

## Why Huma Gro®

### ULTRA-EFFICIENT SECONDARY MACRO AND MICRONUTRIENT TECHNOLOGY

PROMOTES STRONG,  
STEADY GROWTH  
WITH HIGHER YIELDS

- *Ultra-concentrated, low salt-index formulation for greater nutrient uptake*
- *Produces higher yields and increases harvest quality*
- *Increases root development, fruit setting, grain filling, seed viability, and plant vigor*
- *Can be foliar or soil applied, using any irrigation system*
- *Saves money and reduces waste*



## 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



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# HUMA GRO®

ULTRA-EFFICIENT MICRONUTRIENTS



PROMOTE **STRONG,**  
STEADY **GROWTH** WITH  
**HIGHER YIELDS** USING

SECONDARY **MACRO**  
AND  
**MICRONUTRIENTS**



POWERED BY

**MICRO CARBON  
TECHNOLOGY®**

**MAX PAK®** (S) 3.0%, (B) 0.60%, (Co) 0.05%, (Cu) 1.0%, (Fe) 2.0%, (Mn) 1.0%, (Mo) 0.05%, (Zn) 3.50%

Huma Gro® MAX PAK® is a liquid micronutrient formulation containing a complexed, highly stable source of important micronutrients. MAX PAK® is leaf friendly, salt buffered, and formulated with Micro Carbon Technology® to ensure maximum uptake and translocation of nutrients.

**44 MAG®** (Mg) 5.0%, (S) 5.50%

Huma Gro® 44 MAG® ensures maximum assimilation of magnesium, which is the essential part of the chlorophyll molecule necessary for photosynthesis.

**Z-MAX®** (S) 5.0%, (Cu) 0.50%, (Mn) 2.0%, (Zn) 8.0%

Huma Gro® Z-MAX® ensures efficient and effective uptake of zinc, sulfur, manganese, and copper to optimize micronutrient nutrition of the plant. Z-MAX® is compatible with plant growth regulators, pesticides, and other liquid fertilizers.

**CALCIUM** (N) 8.0%, (Ca) 10.0%

Huma Gro® CALCIUM ensures maximum calcium uptake and translocation within the plant. Calcium is a required nutrient for cellular strength and growth, plant health, and fruit development.

**PUR CAL™** (Ca) 8.0%

Huma Gro® PUR CAL™ ensures maximum nitrogen-free calcium uptake and translocation within the plant, allowing plants to benefit from calcium nutrition for fruiting without the nitrogen stimulus for vegetative growth.

**IRO-MAX®** (N) 12.0%, (S) 4.0%, (Fe) 8.0%

Huma Gro® IRO-MAX® ensures maximum iron uptake into the plant. Iron is a key micronutrient involved in photosynthesis that also enables other biochemical processes such as respiration, symbiotic nitrogen fixation, and transfer of ATP within the plant.

**BORO-PRO™** (B) 10.00%

Huma Gro® BORO-PRO™ ensures efficient and effective uptake of boron, which is required for cell division, plant metabolism, pollination, and seed development. It enhances pollen viability and supplies the boron nutrition necessary for proper growth and maturation.

**COBALT** (Co) 5.0%

Huma Gro® COBALT ensures maximum uptake of cobalt, an essential micronutrient involved with nodulation of legumes, microbial function, and recovery from plant stress.

**COMOL™** (P<sub>2</sub>O<sub>5</sub>) 5.0%, (Co) 1.0%, (Mo) 3.0%

Huma Gro® COMOL™ ensures efficient nutrient uptake and translocation of phosphorus, cobalt, and molybdenum, which encourages production of amino acids, proteins, and carbohydrates necessary for cellular division, nodulation of legumes, microbial functions, recovery from plant stress, enzyme activities, and nitrogen metabolism.

**COPPER** (S) 3.0%, (Cu) 5.0%

COPPER ensures efficient and effective uptake of copper, which is a micronutrient involved in many plant metabolic processes including photosynthesis, enzyme activity, protein metabolism, nitrogen regulation, and plant vigor.

**MANGANESE** (S) 2.5%, (Mn) 5.0%

Huma Gro® MANGANESE ensures efficient and effective uptake of manganese, which is a micronutrient involved in many plant metabolic activities including photosynthesis, enzyme activity, and nutrient regulation.

**MOLYBDENUM** (Mo) 5.0%

Huma Gro® MOLYBDENUM ensures efficient and effective uptake of molybdenum, which is a micronutrient necessary in enzyme activities and particularly in nitrogen metabolism.

**NICKEL** (Ni) 10.0%, (S) 6.0%

Huma Gro® NICKEL ensures maximum assimilation of nickel, which is necessary in the production of various tree, vine, and nut crops. When nickel is insufficient, urea can accumulate in leaves to the point of plant toxicity—manifested as necrosis of leaf tips.

**SULFUR** (N) 8.0%, (S) 10.0%

Huma Gro® SULFUR ensures efficient and effective uptake of sulfur and nitrogen. Sulfur is a major nutrient involved in respiration, photosynthesis, amino acid metabolism, plant growth, and vigor.

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