18-4-10

BARRICADE® 38

150SGN

TECH TRILL™

With Sulfur Coated Urea

NET WEIGHT 50 LBS. (22.7 KG.)

COVERS 10,000 SQUARE FEET*

*Coverage can be varied based on your use rates.

Guaranteed Analysis

Total Nitrogen (N)..... 18%
0.80% Ammoniacal Nitrogen
17.20% Urea Nitrogen*
Available Phosphate (P_2O_5)..... 4%
Soluble Potash (K_2O)..... 10%
Sulfur (S) 6.00%
3.0% Free Sulfur (S)
3.0% Combined Sulfur (S)
Derived from: Sulfur Coated Urea, Urea, Ammoniated Phosphate and Sulfate of Potash.
*7.20% Slowly available nitrogen from: Polymer-Coated Sulfur Coated Urea.

Active Ingredients

Prodiamine[N3, N3-Din-propyl-2,4-dinitro-6(trifluoromethyl)-m-phenylenediamine]..... 0.38%
INERT INGREDIENTS 99.62%
TOTAL 100.00%

EPA Reg. No. 8378-40 **EPA Est. No. 8378-IN–1**

POUNDS OF NUTRIENT/M SQ. FT.

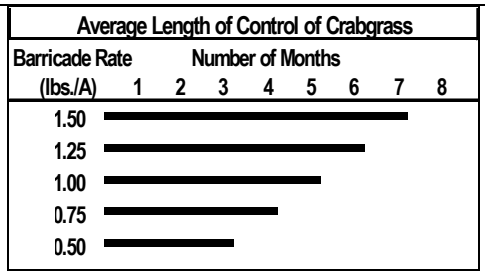
Lbs. Per Acre	Lbs. Per 1,000 Sq. Ft.	A.I. Acre	N	P	K
218	5.00	.80	.90	.20	.50

NOTE: Do not apply more than 200 lbs. of product per application or more than 395 lbs. per calendar year.

General Information

Shaw's 18-4-10 with Barricade® 38 is a premium grade pre-emergent herbicide and turf food combination. Formulated for the demanding turf professional who wants season long control or annual grasses and many common weeds depending on use rates. Barricade® 38 offers the turf professional these unique features vs. the other "DNA" type pre-emergents.
*Almost Zero Staining Potential.
*Low Levels of Active Ingredient Reduce Environmental Loading.
*Ability to Vary Length of Control with Rate.
*Low Product Solubility so Barricade Stays in Place.
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.

Average Length of Control of Crabgrass



The following settings are approximate for applying contents of this package. Settings are based on average walking speed. Reduce settings for slower speed and increase for higher speed. Check your spreader on 250 sq. ft. and adjust to apply ¼ of 1,000 sq. ft. rate. **PLEASE NOTE**: These settings are furnished as a starting guide only.

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

Spreader Settings	5.00 lbs.
Scotts R8A	K
Lesco	14-16
Spyker	4 – 4 ½
Cyclone B-1	4 – 4 ½
Earthway Broadcast	14-16

Application Instructions

Apply uniformly through suitable, calibrated commercial application equipment.
ESTABLISHED TURF: This product is a selective pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established grass turf. The species of turf grass determines the maximum amount of material that may be applied during a year. Most effective weed control in turf grasses will be obtained when this product is activated by at least ½ inch of rainfall or irrigation within 14 days after application and prior to weed germination.
IMPORTANT: Read the entire directions for Use and Conditions of Sale before using this product. **FOLLOW DIRECTIONS CAREFULLY.**

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Product # 6113379

Gro-Gard