



# 9-45-15

## Turf Starter Plus

### PRODUCT DESCRIPTION:

Ideal for hydroseeding, overseeding, and new sod installations. Provides extra water soluble phosphorous to help stimulate root development. Excellent whenever soil tests indicate the need for extra phosphate. Includes full micro-nutrient package.

### GUARANTEED ANALYSIS:

|  |       |
|--|-------|
| Total Nitrogen (N) .....                                   | 9%    |
| 7.0% Ammoniacal Nitrogen                                   |       |
| 2.0% Nitrate Nitrogen                                      |       |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) ..... | 45%   |
| Soluble Potash (K <sub>2</sub> O) .....                    | 15%   |
| Boron (B) .....  | 0.01% |
| Copper (Cu).....   | 0.01% |
| 0.01% Chelated Copper (Cu)                                 |       |
| Iron (Fe) .....  | 0.20% |
| 0.20% Chelated Iron (Fe)                                   |       |
| Manganese (Mn) .....                                       | 0.06% |
| 0.06% Chelated Manganese (Mn)                              |       |
| Molybdenum (Mo) .....                                      | 0.01% |
| Zinc (Zn) .....  | 0.02% |
| 0.02% Chelated Zinc (Zn)                                   |       |

### DERIVED FROM:

Potassium Nitrate, Ammonium Phosphate, Mono Potassium Phosphate, Iron EDDHA, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate. F1367

**POTENTIAL ACIDITY:** 690 lbs calcium carbonate equivalent per ton.

**SOLUBILITY (max.):** 2.0 lbs per gallon in cold water. Hot water and agitation improve solubility.

### USE SUGGESTIONS:

PrimeraOne Water Soluble Fertilizers are concentrated dry fertilizers which must be dissolved in water to prepare for application. Once in solution it is immediately available to the turfgrass. PrimeraOne Water Soluble Fertilizers obtain best results with a Pulse Feeding program which is comprised of measured and frequent applications (or pulses) which will promote uniform and consistent growth by providing optimum nutrition over the growing season.

**IMPORTANT:** Phosphorus may accumulate in soils and phosphorus application should be based on soil test. Excessive phosphorus can tie up some micronutrients in soil and make them less available to turfgrass.

Newly Seeded Turf - Apply 1 lb of 9-45-15 per 1000 square feet every week to ten days until new seeds are established.

### Sprayer Application:

- Sprayer application is normally 1 pound of product in 5 to 20 gallons of water.
- Concentrated Sprayer Solution: This formula may be applied in a concentrated solution of 1 pound of product to 2 or 3 gallons of water, with thorough irrigation immediately after application to rinse off leaf surface. Fertilizer burn and turf damage may occur if concentrated fertilizer solutions are left on the leaf surface too long.
- Fertigation is the injection of a fertilizer solution through the irrigation system which will provide nutrients during the irrigation cycle. Use two pounds of product per gallon of stock solution. The recommended feeding rate is 200 to 400 PPM Phosphate (P<sub>2</sub>O<sub>5</sub>), depending on desired response. Adjust PPM levels accordingly.

Hydroseeding – Mix in hydroseeder with seed and mulch and apply when seeding conditions are favorable for seed germination. One 25# bag should be dissolved in enough water to cover 22,500 square feet. This rate will provide 1/2# of Phosphate (P<sub>2</sub>O<sub>5</sub>) per 1000 sq. ft. of covered area. Apply immediately and use the entire tankful at one time to avoid clogging of equipment.

Soil Testing: A complete soil analysis will indicate any potential problem areas such as pH, or a deficiency or excess of specific nutrients. PrimeraOne Water Soluble Fertilizers are formulated to cover a broad range of soil conditions and the nutritional needs of most commonly used turfgrasses. However, abnormal soil conditions often need corrective action such as liming, etc. to insure maximum benefit from the fertilizer program.

Compatibility: Do not combine this material with fertilizers containing calcium or magnesium in spray tank as precipitation and clogging may occur. When using with other products such as herbicides and pesticides in same tank always perform a "jar" test in advance of making tank mix by making a small batch of materials to be used in a small clear container and observe for formation of any material that could clog screens or spray nozzles.

MANUFACTURED FOR:

PrimeraTurf Inc.  
3677 Guildhall Trail  
Marietta, GA 30066  
Phone: 770-675-3382

**Net Weight: 25 lbs (11.35 kg)**