

# Plant Nutrient 22-0-5

## REGAIN NUTRILIFE

Fairway Grade

### Directions – Please Read Carefully Before Using

#### GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 22.00%  
 22.00% Urea Nitrogen\*  
 Soluble Potash (K2O) ..... 5.00%  
 Sulfur (S).....1.70%  
 Iron (Fe) ..... 0.11%  
 Manganese (Mn) ..... 0.05%  
 Zinc (Z) ..... 0.06%

#### Derived From:

Sulfate of Potash, Urea, Iron Oxide, Ferrous Sulfate,  
 Manganese Oxide, Manganese Sulfate, Zinc Oxide, and  
 Zinc Sulfate.

Salt Index: 6.06 Bulk Density: 67.28

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

50 lbs. Covers 11,000 sq. ft.

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

\*Urea stabilized with N-(n-Butyl)thiophosphoric  
 triamide

**Item Number: 2017578**

#### General Information

This product is a premium mini-sized fertilizer that is ideal for the nutrient demands of top quality performance particularly on golf fairways, athletic fields and other short-cut turf areas.

The precise control of nitrogen release combined with low salt ingredients promotes a superior, sustained color response that produces the visual appeal and the championship playability turf professionals desire. The mini-granular particles are uniformly sized for even application that will quickly settle beneath the turf canopy with minimal effect on ball roll or mower pick-up.

#### 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.

#### NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

Product	Low Rate	Medium Rate	High Rate
22-0-5	2.27 lbs/M	3.40 lbs/M	4.54 lbs /M
Lbs Nutrients/M	N: .50 P: .00 K: .11	N: .75 P: .00 K: .17	N: 1.00 P: .00 K: .22
Rotary Spreader	Settings	Settings	Settings
Accupro	K	L	N
Earthway 2400	13	14	16
Lesco 00600	16	18	20
Prizelawn	I	J	L
Spyker	4.5	5	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.  
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#### PRECAUTIONARY STATEMENT

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Do not handle until all safety precautions have been read and understood. Wear protective gloves and clothing as well as eye and face protection. Do not breathe dust. Use the proper respirator, when necessary, to avoid injury. If exposed or concerned: Get medical attention. Store to minimize dust generation. This product contains greater than 0.1% crystalline silica. Crystalline silica has been linked to cancer, silicosis, and other lung problems in conditions of prolonged airborne over-exposure.

**Personal Protective Equipment (PPE):** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

Additional information on the selection and use of respirators can be found in the *NIOSH Respirator Selection Logic (DHHS [NIOSH] Publication No. 2005-100)* and the *NIOSH Guide to Industrial Respiratory Protection (DHHS [NIOSH] Publication No. 87-116)* available at <http://www.cdc.gov/niosh/docs/87-116/>

#### KEEP OUT OF REACH OF CHILDREN

##### DANGER

May be harmful if swallowed  
 May be harmful in contact with skin  
 May be harmful if inhaled  
 Causes serious eye irritation  
 Causes skin irritation  
 May cause cancer



#### STORAGE & DISPOSAL

Do not contaminate water sources by cleaning of equipment or disposal of rinse-water. Dispose of any product and containers in accordance with local, state, International and federal regulations. For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

#### FIRST AID

<b>IF SWALLOWED:</b>	Call a poison center or doctor if you feel unwell: Rinse mouth.
<b>IF IN EYES:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
<b>IF ON SKIN:</b>	Remove contaminated clothing and wash skin with soap and water. If skin irritation occurs, get medical advice/attention.
<b>IF INHALED:</b>	Call a poison center or doctor if you feel unwell.