

# Why Huma Gro®

## CUTTING EDGE N-P-K TECHNOLOGY

MAXIMIZE NUTRIENT AVAILABILITY BY  
COMPLEXING MACRONUTRIENTS WITH  
MICRO CARBON TECHNOLOGY®

- Lower input costs and maximize your ROI
- Ultra-concentrated low salt-index formulations allow you to apply a lower volume of N-P-K per acre/hectare with higher effectiveness
- Mixes well with other nutrient solutions, PGRs, and pesticides
- Apply foliarly without risk of burning for immediate nutrient uptake
- Soil-apply, using any irrigation system, without risk of tie-up. Nutrients remain stable & available in the root zone
- Decreased N-P-K residues result in significantly reduced environmental impact



POWERED BY

**MICRO CARBON  
TECHNOLOGY®**

**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



Bio Huma Netics, Inc.

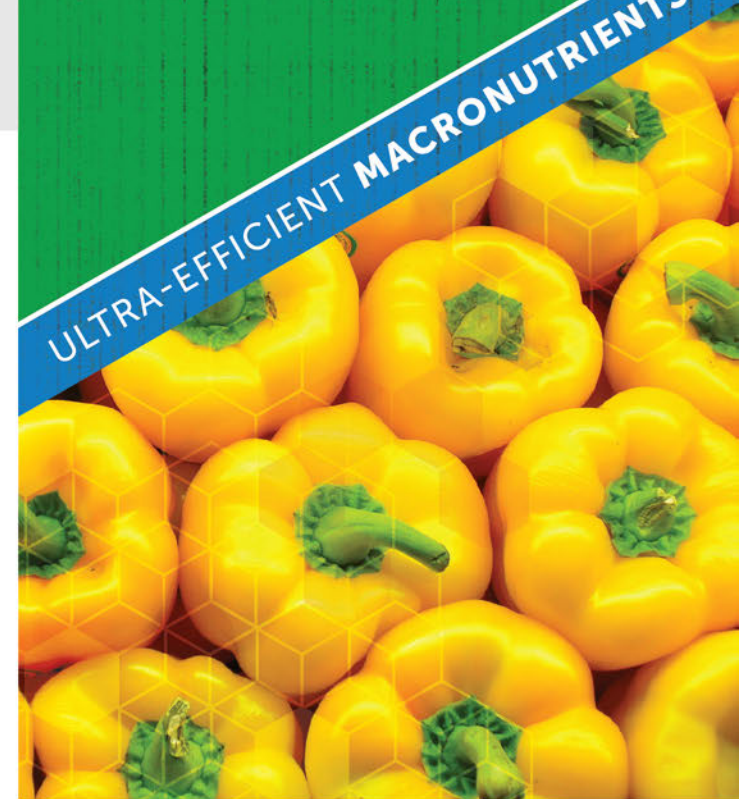
1331 W. Houston Ave., Gilbert, AZ USA 85233

**1.480.961.1220 HumaGro.com**

© 2018 BIO HUMA NETICS, INC. ALL RIGHTS RESERVED  
Pub. No. HG-180202-05

# HUMA GRO®

ULTRA-EFFICIENT MACRONUTRIENTS



MAXIMIZE NUTRIENT  
AVAILABILITY & EFFICIENCY

**SUPER NITRO®**  
**SUPER PHOS®**  
**SUPER POTASSIUM®**

## SUPER NITRO® 30-0-0

### WHAT IT DOES:

SUPER NITRO® is concentrated and complexed with Micro Carbon Technology® for maximizing nitrogen uptake with improved stability and availability. SUPER NITRO® provides an efficient source of nitrogen, which is a core component of many plant structures and necessary for metabolic processes essential for crop development.

### BENEFITS:

- Low salt-index fertilizer that can be foliar-applied without risk of leaf burn
- When soil-applied, nitrogen remains stable in the root zone and resists tie-up
- Resists leaching and volatilization to remain water soluble and available to plant roots
- Provides quick crop response
- Can be tank-mixed with other nitrogen sources to improve availability

### APPLICATION:

FOLIAR: 1–2 qt/ac (2.5–5 L/ha)

IRRIGATION: 2.5–5 gal/ac (25–50 L/ha)

FREQUENCY: Apply as needed

SUPER NITRO® can be blended with other liquid nitrogen fertilizers or used in conjunction with granular products. When used to fully replace soil-applied conventional nitrogen fertilizers, see the table below:

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

## SUPER PHOS® 0-50-0

### WHAT IT DOES:

SUPER PHOS® is concentrated and complexed with Micro Carbon Technology® for maximizing phosphate uptake with improved phosphate stability and availability. SUPER PHOS® encourages the production of amino acids, proteins, and carbohydrates necessary for cellular division.

### BENEFITS:

- Resists tie-up with calcium or aluminum to remain water soluble and available to plant roots
- Moves with irrigation water to aid in proper placement
- Can be tank-mixed to improve availability of other phosphorus solutions
- Is a low salt-index formula
- Aids in phosphorus uptake in cold, waterlogged soils
- Is useful in the cleaning and maintenance of drip irrigation systems

### APPLICATION:

FOLIAR: 1–2 qt/ac (2.5–5 L/ha)

IRRIGATION: 2.5–5 gal/ac (25–50 L/ha)

FREQUENCY: Apply as needed

SUPER PHOS® can be blended with other liquid phosphate fertilizers or used in conjunction with granular products. When used to fully replace soil-applied conventional phosphate fertilizers, see the table below:

## SUPER POTASSIUM® 0-0-40

### WHAT IT DOES:

SUPER POTASSIUM® is concentrated and complexed with Micro Carbon Technology® for maximizing potassium uptake with improved potassium stability and availability. SUPER POTASSIUM® promotes internal cellular strength for fruit development and maturity, and it helps to regulate the movement of water and nutrients within the plant.

### BENEFITS:

- Resists tie-up in the soil and remains available through the plant root system
- Provides quick crop response and can be applied just prior to actual crop need
- Can be tank-mixed to improve availability of other potassium solutions
- Is a low salt-index formula and does not contain chloride
- Aids in potassium uptake in heavy clay, compacted, or high-salinity soils
- Is completely water soluble and can be water incorporated

### APPLICATION:

FOLIAR: 1–2 qt/ac (2.5–5 L/ha)

IRRIGATION: 2.5–5 gal/ac (25–50 L/ha)

FREQUENCY: Apply as needed

SUPER POTASSIUM® can be blended with other liquid potassium fertilizers or used in conjunction with granular products. When used to fully replace soil-applied conventional potassium fertilizers, see the table below:

REPLACEMENT VALUE OF SUPER NITRO®		
SUPER NITRO®	REPLACES	UAN 32-0-0
		1 gallon up to 2 gallons
		10 liters up to 20 liters
		10-34-0 (Nitrogen Only)
		1 gallon up to 6 gallons
		10 liters up to 60 liters
CONVENTIONAL	REPLACES	Granular Nitrogen
		1 gallon up to 8 lb actual N
		10 liters up to 10 kg

REPLACEMENT VALUE OF SUPER PHOS®		
SUPER PHOS®	REPLACES	Green Phosphoric Acid
		1 gallon up to 10 gallons
		1 liter up to 10 liters
		10-34-0 (Phosphorus Only)
		1 gallon up to 15 gallons
		1 liter up to 15 liters
CONVENTIONAL	REPLACES	Granular Phosphorus
		1 gallon up to 50 lb actual P <sub>2</sub> O <sub>5</sub>
		1 liter up to 5.5 kg actual P <sub>2</sub> O <sub>5</sub>

REPLACEMENT VALUE OF SUPER POTASSIUM®		
SUPER POTASSIUM®	REPLACES	Potassium Thiosulfate (KTS)
		1 gallon up to 15 gallons
		1 liter up to 15 liters
		Liquid Potassium Chloride
		1 gallon up to 40 gallons
		1 liter up to 40 liters
CONVENTIONAL	REPLACES	Granular Potassium
		1 gallon up to 40 lb actual K <sub>2</sub> O
		1 liter up to 4.5 kg actual K <sub>2</sub> O

THE WORLD'S MOST EFFICIENT DELIVERY OF N-P-K NUTRIENTS