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## 70% ES-MU™

### PRODUCT DESCRIPTIONS

- 70% of the nitrogen is provided by **ES-MU™** methylene urea. Nitrogen release through hydrolysis and the microbial degradation of varying length urea polymer chains ensures consistency and longevity.
- Contains 4% calcium and 2.2% magnesium

### PRODUCT BENEFITS

- **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 role of calcium is to promote cell growth and strengthen cell walls. Calcium makes the plant more tolerant of environmental stresses.
- Magnesium is crucial to healthy plant growth for the formation of chlorophyll and the storage of carbohydrates in the root system.
- The micro-grade prill (SGN 100) provides an even distribution of fertilizer resulting in uniform application and release with minimal mower pick-up.

### PRODUCT CHARACTERISTICS

- Product Code:** C110896
- Product Type:** Granular Fertilizer for Greens and Tees
- Size:** Micro (SGN 100)
- Net Weight:** 20 kg
- Density:** 1,008 kg/m<sup>3</sup> (63 lb/ft<sup>3</sup>)
- Coverage:** 19,840 ft<sup>2</sup> at 2.2 lb/1,000 ft<sup>2</sup>  
13,230 ft<sup>2</sup> at 3.3 lb/1,000 ft<sup>2</sup>

### GUARANTEED MINIMUM ANALYSIS

	%
Total Nitrogen (N).....	18.00
6.0% Water Insoluble Nitrogen (W.I.N)*	
5.4% Other Water Soluble Nitrogen*	
5.5% Urea Nitrogen	
1.1% Ammoniacal Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	5.00
Soluble Potash (K <sub>2</sub> O).....	11.00
Calcium (Ca) .....	4.00
Magnesium (Mg) .....	2.20
Sulphur (S) .....	3.70

\* 11.4% Slowly available nitrogen from methylene urea.

### INGREDIENTS

Methylene urea, Potassium sulphate, Urea, Ammonium phosphate, Calcium carbonate, Magnesium carbonate



## APPLICATION RATES

Bag kg (lb)	Application Rate kg/100 m <sup>2</sup> (lb/1000 ft <sup>2</sup> )	Application Rate kg/ha (lb/acre)	Nutrients supplied kg/100 m <sup>2</sup> (lb/1000 ft <sup>2</sup> )			Area Covered m <sup>2</sup> (ft <sup>2</sup> )	Bags required per hectare (acre)
			N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
20 (44)	1.1 (2.2)	108 (97)	0.20 (0.40)	0.05 (0.11)	0.12 (0.24)	1,840 (19,840)	5.4 (2.2)
	1.6 (3.3)	163 (145)	0.29 (0.60)	0.08 (0.17)	0.18 (0.37)	1,230 (13,230)	8.1 (3.3)

## 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. Irrigate 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, irrigate before fertilizer application.
- Irrigating after application will accelerate initial green-up and will aid in the movement of fertilizer granules into the turf canopy.
- Apply after mowing to prevent particle pick-up by mowing equipment.



## SUGGESTED SPREADER SETTINGS

To provide proper distribution, calibrate spreader before application.

Broadcast Spreader	Ground speed km/h (mph)	Application width m (ft)	Rate 1.1 kg/100 m <sup>2</sup> (2.2 lb/1,000 ft <sup>2</sup> )	Rate 1.6 kg/100 m <sup>2</sup> (3.3 lb/1,000 ft <sup>2</sup> )
Accupro 2000	5 (3)	2.5 (8)	F ½	G ½
Scotts R-8A	5 (3)	2.5 (8)	G	H
Prizelawn BF-1 / CBR III	5 (3)	2.5 (8)	F	G
Earthway Rotary	5 (3)	2.5 (8)	9	10
Lesco (Letter / Number)	5 (3)	2.5 (8)	C / 8	C ½ / 9
Cyclone / Spyker	5 (3)	2.5 (8)	3.5	3.75

*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.** Harmful if swallowed. Do not inhale. Fertilizer may cause irritation of eyes, nose, throat and skin. In case of contact with eyes, flush with plenty of water; seek medical attention. ES-MU is a trademark of Enviro-Sol

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