



## 2012 AgroVantage Plot Results

### Location: Platteville, WI

#### Soybean Test Plot

Average of 5 replications of 5 hybrids

#### Magnify<sup>®</sup> LST Seed Treatment

	Check	Magnify LST
Yield, bpa	51.4 bpa	61.8 bpa
Difference vs Check		10.4 bpa

Magnify is a brand name designation given the AgroVantage System's seed inoculant products. Magnify LST is a source of bradyrhizobium japonicum, a species of rhizobium specific to soybeans. LST is designed as a high potency inoculant, providing over 1 million bacteria per seed, resulting in enhanced nitrogen nutrition and higher yields. Magnify LST produced over \$140.00 in added income for an investment of about \$3.00!

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

	Check	Wex 1 quart
Yield, bpa	51.4 bpa	56.4 bpa
Difference vs Check		5 bpa

Crops treated with the WEX technology exhibit larger, more vigorous root systems, especially in regard to root hair mass. The grain yield results provided by enhancing root mass can be substantial as evidenced in this data, plus 5 BPA in Soybeans.

#### AgroVantage<sup>®</sup> System

	Check	AgroVantage System
Yield, bpa	51.4 bpa	68.6 bpa
Difference vs Check		17.2 bpa

Do soybeans respond to starter fertilizers and micronutrients? In this study it took the yields to the next level with an increase of over 17 bushel!

**Corn Test Plot**

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

	Check	Wex 1 quart
Yield, bpa	188 bpa	193 bpa
Advantage		5 bpa

Wex Multipurpose Wetting Agent maximizes the effectiveness of liquid-applied fertilizer and pesticides. The exclusive nutrient-related action (NRA) technology stimulates root development, improving water and nutrient absorption leading to a 5 BPA increase.

**Magnify<sup>®</sup> LAI Seed Treatment**

	Check	Magnify LAI
Yield, bpa	181 bpa	188 bpa
Advantage		7 bpa

Magnify LAI is a liquid-applied Azospirillum brasilense inoculant and biological enhancer that fixes nitrogen in the root zone of corn. A very small investment/acre gave an over 20 to 1 return!

**Feast<sup>®</sup> Starter Fertilizer**

	Check	Feast 3-18-18 4 gallons
Yield, bpa	156 bpa	162 bpa
Advantage		6 bpa

Efficiency is a key concept of the AgroVantage System. The System's first choice for applying plant food for corn production is in-row. The use of Feast 3-18-18 as a starter fertilizer gave back a 6 BPA increase.

**Feast<sup>®</sup> Side Kick**

	Check	Side-Kick 1 gallon
Yield, bpa	171 bpa	176 bpa
Advantage		5 bpa

Feast SideKick is the perfect complement for any starter program. The 0-0-25-17S material provides the essential element sulfur for a balanced and fast start which gave a 5 to 1 return in this case.

**Corn Test Plot**

**Soil X-CYTO<sup>®</sup> Plant Growth Regulator**

	Check	Soil X-CYTO 12 ounces
Yield, bpa	176 bpa	181 bpa
Advantage		5 bpa

Soil X-Cyto Plant Growth Regulator stimulates the plant's biological processes to take crops to the next level of yield which was 5 BPA increase for this grower.

**AgroVantage<sup>®</sup> System**

	Check	Feast 3-18-18 + Side-Kick	Full AgroVantage System
Yield, bpa	156 bpa	176 bpa	218 bpa
Advantage		20 bpa	62 bpa

Conklin's AgroVantage system uses a complete Soil analysis from Midwest Labs that will maximize the genetic potential of your crops. In this case, it was an almost unbelievable increase of 62 BPA. Is this what you need to take your crops to the next level?