



# Greens Plus<sup>TM</sup> 14-4-10

Greens Plus (14-4-10) is balanced nutrient blend with N, P and K in the same ratio as they are generally found in plant tissue. It is an excellent high quality balanced product for general turf maintenance on greens, tees and other areas of high quality turf. Nitrogen is supplied in a polymethylene urea blend which provides uniform turf growth and color. Phosphorus is supplied in a patented blend with organic acids which increase the availability and uptake of nutrients. Potassium is supplied as potassium carbonate which is retained longer in the soil. Greens Plus is formulated for foliar application because of its low burn potential (even at high rates), and can be applied in substantially lower volumes of water because of its extremely low phytotoxicity. It is also compatible with most herbicides and pesticides.

### Benefits of Use

- N-P-K in same ratio as turf tissue
- Low burn potential
- **65%** Slow release nitrogen for more consistent growth and color
- Enhanced nutrient uptake and tissue nutrient levels from humic acid
- Minimum growth surges and declines
- Less caustic source of potassium
- Potassium and phosphorus remain plant available longer in soil
- Enhances stress tolerance

### Problem Conditions Improved

- Low nitrogen and/or potassium levels in leached or sandy soils
- Inconsistent nitrogen response on sandy soils
- Growth surges after heavier nitrogen applications
- Low vigor turf susceptible to mid-summer stresses
- Stunted growth with necrotic leaf tips resulting from potassium deficiency
- Phosphorus deficiency symptoms including reddish-purple color and reduction in vigor

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	14.00%
1.14% Ammoniacal Nitrogen	
0.06% Nitrate Nitrogen	
3.66% Urea Nitrogen	
9.14% Water Soluble Organic Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	4.00%
Soluble Potash (K <sub>2</sub> O).....	10.00%
Zinc (Zn) .....	0.038%

**Derived From:** Urea, Polymethylene Ureas, Monomethylol Urea, Methylene Diurea, Urea Ammonium Nitrate, Anhydrous Ammonia, Phosphoric Acid, Potassium Carbonate, Zinc Sulfate.  
\*8.90% Slowly Available Nitrogen from Polymethylene Ureas, Monomethylol Urea, Methylene Diurea

**Application Instructions:** One gallon (3.79 L) of Greens Plus 14-4-10 contains 1.5 lbs. (0.68 kg) of Nitrogen, 0.43 lb. (1.2 kg) of Phosphate, and 1.08 lbs. (0.49 kg) of Potash.

**Physical Characteristics:** 10.8 lbs./gal., pH 9.0

Desired lbs. of N	Fl. oz. per 1000 s.f.*	Gallons per Acre**
<b>0.10</b>	<b>8.5</b>	<b>2.9</b>
<b>0.125</b>	<b>10.6</b>	<b>3.6</b>
<b>0.25</b>	<b>21.3</b>	<b>7.2</b>

\*Apply in 2.5-5 gal. water per 1000 s.f. \*\*Apply in 50-100 gal. water

Container Sizes & Model Numbers		
2.5 gal.	Model	57123
30 gal.	Model	57124
275 gal.	Model	57125

**Spindler Enterprises, Inc.**, P.O. Box 6112, Lakeland, Florida 33807

**(800) 988-8257**

**www.bioprofertilizers.com**



# Basic BioPro Liquid Soil Feeding Program for Turf (Golf Course Greens and Sports Fields)

*The following is a basic turfgrass program and should be used as a guide. Changes may be made to accommodate different turf species and climates.* Monitoring nutrient levels in leaf tissue and soils is critical for designing the most efficient nutrient program. BioPro recommends the use of a diagnostic service that provides soil, tissue, and water analysis. With diagnostic results, this BioPro nutrient program may be modified to correct imbalances and prevent future problems.

Product Name	Lb./Gal	Application Rate		PRIMARY MACRONUTRIENTS lb/ 1000 sq. ft.			SECONDARY MACRONUTRIENTS lb/ 1000 sq. ft.			MICRONUTRIENTS lb/ 1000 sq. ft.			
		0z/1000	Gal/ Ac	N	P2O5	K2O	Ca	Mg	S	Fe	Mn	Zn	Si
MultiPurpose	8.9	6	2.0	0.0250						0.0004	0.0002	0.0002	
Greens Plus 14-4-10	10.8	5	1.7	0.0591	0.0169	0.0422						0.0002	
Spectrum 8-0-0	10.1	3	1.0	0.0189				0.0036	0.0047	0.0071	0.0024		
Tuff Greens 0-0-13	10.4	3	1.0			0.0317	0.0015			0.0012			0.0007
Total Nutrients Applied Per Application				0.1030	0.0169	0.0739	0.0015	0.0036	0.0047	0.0087	0.0026	0.0004	0.0007
Number of Applications Per Season				6	6	6	6	6	6	6	6	6	6
Total Nutrients Applied Per Season				0.6182	0.1013	0.4433	0.0088	0.0213	0.0284	0.0524	0.0155	0.0022	0.0044

Program is designed for application every 14 days in 2 to 5 gallons of water per 1,000 square feet.

## Brief Product Descriptions

**Multi-Purpose 6-0-0** (Liquid Organic Soil Conditioner) is a unique mixture of organic acids and biostimulants derived from sea plants. It is designed to increase nutrient availability to the plant, stimulate soil microbial activity, increase root mass, and improve overall turf quality.

**Greens Plus 14-4-10** (Liquid NPK Nutrient Blend) is a balanced nutrient blend with nitrogen, phosphorous, and potassium in the same ratio as they are generally found in plant tissue. Nitrogen is supplied as a polymethylene urea blend to provide uniform turf growth and color. This product contains 9.14% controlled release nitrogen, and organic acids from leonardite, which may enhance nutrient uptake.

**Spectrum 8-0-0** (Liquid Secondary and Micro Nutrient Blend) is a blend of secondary and micro nutrients chelated with a combination of citric and fulvic organic acids. Citrates are the natural chelating compounds found in plant tissue giving them very low phytotoxicity. Spectrum is designed as a foliar spray to enhance color, and to correct or prevent a range of micronutrient deficiencies.

**Tuff Greens (0-0-13)** is a superior potassium source with calcium, silica, and iron that increases leaf stiffness for increased wear tolerance and greens speed.