

# Plant Nutrient 24-0-12

**Regain  
Micros**

**Directions – Please Read  
Carefully Before Using**

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	24.00%
23.20% Urea Nitrogen*	
0.15% Slowly Available Water Soluble Nitrogen	
0.65% Water Insoluble Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	12.00%
Sulfur (S) .....	1.73%
Boron (B).....	0.025%
Copper (Cu).....	0.062%
Iron (Fe).....	0.52%%
Manganese (Mn).....	0.06%
Soluble Manganese 0.02%	
Zinc (Z) .....	00.06%

Derived From: Bio-Solids, Copper Oxide, Copper Sulfate, Ferrous Sulfate, Iron Oxide, Manganese Oxide, Manganese Sucrate, Molybdc Oxide, Muriate of Potash, Sodium Borate, Urea, Zinc Oxide, Zinc Sulfate

\*Urea stabilized with N-Crease 46.

Salt Index: 62.58 Bulk Density: 56.52

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

50 lbs. Covers 12,000 sq. ft.

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

**WARNING:** Some crops may be injured by the application of Boron.

## 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 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.

**Item Number: 2254889**

## NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

Product	Low Rate	Medium Rate	High Rate
24-0-12	2.08 lbs/M	3.12 lbs/M	4.16 lbs /M
Lbs Nutrients/M	N: .50 P: .00 K: .25	N: .75 P: .00 K: .37	N: 1.00 P: .00 K: .50
Rotary Spreader	Settings	Settings	Settings
Accupro	J	K	M
Earthway 2400	12	13	15
Lesco 00600	14	16	18
Prizelawn	H	I	K
Spyker	4	4.5	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.

DISTRIBUTED BY VOGEL SEED & FERTILIZER INC. 1891 SPRING VALLEY ROAD, JACKSON, WI 53037