 bpa yield increase!

Feast® 2-15-19w3S plus Feast Micronutrients

	Feast 2-15-19w3S 6 gpa – in-row	Feast 2-15-19w3S 6 gpa – in-row Chelated Mn – 1 pt.	Feast 2-15-19w3S 6 gpa – in-row Chelated Mn – 1pt. Chelated Zn – 1 pt.
Yield BPA	204.8	209.7	213.4
Yield Advantage		+ 4.9 bpa	+ 8.6 bpa

Can micro-nutrients make a difference? In this example, including 1 pt of Manganese with the 2-15-19-3S starter fertilizer increased yield by 4.9 bpa and adding both 1 pt of Manganese and 1 pt of Zinc gave an additional 8.6 bpa increase! An ROI of over 6 to 1!

AgroVantage® System

	Check	AgroVantage System In-row Feast 2-15-19w3S 6gpa Chelated Mn 1 pt. Chelated Zn 1 pt. Amplify-D	Advantage
Yield BPA	195.6	220.4	+ 24.8 bpa

This study points out the importance of using high quality materials along with a nutrient package designed around a Midwest Labs soil test. The combination of high quality Feast 2-15-19-3S, Manganese, Zinc and Amplify produced an over 24 bpa increase! The AgroVantage System advantage!

Soybeans

Magnify® LST seed treatment

	Check	Magnify LST	Advantage
Yield BPA	57.7	60.8	+ 3.1 bpa

Magnify LST is a liquid, seed-applied inoculant containing three billion viable bacteria cells per gram. This nitrogen fixation process gave an over 3 bpa increase, which is an over 20 to 1 return!