Fertil Soil®

Guaranteed Analysis
5-0-0

Total Nitrogen (N) 5.00%
5.00% Urea Nitrogen
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, Iron HEDTA, Manganese EDTA, Zinc EDTA.

Physical Properties:
Form: Liquid
Appearance: Hazy brown with a slight characteristic odor.
Weight: 9.18 lb/gallon, 1.10 kg/L
pH: 7.5–8.5

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 Building a Living Soil

Huma® **Fertil Soil**® carbon-complexed with Micro Carbon Technology® improves soil structure and feeds the beneficial bacteria activity in the soil. This balances the carbon-oxygen ratio, creating a carbon-rich soil that allows the soil and rhizosphere interface to be more active. **Fertil Soil**® increases availability of nutrients blocked by mineralization in soils. **Fertil Soil**® indirectly helps to diminish the stress of saline soils and pH extremes.

Benefits of Use:

- Activates beneficial aerobic bacteria and actinomycetes
- Aerates soils and flocculates clay particles
- Increases water-use efficiency
- Buffers salts in high alkaline, high salinity soils
- Increases nutrient availability for easier plant uptake
- Stimulates root-mass development

Deficiency Symptoms—When to Apply:

- Anaerobic soil conditions
- Low soil organic matter
- Soil compaction or cloddy, crusted soil
- Poor water penetration or retention
- Salt damage or toxicity to plants
- Loss of nutrients by leaching below root zone
- Inhibited root growth, small root mass

Application Instructions:
SHAKE WELL BEFORE USING. Designed for soil application to enhance beneficial microbial growth. Best results will be obtained when application is concentrated in the active root zone. For field crops, first application should be 15 to 20 days before planting. Apply directly to the soil followed by a shallow cultivation. Do not apply this product in concentrations greater than 10% without a 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 1 quart/acre, 2.5 liters/hectare	–	Up to 2 quarts/acre, 5 liters/hectare
Sprinklers: solid, set, drag lines, linear, or pivot (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 2 oz/1000 ft^2, 70 mL/100 m^2	Up to 3 quarts/acre, 7.5 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 3 quarts/acre, 7.5 liters/hectare	Up to 3 oz/1000 ft^2, 105 mL/100 m^2	Up to 4 quarts/acre, 10 liters/hectare

Micro Carbon Technology®

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.

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HUMA®