



# 20-4-10

## 230SGN

### RONSTAR® 150

For sale to, use and storage by commercial nursery, turf management and landscape personnel only.  
NET WEIGHT 50 LBS. (22.7 KG.)  
COVERS 10,893 SQUARE FEET (Coverage can be varied based on your use rates.)

#### Guaranteed Analysis

Total Nitrogen (N) ..... 20%  
    1.57% Ammoniacal Nitrogen  
    18.43% Urea Nitrogen\*  
Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 4%  
Soluble Potash (K<sub>2</sub>O) ..... 10%  
Derived from: Urea, Ammoniated Phosphate, Polymer-Encapsulated Urea and Potassium Chloride.  
\*8.00% Slowly Available Nitrogen From: Polymer-Encapsulated Urea.

#### Active Ingredient

Oxadiazon ..... 1.50%  
INERT INGREDIENTS ..... 98.50%  
TOTAL ..... 100.00%

EPA Reg. No. 8378-62

EPA Est. No. 8378-IN -1

#### POUNDS OF NUTRIENT/M SQ. FT.

| Lbs. Per Acre | Lbs. Per 1,000 Sq. Ft. | A.I. Acre | N    | P   | K   |
|---------------|------------------------|-----------|------|-----|-----|
| 135           | 3.1*                   | 2         | .62  | .12 | .31 |
| 200           | 4.6*                   | 3         | .92  | .18 | .46 |
| 266           | 6.1*                   | 4         | 1.22 | .24 | .61 |

\*NOTE: These rates do not take into account all growing conditions or plant types, always adjust rates to achieve plant needs and/or tolerance.

#### General Information

Shaw's 20-4-10 with Ronstar® is a preemergent herbicide with fertilizer combination that controls a variety of annual broadleaf weeds and annual grass weeds, including crabgrass, goosegrass and annual bluegrass (Poa annua). It controls weeds through their shoots rather than their roots, so it won't harm turfgrass roots in the process. In fact, Ronstar can be used for weed control even in areas that may need to be sprigged or where turfgrass roots are already weakened due to pest, mechanical, winterkill or other damage. Also, because Ronstar is in a different class of effective chemistry from DNA (dinitroaniline) products, it is against DNA-resistant goosegrass. This product contains 40% of the nitrogen from Polymer-Encapsulated urea (XRT). XRT is a new controlled release technology that delivers a more uniform and predictable release of nutrient for a period of up to 90 days. For Extended Release Technology, trust in XRT to deliver the lasting performance you demand. This product also contains Gro-Gard, a proprietary blend of two bio-active amino acids and co-factors; it activates key amino acids that help regulate nutrient movement between plant cells. And with greater nutrient availability, plants can achieve their full genetic potential for growth and vigor. Gro-Gard protects your turf, optimizes nutrient uptake and movement within plants, and enhances overall plant health.

#### Benefits

- Provides season-long control of weeds with just one application.
- Does not inhibit turf root growth or prevent roots from tacking down.
- Does not inhibit turf recovery from damage and offers a conducive environment for sprigging.
- May be applied to sensitive grasses including Bermudagrass and Zoysia.
- Can be applied two to three weeks before weed seed germination and still be effective.
- Fairway sized 150 SGN

#### RATES ARE FOR POUNDS PER 1,000 SQ. FT.

| Spreader Settings | 3.1 lbs./M Sq. Ft. | 4.6 lbs./M Sq. Ft. | 6.1 lbs./M Sq. Ft. |
|-------------------|--------------------|--------------------|--------------------|
| Lesco rotary      | E-F                | F-G                | G-H                |
| Scotts            | H-I                | I-J                | J-K                |
| Earthway          | 15                 | 15-16              | 18                 |
| Spyker            | 3 ½ -3 ¾           | 4                  | 4 ¼ -4 ¾           |
| Prizelawn         | 3 ½ -3 ¾           | 4                  | 4 ¼ -4 ¾           |

#### Application Instructions

Apply uniformly through calibrated commercial application equipment. Can be applied anytime of the year prior to weed seed germination to both newly transplanted and established actively growing or dormant ornamental plants where both weed control and fertilization is desired. Rainfall or overhead irrigation (¼ inch water) will improve weed control activity. Do not mix into soil. Disturbing or cultivation the soil after treatment may reduce weed control. For Turf application: if rain is not expected within 24 hours, sprinkle irrigate the treated turf with up to ¼ inch of water to get maximum weed control and quicker response from the fertilizer nutrients.

**IMPORTANT:** Read the entire directions for Use and Conditions of Sale before using this product. **FOLLOW DIRECTIONS CAREFULLY.**

**KNOX FERTILIZER COMPANY**  
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