

Why Huma Gro®

## ADVANCED SOIL TECHNOLOGY

FOR IMPROVED SOIL FERTILITY AND HEALTH

- *Increases activity and diversity of beneficial microorganisms in the soil*
- *NOT a microbial inoculum*
- *Improves water penetration and water retention*
- *Increases soil biomass and organic matter*
- *Improves soil physical characteristics*
- *Reduces stress from soil toxicities and adverse environmental conditions*
- *Stimulates root mass development*
- *Buffers extremes of pH and EC in the soil to make nutrients more available*

**HUMA GRO®**  
invites you to experience the benefits of our broad-spectrum line of ultra-efficient carbon-rich agricultural products.

Proud Partner of 4R



### LIQUID NUTRIENT MANAGEMENT SYSTEM

SUSTAINABLE SOIL FERTILITY
OPTIMAL GROWTH MANAGEMENT
ULTRA-EFFICIENT MACRONUTRIENTS
ULTRA-EFFICIENT MICRONUTRIENTS
ZERO-RESIDUE CROP PROTECTION
CARBON-RICH ORGANIC ACIDS
SPECIALTY PRODUCTS



# HUMA GRO®

SUSTAINABLE SOIL FERTILITY



RENEW, REBUILD,  
& MAINTAIN  
YOUR SOIL!

FERTIL SOIL™  
FERTIL HUMUS®  
ZAP®



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POWERED BY

**MICRO CARBON TECHNOLOGY®**

## FERTIL SOIL™ 5-0-0

### WHAT IT DOES:

FERTIL SOIL™ improves soil structure and feeds beneficial soil bacteria.

### BENEFITS:

- Activates beneficial aerobic bacteria and actinomycetes
- Aerates soils and flocculates clay particles in heavier soils, while aggregating sand particles in lighter soils
- Increases water penetration
- Buffers salts in high-alkaline, high-salinity soils
- Increases nutrient availability for easier plant uptake
- Stimulates root-mass development

### APPLICATION:

FOLIAR: N/A

IRRIGATION: 1–2 qt/ac (2.5–5 L/ha)

FREQUENCY: Apply 15–20 days prior to planting and as needed during the crop cycle



SOIL STRUCTURE

## FERTIL HUMUS® 24-0-0

### WHAT IT DOES:

FERTIL HUMUS® feeds beneficial fungal activity in the soil, enhances aerobic decomposition of organic matter, and builds a humus-rich soil.

### BENEFITS:

- Activates beneficial soil fungi
- Aids in the decomposition of organic residues in soils, converting them to humus
- Increases recycling of nutrients tied up in organic matter
- Aids in improving soil condition
- Helps to buffer harsh chemicals and degrade toxic compounds in soil
- Increases soil water retention
- Stimulates root growth

### APPLICATION:

FOLIAR: N/A

IRRIGATION: 1–2 qt/ac (2.5–5 L/ha)

FREQUENCY: Apply 15–20 days prior to planting and as needed during the crop cycle



RESIDUE MANAGEMENT

## ZAP® 8-0-0

### WHAT IT DOES:

ZAP® improves soil health by nourishing a wide range of beneficial soil microbes.

### BENEFITS:

- Activates a broad spectrum of both fungal and bacterial microbes
- Establishes soil biological balance and species diversity
- Addresses microbial challenges related to soil fertility on cut or leveled ground
- Stimulates root growth
- Recommended for use after fumigation or other soil pesticide applications

### APPLICATION:

FOLIAR: N/A

IRRIGATION: 0.5–1 gal/ac (5–10 L/ha)

FREQUENCY: Apply 15–20 days prior to planting and as needed during the crop cycle



LEARN MORE AT  
[WWW.HUMAGRO.COM](http://WWW.HUMAGRO.COM)

SOIL HEALTH