

MASTER GROWERS ADVANTAGE

Water Conservation Tech



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Master Growers Advantage is a water-soluble soil conditioner that can be added to irrigation water to enhance soil quality and promote optimal plant growth. This innovative product is designed to condition the soil structure and improve water and nutrient retention, leading to healthier and more vibrant plants. When added to the substrate, the product binds with it, remaining in the top 10 inches of substrate for up to 30 days before washing out.





KEY BENEFITS

- Improves soil moisture retention in the plant root zone
- Reduces water waste from irrigation by preventing excess water from seeping beyond the root zone
- Enhances the uptake of soluble nutrients by the plant roots by holding them in the water-soil matrix
- Environmentally friendly and safe for plants, animals, and the ecosystem
- Improves the physical quality of the soil substrate, making it more stable and less prone to compaction
- Increases the duration of water availability to plants, improving their overall health and vigor

KEY FACTS

- Master Growers Advantage has the ability to retain up to 200 times its weight in water, which allows it to extend the availability of water to plants.
- A 500 ml dosage of the product can cover around 2200 square feet of substrate surface area, and it effectively percolates into the substrate with the water.
- Once applied, Master Growers Advantage stays in the substrate matrix for up to 30 days, gradually releasing the retained water and nutrients.
- The product also helps to significantly extend the evaporation rate of water, making it available for a longer time.
- Moreover, Master Growers Advantage creates an ionic attraction between water and soil particles, resulting in less percolation through the root area of the surface soil.
- One gallon of Master Growers Advantage has a weight of 9 pounds.

FIELD & GREENHOUSE APPLICATION

- Inject the Master Growers Advantage solution into the irrigation pump outlet at a rate of 0.76 gallons per acre clay soil and 1.5 gallons per acre sandy soil.
- Administer treatment to the irrigated field every 30 days or upon the accumulation of eight inches of water, factoring in rainfall contribution towards this measurement.
- Utilize a positive displacement metering pump that can handle high viscosity solutions
- Reduce water usage by 30% and decrease nutrient/fertilizer usage by 15%.



MANUFACTURED

Master Growers Advantage is manufactured exclusively in the USA and approved by the US Department of Agriculture (USDA). Our company is dedicated to ensuring that our clients always receive the highest quality and best products.



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