Interpreting a Fertilizer Label

Susan Haddock, Commercial Horticulture/Integrated Pest Management Agent IV, UF/IFAS Extension Hillsborough County

18-0-18

Guaranteed Analysis
Total Nitrogen (N) .....................................................18.00%
18%Urea Nitrogen*
Soluble Potash (K2O)................................................18.00%
Iron (Fe).......................................................................3.00%

DERIVED FROM: Polymer Coated Urea, Urea, Muriate of Potash, Sulfate of Potash, Iron Sucrate

*9.00% Slowly Available Urea Nitrogen from Polymer Coated Urea.

DIRECTIONS FOR USE
Apply only as directed. Apply during the growing season.
Recommended applications are at the rate of one pound of nitrogen and potash per 1,000 sq. ft. Actual rates and timing of applications will vary with weather, soil, and turf conditions.

Application Rates:
LIGHT: 2.8 lbs/1,000 sq. ft.
MEDIUM: 5.6 lbs/1,000 sq. ft.
HIGH: 8.4 lbs/1,000 sq. ft.

Commercial applicators and homeowners follow the Florida Green Industries BMP’s.
Golf Course applicators follow the BMPs for the Enhancement of Environmental Quality on Golf Courses.
Sports field applicators follow the BMPs for the Sports Field Manager Guide for Environmental Sports Field Management.

Pay attention to ALL other application instructions

For all applications:
• Apply to dry foliage.
• Water in after application with a minimum of 0.2 inches to help move particles into the turf canopy.
• Do not collect clippings for at least one mowing following application to avoid particle pick-up.

Cool Season Grasses:
• Apply at the LOW or MEDIUM RATE.
• Apply at the LIGHT RATE when temperatures exceed 85°F.

Warm Season Grasses:
• Apply at the LOW to MEDIUM RATE every 4-6 weeks during the period of active growth.
Note: This product contains the micronutrient iron for extra greening and to help prevent iron deficiency. Iron may stain concrete and other surfaces. Misapplied product to these surfaces should be removed promptly by sweeping or blowing. DO NOT WASH OFF WITH WATER.

For best results, sweep or blow the fertilizer off walks and painted surfaces following application to avoid discoloration. 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

STORAGE AND USE
Store in a clean, dry place. Reseal opened bag by folding top down and securing. Use only in clean, dry spreaders. Do not leave unused product in spreaders.

ROTARY SPREADER SETTINGS:
Apply XXX Fertilizers Products only with a rotary spreader. The following rotary spreader settings are approximate for the application rates of one pound of nitrogen and potash per 1,000 square feet. You may need to adjust the setting depending on walking speed, spreader condition and product.

**ROTARY SPREADER SETTINGS**
- LESCO – Rotary Models 17
- PermaGreen 17
- Cyclone®/ Spyker® /Z-Spray 4½
- Lely® 4¾ ll

**IMPORTANT: READ BEFORE USE:**
Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not accept- able, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

**WARRANTY DISCLAIMER and LIMITATION of LIABILITY:**
Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer’s intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

Manufactured by: The XXX Lawn Fertilizer Division, Inc. P.O. Box XXX Tampa, FL 55555 www.XXXlawnproducts.com
For additional product assistance call: 1-800-555-5555

**COVERAGE:** 50 pounds of XXX 18-0-18 Fertilizer covers approximately 9,000 square feet at the application rate of one pound of nitrogen and potash (5.6 pounds of fertilizer) per 1,000 sq. ft.
**Net Wt. 50 Lbs. (22.68 kg)**