



2012 AgroVantage Plot Results

Location: Chadwick, IL

Corn Test Plot

Amplify[®]-D Seed Treatment

	Check	Amplify-D	Advantage
Yield, BPA	218.5 bpa	219.6 bpa	+1.1 bpa
Moisture %	22%	22.3%	+0.3 pts
Test weight, lbs.	55.9 lbs.	55.6 lbs.	-0.3 lbs.

It takes a lot of energy for a seed to germinate properly and Amplify-D is a seed germination aid that increases that energy to provide a jump start for each seed. At a low cost per acre, in this plot it had a ROI of about 2.5 to 1.

Magnify[®] LAI Seed Treatment

	Check	Magnify LAI	Advantage
Yield, BPA	218.5 bpa	223.8 bpa	+5.3 bpa
Moisture %	22%	22.7%	+0.7 pts.
Test weight, lbs	55.9 lbs.	54.8 lbs.	-1.1 lbs.

Magnify LAI is a new inoculant for Corn that helps it fix some of its own nitrogen in the root zone. That extra boost of nitrogen gave it over a 5 BPA increase!

WEX[®] Nonionic Surfactant

	Check	WEX	Advantage
Yield, BPA	218.5 bpa	221.8 bpa	+3.3 bpa
Moisture %	22%	22%	--
Test weight, lbs.	55.9 lbs.	56.7 lbs	+0.8 lbs.

Wex, when used at 1-2 pints/A as a soil amendment, will help boost the root mass of corn and in this case gave it better than a 3 to 1 return to cost.

Feast® 9-18-9 and Side-Kick

	Check	Feast 9-18-9 – 2 gallons (in- row), Side-Kick – 2 gallons (2X2)	Advantage
Yield, BPA	218.5 bpa	224.5 bpa	+6 bpa
Moisture %	22%	22.3%	+0.3 pts.
Test weight, lbs.	55.9 lbs.	56 lbs	+0.1 lbs.

Getting Fertilizer next to the seed and roots is an efficient way of making sure that the plant can reach that fertilizer to give it a boost early on. That boost gave this plot a 6 BPA increase.