



## Guaranteed Analysis 8-0-0

Total Nitrogen (N) .....	8.00%
3.00% Ammoniacal Nitrogen	
2.00% Nitrate Nitrogen	
3.00% Urea Nitrogen	
Sulfur (S).....	1.00%
1.00% Combined Sulfur (S)	
Iron (Fe).....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn).....	0.05%
0.05% Chelated Manganese (Mn)	
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

### Derived From:

Urea, Ammonium Sulfate, Ammonium Nitrate, Iron HEDTA, Manganese EDTA, and Zinc EDTA.

### Physical Properties:

Form: Liquid  
 Appearance: Hazy brown, having a unique characteristic odor.  
 Weight: 993 lb/gal, 1.19 kg/L  
 pH: 4.0-5.0

### Caution:

Keep out of reach of children. The liquid and mists may be irritating to the eyes and possibly the skin. Inhalation of mists may be irritating to the entire respiratory tract. Ingestion of this product may cause gastrointestinal irritation, or cardiovascular and central nervous system effects.

### 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 a Strong, Healthy Soil

Huma<sup>®</sup> Zap<sup>®</sup> carbon-complexed with Micro Carbon Technology<sup>®</sup> is an organic-based formulation of nutrients for feeding the native beneficial soil microbial balance. Zap<sup>®</sup> feeds a strong, vigorous soil biology, which indirectly results in the natural improvement of soil health.

### How Zap<sup>®</sup> Works:

- Effect on soil environment surrounding roots: Zap<sup>®</sup> enhances activity of beneficial microbes detrimental to soil-borne diseases and plant-parasitic-nematodes.
- Effect on the plant: Zap<sup>®</sup> improves root growth and, as a result, reduces susceptibility to secondary root infections.

### Benefits of Use:

- Improved plant vigor
- Improvement in beneficial soil microbial activity
- Establishment of soil biological balance and species diversity
- Addresses microbial challenges related to cut- or leveled-ground soil infertility

### Application Instructions:

SHAKE WELL BEFORE USE. Designed for soil application to improve soil health. Best results will be obtained when application is concentrated in the active root zone. Can be applied to all soil types for agricultural fields, ornamentals, lawns, gardens, and landscapes. Soil moisture is required for maximum bioactivity: if soil is dry, moisture should be provided by irrigation. If compatibility is in question, jar test a small quantity. Do not apply this product in concentrations greater than 10% without a preliminary jar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops, Sod, and Specialty Crops		Tree or Vine Crops
Soil banded or injected through drip tape or micro sprinklers	Up to 0.5 gallon/acre, 5 liters/hectare	—	Up to 1 gallon/acre, 10 liters/hectare
Sprinklers: solid, set, drag lines, linear, or pivot (100% speed)	Up to 1 gallon/acre, 10 liters/hectare	Up to 3 oz/1000 ft <sup>2</sup> , 105 mL/100 m <sup>2</sup>	Up to 2 gallon/acre, 20 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 2 gallon/acre, 20 liters/hectare	Up to 6 oz/1000 ft <sup>2</sup> , 210 mL/100 m <sup>2</sup>	Up to 3 gallon/acre, 30 liters/hectare



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