



**CATALYST  
SOIL PREP**

# PREPARE YOUR SOIL FOR STRONG CROP GROWTH



Production farms demand a great deal from their soil, and the common input programs utilized during the growing season do not properly prepare the growing environment for the following season.

New plantings demand soil that is prepared for a new growing cycle, with available Phosphorus, in addition to amino acids and other natural nutrients needed to reestablish the microbial activity that the crops will depend on for productive growth.

**Catalyst Soil Prep** is the solution for farms where disturbed soils lack the nutrients required for fast and productive growth.

## **Enhances Vital Microbial Activity**

Amino acids, humic and fulvic acids not only are utilized as chelation agents to protect nutrients, but are also proven as effective “food” to promote microbial activity that releases nutrients within the soil.

## **A Balance Of NPK For New Growth**

High efficiency nutrients, chelated for protection from soil tie-up, are balanced for the needs of new growth. New sod needs Phosphorus in particular, along with moderate amounts of Nitrogen and Potassium. Micronutrients are added to promote strong plant development and to enhance microbial activity.

## **Promotes Water Retention In The Soil**

The yucca extract and seaweed extract in **Catalyst Soil Prep** enhances the soil's ability to retain moisture, keeping your new growth in an environment of positive macro and micropore air/water ratios.



**Catalyst Soil Prep** is more than your average “starter” NPK package, including natural non-plant food ingredients that are shown to promote microbial activity, boost root growth and mass, as well as enhance plants’ natural defenses against stress.

Chitin, yucca extract and seaweed extract have been known and used in agricultural settings for years, and despite their “non-traditional” nature, they are shown to benefit growth in soil that has become “tired” from constant production.

These ingredients, along with the NPK and micronutrient blend, are part of a complete program of soil replenishment – in a single package. The result is soil that is prepared to give your crops the best opportunity for success.



#### GUARANTEED ANALYSIS

Total Nitrogen (N).....4.00%

Available Phosphate (P<sub>2</sub>O<sub>5</sub>).....6.00%

Soluble Potash (K<sub>2</sub>O) .....5.00%

Derived from: Vegetable Protein, Urea, Phosphoric Acid, Potassium Hydroxide

**Also Contains 15% Non-Plant Food Ingredients:** Amino Acids [Derived from Vegetable Protein], Humic and Fulvic Acids [Derived from Peat Moss], Chitin [Derived from Crustaceans], Yucca Extract [Derived from Yucca Schidegera], and Seaweed Extract [Derived from Ascophyllum Nodosum], and Bacterial Micronutrient Blend [Zinc Sulfate, Manganese Sulfate, Ferrous Sulfate, Copper Sulfate, Chelated with Glycine and Citric Acid]

#### Catalyst Soil Prep Benefits

NPK balanced to promote new crop growth

Low application rate that provides complete nutrition with ultra-high efficiency

Natural growth hormones promote strong root development

Promotes quick, uniform early start

#### APPLICATION RECOMMENDATIONS:

**Catalyst Soil Prep** is designed for farms where disturbed soils lack the nutrients required to reestablish a healthy soil. Formulated for fast uptake by soil organisms. **Catalyst Soil Prep** provides a complete plant and soil nutrition package required for effective and quick grow-in applications.

Information regarding the contents and levels of metals in this product is available on the internet at: [www.aapfco.org/metals.htm](http://www.aapfco.org/metals.htm)

Foliar or soil spray 1 – 2 quarts per acre.



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