

# Plant Nutrient 12-1-12

Greens Grade

## Directions – Please Read Carefully Before Using

### GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 12.00%  
 1.45% Urea Nitrogen  
 5.53% Slowly Available Water Soluble Nitrogen\*  
 5.02% Water Insoluble Nitrogen\*  
 Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 1.00%  
 Soluble Potash (K<sub>2</sub>O) ..... 12.00%  
 Calcium (Ca) ..... 1.35%  
 Sulfur (S) ..... 4.67%  
 Iron (Fe) ..... 0.84%

Derived From: Bio-Solids, Methylene Urea, Sulfate of Potash.

Salt Index: 19.00 Bulk Density: 58.00

**Net Weight 50 lbs (22.70 kg)**

50 lbs. Covers 6,000 sq. ft.

(These rates equal 1 lb. nitrogen per 1,000 sq. ft.)

\*10.02% Slow Release Nitrogen derived from Methylene Ureas.

### General Information

This product is a highly versatile premium micro-sized fertilizer that is ideal for the nutrient demands of top quality turf management. This nutrient promotes a superior, sustained color response that produces the visual appeal turf professionals desire.

### How to Use\*

For optimum performance, begin spring applications just before soil temperatures reach 50 degrees F. Although nitrogen can be applied at the rate of 1.0 lb Per 1,000 sq ft every 8 weeks, it is also recommended that lighter, half-rate applications be made each month, especially during hot, dry periods. Continue scheduled feedings throughout the growing season until soil temperature retreats to below 50 degrees F. Late fall and dormant feedings are recommended after soil temperatures remain below 50 degrees F for several consecutive days and turf growth has slowed considerably.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

**NEVER FERTILIZE WHEN THE GRASS IS MOIST  
ALWAYS CLEAN OUT SPREADER AFTER EACH USE.**

DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN

**KEEP OUT OF REACH OF CHILDREN**

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

DISTRIBUTED BY VOGEL SEED & FERTILIZER INC.  
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### NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

Product	Low Rate	Medium Rate	High Rate
12-1-12	4.16 lbs/M	6.25 lbs/M	8.33 lbs /M
Lbs Nutrients/M	N: .50 P: .04 K: .50	N: .75 P: .06 K: .75	N: 1.00 P: .08 K: 1.00

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