

PROHort Fact Sheet

Solutions For Commercial Horticulture Professionals

Interpreting a Fertilizer Label

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18- 0-18

Guaranteed Analysis

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Total Nitrogen (N)	18.00%
18% Urea Nitrogen*	
Soluble Potash (K ₂ O).....	18.00%
Iron (Fe).....	3.00%

This fertilizer contains:

- 18% nitrogen (N)**
- 0% phosphorous (P)**
- 18% potassium (K)**
- 64% other nutrients/carriers**

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

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

This fertilizer is 50% slow release:

½ of the nitrogen is polymer coated
(9.0% is 1/2 of 18%) $9/18 \times 100 = 50\%$)

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.

General Directions for Use

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.

This label does the math for you:

To apply one pound of nitrogen to 1000 sq. ft. it takes
5.6 lbs. of this fertilizer: divide 100% by 18%
($100/18 = 5.6$ lbs. fertilizer/1000 sq. ft.)

Pay attention to ALL other application instructions

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.

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.

Staining Warning

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

**Environmental Concerns:
Consistent with fertilizer ordinances**

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.

Storage Information

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 II

Suggested Spreader Settings

These are not intended to replace calibration. Spreader must be calibrated before applying product.

Warranties, Disclaimers, Limits of Liability

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 acceptable, 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

Manufacture's Information

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)

Coverage Product Weight

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