



# 33-0-9

40% DefeNd™ + 25% Nutryon-S™

Professional turf fertilizer  
Regular Grade (SGN 245)

## Product Features

- 40% of the nitrogen is from DefeNd™ stabilized nitrogen. DefeNd™ contains two inhibitors that reduce nitrogen loss to ammonia volatilization and nitrate leaching.
- 25% of the nitrogen is derived from Nutryon-S™ polymer-coated, sulphur-coated urea.
- Phosphorus free.

## Turf Benefits

- According to research, at least 30 percent of the nitrogen from urea can be lost to the atmosphere through volatilization within days of application.
- Using DefeNd™ technology will increase the availability of applied nitrogen
- Nutryon-S™ uses unique technology that supplies consistent feeding for better turf quality over an extended period.
- This product does not contain phosphorus. It must be used on phosphorus balanced soils or on unbalanced soils in combination with fertilizer that contains phosphorus.

## Product Characteristics

<b>Product Code:</b>	R544817
<b>Product Type:</b>	Professional Turf Fertilizer
<b>Particle Size:</b>	Regular Grade
<b>Net Weight:</b>	25 kg
<b>Bulk Density:</b>	897 kg/m <sup>3</sup> (56 lb/ft <sup>3</sup> )
<b>Coverage:</b>	18,190 ft <sup>2</sup> @ 3.0 lb/1000 ft <sup>2</sup>

## Guaranteed Minimum Analysis

		%
Total Nitrogen	(N)	33.0
33.0% Urea Nitrogen*		
Soluble potash	(K <sub>2</sub> O)	9.0

Derived from: urea, polymer coated, sulfur coated urea, muriate of potash

\* 13.2% Stabilized nitrogen from dicyandiamide and N-(n-butyl)-thiophosphoric triamide.

\*8.25% Slowly available Nitrogen from polymer-coated, sulfur-coated urea.



## For more information, contact Nutrite at:

5063 North Service Rd.,  
Burlington, ON  
Canada L7L 5H6  
Toll Free: 1-800-265-8865  
[www.nutrite.com](http://www.nutrite.com)

560 Chemin Rhéaume  
St-Michel, Qc  
Canada J0L 2J0  
Toll Free: 1-800-363-1330



# 33-0-9

## 40% DefeNd™ + 25% Nutryon-S™

### Directions For Use

- Read the entire label before use.
- Apply only as directed during the growing season.
- Apply only to dry foliage.
- Irrigating after application will accelerate initial green-up.
- Nutrite encourages responsible use of our products. Help do your part in protecting our rivers and lakes by following label directives and cleaning driveways and walkways after application. Do not apply near water storm drains or drainage ditches, if heavy rain is expected or frozen ground.

### Application Rates

Application Rate		Area Covered	Bags per ha (acre)	Nutrients supplied		
kg/100 m <sup>2</sup> (lbs/1000 ft <sup>2</sup> )	kg/ha (lb/acre)	m <sup>2</sup> (ft <sup>2</sup> )		kg/100 m <sup>2</sup> (lb/1000 ft <sup>2</sup> )		
				N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
<b>1.5</b> <b>(3.0)</b>	148 (132)	1690 (18,190)	5.9 (2.4)	<b>0.50</b> <b>(1.00)</b>	-	0.13 (0.27)

### Suggested Spreader Settings

To provide proper distribution, calibrate spreader before application.

Rotary Spreader	Ground Speed km/h (mph)	Width of Coverage m (ft)	1.5kg/100m <sup>2</sup> 3.0 lb/M Rate
Accupro 2000	5 (3)	3.6 (12)	H ½
Scotts R-8A	5 (3)	3.6 (12)	I
Lesco (Lettre / Numérique)	5 (3)	3.6 (12)	D ½ / 11
Earthway Rotary	5 (3)	3.6 (12)	13
Cyclone / Spyker	5 (3)	3.6 (12)	4
Prizelawn BF-1 / CBR III	5 (3)	3.6 (12)	I
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm)	7.5 (4.5)	12.2 (40)	4.75
Vicon (03 Series - Standard Spout)	7.5 (4.5)	12.2 (40)	18

Note: All calibration starting points given above are for wheel-to-wheel coverage (100% overlap). The spreader settings should only be used for calibration starting points as age, wear and speed of spreader will impact actual applied rate.

### Precautions

- KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin and eyes. Always wear proper personal protective equipment. Long sleeve shirts, long pants, goggles and rubber gloves are recommended when handling the fertilizer. Wash thoroughly after handling.
- Observe all precautions on the label and read the material safety data sheet before use. Avoid contaminating waterways and sewers during cleaning of equipment or disposal of wastes, always adhering to applicable provisions of federal, provincial, and local laws and regulations.
- FIRST AID: In case of contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Wash clothing before reuse. In case of contact with eyes, flush eyes with plenty of water and call a physician if symptoms occur. INGESTION: If swallowed, drink 1 or 2 glasses of water. Immediately call a physician or a Poison Control Center and follow their instructions. Do not induce vomiting or give anything by mouth to an unconscious person.

### Storage and Use

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

### Notice to Buyer

#### CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY:

Buyer assumes all responsibility for safety and use not in accordance with directions. It is impossible to eliminate all risks inherently associated with the use of the product. Plant injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond seller's control. In no case shall the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

Nutryon-S® and Defend the registered trademark of Nutrite.  
Rev 2101

### Manufactured in Canada By:

Nutrite  
560 Rhéaume  
St-Michel, Québec  
Canada, J0L 2J0