



2013 AgroVantage Plot Results

Location: Lancaster, PA

Corn Silage Test Plot

Amplify[®]-D Seed Treatments

	Check	Amplify-D	Advantage
Yield, tons/acre	30.4	32.1	+1.7 tons
Moisture %	67.9%	66.7%	-1.21 pts.

Amplify-D provides an additional boost to seed emergence that, on average, can be an increase of 1,000-3,000 more plants per acre. This produced an additional 1.7 Tons of Corn Silage which translates to a better than 12 to 1 Return on Investment!

Guardian[®]-DL 31-0-0

	Check 60 units applied 4X4 at planting	60 units dribbled between rows at V5	Guardian-DL 1.5 quarts applied w/ 60 units 4X4 at planting
Yield, tons/acre	26.4	30.0	30.4
Moisture	71.6%	68.7%	67.9%
Tonnage difference compared to check		+3.6 tons	+4 tons

Guardian-DL is a Nitrogen stabilizer that will keep your N in the root zone longer, so that it is available for your corn plants to use later in the season. This was worth an additional 4 tons of Silage and saved a trip across the field by applying it with the planter, instead of later in the season.

Feast® 3-18-18 Starter Fertilizer

	Check	Feast 3-18-18 3 gallons – in-row	Advantage
Yield, tons/acre	32.1	32.6	+ 0.5 tons
Moisture %	66.7%	65.4%	- 1.3 pts

Using Feast 3-18-18 in-furrow is 4-5 times more efficient than broadcast rates of Phosphorus and Potassium and gave a ½ ton increase in corn silage, while reducing the moisture by 1.3 points per ton.

Feast® Chelate Zinc

	Check	Feast Zinc 1 pint – in-row	Advantage
Yield, tons/acre	28.0	29.2	+ 1.2 tons
Moisture	70.6%	69.8%	- 0.8 pts

Make sure that you are not running short of micronutrients that may be limiting your yield potential. An in-furrow application of Feast Chelated Zinc is an efficient way to supply that need and gave a return of an additional 1.2 Tons/A of Silage!

Foliar Fertilizer – at V-3 based upon V-2 tissue test

	Check	Foliar fertilizing	Advantage
Yield, tons/acre	29.5	31.1	+ 1.6 tons
Moisture %	70%	67.1%	- 2.9pts

Taking a tissue test at the V2 Stage allows you to see what the crop needs going into the critical time period when the plant is determining the girth of the ear. This foliar feeding at the V3 stage, according to the tissue test, gave an additional 1.6 tons/A of Corn Silage!