

# Green-T<sup>®</sup> Synergy Super MK Green 18-3-4

## Micronutrients, Amino Acids Matrix & Carbohydrates (AAMC)



### Guaranteed Analysis

|  |        |
|--|--------|
| Total Nitrogen (N) .....                                   | 18.00% |
| 2.25% Ammoniacal Nitrogen                                  |        |
| 2.25% Nitrate Nitrogen                                     |        |
| 13.50% Urea Nitrogen                                       |        |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) ..... | 3.00%  |
| Soluble Potash (K <sub>2</sub> O) .....                    | 4.00%  |
| Copper (Cu) .....  | .05%   |
| .05% Chelated Copper (Cu)                                  |        |
| Iron (Fe) .....  | .25%   |
| .25% Chelated Iron (Fe)                                    |        |
| Manganese (Mn) .....                                       | .06%   |
| .06% Chelated Manganese (Mn)                               |        |
| Zinc (Zn) .....  | .05%   |
| .05% Chelated Zinc (Zn)                                    |        |

Derived from Ammonium Nitrate, Urea, Tech Grade Phosphoric Acid, Potassium Carbonate, Potassium Hydroxide, Copper EDTA Chelate, Iron EDTA Chelate, Manganese EDTA Chelate, Zinc EDTA Chelate

### Non-Plant Food Ingredients

#### Amino Acids Matrix & Carbohydrates

Green-T<sup>®</sup> Super MK Green 18-3-4 is an excellent, high nitrogen fertilizer that contains a micronutrient package. This formula is ideal for foliar fertilization and offers great turf safety when applied as directed. All of the nitrogen is in the quick release form which provides an immediate plant response. The micronutrients are in the EDTA chelated form which enhances their availability while in the soil and allows tank mix compatibility with many other products. It is ideal to tank mix with PolyPhosphite 30<sup>™</sup> and Green-T<sup>®</sup> 12 Iron.

The Amino Acids Matrix & Carbohydrates (AAMC) are an excellent source of L-amino acids. L-amino acids are the building blocks of the plant and are produced by them. Under heat and drought stress, the plant "consumes" these L-amino acids to survive and grow.

When L-amino acids are supplied to the plant, especially just before stressful events, the health and vitality of the turf improve.

- Weight per gallon: 10.6 lbs. (4.81 kg)
- Each gallon contains:
  - 1.90 lb Nitrogen
  - .32 lb Phosphate
  - .42 lb Potassium
- pH: 7.9



**PLANT  
FOOD**  
COMPANY, INC.

The Liquid Fertilizer Experts

#### Directions for Use:

**Greens, Tees and Fine Turf:** Apply 4.0 - 12.0 oz. of Green-T<sup>®</sup> Super MK Green 18-3-4 with 1.5 - 2 gallons of water per 1,000 sq. ft. (1.4 - 4.1 gallons of Green-T<sup>®</sup> Super MK Green 18-3-4 with 66 - 88 gallons of water per Acre) every 7 to 14 days throughout the growing season. This application shall provide 0.06 - 0.18 lb. of actual Nitrogen per 1,000 sq. ft. The most common rate is 4 - 6 oz. per 1,000 sq. ft.

**Fairways, Roughs, Sports Turf and Lawns:** Apply 2.0 - 4.1 gallons of Green-T<sup>®</sup> Super MK Green 18-3-4 with 44 - 88 gallons of water per Acre (6.0 - 12.0 oz. of Green-T<sup>®</sup> Super MK Green 18-3-4 with 1 - 2 gallons of water per 1,000 sq. ft.) every 7 to 21 days throughout the growing season. This application shall provide 0.09 - 0.18 lb. of actual Nitrogen per 1,000 sq. ft.

Green-T<sup>®</sup> 18-3-4 may be applied via fertigation or hose-end proportioners at the calculated rates per 1,000 sq. ft.

For additional performance, tank mix with AdamsEarth<sup>®</sup> Biostimulant.

**Application Precaution:** Avoid applying during periods of extremely hot or dry weather.

#### Application Rates for Green-T<sup>®</sup> Super MK Green 18-3-4

| Fluid Oz/<br>1,000<br>sq. ft. | Gallons/<br>One<br>Acre | ML/<br>100<br>M <sup>2</sup> | L/HA<br>Litre/<br>Hectare | Nitrogen/<br>1,000<br>sq. ft. | Phosphate/<br>1,000<br>sq. ft. | Potassium/<br>1,000<br>sq. ft. | Copper/<br>1,000<br>sq. ft. | Iron/<br>1,000<br>sq. ft. | Manganese/<br>1,000<br>sq. ft. | Zinc/<br>1,000<br>sq. ft. |
|-------------------------------|-------------------------|------------------------------|---------------------------|-------------------------------|--------------------------------|--------------------------------|-----------------------------|---------------------------|--------------------------------|---------------------------|
| 4.0                           | 1.4                     | 127                          | 13                        | 0.06                          | 0.01                           | 0.01                           | 0.0013                      | 0.0007                    | 0.0002                         | 0.0001                    |
| 6.0                           | 2.0                     | 191                          | 20                        | 0.09                          | 0.01                           | 0.02                           | 0.0019                      | 0.0011                    | 0.0003                         | 0.0002                    |
| 8.0                           | 2.7                     | 255                          | 25                        | 0.12                          | 0.02                           | 0.03                           | 0.0026                      | 0.0015                    | 0.0004                         | 0.0002                    |
| 12.0                          | 4.1                     | 382                          | 40                        | 0.18                          | 0.02                           | 0.04                           | 0.0038                      | 0.0022                    | 0.0006                         | 0.0004                    |

#### Available Container Sizes:

|             |                   |
|-------------|-------------------|
| 2 x 2.5 gal | (2 x 9.46 L) Case |
| 30 gal      | (113.56 L) Drum   |
| 55 gal      | (208.20 L) Drum   |
| 275 gal     | (1040.99 L) Tote  |

Store above 32° F. Do not allow to freeze.

1834

38 Hightstown-Cranbury Station Road ■ Cranbury, NJ 08512 ■ 800.562.1291 ■ pfc@plantfoodco.com ■ www.plantfoodco.com