



## Guaranteed Analysis

Total Nitrogen (N).....	12.00%
6.0% Urea Nitrogen	
6.0% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	3.00%
Soluble Potash (K <sub>2</sub> O).....	12.00%
Sulfur (S).....	1.50%
Boron (B).....	.05%
Copper (Cu).....	.05%
.05% Chelated Copper (Cu)	
Iron (Fe).....	.10%
.10% Chelated Iron (Fe)	
Manganese (Mn).....	.05%
.05% Chelated Manganese (Mn)	
Zinc (Zn).....	.05%
.05% Chelated Zinc (Zn)	

Derived from Urea CAS#57-13-6, Urea Triazone Solution CAS#7098-14-8, Tech Grade Phosphoric Acid CAS#7664-38-2, Potassium Carbonate CAS #584-08-7, Potassium Thiosulfate #10294-66-3, Boric Acid, Copper EDTA Chelate, Iron EDTA Chelate, Manganese EDTA Chelate, Zinc EDTA Chelate

\*Slowly Available Nitrogen from Urea-Triazone Solution

## Non-Plant Food Ingredients

### Amino Acid Matrix and Carbohydrates

**Green-T<sup>®</sup> Synergy 12-3-12, 50% SRN** is an excellent balanced nitrogen to potassium ratio fertilizer that contains a full micronutrient package. This formula is ideal for foliar and root fertilization. 50% of the available nitrogen is slow release from Triazone, while the remaining nitrogen is in the quick release form. **Green-T<sup>®</sup> Synergy 12-3-12, 50% SRN** provides immediate plant response while the Triazone slow release nitrogen maintains the nitrogen release for an extended period of time. The micronutrients are in the EDTA chelate form which enhances their availability and allows tank mix compatibility with many other products. The addition of the Vitamin and Amino Acid Matrix (VAM), along with the carbohydrates aids in promoting a healthier turf plant.

- Weight per gallon: 10.7 lbs. (4.85 kg)
- Each gallon contains:
  - 1.28 lb. Nitrogen
  - .32 lb. Phosphorous
  - 1.28 lb. Potassium
- pH: 10.9



**PLANT  
FOOD  
COMPANY, INC.**

*The Liquid Fertilizer Experts*

# 12-3-12, 50% SRN Sulfur, Micronutrients, Amino Acid Matrix & Carbohydrates

### Directions for Use:

**Greens, Tees and Fine Turf:** Apply 11 - 26 oz. of **Green-T<sup>®</sup> Synergy 12-3-12, 50% SRN** per 1,000 sq. ft. (3.7 - 9.0 gallons per Acre) every 14 days. **Green-T<sup>®</sup> Synergy 12-3-12, 50% SRN** can be used in place of granular and soluble materials, providing a steady, even supply of nutrients.

**Fairways, Roughs, Sports Turf and Lawns:** Apply 4.1 - 17.0 gallons of **Green-T<sup>®</sup> Synergy 12-3-12, 50% SRN** per Acre (12 - 50 oz. per 1,000 sq. ft.) liquid fertilizer throughout the growing season on warm, transitional and cool season grasses. Application can begin in early Spring and continue through late Fall at a rate of 16 - 50 oz. (.165 - .50 Nitrogen) per 1,000 sq. ft. every 10 days to 4 week intervals, or as needed. Dilute with water according to desired Nitrogen rate per 1,000 sq. ft.

### Application Rates for Green-T<sup>®</sup> Synergy 12-3-12, 50% SRN

Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 1,000 sq. ft.	Nitrogen/ 1,000 sq. ft.	Phosphate/ 1,000 sq. ft.	Potassium/ 1,000 sq. ft.	Sulfur/ 1,000 sq. ft.	Boron/ 1,000 sq. ft.	Copper/ 1,000 sq. ft.	Iron/ 1,000 sq. ft.	Manganese/ 1,000 sq. ft.	Zinc/ 1,000 sq. ft.	Humic & Fulvic Acid/ 1,000 sq. ft.	Carbohydrates/ 1,000 sq. ft.
10 oz.	3.4 Gal	296 ML	0.10	0.03	0.10	0.0125	0.0004	0.0004	0.0008	0.0004	0.0004	0.0042	0.0042
11 oz.	3.7 Gal	325 ML	0.11	0.03	0.11	0.0138	0.0005	0.0005	0.0009	0.0005	0.0005	0.0046	0.0046
12 oz.	4.1 Gal	355 ML	0.12	0.03	0.12	0.0150	0.0005	0.0005	0.0010	0.0005	0.0005	0.0050	0.0050
16 oz.	5.4 Gal	473 ML	0.16	0.04	0.16	0.0201	0.0007	0.0007	0.0013	0.0007	0.0007	0.0067	0.0067
21 oz.	7.1 Gal	621 ML	0.21	0.05	0.21	0.0263	0.0009	0.0009	0.0018	0.0009	0.0009	0.0088	0.0088

### Tank Mixing Information:

Prior to any fertilizer or pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least 3/4 full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

- 1) Dry flowables or water dispersible granules, 2) Wettable powders, 3) Flowables,
- 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents,
- 7) Micronutrients and Fertilizers, 8) Spray adjuvants

Before mixing multiple chemicals and/or fertilizers in the tank, confirm product compatibility by performing a jar test. Be sure to mix with plenty of water.

### Caution:

Keep away from children and domestic animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

### Storage and Handling:

Store in a cool, dry place. Keep container tightly closed. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

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

### 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

12312A