

# RhizaMax B

## Microbial Soil Amendment



Unleash the extraordinary benefits of RhizaMax and witness the flourishing of your garden, farm, or cannabis cultivation. Experience the rapid growth, amplified yields, and robust root development that this probiotic-infused soil amendment delivers. Harness the power of RhizaMax to enhance nutrient availability and optimize water utilization across all aspects of agriculture. Elevate your agricultural endeavors with RhizaMax and cultivate extraordinary success!

### **Features and Benefits**

- RhizaMax is a highly concentrated microbial soil amendment that contains a unique blend of five growth-promoting rhizobacteria species.
- The bacteria in RhizaMax work together to mobilize, solubilize, and chelate macro and micronutrients in the rhizosphere region of the soil, making them more available to plants and resulting in rapid plant growth, increased yields, robust root development, and more efficient water uptake.
- RhizaMax also increases plant tolerance to abiotic stressors such as hypersalinity, extreme temperatures, deficient or excessive water, and heavy metals, due to the bacteria's ability to activate Induced Systemic Resistance (ISR) mechanisms in the plant.
- RhizaMax has a high concentration of bacteria, with more than  $1.1 \times 10^9$  cfu/mL in each milliliter of liquid, which translates to more than **41 trillion CFUs per gallon**. This high concentration allows for low application rates and low application frequencies without sacrificing performance.
- To use RhizaMax, it is recommended to apply it as a soil inoculant via overhead irrigation, drip irrigation, hand watering, or other hydroponic systems. It can be applied throughout the growing season at all stages of the plant life cycle, including the seeding and pre-harvest (flushing) stages.

### **Microbial Concentration**

- *Bacillus subtilis* >  $2.2 \times 10^9$  cfu/mL
- *Bacillus amyloliquefaciens* >  $2.2 \times 10^9$  cfu/mL
- *Bacillus megaterium* >  $2.2 \times 10^9$  cfu/mL
- *Bacillus licheniformis* >  $2.2 \times 10^9$  cfu/mL
- *Bacillus pumilis* >  $2.2 \times 10^9$  cfu/mL

Total bacterial concentration: >  $1.1 \times 10^{10}$  cfu/mL  
Greater than 41 Trillion Per Gallon

### **Application Guidelines**

- Stir well before use as *Bacillus* spores naturally settle in the container.
- RhizaMax can be applied via hand watering, drip irrigation, overhead irrigation, or other hydroponic systems.
- Apply RhizaMax at all stages of the plant's life cycle, including the sowing and pre-harvest (flushing) stages, throughout the growing season.
- Rinse drip irrigation lines with fresh water after injecting.
- For maximum results, use RhizaMax within 2-4 hours of tank mixing with fertilizers or nutritional solutions (applies mostly to growers using organic inputs - with conventional inputs can leave tank mixed).

0.5-1.0 mL/Gallon Irrigation Solution can rise to 2mL/Gallon during the flowering stage and under vigorous growth circumstances (such as CO<sub>2</sub> injection, the middle of the flowering cycle, and strong light levels).

### **Storage & Handling**

- RhizaMax B concentrate can be kept for at least 18 months if kept in a closed container and stored in a cool, dry environment. High-temperature exposure is not advised.
- Keep the product away from sources of heat and fire.
- Store the product in its original packaging, or in an airtight container.