



# 16-2-12 N-Fusion™

**65% UMAXX® 25% Isodure™ SOP**

Homogeneous professional turf fertilizer for greens and tees.

Micro greens grade (SGN 100)

## Product Features

- N-Fusion™ homogeneous micro-particle fertilizer provides uniform coverage.
- N-Fusion™ is an innovative technology of rapidly dissolving granules that minimizes mower pick-up with a light irrigation. Highly visible white granules allow for ease of application.
- 65% of the nitrogen is from UMAXX® stabilized nitrogen. UMAXX® contains two inhibitors that reduce nitrogen loss to ammonia volatilization and reduce nitrogen loss to nitrate leaching.
- 25% of the nitrogen is derived from Isodure™ isobutylidene diurea slow release fertilizer.

## Turf Benefits

- Urease inhibitor in combination with the nitrification inhibitor in UMAXX® urea significantly increases nitrogen absorption by turfgrass to provide uniform growth, deep root mass and consistent color intensity over 12 to 16 weeks.
- Isodure is a premium quality slow release nitrogen source. It delivers high levels of efficient, available water insoluble nitrogen (WIN). Benefits include reduced nitrogen loss, reduced thatch build-up and a reduction in surge growth all season long.
- Isodure nitrogen is released through hydrolysis which means it performs consistently regardless of soil temperature. Isodure nutrient release is in line with nutrient demand and turfgrass growth.

## Product Characteristics

<b>Product Code:</b>	C16212ISO50LB
<b>Product Type:</b>	Homogeneous Greens and Tees Fertilizer
<b>Particle Size:</b>	SGN 100
<b>Net Weight:</b>	22.68 kg
<b>Bulk Density:</b>	784 kg/m <sup>3</sup> (49 lb/ft <sup>3</sup> )
<b>Coverage:</b>	20,000 ft <sup>2</sup> @ 2.5 lb/M 13,160 ft <sup>2</sup> @ 3.8 lb/M

## Guaranteed Minimum Analysis %

		%
Total Nitrogen	(N)	16.0
11.6% Urea Nitrogen*		
0.4% Ammoniacal Nitrogen		
3.6% Water Insoluble Nitrogen (WIN)**		
0.4% Other Water Soluble Nitrogen**		
Available Phosphoric Acid	(P <sub>2</sub> O <sub>5</sub> )	2.0
Soluble Potash	(K <sub>2</sub> O)	12.0
Calcium	(Ca)	2.0
Magnesium	(Mg)	1.0
Sulphur	(S)	4.0
Manganese	(Mn) (actual)	0.5

Derived from: Urea, Isobutylidene diurea, Ammonium phosphate, Potassium sulphate, Dolomitic Lime, Manganese sulphate.

\* 10.4 % Stabilized Nitrogen from dicyandiamide, N-(n-butyl)-thiophosphoric triamide.

\*\* 4.0% Slowly available nitrogen from Isobutylidene diurea.



For more information, contact Nutrite at:

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## 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 and will aid in the downward movement of granules into the turf canopy.
- 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 (ft <sup>2</sup> )	Bags per acre	Nutrients supplied (lb/1000 ft <sup>2</sup> )		
kg/100 m <sup>2</sup> (lb/1000 pi <sup>2</sup> )	kg/ha (lb/acre)	m <sup>2</sup> (pi <sup>2</sup> )		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
<b>1.2</b> <b>(2.5)</b>	122 (109)	1,890 (20,000)	5.4 (2.2)	<b>0.20</b> <b>(0.40)</b>	0.02 (0.05)	<b>0.15</b> <b>(0.30)</b>
<b>1.8</b> <b>(3.8)</b>	183 (163)	1,260 (13,160)	8.1 (3.3)	<b>0.29</b> <b>(0.60)</b>	0.04 (0.08)	<b>0.22</b> <b>(0.45)</b>

## Suggested Spreader Settings

To provide proper distribution, calibrate spreader before application.

Rotary Spreader	Ground Speed km/h (mph)	Width of Coverage m (ft)	1.2 kg/100 m <sup>2</sup> 2.5 lb/M	1.8 kg/100m <sup>2</sup> 3.8 lb/M
Accupro 2000	5 (3)	2.4 (8)	F ½	G ½
Scotts R-8A	5 (3)	2.4 (8)	G	H
Lesco (Letter / Numeric)	5 (3)	2.4 (8)	C / 8	C ½ / 9
Earthway Rotary	5 (3)	2.4 (8)	9	10
Cyclone / Spyker	5 (3)	2.4 (8)	3.5	3.75
Prizelawn BF-1 / CBR III	5 (3)	2.4 (8)	F	G

Note: All of 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.

## Notice

- CAUTIONS: This fertilizer contains manganese and should be used only as recommended. It may prove harmful when misused.

## 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.

UMAXX® is a registered trademark of Koch Fertilizer, LLC.

N-Fusion™ and Isodure™ are trademark of Nutrite  
Rev1406

### Manufactured in Canada by:

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