



12-4-6

Bio Based Fertilizer

12-4-6 Bio Based Fertilizer is a source of balanced nutrition derived from natural sources. *Combination of sea plant extract, fulvic acids amino acids and secondary nutrients* allows 12-4-6 to be an excellent source of elemental nutrition and biostimulant supplementation. 12-4-6 gives prompt color response, promotes root growth, and speeds recovery of damaged turf.

12-4-6 Bio-Based Fertilizer is a blend of natural and organic of nutrients that improves turf health by offering the following benefits:

- Nutrients are easily absorbed into plant tissue
- Immediate plant response
- Enables turf to hold color for extended periods
- Biostimulants Improve Stress and Wear Tolerance
- Hormones, fulvic acids and amino acids work together to optimize nutrition
- Balanced nutrient combination and biostimulants work to improve photosynthesis

GREENS AND TEES:
Cool Season Turf: Apply 3.0 to 6.0 fluid ounces per 1000 sq. ft. every 7 to 14 days
Warm Season Turf: Apply 3.0 to 8.0 fluid ounces per 1000 sq. ft. every 7 to 14 days
FAIRWAYS: Apply 1.0 to 3.0 gallons per acre every 7 to 21 days
SPORTS TURF AND LAWNS: Apply 1.0 to 4.0 gallons per acre every 7 to 28 days

Guaranteed Minimum Analysis

Total Nitrogen (N) 12.0%
 9.0% Water Soluble Organic Nitrogen
 3.0% Water Insoluble Nitrogen
 Available Phosphate (P₂O₅)..... 4.0%
 Soluble Potash (K₂O)..... 6.0%
 Derived from: Urea, Ammonium Phosphate, Potassium Phosphate and Soluble Fish Meal

Non-Plant Food Ingredients

Sea Plant Extract 4.0%
 Fulvic Acid 2.0%
 L-Amino Acids..... 1.25%
 Derived From: Sea plants, humic substances and protein hydrolysates

Micronutrients

Boron (B) 0.02%
 Copper (Cu) 0.05%
 0.05% Chelated Copper
 Iron (Fe) 0.10%
 0.10% Chelated Iron
 Manganese (Mn) 0.05%
 0.05% Chelated Manganese
 Molybdenum (Mo) 0.0005%
 Zinc (Zn) 0.05%
 0.05% Chelated Zinc

Secondary Plant Food Sources: Boric Acid, Copper, Iron, Manganese, Ammonium Molybdenum and Zinc

Weight per Gallon: 10.5 lbs.
N per Gallon: 1.2 lbs.
pH: 6.8

| Rate per 1000 sq. ft. | Lbs. N per 1000 sq. ft. |
|-----------------------|-------------------------|
| 3 fl oz | .028 |
| 4 fl oz | .037 |
| 5 fl oz | .046 |
| 6 fl oz | .056 |
| 8 fl oz | .074 |