

# RSA Gradual-N™ 25-0-0-0.5B

## GUARANTEED ANALYSIS

**25-0-0**

Total Nitrogen (N) . . . . .	25.0%
18.8% Urea Nitrogen	
6.2% Other Water Soluble Nitrogen*	
Boron (B) . . . . .	0.5%

Derived from: urea, polymethylene urea, and boric acid.

\*6.2% slowly available Nitrogen from 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.



**MICROTECH**

*"The Finest Name  
in Plant Nutrition"*

Manufactured by:  
RSA MicroTech, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589

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

**NET CONTENTS:**

0/0331/6

## 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™ 25-0-0-0.5B** 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 a jar test.

**WARNING:** Excess amounts of Boron can cause plant injury. DO NOT OVERAPPLY! Always obtain specific Boron recommendations from your local agricultural authority before applying.

## GENERAL RECOMMENDATIONS

**RSA Gradual-N™ 25-0-0-0.5B** is designed for foliar application where the addition of boron, readily available nitrogen, and slowly available nitrogen could be beneficial. **RSA Gradual-N™ 25-0-0-0.5B** contains urea nitrogen for immediate response as well as methylene urea, which is converted to a usable form of nitrogen over time. The boron in **RSA Gradual-N™ 25-0-0-0.5B** is rapidly absorbed and translocated throughout the plant.

**RSA Gradual-N™ 25-0-0-0.5B** 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™ 25-0-0-0.5B**, (3) flowable materials, and (4) wettable powders. If local information is not available on compatibilities, conduct a jar test.

**FIELD CROPS (corn, soybeans, edible beans, sorghum, sugar cane, and cotton):** Apply 1/2 to 3 gallons per acre by ground. Apply 4 to 6 weeks after planting (prior to bloom) or when deficiency symptoms first appear. For aerial applications, use 1 to 4 quarts per acre in a minimum of 5 gallons of water.

**VEGETABLE CROPS:** Apply 1/2-2 gallons 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 2 gallons per acre pre-bloom. Applications after petal fall should be done only with local information as to not physically spot the fruit.

**GRAINS (wheat, rice, oats, barley):** Apply 2 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 later. For best results, spray when the crop is actively growing, after irrigation or natural rainfall.

**ORNAMENTALS:** Apply according to the boron needs of the plants. If additional nitrogen is needed, use **RSA Gradual-N™ 25-0-0-0.5B** in the spray mixture.

**TURF:** **RSA Gradual-N™ 25-0-0-0.5B** 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 boron required.

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

## Application Tables for Turf

Rate of Application (per 1,000 ft <sup>2</sup> )	Turf Applications Amount of RSA Gradual-N 25-0-0-0.5 per 100 gallons			
	1/8 lb N (gallons)	1/4 lb N (gallons)	1/3 lb N (gallons)	1/2 lb N (gallons)
2	2.0	3.9	5.2	7.9
3	1.3	2.6	3.5	5.2
4	1.0	2.0	2.6	3.9
5	0.8	1.6	2.1	3.1

Turf Applications RSA Gradual-N 25-0-0-0.5 per Fluid Ounce	
6 oz <sup>1</sup>	1/8 lb N
12 oz	1/4 lb N
16 oz	1/3 lb N
25 oz	1/2 lbs N

<sup>1</sup>Rates are per 1,000 ft<sup>2</sup>

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.