



2013 AgroVantage Plot Results

Location: Fort Covington, NY

Corn Silage Test Plot

All treatments received the following applications: WEX 1 qt. per acre, 5,000 gallons of liquid cow manure with 2 quarts of Guardian-DL injected.

Seed Treatments – Amplify[®]-L & Magnify[®] LAI

	Check	Amplify-L & Magnify LAI	Advantage
Yield, tons/acre	19.2	21.2	+ 2 tons
RFV	Not tested	162	

Amplify-L and Magnify LAI are both seed treatments that have different effects on the crop. Amplify gives the seed an additional energy boost to get it out of the ground in a fast, uniform manner, whereas Magnify LAI is a biological growth enhancer that fixes additional nitrogen in the root zone. This combination gave an additional 2 ton of corn silage for this grower!

Guardian[®]-DL 31-0-0

	Check	Guardian-DL 1 quart applied with 20 gallons additional N	Advantage
Yield, tons/acre	18.6	20.3	+ 1.7 tons
RFV	147	170	+ 23 pts.

Guardian-DL is a nitrogen stabilizer that will keep the nitrogen in the root zone longer for the crop to use. The combination of additional Nitrogen and Guardian gave an almost 2 to 1 return in additional tonnage of corn silage along with a very good increase in Relative Feed Value.

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Corn silage continued

Feast® 3-18-18 Starter Fertilizer and Side-Kick

	Check	Feast 3-18-18 5 gallons, Side-Kick 1 gallon – in-row	AgroVantage System
Yield, tons/acre	18.6	19	20.3
RFV	147	150	202
Advantage to Check		+ 0.4 tons + 3 pts.	+ 1.7 tons + 55 pts.

The AgroVantage System is using the correct amount of Macro and Micronutrients that a soil test analysis from Midwest Labs recommends. This AgroVantage System recommendation increased their corn silage tonnage by 1.7 tons and increased the Relative Feed Value by an incredible 55 points!

New Seeding Alfalfa/Grass Hay Plot

Feast foliar feeding

	Check	Feast 2-15-19w2S – 4 gallons Feast Boron – 1 pint Feast Calcium – 4 oz. Foliar X-CYTO – 8 oz. Sugar – 1 lb.
Yield, tons/acre	4.96	6.62
		+ 1.66 tons

Putting the Right Fertilizer Source on at the Right Time, in the Right Place and at the Right Rates gave this Alfalfa/Grass Hay plot a 1.66 ton increase in yield. Knowing what your soil needs for each crop and yield goal pays off!