



SMITH FERTILIZER & GRAIN

# **SUPER GROW**

Smith *Super Grow* is a nitrogen source with unique and extremely beneficial characteristics.

**7-5-1-4 Analysis  
140-10-20-80 (S)/Ton**

- Co-product from the Heartland Lysine plant. (Produced from bacteria that feed on corn sweeteners).
- Attaches to the soil (positive charge ion) and must be released by soil micro-organisms to be in the nitrate form. (Same process that anhydrous ammonia goes through)
- Nitrogen form is 80% ammonium, 20% organic, and virtually no nitrate nitrogen.
- Is not susceptible to volatility like other nitrogen sources.
- Will not leach in winter.
- Also contains Phosphate, Potassium, and Sulfur.
- Has produced higher protein levels in corn (related to the sulfur level).
- Produces comparable yields to other forms of nitrogen.
- Environmentally friendly and safe, an organic material that attaches to the soil and will not hurt earthworms.
- Little or reduced compaction (applied by flotation equipment can also be applied to frozen ground).
- Even application (liquid that is professionally applied).
- Licensed and approved by Iowa Fertilizer Law.
- Proven over 20 years experience with the product.
- Local Iowa State Research started in 1989.

**805 N. Hwy 5  
Albia, IA  
641.932.2100**

**1650 Quebec  
Knoxville, IA  
641.828.8500**

**1605 S. 24th  
Centerville, IA  
641.856.2828**

**702 East Jasper  
Pleasantville, IA  
515.848.5000**

***Extremely cost effective source of Nitrogen!***

***To place an order or for information contact your Smith Fertilizer & Grain Agronomist.***