



# 21-0-4

## MERIT® 0.20%

### 230SGN

NET WEIGHT 50 LBS. (22.7 KG.)

COVERS 14,286 Sq. Ft.

#### Guaranteed Analysis

Total Nitrogen (N) .....21%  
21.00% Urea Nitrogen\*  
Soluble Potash (K<sub>2</sub>O) .....4%  
Derived From: Urea, Polymer-Encapsulated Urea and Potassium Chloride.  
\*10.50% Slowly Available Nitrogen From: Polymer-Encapsulated Urea.  
Chlorine (Cl), not more than .....4%

#### Active Ingredients

ACTIVE INGREDIENT:  
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine .....0.20%  
INERT INGREDIENTS: .....99.80%  
TOTAL ..... 100.00%

EPA REG. NO. 101563-76-8378 EPA EST. NO. 8378-IN-1

POUNDS OF NUTRIENT/M SQ. FT.				
Lbs. Per Acre	Lbs. Per 1,000 Sq. Ft.	N	P	K
152	3.50	0.74	0.00	0.14

#### General Information

Shaw's™ 21-0-4 with MERIT® has sufficient residual activity so that applications can be made preceding egg laying activity of the target pests. University and Bayer data show 94% grub control of all included species when applied April through August 15<sup>th</sup>. Improved control can be expected with May, June, July applications of MERIT® plus fertilizer. This product contains 50% of the nitrogen from Polymer-Encapsulated urea (Surfcote). Surfcote 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 Surfcote to deliver the lasting performance you demand.

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.

SPREADER SETTINGS	LBS. PER 1,000 SQ. FT.
SPREADER	3.50 lbs.
Scott's R8	J-K
Lesco	D-E
Spyker	3-4
Cyclone B1	3-4
Earthway Broadcast	15-16

#### Application Instructions

The active ingredient in Shaw's 21-0-4 MERIT® 0.20%, has sufficient residual activity so that applications can be made preceding the egg laying activity of target pests. High levels of control can be achieved when applications are made preceding or during the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control will be achieved when applications are made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

**KNOX FERTILIZER COMPANY, INC.**

**P.O. BOX 248**

**KNOX, IN 46534**

**(574)772-6275 / FAX (574)772-5878**

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Surfcote™ is a registered trademark of KMB Technologies, Inc.