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Mini
SGN 145

High-N with 40%UFLEXX® - 25% ES-MU™ & 15% AS

PRODUCT DESCRIPTIONS

- 40% of the nitrogen is derived from **UFLEXX®** stabilized nitrogen, 25% from **ES-MU™** methylene urea.
- Maintenance fertilizer with a 2:1 nitrogen-to-potash ratio which utilizes five different sources of nitrogen to ensure gradual release over time.
- 15% of the nitrogen is in a quick-release form from ammonium sulphate, which promotes quick green-up and recovery in the spring.

PRODUCT BENEFITS

- **UFLEXX®** improves nitrogen efficiency, reduces nitrogen loss due to volatilization, leaching and denitrification. The result is an excellent nitrogen source with improved nitrogen efficiency, and an extended response of up to 6 - 8 weeks.
- **ES-MU™** methylene urea slow-release nitrogen is a trusted technology that provides gradual and consistent release. Exceptional 12-16 week longevity allows for effective feeding all season long.
- The nitrogen from ammonium sulphate is one of the most responsive when soil temperatures are low.
- Ammonium sulphate and manganese have been proven to be effective in preventing patches diseases, including Summer Patch and Take-All Patch.

PRODUCT CHARACTERISTICS

- Product Code:** F246526
Product Type: Professional fertilizer for tees and fairways
Size: Mini (SGN 145)
Net Weight: 25 kg
Density: 961 kg/m³ (60 lb/ft³)
Coverage: 18,370 ft² at 3 lb/1,000 ft²
 13,780 ft² at 4 lb/1,000 ft²

GUARANTEED MINIMUM ANALYSIS

	%
Total Nitrogen (N).....	25.00
15.2% Urea Nitrogen*	
4.2% Ammoniacal Nitrogen	
3.0% Water Insoluble Nitrogen (W.I.N)**	
2.6% Other Water Soluble Nitrogen**	
Available Phosphoric Acid (P ₂ O ₅).....	2.00
Soluble Potash (K ₂ O).....	12.00
Sulphur (S).....	7.78

*10.0% Stabilized nitrogen from DCD (dicyandiamide), N-(n-butyl)-thiophosphoric triamide.

** 5.6% Slowly available nitrogen from methylene urea polymers.

INGREDIENTS

Urea, Methylene urea, Ammonium sulphate, Ammonium phosphate, Potassium sulfate.



Ontario and Western Canada : 1-877-785-1098 Quebec and Maritimes : 1-800-363-9436

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APPLICATION RATES

Bag kg (lb)	Application Rate kg/100 m ² (lb/1,000 ft ²)	Application Rate kg/ha (lb/acre)	Nutrients supplied kg/100 m ² (lb/1,000 ft ²)			Area Covered m ² (ft ²)	Bags required per hectare (acre)
			N	P ₂ O ₅	K ₂ O		
25 (55.1)	1.5 (3)	146 (131)	0.37 (0.75)	0.03 (0.06)	0.18 (0.36)	1,710 (18,370)	5.9 (2.4)
	2.0 (4)	195 (174)	0.49 (1.00)	0.04 (0.08)	0.23 (0.48)	1,280 (13,780)	7.8 (3.2)

DIRECTIONS FOR USE

- Read the entire label before use. Apply only as directed.
- Apply only to dry foliage.
- **IMPORTANT:** It is recommended to apply fertilizers in the early morning. Water in after application, especially during periods of high temperatures (28°C or above). Avoid applying fertilizer to drought-stressed turf. If turf is under drought stress, water before fertilizer application.
- Watering in after application will accelerate initial green-up and will aid in the movement of fertilizer granules into the turf canopy.



Net Weight

25 kg

SUGGESTED SPREADER SETTINGS

To provide proper distribution, calibrate spreader before application.

Rotary Spreader	Ground Speed km/h (mph)	Width of Coverage m (ft)	Rate 1.5 kg/100 m ² (3.0 lb/1000 ft ²)	Rate 2.0 kg/100 m ² (4.0 lb/1000 ft ²)
Scotts R-8A	5 (3)	3 (10)	I	J
Accupro 2000	5 (3)	3 (10)	H ½	I ½
Prizelawn BF-1 / CBR III	5 (3)	3 (10)	H	I
Earthway Rotary	5 (3)	3 (10)	11	12
Lesco (Letter / Numeric)	5 (3)	3 (10)	D / 10	D ½ / 11
Cyclone / Spyker	5 (3)	3 (10)	4	4.25
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm)	7 (4.5)	12 (40)	4	4.5
Vicon (03 Series - Standard Spout)	7 (4.5)	12 (40)	18	21

Note: All calibration starting points given on back 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 shirt, long pants, goggles and natural or butyl gloves recommended when handling the fertilizer. Wash thoroughly after handling.

Observe all precautions on label and read 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.

Note: This fertilizer contains boron, manganese, zinc and copper and should be used only as recommended. Product may be harmful if misused.

* UFLEXX[®] is a trademark of Koch Fertilizer, LLC.

* ES-MU[™] is a trademark of Enviro-Sol.

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