# Plant Nutrient **17-0-17**

## **GUARANTEED ANALYSIS**

Total Nitrogen (N)	17.00%
5.44% Urea Nitrogen*	
6.80% Slowly Available Water So	oluble Nitrogen**
4.76% Water Insoluble Nitrogen*	*
Soluble Potash (K <sub>2</sub> O)	17.00%
Sulfur (S)	5.78%
Iron (Fe)	0.11%
Manganese (Mn)	0.05%
Zinc (Z)	0.06%

Derived From: Ferrous Sulfate, Manganese Oxide, Manganese Sucrate, Methylene Urea, Sulfate of Potash, Urea, Zinc Oxide, Zinc Sulfate.

> Salt Index: 30.00 Bulk Density: 69.00 **Net Weight 50 lbs (22.70 kg)** 50 lbs. Covers 8,500 sq. ft.

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

- \*Urea stablilzed with N-Crease 46.
- \*\*11.56% Slow Release Nitrogen derived from Methylene Ureas.

Item Number: 2000335

## NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

Product	Low Rate	Medium Rate	High Rate
17-0-17	2.94 lbs/M	4.41 lbs/M	5.88 lbs /M
Lbs Nutrients/M	N: .50	N: .75	N: 1.00
	P: .00	P: .00	P: .00
	K: .50	K: .75	K: 1.00
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

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. Vogel Seed & Fertilizer makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

## **DDP Micros**

Fairway Grade

## Directions – Please Read Carefully Before Using

## **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.

## 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 <a href="http://www.aapfco.org/metals.htm">http://www.aapfco.org/metals.htm</a>

DISTRIBUTED BY VOGEL SEED & FERTILIZER INC. 1891 Spring Valley Road. JACKSON, WI 53037

## 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 <a href="http://www.cdc.gov/niosh/docs/87-116/">http://www.cdc.gov/niosh/docs/87-116/</a>

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

