



12-4-6

BIO BASED NUTRITION

Balanced nutrition from natural sources for prompt color response, improved root growth, and fast recovery of damaged turf.

GUARANTEED ANALYSIS

Total Nitrogen (N).....	12.0%
9.0% Water Soluble Organic Nitrogen (N)	
3.0% Water Insoluble Nitrogen (N)	
Available Phosphate (P ₂ O ₅)	4.0%
Soluble Potash (K ₂ O)	6.0%
Boron (B)	0.02%
Copper (Cu).....	0.05%
Iron (Fe).....	0.10%
Manganese (Mn).....	0.05%
Zinc (Zn).....	0.05%

Derived from: fish solubles, feathermeal and colloidal phosphates, potassium hydroxide, borax, complex sugars and glucoheptonates of copper, manganese, zinc

NON-PLANT FOOD INGREDIENTS

Sea Plant Extract	4.0%
Fulvic Acid.....	2.0%

Derived from: Ascophyllum nodosum, humic substances

NITROGEN RATES:

3 fl oz = 0.028 lbs N per 1000 sq ft
4 fl oz = 0.037 lbs N per 1000 sq ft
5 fl oz = 0.046 lbs N per 1000 sq ft
6 fl oz = 0.056 lbs N per 1000 sq ft
8 fl oz = 0.074 lbs N per 1000 sq ft

N per gallon: 1.2 lbs
Weight per gallon: 10 lbs
pH: 6.8

12-4-6 Bio Based Nutrition is intended as a supplement to a regular fertilization program and may not by itself provide all the nutrients normally required by plants

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12-4-6 BIO BASED NUTRITION

A combination of sea plant extract, fulvic acids amino acids and secondary nutrients, 12-4-6 is an excellent source of elemental nutrition and carbon supplementation.

12-4-6 Bio-Based Nutrition improves turf health by offering the following benefits:

- Provides immediate, long lasting color and controlled growth.
- Chelated nutrients are easily absorbed into plant tissue.
- Biostimulants improve stress and wear tolerance.
- Plant extracts, fulvic acids and amino acids work together to optimize nutrition.
- Balanced nutrient combination and biostimulants work to improve photosynthesis.

GENERAL USE GUIDE

Greens and Tees	Cool Season Turf: Apply 3.0 to 9.0 fl oz per 1,000 sq ft every 7 to 14 days Warm Season Turf: Apply 3.0 to 12.0 fl oz per 1,000 sq ft every 7 to 14 days
Fairways	Apply 1.0 to 3.0 gal per acre every 14 to 28 days
Sports Turf and Lawns	Apply 1.0 to 4.0 gal per acre every 7 to 28 days
Ornamentals Soil Drench	Add 1.0 to 2.0 fl oz to one gallon of water. Drench into soil root zone.
Ornamentals Foliar Application	Add 2.0 to 4.0 fl oz to one gallon of water. Spray directly onto leaf surfaces.