

# GRO-POWER® PREMIUM GREEN® 5-3-1

70% Humus ■ 15% Humic Acids ■ 1% Soil Penetrant ■ 1% Iron with Micronutrients

**Gro-Power® Premium Green® 5-3-1** is a unique multi-purpose homogeneous fertilizer/soil conditioner. This product, using Gro-Power®'s new advance Matrix® technology has been developed for greens, tees, bowling greens, sport fields and any other areas where fine-bladed Bent and Hybrid Bermuda, Zoysia, St. Augustine and other turf varieties are utilized. The particle size will ensure even distribution, rapid penetration into the root zone and minimum mower pick-up.

Phosphorus was added to insure sufficient amounts for deep healthy roots. The potassium will help provide increased disease resistance, summer durability and winter hardiness. A high analysis long lasting non-staining iron, has been added to help produce dark green color.

The basic material in **Gro-Power® Premium Green® 5-3-1**, as in all the Gro-Power® products, is humus. Humus promotes bacterial propagation which tends to improve soil structure, helps to increase the moisture-holding capacity and helps in breaking up compacted soils. This product contains the highest amount of humus (70%) compared to other Premium Green® products. Gro-Power® Premium Green® 5-3-1 also includes humic acids. Humic Acids tend to act upon the soil to condition it and help produce an environment in which the plant can achieve maximum results.

NO CHLORIDES • NO SEWAGE OR SLUDGE • NO ANIMAL OR POULTRY MANURE

**WILL NEVER LAYER OR BUILD UP IN SOIL OR GREENS MIX**

## RECOMMENDED APPLICATION RATES:

Apply every 2 to 4 weeks.	Amount of Nitrogen desired	Amount of product to apply per 1,000 sq. ft.	Amount of product to apply per Acre
<b>LIGHT</b>	¼ to ½ lb.	5 - 10 lbs.	217 - 436 lbs
<b>NORMAL</b>	½ to ¾ lb.	10 - 15 lbs.	436 - 653 lbs.
<b>HEAVY</b>	1 lb.	20 lbs.	871 lbs.

If applying at heavy rate, apply every 4 to 8 weeks, depending on usage and maintenance level desired.

### **WATER THOROUGHLY AFTER APPLYING FERTILIZER**

At heavier application rates, watering in is more important

### **CAUTION**

Do not over apply. Apply only to dry turf or foliage, then irrigate. Use discretion to establish an accurate spreader setting.

### **NEW CONSTRUCTION / RENOVATION:**

(Incorporation Rates)

Use Gro-Power® 5-3-1 (standard grade)\* at 200 lbs. per 1,000 sq. ft. or 20 lbs. per cubic yard, or 8-8-8/MU at 100 lbs. per 1,000 sq. ft. or 8 lbs. per cubic yard of mix for green/sand based fields.

\*See Gro-Power® 5-3-1 in our General Landscape & Horticultural Catalogue

## **GRO-POWER® PREMIUM GREEN® 5-3-1**

### **GUARANTEED ANALYSIS:**

Total Nitrogen (N).....	5.00%
1.00% Ammoniacal Nitrogen	
4.00% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	3.00%
Soluble Potash (K <sub>2</sub> O).....	1.00%
Magnesium (Mg).....	0.50%
Iron (Fe).....	1.00%
Manganese (Mn).....	0.05%
Zinc (Zn).....	0.05%

Derived from ammonium phosphate, ureas, potassium sulphate, compost and iron oxide, manganese oxide, zinc oxide, and magnesium oxide.

### **ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:**

15.00% Humic Acids (derived from compost)  
1.00% Alkyl Naphthalene Sodium Sulfonate (Soil Penetrant)

### **Grade Available:**

Greens Grade -14 +35 (100 SGN)

### **Packaged:**

50# bags – 40 bags per pallet  
2,000# Mini-Bulk Bags

Sole Manufacturer  
**GRO-POWER®, INC.**

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**PRODUCT U.S.A.**

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Rev. 6/06