



**CATALYST
ACHIEVE**

THE ULTIMATE COMBINATION FOR CROP NUTRITION



At plant set, crops are at a stage of their greatest need of proteins for development and nutrients that counter-balance the external and internal stresses of development. Primary importance needs to be placed on nutrients that support Nitrogen conversion and Amino Acids that enhance microbial activity.

The inclusion of Potassium in **Catalyst Achieve** enhances the plant's capability for energy production, water movement and the activation of enzymes that promote plant strength and stress resistance.

The complexed and chelated nutrients in **Catalyst Achieve** provides the ideal solution for strong and high-yielding crops.

Enhanced Plant Quality

The unique combination of essential nutrients, fermented sugars and Amino Acids in **Catalyst Achieve** provides plants with the nutrition necessary for more consistent growth.

Increased Microbial Activity

Only ionic, protected nutrients are truly plant-available, resisting soil tie-up. The complexing and chelation of **Catalyst Achieve** with Humic and Amino Acids assures high return with very low input rates.

True Plant-Available Nutrients

Insufficient levels of Amino Acids in alternative fertilizers means that much of the nutrients remain unprotected from soil tie-up. **Catalyst Achieve** contains Amino Acids to fully complex and chelate nutrients, to ensure nutrient protection and enhance plant uptake.



When in sufficient supply to sequence, Amino Acids are the building blocks of proteins, which are then converted by the plant into blades, stems and leaves.

Only **Catalyst Achieve** contains sufficient Amino Acids to fully complex and chelate nutrients – resisting soil tie-up – but also to provide superior conditions for increased microbial activity. All of this leads to higher plant uptake of readily available nutrition for plants to reach their potential.

The addition of sugar manitols in **Catalyst Achieve** enhances the conversion of Nitrogen in plant metabolism, increasing plant growth efficiency and strength.

GUARANTEED ANALYSIS

Total Nitrogen (N)	3.00%
3.00% Urea Nitrogen	
2.00% Other water soluble Nitrogen	
Soluble Potash (K₂O)	3.00%
Copper (Cu)	0.01%
0.01% Water Soluble Copper [Cu]	
Iron (Fe)	0.50%
0.50% Water Soluble Iron [Fe]	
Manganese (Mn)	0.50%
0.50% Water Soluble Manganese [Mn]	
Zinc (Zn)	0.50%
0.50% Water Soluble Zinc [Zn]	

Derived from: Protein Hydrolysate, Potassium Citrate, Sodium Borate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate and Zinc Sulfate.
Derived from: Urea, Copper Sulfate, Ferrous

APPLICATION RECOMMENDATIONS:

Catalyst Achieve can be soil or foliar applied. It may be tank mixed with other fertilizers or agricultural chemicals after conducting a jar test for compatibility.

SOIL SPRAY APPLICATION: Apply by banding in or near the seed row or directly on the seed at a rate of 1 to 3 quarts per acre.

CONTROLLED IRRIGATION: Inject at a rate of 2 to 4 quarts per acre.

FOLIAR APPLICATION: Apply on all crops at a rate of 1 to 2 quarts per acre.

ROOT DIP: Mix 96 oz. per 10 gallons of water. Dip plant prior to planting.

ROOT DRENCH: Mix 4 oz. per 10 gallons of water. Deliver solution to root zone.



Catalyst Achieve Benefits

Ultra-Low application rates

The perfect blend of efficient Potassium and Phosphorus

Enhances Nitrogen metabolism and protein development

Promotes uniform maturity and production

Enhances plant strength and resistance to drought and temperature extremes

Clean, easy handling solution



Phone: [251] 952-GROW (4769)

E-Mail: Info@gcogrows.com

Web: www.GCOag.com