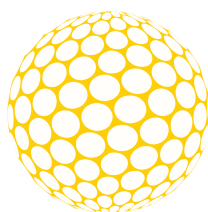


SULFAMMO[®] N-PROCESS



A MORE COMPLETE NITROGEN FERTILIZER

SULFAMMO is a smarter nitrogen fertilizer engineered to do more by delivering slow-release nitrogen, essential secondary nutrients, and biostimulant activity in every homogenous granule.

Conventional nitrogen fertilizers leave yield potential on the table through volatilization, leaching, and soil acidification. SULFAMMO is formulated with N-Process, a biostimulant technology that combines Calcimer, our marine source of calcium, and the N-Pro molecule, a powerful seaweed extract. N-Process helps stabilize nitrogen release in the soil, reduces nutrient losses, and actively promotes microbial and enzymatic activity for peak plant performance.



N MANAGEMENT

- Organo-calcium matrix reduces nitrogen loss
- On-demand release related to soil and plant activity



SOIL ACTIVITY

- Calcimer makes a non-acidifying fertilizer
- Benefits soil microbes to improve mineralization rates



PROTEIN PRODUCTION

- N-pro complex increases nitrogen metabolism in the plant
- Sulfur and magnesium improve protein synthesis

TARGET USE:

Side-Dress or Pre-Plant

Can be Blended or Solo Applied

For All Crops

PACKAGING:

50 lbs bag

1,333 lbs super sack

ANALYSIS:

Total Nitrogen (N) 30.0%
 Calcium (Ca) 2.5%
 Magnesium (Mg) 1.2%
 Sulfur (S) 8.0%

Derived from: Urea, Ammonium sulfate, Magnesium sulfate, Calcium carbonate.



PLANT BUILDING



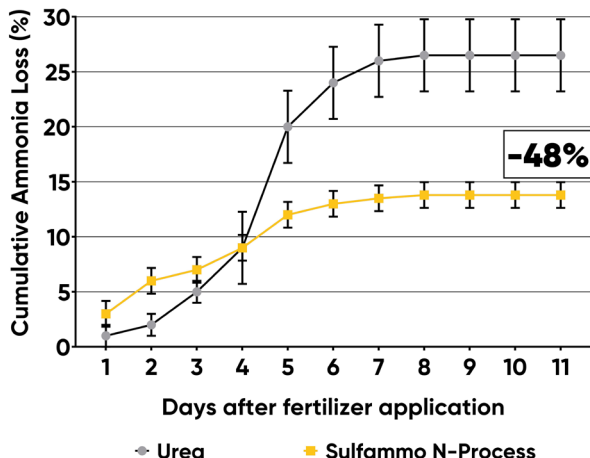
NUTRIENT EFFICIENCY



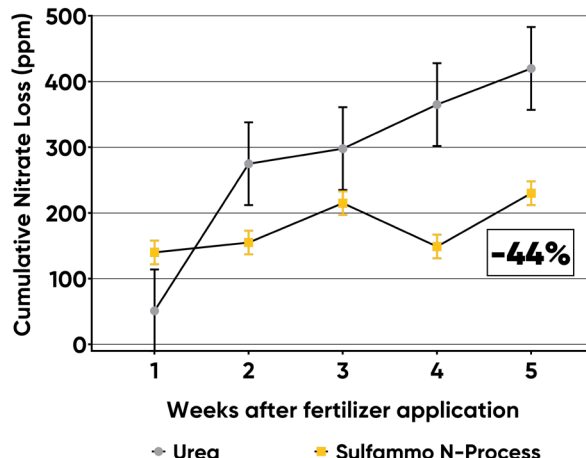
SOIL FUNCTION



Effect of SULFAMMO Fertilizer on Ammonia Volatilization



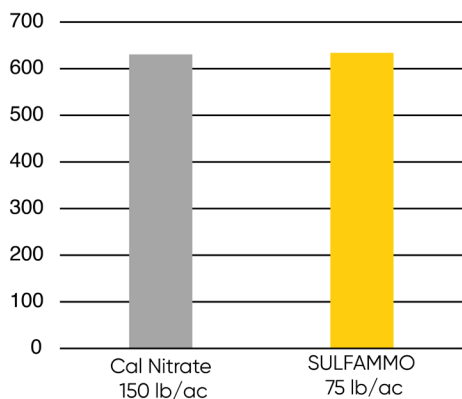
Effect of SULFAMMO Fertilizer on Nitrate Leaching



Research has shown that SULFAMMO N-Process reduces cumulative ammonia volatilization by 48% and cumulative nitrate leaching loss by 44%. Data shown are the averages of 4 replicates per sample time. Leaching data was obtained from soil columns that received 0.6" simulated rain each sampling time using a silty loam soil with pH=8, T=77°F. Source: Roullier R&D, CRIAS.

SULFAMMO vs Calcium Nitrate Apple Yield (bu/ac)

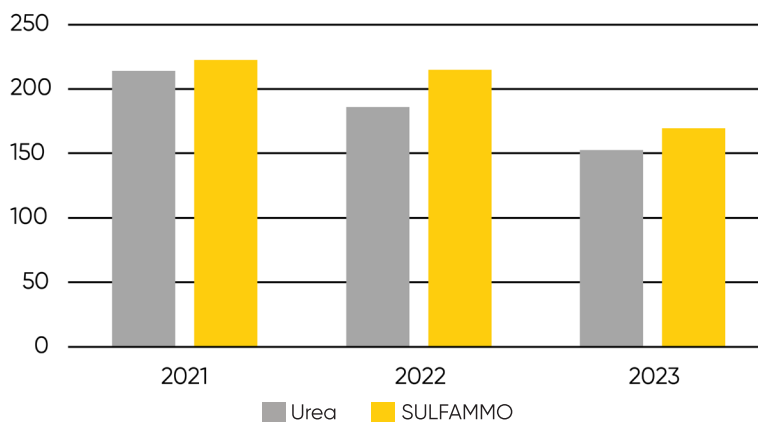
Lyons, NY



Using half the rate per acre of calcium nitrate, SULFAMMO slightly increased bushels of apples per acre, highlighting its nutrient use efficiency.

SULFAMMO vs Urea Corn Yield (bu/ac)

Gratiot, WI



A multi-year corn study showed SULFAMMO, applied at 400 lbs per acre (120 units of N), compared to a standard urea, applied at 400 lbs per acre (184 units of N), delivered a consistent average yield advantage of +18 bushels per acre. This response demonstrates the agronomic efficiency of SULFAMMO's stabilized nitrogen formulation, which minimizes nitrogen loss and increases the soil microbial productivity of the soil.