



## Guaranteed Analysis 8-16-4

Total Nitrogen (N) .....	8.00%
1.10% Ammoniacal Nitrogen	
6.90% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	16.00%
Soluble Potash (K <sub>2</sub> 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.

### Physical Properties:

Form: Liquid

Appearance: Hazy, greenish-brown color with a unique characteristic odor

Weight: 10.76 lb/gal, 1.29 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:

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

### 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, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on this product:



## The Solution for Vigorous, Healthy Plant Growth

Huma® **Vitol®**, carbon-complexed with Micro Carbon Technology®, feeds the natural metabolic processes within the plant for vegetative development and fruit sizing. It increases the nutrient uptake of the plant and smoothly transitions the plant through its growth stages. It also improves plant recovery from environmental stresses during peak crop demand periods. When soil-applied, **Vitol®** provides necessary nutrients for root growth and elongation that are critical in tap root crops.

### Benefits of Use:

- Increase foliar growth at emergence
- Maintain late-season growth and vigor
- Increase fruit size
- Improve uniformity of fruit size
- Give plants energy

### Notes:

- **Vitol®** is an excellent carrier for other nutrients.
- **Vitol®** can be applied to soil as a taproot stimulator.
- Apply **Vitol®** at highest rates together with Huma® **Cobalt** at 2–4 ounces per acre (150–300 mL per hectare) to overcome environmental stresses such as herbicide or salt damage, frost or hail damage, and disease and insect damage.

### Application Instructions:

SHAKE WELL BEFORE USING. Designed for soil and/or foliar application. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops, Sod, and Specialty Crops	Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	Up to 2 oz/1000 ft <sup>2</sup> , 70 mL/100 m <sup>2</sup>	—
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 oz/1000 ft <sup>2</sup> , 105 mL/100 m <sup>2</sup>	Up to 1 gallon/acre, 10 liters/hectare
Soil banded or injected through drip tape or micro sprinklers.	Up to 2 quarts/acre, 5 liters/hectare	Up to 3 oz/1000 ft <sup>2</sup> , 105 mL/100 m <sup>2</sup>	Up to 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 6 oz/1000 ft <sup>2</sup> , 210 mL/100 m <sup>2</sup>	Up to 2 gallon/acre, 20 liters/hectare



This product contains Micro Carbon Technology® (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.