



VITOL®

Optimal Growth Manager

Guaranteed Analysis 8-16-4

Total Nitrogen (N).....	8.00%
1.10% Ammoniacal Nitrogen	
6.90% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	16.00%
Soluble Potash (K ₂ O).....	4.00%
Sulfur (S).....	1.00%
1.00% Combined (S)	
Iron (Fe).....	0.10%
Manganese (Mn).....	0.05%
Zinc (Zn).....	0.05%

Derived From:

Urea, Phosphoric Acid, Potassium Carbonate, Ammonium Sulfate, Iron Sulfate, Zinc Sulfate, Manganese Sulfate. Chelating agents are Hydroxyethylethylenediaminetriacetate and Ethylenediaminetetraacetate.

Additional Contents:

Micro Carbon Technology®*

Physical Properties:

Form: Liquid

Appearance: Hazy greenish-brown, having a unique characteristic odor

Weight: 10.10 lb/gal, 1.25 kg/L

pH: 1.5–2.5

Caution:

Keep out of reach of children.

Harmful if swallowed. The liquid and mists may be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract.

Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

The Solution for Vigorous, Healthy Turf

Huma Gro® Turf VITOL® carbon-complexed with Micro Carbon Technology® feeds the natural metabolic processes within the plant to increase vertical growth. It also improves recovery from environmental stresses. When soil-applied, VITOL® provides necessary nutrients for root growth.

Benefits of Use:

- Increase foliar growth
- Maintain growth and vigor
- Encourages a deeper root system when soil-applied
- Promotes growth during environmental stress

Notes:

- VITOL® is an excellent carrier for other nutrients.
- VITOL® can be applied to soil as a root stimulator.

Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions: consult your local Huma Gro® Turf representative or other turf specialist for turf-specific recommendations. Do not apply more frequently than every 7 days. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	Rate per 1,000 ft ² , 100 m ²	Rate per Acre, Hectare
Foliar broadcast or fertigated through sprinkler system	Up to 2 oz/1,000 ft ² 70 mL/100 m ²	Up to 2 qt/ac 5 L/ha
Soil applied through drip tape or micro sprinklers	Up to 2 oz/1,000 ft ² 70 mL/100 m ²	Up to 2 qt/ac 5 L/ha
Soil broadcast spray incorporated	Up to 3 oz/1,000 ft ² 105 mL/100 m ²	Up to 1 gal/ac 10 L/ha



Powered by
**MICRO CARBON
TECHNOLOGY**

**This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*