

TRIAL RESULTS FIND INCREASED YIELD, RETURN AND QUALITY IN 2015 FIELD TRIALS OF NEW LIQUID MAGNESIUM FERTILIZER PRODUCTS

Field trial data demonstrates how NutriMag™ fits with everyday farming practices, helping farmers to maximize yields, mitigate unpredictable conditions.

GLENMONT, NEW YORK, February 25, 2016 – From weather and soil conditions to changing commodity prices, farmers are operating in an increasingly unpredictable environment and must continuously find new ways to maximize their yields while keeping an eye on costs.

Through a series of 2015 field trials, NutriMag™, a new suite of liquid magnesium fertilizers, is proving to be a solution for potato, corn, soybean, alfalfa and wheat farmers. According to data released by Innovative AgSolutions, creator of NutriMag™, all trials saw increases in yield and visibly healthier plants.

“The NutriMag™ treated wheat is yielding in some areas – up to 30 bushels per acre more than the control plots,” said John Kast of Kast Farms, Albion, NY. NutriMag™ paid for itself just in what we saved with lower moisture content, not to mention the yield bump.”

“The positive impact of NutriMag™ Foliar was evidenced early in the potato tissue test results,” said Alvin Winslow of Grounded Research LLC, New Gloucester, ME after reviewing the potato trial 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.”

Replicated randomized test plot trials were conducted during the 2015 growing season at potato, grain corn, soybean, alfalfa and wheat farms in New York State and New England. They are the most comprehensive trials yet for the NutriMag™ product in these regions. NutriMag™ is not limited to the crops that were tested for these trials but in all farming applications that use magnesium chloride.

“We are thrilled at the results of the trials,” said Jeremy Schulz, Agricultural Sales Manager for Innovative AgSolutions. “Farmers already know the benefits of magnesium fertilizer but many magnesium products have limitations. With NutriMag™, farmers have a new, easy to use liquid magnesium fertilizer solution that can be used throughout the growing season to help maximize yields without significant changes to their everyday farming practices.”

For example, many dry magnesium alternatives may only be suitable at certain stages of the plant’s lifecycle, require separate applications or are inappropriate for certain weather conditions– all of which may negatively impact the farmer’s bottom line. NutriMag™ liquid magnesium products address these limitations and work with a farmer’s existing practices. The products can be applied with existing equipment, used at low soil temperatures (50 to 65 F) early in the season and, the magnesium in NutriMag™ is three to five times more available to the crop and is more easily absorbed by plants.

In addition, NutriMag™ Organic is the first liquid magnesium chloride-based fertilizer to secure Organic Materials Review Institute (OMRI) certification. The magnesium chloride in NutriMag™ Organic is a

premium single source material that occurs naturally and requires no processing. NutriMag™ Organic is listed for use in organic production by OMRI in the US and Canada.

Results Summary

Potato Trial – Pinelands Farm

- The test plot at Pinelands Farm yielded a 49cwt increase on the NutriMag™ treated potatoes.
- This increase amounts to \$490 per acre based on the typical contract price of \$10 per cwt (hundred weight).
- Also evident was a 2% increase in grade “A” potatoes, which is the grade used in frying and chipping.

Grain Corn Trial – Sugar Creek Farm

- The average yield increase at the test plot in Nunda (Sugar Creek Farm) was 14 bushels per acre.
- The bushel price of corn on 1/28 was \$3.80, which is a return of \$53.00 for an expense of \$16.
- Additional dry down and tip fill were also observed on the treated plots.

Soybean Trial – Cooks Forage

- The test plot data from Craig Cooks’ field in Seneca Falls showed an increase of 7 to 9 bushels per acre.
- The yield increase equates to a return of \$60 per acre assuming a price of \$8.50 per bushel.

Wheat Trial – Kast Farms

- The yield data from John Kast of Kast Farms, Albion NY shows an increase of 11 to 30 bushels per acre.
- This increase returns up to \$144 per acre based on the price of \$4.80 per bushel.
- Also evident was a significant improvement in moistures - up to 4%.
- Drier harvested wheat allowed Kast to eliminate time in the dryer, saving time and money.

Innovative AgSolutions specializes in advanced, magnesium chloride based fertilizers for agriculture that consistently deliver higher yields and healthier plants for a variety of crops. For over 30 years, Innovative has introduced fresh thinking, innovative technology and new processes to enhance our products and ensure our customers have access to the most effective solutions. With offices in Ajax, Ontario and Glenmont, New York we have one of the largest liquid distribution networks in the US Northeast and Eastern Canada.

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Innovative AgSolutions is launching this trial data in conjunction with the NY State Farm Show and will have representatives and participating farmers on site at booth #CP209 for interviews during the show. More detail and images on these trials are available by visiting www.innovativecompany.com

For more information, media are asked to contact:



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