

# Plant Nutrient

# 18-24-12

## GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N) .....	18%
8.60% Urea Nitrogen*	
9.40% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	24%
Soluble Potash (K <sub>2</sub> O) .....	12%
Sulfur (S) (Actual) .....	2.84%

### Ingredients:

Ammoniated Phosphate, Muriate of Potash, Sulfate of Potash, and Polymer-Coated, Sulfur-Coated Urea.

Salt Index: 56.40 Bulk Density: 65.70

Net Weight 22.70 kg. (50 lbs.)

22.7kg. (50 lbs.) Covers 836.1 m<sup>2</sup> (9,000 sq. ft.)

These rates equal .454 kg. (1 lb.) nitrogen per 92.9m<sup>2</sup> (1,000 sq. ft.)

\*50% or 9.00 units slowly available water-soluble nitrogen derived from Polymer-Coated, Sulfur-Coated Urea.

**Brett Young** <sup>TM</sup>

**Item # 2401800**

SGN 220

50% Polymer-Coated, Sulfur-Coated Urea®

## Directions – Please Read Carefully Before Using

### General Information

This product is a highly versatile premium mini-sized fertilizer that is ideal for the nutrient demands of top quality turf management. The precise balance of nutrients 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 10 degrees C. Although nitrogen can be applied at the rate of .454kg (1.0 lb.) per 92.9m<sup>2</sup> (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 10 degrees C. Late fall and dormant feedings are recommended after soil temperatures remain below 10 degrees C 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.

Item Number: **2401800**

### NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

Product	Low Rate	Medium Rate	High Rate
18-24-12 (1.2 kg/92m <sup>2</sup> ) 2.7 lbs / 1,000Sqft	(1.9kg/92m <sup>2</sup> ) 4.1 lbs / 1,000Sqft	(2.5kg/92m <sup>2</sup> ) 5.5 lbs / 1,000Sq ft	
Kg/92.9M <sup>2</sup> Lbs /1000 sq ft	(N.23P.30K.15) N .5 P .66 K .33	(N.34P.45K.23) N .75 P 1 K .5	(N.45P.60K.30) N 1 P 1.33 K.66
Rotary Spreader	Settings	Settings	Settings
Prizelawn	N	M	O
Earthway 2400	15	17	19
Accupro	M	N	P
Lesco 00600	J	K	M
Spyker	5.5	6	6.5

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

Note These Setting are approximate. Due to atmospheric conditions and wear on spreaders it is impossible to be 100% accurate, it is wise to set your spreader to a low rate and then measure the coverage of only one pound of turf food. If you are under applying, increase the rate, if you are over applying, decrease the rate. If in doubt, it is better to under-apply than to over-apply and use formulations with more controlled releases, especially during hot dry conditions.

Note: These Settings are Approximate and can be influenced by other contributing factors Vogel Seed & Fertilizer Inc. makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

### KEEP OUT OF REACH OF CHILDREN

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

Manufactured by: Vogel Seed & Fertilizer Inc. 1891 Spring Valley Rd. Jackson, Wi. 53037 USA

**LOT CODE: WI13063**