

5

3

6

Ca

Mg

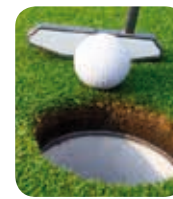
S

Cu

Fe

Mn

Zn



# Micro-Cal

## PRODUCT DESCRIPTIONS

- Formulated to avoid deficiencies of secondary elements, which are required for optimum plant growth.
- Contains a balanced mixture of boron, copper, iron, manganese and zinc to prevent deficiencies.
- Contains 9% calcium and 5% magnesium.
- Formulated with **Solu-Cal S™** which contains **CARBOXY™** organic acid.
- 76% 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.

## PRODUCT BENEFITS

- As demonstrated by many soil tests, plant uptake of micronutrients is often underestimated in a fertility program.
- This fertilizer contains all the essential nutrients for turfgrass and should be part of a fertility program to fill gaps in secondary and minor elements or during periods of summer heat stress.
- The carboxylic acids (**CARBOXY™**) contained in this fertilizer promote root development and increase the plant's ability to absorb nutrients in the soil, even less mobile elements such as calcium.
- **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.

## PRODUCT CHARACTERISTICS

- Product Code:** C110098
- Product Type:** Granular Fertilizer for Greens
- Size:** Micro (SGN 100)
- Net Weight:** 20 kg
- Density:** 951 kg/m<sup>3</sup> (59 lb/ft<sup>3</sup>)
- Coverage:** 8,820 ft<sup>2</sup> at 5 lb/1,000 ft<sup>2</sup>  
7,350 ft<sup>2</sup> at 6 lb/1,000 ft<sup>2</sup>

## GUARANTEED MINIMUM ANALYSIS

	%
Total Nitrogen (N).....	5.00
2.4% Water Insoluble Nitrogen (W.I.N)*	
1.7% Other Water Soluble Nitrogen*	
0.4% Urea Nitrogen	
0.5% Ammonical Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	3.00
Soluble Potash (K <sub>2</sub> O).....	6.00
Calcium (Ca) .....	9.00
Magnesium (Mg) .....	4.00
Sulphur (S).....	2.50
Copper (Cu) (actual) .....	0.15
Iron (Fe) (actual) .....	6.00
Manganese (Mn) (actual) .....	1.20
Zinc (Zn) (actual).....	0.36

\* 4.1% Slowly available nitrogen from methylene urea and composted turkey litter.

## INGREDIENTS

Composted turkey litter, Methylene urea, Ammonium phosphate, Potassium sulphate, Calcium carbonate, Magnesium sucrate, Copper sucrate, Iron sucrate, Magnesium sucrate, Zinc sucrate, Natural chelating agent: **CARBOXY™** organic acid.



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

[www.envirosol.ca](http://www.envirosol.ca)



## 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)	2.4 (5.0)	244 (218)	0.12 (0.25)	0.07 (0.15)	0.15 (0.30)	820 (8,820)	12.2 (4.9)
	2.9 (6.0)	293 (261)	0.15 (0.30)	0.09 (0.18)	0.18 (0.36)	680 (7,350)	14.6 (5.9)

## 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.



Net Weight

20 kg

## SUGGESTED SPREADER SETTINGS

To provide proper distribution, calibrate spreader before application.

Broadcast Spreader	Ground speed km/h (mph)	Application width m (ft)	Rate 2.4 kg/100 m <sup>2</sup> (5.0 lb/1000 ft <sup>2</sup> )	Rate 2.9 kg/100 m <sup>2</sup> (6.0 lb/1000 ft <sup>2</sup> )
Accupro 2000	5 (3)	2.5 (8)	H	H ½
Scotts R-8A	5 (3)	2.5 (8)	H ½	I
Prizelawn BF-1 / CBR III	5 (3)	2.5 (8)	H ½	I
Earthway Rotary	5 (3)	2.5 (8)	10	11
Lesco (Letter / Number)	5 (3)	2.5 (8)	D / 10	D ½ / 11
Cyclone / Spyker	5 (3)	2.5 (8)	3.75	4

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. Note: This fertilizer contains boron, manganese, zinc and copper and should be used only as recommended. Product may be harmful if misused. ES-MU™ and Carboxy™ are trademarks of Enviro-Sol. Rev1405