

# ACHIEVE™ MAX

## *Microbial Soil Amendment and Enhancement Product*

Achieve Max is a fertilizer biocatalyst designed to improve soil microbiology, facilitate greater fertilizer efficiency and improve overall plant vigor and yield.

## **Soil Microbial Biocatalyst**

Achieve Max causes a significant increase in beneficial bacteria and in the soil, providing the support mechanism to build healthier root systems across a wide range of soil types and cropping systems. This in turn improves nutrient availability and uptake, improves overall plant performance and increases yield potential.

Since Achieve Max has such a dramatic effect on root development, it is best to use it early in the season, and in times of plant stress. As better nutrient balance in the soil is maintained, the efficiency of fertilizer uptake greatly improves crop quality, in both appearance and nutrient content.

Achieve Max is produced from the fermentation of beneficial saprophytic microorganisms and provides specialized microbial cultures, metabolites, and critical micronutrients for plants.

### **Liquids**

Derived from fermentation extracts of organisms including:

- Pseudomonas fluorescens
- Bacillus licheniformis
- Bacillus pumilus
- Bacillus megaterium
- Bacillus amylo-liquefaciens

### **Soluble Packets**

- Mychorizae Alomus Tricoderma



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## Microbial Soil Amendment and Enhancement Product

### Application Rates Per Acre

BROADCAST OR FERTIGATION	2-4 QUARTS PER ACRE
SIDE DRESS OR STARTER	1-2 QUARTS PER ACRE
PACKETS	1.5-2.5 GRAMS PER ACRE

### Application

For use as a microbial soil amendment, Achieve Max provides critical enzymes, metabolites, and beneficial microbial biomass that aid in building soil structure, competitive exclusion, water retention, soil chemistry, and salt reduction. Achieve Max can be applied directly to the soil as a pre-plant or post plant treatment. Soil application should be made in moist soil and watered when possible.

### Tank Mixing

Always perform a jar test when co-mixing with fertilizer and chemicals. Liquid fertilizers in the pH range of 5 to 9 are typically compatible with Achieve Max. **Do not mix with Fungicides.**

### Transplanting

**Mix 4 ounces to one gallon water.**

Saturate plugs in planting trays, dip roots, or spray onto bare rootstock prior to transplanting. The probiotic in Achieve Max promotes improved growth and survival via competitive exclusion of unwanted microbe species.

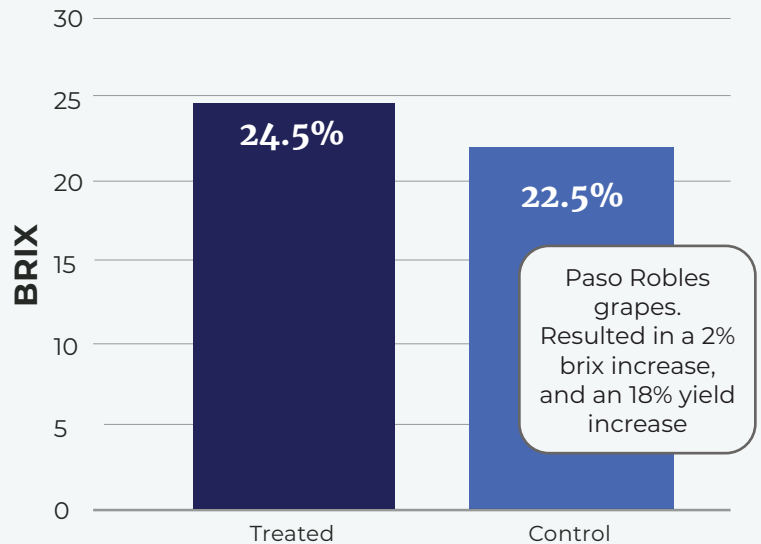
### Guaranteed Analysis

Total Nitrogen (N).....5.0%

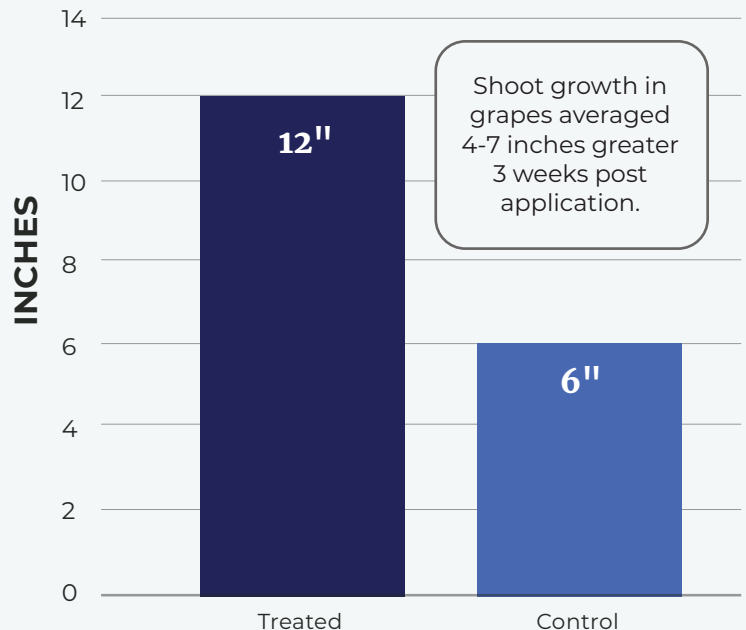
#### KEEP OUT OF REACH OF CHILDREN

**WARRANTY:** WESTERN NUTRIENTS CORPORATION makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients Corporation label attached to the product container.

### Brix Paso Robles Grapes



### Shoot Length 2 Weeks Post Application at Root Flush



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