

# NutriMag<sup>TM</sup>

## NutriMag Foliar Trial Results – Potatoes

Pinelands Farm, New Gloucester, Maine

**Table 1. Average Treated and Control Plot Data**

Graded Potato Size					
Plots	Field Weight (lbs.)	Chef (% > 3")	A (3">%>2.25")	B (%<2.25")	Yield (cwt/ac)
<b>T Average</b>	132	18%	58%	23%	240
<b>C Average</b>	105	16%	56%	28%	191

**Table 2. Average Treated and Control Plot Data with CPB damaged plots removed**

Graded Potato Size					
Plots	Field Weight (lbs.)	Chef (% > 3")	A (3">%>2.25")	B (%<2.25")	Yield (cwt/ac)
<b>T Average(-T2)</b>	139	21%	58%	21%	253
<b>C Average (-C6 &amp; C8)</b>	112	18%	56%	26%	203

“ The positive impact of NutriMag Foliar was evidenced early in the potato tissue test results. These benefits carried over to harvest with increased yields and more marketable tubers. We definitely have a good new option for foliar feeding magnesium on potatoes.”

- Alvin Winslow, Grounded Research LLC, New Gloucester, ME.



### Trial Data Summary

- Increased Yield - NutriMag treated potatoes yielded a 49cwt increase vs untreated potatoes.
- Increased Return - \$490 per acre based on the typical contract price of \$10 per cwt (hundred weight).
- Increased Quality - a 2% increase in grade "A" potatoes, which is the grade used in frying and chipping.



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## NutriMag Foliar Trial Results - Soybeans

Cooks Forage Farm, Auburn NY

	Area	Average Moisture	Lbs Per .17 Acre	Bushel Per Acre
Treated	.17 Acre	13.5	476.6	51.2
Untreated	.17 Acre	13.4	453.7	44.0
Increase			22.9	7.2 bu/acre

“The best looking beans on the farm were those treated with NutriMag”.

- Craig Cook, Cooks Forage Farm, Auburn, NY

“We saw a 9-10 bushel increase per acre on first year beans”.

- John Van Heusen, Manager of Sugar Creek Farms in Dansville, NY

### Trial Data Summary

- Increased Yield – increase of 7 to 9 bushels per acre.
- Increased Return – \$60 per acre assuming a price of \$8.50 per bushel.



NutriMag treated plants on the right have more structure and larger root mass



Better pod fill with no aborted pods, good color throughout the shaded areas.



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## NutriMag Foliar Trial Results – Wheat

Kast Farms, Albion NY

	Control North	NutriMag North	Control South	NutriMag South
<b>Area Acres</b>	20.76	39.22	27.93	11.39
<b>Avg. Yield (Dry) bu/ac</b>	86.27	116.85	102.05	113.34
<b>Avg. Moisture %</b>	19.72	15.09	14.04	13.66
<b>Estimated Weight (Wet) lb.</b>	111,770	270,433	166,980	75,232
<b>Estimated Volume (Dry) bu</b>	1,790.70	4,582.70	2,850.60	1,291.20

“ The NutriMag treated wheat is yielding in some areas – up to 30bu/acre more than the control. (NutriMag) paid for itself just in what we saved with lower moisture content, not to mention the yield bump.”

- John Kast, Kast Farms, Albion NY

“ Our previous record yield for wheat was 2 ton to the acre. The NutriMag treated wheat exceeded 2.5 tons.”

- Brett Ford, Ford Farms, New Hampton NY



The NutriMag treated wheat on the left illustrates superior plant vigor, deeper green color indicating more chlorophyll and better root development.

### Trial Data Summary

- Increased Yield – the yield data shows an increase of 11 to 30 bushels per acre.
- Increased Return – up to \$144 per acre based on the price of \$4.80 per bushel.
- Increased Moistures - up to 4%.

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## NutriMag Foliar Trial Results – Grain Corn

Sugar Creek Farm in Dansville, NY

	Lbs/.17 Acre	Moisture	Bushels
Treated	506.37	59	110 bu/acre
Control	442.57	59	96 bu/acre
Increase:	63.8		14 bu/acre

“ I have used NutriMag on my grain corn over the past several years. As a result I have seen increased yield and better dry down. I plan on using NutriMag this year as well.”

- John Van Heusen, Manager of Sugar Creek Farms in Dansville, NY



NutriMag treated on right has better tip fill, larger ear size, more uniform kernels.

### Trial Data Summary

- Increased Yield – the average yield increase per test plot was 14 bushels per acre.
- Increased Return – the bushel price of corn on Jan. 28/16 was \$3.80, which is a return of \$53 for an expense of \$16.
- Increased Quality - additional dry down and tip fill were also observed on the treated plots.

