

RGS® SPECIFICATIONS

- GUARANTEED ANALYSIS -

Total Nitrogen (N) 15.0%
% Ammoniacal Nitrogen 15.0%
Zinc (Zn) 17.0%
Derived from ammonia and zinc oxide.

- PROPERTIES -

Specific Gravity..... 1.265
Weight per gallon..... 10.55
Gallons per ton 189

- General Information -

RGS is designed for use in anhydrous ammonia, liquid fertilizers and dry fertilizers containing nitrogen as an aid in crop production.

Liquid Fertilizer: When mixing with band applications, apply 5 ounces **RGS** per acre. When mixing with broadcast applications, apply 10 ounces **RGS** per acre. **RGS** may not be compatible with high ortho-phosphates or acid fertilizers.

Dry Fertilizer: Impregnate dry granule or fertilizers with **RGS** at the rate of 10 ounces per acre. **RGS** can be impregnated into dry granules that are at least 50% urea, ammonium nitrate or ammonium phosphate.

Anhydrous Ammonia: **RGS** is readily soluble in liquid anhydrous ammonia (not in the vapor). Use with caution. As with all acetate products, there is a potential for pluggage in application equipment.

- Attention -

Always check compatibility with other products prior to use. Since weather, crops, soil and other conditions may vary, **Nulex** Inc. and/or the Seller make no warranty of any kind, expressed or implied concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

RGS Root Growth Stimulator, manufactured only by:

NULEX®, Inc.



1919 Grand Avenue • Sioux City, Iowa 51106-5708

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Nulex®, Inc
1919 Grand Avenue
Sioux City, Iowa 51106-5708

RGS®

Root Growth Stimulator

Energize the “HIDDEN HALF” of Your Crop The ROOTS!

New Website! www.RootGrowth.com

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Nulex®, Inc.

What is Root Growth Stimulator?

RGS® is a post-patent zinc ammine acetate, chemically identical to ACA®. University research established the chemistry utilized in RGS® over 20 years ago. Since then, the zinc ammine acetate formula has been field proven on millions of acres to increase root mass and improve yields.

What Does RGS® Do?

RGS is a synergistic formulation of zinc and ammonium acetate that stimulates the plant to generate a greater volume of healthier roots. The result is a plant with more vigor and greater stress tolerance that produces higher yields and higher profits.

Vigorous Root Systems Boost Crop Yields.

Any crop is dependent on a healthy, vigorous root system to reach its maximum potential yield. Crops treated with RGS® develop a more extensive root system that do a better job of utilizing available nutrients and soil moisture. The benefits of a more robust root system are:

- ✗ Improved nutrient efficiency
- ✗ Faster early-growth overcomes cold, wet soils
- ✗ Deeper roots better utilize subsoil moisture in drought conditions
- ✗ Stronger brace roots
- ✗ Increased stalk diameter and strength
- ✗ Greater resistance to stress
- ✗ Stronger roots resist soil compaction
- ✗ Increased foliage and seed fill
- ✗ Increase yields and profit



Blends of traditional NPK fertilizers are applied to promote healthy vegetation and grain production. Whereas, RGS® is especially formulated to stimulate the "hidden half" of your crop to produce more root volume at a faster pace.

- RGS stimulates vigorous root growth
- RGS helps build stronger roots to penetrate compacted soils
- RGS stimulates regrowth of pruned roots following field operations
- RGS stimulates deeper root growth to better utilize subsoil moisture
- RGS promotes greater root volume to intercept more available nutrients
- RGS increases yield and profit



RGS encourages stronger and deeper root systems that are able to deliver more nutrients and moisture to maximum producing crops.



CUSTOMER SATISFACTION!

"I have used **RGS Root Growth Stimulator** for the past two years. I put it in-furrow with liquid fertilizer on both wheat and corn. I am convinced that the increased root mass created by RGS helped my crops hang on through very dry conditions."

—Brian Kinkler, Kinkler Farms, Central South Dakota

RGS® Makes Economic Sense.

RGS® is a value-added product that can be banded with a liquid starter at planting time for less than the price of a bushel of corn. Typical RGS customers report a 5-bushel per acre response over plots without RGS®. (Response has been even greater when conditions are dry.) For less than the cost of one bushel of corn per acre, RGS® will give you the peace-of-mind that the "hidden half" of your crop is in prime working condition.

RGS® is Versatile and Easy-to-Use.

Crops that will respond to RGS® applications include corn, soybeans, wheat, sugar beets, dry beans, potatoes and many other vegetables and field crops.



◀ Add RGS to liquid starters at planting time

Soluble in Anhydrous Ammonia ▶



◀ Combine RGS with weed 'n' feed applications

Impregnate dry fertilizer granules ▶

RGS® is available in 2 x 2½ gallon jugs, 30-gallon drums, minibulks and bulk.



RGS® is manufactured by Nulex®, Inc.—nationally known for producing cost-effective and environmentally friendly liquid zinc micronutrients since 1971.