FERTIL SOIL®

(Formerly "Soil-Max™")

Sustainable Soil Fertility

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. Chelating Agents are Hydroxyethylethylenediaminetriacetate and Ethylenediaminetetraacetate.

Also Contains Non-Plant Food Ingredient:
13.5% Organic Matter (derived from leonardite)

Physical Properties:
Form: Liquid
Appearance: Hazy brown, with a slight characteristic odor.
Weight: 8.76 lbs per gallon, 1.05 kg/L
pH: 8.0–9.0

Caution:
Keep out of reach of children.
Harmful if swallowed.
The liquid and mists can be irritating to the eyes and possibly the 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 Building a Living Soil

Huma Gro® 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 to be applied to the soil. 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%. See table below for specific rate instructions.

METHOD OF APPLICATION	*SUGGESTED RATE* *Field Crops / Tree or Vine Crops*	
Soil banded, injected, drip tape, or micro sprinklers	Up to 1 quart/acre, 2.5 liters/hectare	Up to 1 quart/acre, 2.5 liters/hectare
Sprinklers: solid set, drag lines, linear, or pivot at 100% speed	Up to 2 quarts/acre, 5 liters/hectare	Up to 2 quarts/acre, 5 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 3 quarts/acre, 7.5 liters/hectare	Up to 3 quarts/acre, 7.5 liters /hectare

Powered by 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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 HG-200619-04

HUMA GRO®