

# RSA Gradual-N™

## 30-0-0

### GUARANTEED ANALYSIS

**30-0-0**

Total Nitrogen (N) . . . . . 30.0%

12.0% Urea Nitrogen

18.0% slowly available N

Derived from: urea and methylene urea.

**F632**

## WARNING

### KEEP OUT OF REACH OF CHILDREN

In case of contact with eyes and/or skin, immediately flush with plenty of water and seek medical attention.



*"The Finest Name  
in Plant Nutrition"*

Manufactured by:  
RSA MicroTech, LLC  
P.O. Box 39  
Marysville, WA 98270

**WEIGHT PER GALLON: 10.4 lbs. (4.72 kg)**

**NET CONTENTS: 2.5 gal. (9.46 L)**

**NET WEIGHT: 26 lbs. 0 oz. (11.8 kg)**

0/A26/5

**PULL HERE TO OPEN ►**

## STORAGE and DISPOSAL

Do not store below 32°F. Store out of direct sunlight. Keep in a cool location out of reach of children and livestock. Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

## PRECAUTIONS

**RSA Gradual-N™ 30-0-0** is most effective when plants are growing rapidly and least effective when plants are dormant or suffering from stress. Do not apply when temperatures exceed 90°F or when plants are under stress due to excessive heat or lack of moisture. Determine compatibility before tank mixing with other fertilizers and/or pesticides by use of jar test.

## GENERAL RECOMMENDATIONS

**RSA Gradual-N™ 30-0-0** is designed for soil and foliar application. **RSA Gradual-N™ 30-0-0** contains urea nitrogen for immediate response as well as methylene urea, which is converted to a usable form of nitrogen over time. **RSA Gradual-N™ 30-0-0** can be applied in its concentrated form, or can be diluted with water for ease of application. **RSA Gradual-N™ 30-0-0** can be mixed with most pesticides when mixing is done in the following order: (1) 1/2 of the water (turn on circulation), (2) **RSA Gradual-N™ 30-0-0**, (3) flowable materials, and (4) wettable powders.

**FIELD CROPS (corn, soybeans, edible beans, sorghum, and cotton):** Apply 3 to 10 quarts per acre by ground. Apply 4 to 6 weeks after planting or when deficiency symptoms first appear. For serial applications, use 1 to 2 quarts per acre in a minimum of 3 gallons of water.

**VEGETABLE CROPS:** Apply 3 to 8 quarts per acre. Application should be made early in the growing season. This treatment should be repeated if crops continue to show deficiencies. Avoid spraying during bloom periods.

**ORCHARD CROPS (apples, pears, pecans, citrus):** Apply 1/2 to 1-1/2 gallons per acre pre-bloom. Application should be repeated every 2-4 weeks until 30 days prior to harvest.

**GRAINS (wheat, oats, barley):** Apply 3 to 8 quarts per acre in adequate water to assure thorough coverage. Make the first application at tillering and the second application 14 to 21 days after the first application. For best results, spray when the crop is actively growing, after irrigation or natural rainfall.

### ORNAMENTALS

**ANNUAL AND PERENNIAL FLOWERS:** Apply the appropriate amount of **RSA Gradual-N™ 30-0-0** according to the nitrogen charts listed below. Apply in a minimum of 5 gallons of water per 1,000 square feet. For smaller quantities, mix 2 ounces of **RSA Gradual-N™ 30-0-0** per gallon of water.

**SHRUBS AND VINES:** Mix 2 quarts of **RSA Gradual-N™ 30-0-0** and spray to point of runoff.

For smaller quantities, mix 2 ounces of **RSA Gradual-N™ 30-0-0** per 1 gallon of water.

**TREES AND LARGE WOODY SHRUBS:** Apply 1 pound of nitrogen (40 ounces of **RSA Gradual-N™ 30-0-0**) per 1,000 sq. ft. under the canopy. Inject 3"-6" below the soils surface.

**TURF: RSA Gradual-N™ 30-0-0** may be used on all turf grasses including: bluegrass, perennial ryegrass, and other northern grasses, bahiagrass, tall fescue, St. Augustine grass, zoysia grass, centipede grass, bentgrass and bermuda grass. Apply according to the amount of nitrogen needed using the chart below.

**Note:** On centipede grass do not apply with other fertilizers, pesticides or specialty products when temperatures can exceed 90°F.

**INJECTION SYSTEMS:** Inject at rate of 50 to 400 ppm monthly.

**Note:** A lawn will typically utilize 1 to 4 pounds of nitrogen per 1,000 sq. ft. each growing season. Use this product in conjunction with an additional fertilization program to provide at least 1 pound of nitrogen per 1,000 sq. ft. each growing season. Consult your local Agricultural Extension Agent for the proper amount of nitrogen to be applied in your areas.

### Rate of RSA Gradual-N™ 30-0-0 resulting in differing nitrogen amounts

Gallons of Spray per 1,000 ft <sup>2</sup>	RSA Gradual-N™ 30-0-0 per 100 gallons of Spray Solution (gallons)						
	0.1 lb. N	0.2 lb. N	0.3 lb. N	0.4 lb. N	0.5 lb. N	0.75 lb. N	1 lb. N
5	0.65	1.30	1.95	2.60	3.25	4.88	6.50
4	0.81	1.62	2.43	3.24	4.05	6.08	8.10
3	1.07	2.14	3.21	4.28	5.35	8.03	10.70
2	1.60	3.20	4.80	6.40	8.00	12.00	16.00
1	3.23	6.46	9.69	12.92	16.15	24.23	32.30

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.regulatory-info-rsa.com>.

## Notice of Warranty

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal condition of use. Seller makes no warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above. Under no circumstances will such warranty extend to the use, storage or handling of this product contrary to the label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller. The buyer shall assume all such risks of such use, including but not limited to crop injury, ineffectiveness, damage to plants, damage caused by drift to other plants or crops, personal injury or other unintended consequences. These consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller. In no case shall RSA MicroTech, LLC be liable for consequential, special or indirect damages resulting from the use or handling of this product.

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