



# Nitro-Mag™

24-0-0-0-4Mg-10Cl-.035B

*Stabilized Amine Nitrogen (SAN)*

PROMOTES YIELD, ROOT GROWTH, AND PLANT HEALTH



GROWTH TECH™

1 Nitro-Mag Nitrogen fertilizer is a Stabilized Amine Nitrogen (SAN) product for agricultural use.

2 Stabilized Amine Nitrogen (SAN) is the most efficient Nitrogen source for all commercial crops.

3 Nitro-Mag is applied to crops the same as other forms of Nitrogen.

4 Nitrogen Use Efficiency (NUE) is important. NUE involves the seasonal timing of Nitrogen applications, but also using the most efficient form of Nitrogen for the crop.

5 Amine Nitrogen or NH<sub>2</sub> is the form of Nitrogen that is needed for the formation of Amino Acids. Long chains of Amino Acids form Proteins which do the work of the plant. The Nitrate and Ammonium forms of Nitrogen will use plant photosynthetic energy for conversion into the NH<sub>2</sub> form thus being less efficient.

6 Nitro-Mag liquid with the NH<sub>2</sub> form of Nitrogen contains Magnesium and Chloride nutrients, which are formulated to enhance Chlorophyll production in the plant. More Chlorophyll along with sunlight promotes more photosynthetic energy in the plant which enhances growth and reproduction.

7 Nitro-Mag includes a unique nitrogen stabilizer (Nutri-Boost) that has proven to keep the NH<sub>2</sub> from converting to ammonium and nitrate in the soil.

8 Nitro-Mag has ample amounts of Boron included naturally. Boron is important for the proper development of seed, fruiting, and root or tuber growth.

9 Years of plot and field testing has shown gains in yield and quality using various application methods of the product.

10 Nitro-Mag is an Amine Nitrogen (NH<sub>2</sub>) liquid product which can be used on all commercial crops including Corn, Soybeans, Sugar Beets, Potatoes and Wheat.

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## ADDITIONAL PRODUCTS

### Nitro-Mag™ S 25-0-0-4S-2Mg-5Cl-.017B

Nitro-Mag S has the benefit of added sulfate sulfur to our base Nitro-Mag product. Sulfur increases efficiency of Nitrogen (NUE), increases protein in grain, aids enzyme activity, is important to amino acid production and the formation of Chlorophyll. Nitro-Mag S is a more efficient product than 28-0-0-5.

### Nitro-Mag™ K 20-0-3-0-2Mg-5Cl-.017B

Nitro-Mag K adds Potassium to our base Nitro-Mag product. Potassium is associated with plant water management through controlling the opening and closing of leaf stomata. In a pivot application where Nitrogen washes over the leaves it causes a temporary decrease in the plant's Potassium levels. Nitro-Mag K applied through a pivot application(s) will bring Potassium levels back in line quickly.

### Nitro-Mag™ K-S 20-0-3-3S-2Mg-5Cl-.017B

Now you don't need to make a choice between Nitro-Mag S or Nitro-Mag K for crop applications. We have combined both Sulfur and Potassium in Nitro-Mag K-S for a powerful liquid fertilizer that can be applied any time during the season. Get the benefits of Stabilized Amine Nitrogen plus chlorophyll producing Magnesium, Chloride and Boron, now with Sulfur and Potassium added.

### Nitro-Mag™ 28 28-0-0-0-2Mg-5Cl-.017B

Nitro-Mag 28 increases the amount of Nitrogen from 24% to 28%, which is the highest Nitrogen concentration in our product line. Our research has shown that Nitro-Mag 28 Amine Nitrogen is more efficient than commercial liquid Nitrogen products.

### Nitro-A 21 21-0-0

Nitro-A 21 is a 21% liquid Stabilized Amine Nitrogen. Nitro-A 21 will provide the Nitrogen portion of blends that include Phosphate along with Sulfur, and can be custom blended with all Micronutrients. Nitro-A 21 can be used in all crop applications including where Phosphate is desired.



# PUT SOME MUSCLE ON YOUR CROPS

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