

# Reach Higher Crop Performance with Robust Transplants

MycoApply® EndoMaxx establishes strong foundation for transplant production.

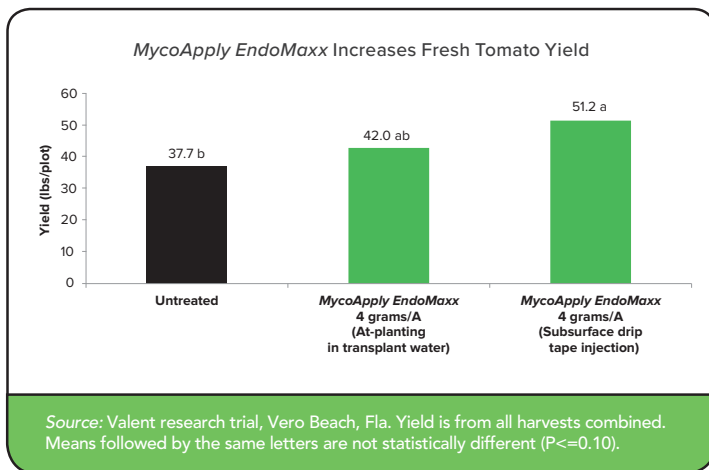
Plant and soil health below the surface is just as vital as it is above the ground—and establishing the best start at transplant helps get the most out of a crop at harvest.

“In order to produce healthy and high yielding crops, it’s important to consider the means for a successful transplant production,” said Mike Martin, vegetable crop manager at Valent. “It starts with developing a strong root system, ultimately allowing growers to reap the full yield benefits in their crops.”

## Building Better Crop Performance at Transplant

MycoApply EndoMaxx improves a crop transplant’s survivability and output through root mass expansion, nutrient uptake and drought tolerance. For optimal plant/soil health, performance and yield for vegetables and berries, growers should use MycoApply EndoMaxx as a pre-plant tray drench, in at-plant transplant water or via subsurface drip tape injection.

**The following chart demonstrates that tomato transplants treated with MycoApply EndoMaxx yielded 11% more marketable fruit when applied at-planting in the transplant water and 36% more from a subsurface drip tape injection.**



In a commercial grower trial of celery, use of MycoApply EndoMaxx as a transplant tray drench resulted in taller plants with larger stalk diameters and increased trimmed stalk weight versus the untreated control.



## Drought Tolerance and Nutrient Uptake

MycoApply EndoMaxx contains four species of mycorrhizal fungi that colonize a plant’s root system through a network of hyphae. After applying, the hyphae penetrate soil spaces to access and store water that is unavailable to the thicker root hairs, building up the plant’s drought tolerance.

In addition, MycoApply EndoMaxx hyphae act as a network of microscopic structures that can access nutrients from the soil that the root system typically can’t reach, such as phosphorus, nitrogen and other available micronutrients.

Growers should incorporate MycoApply EndoMaxx early in the plant’s development to allow enough time for colonization to occur and to maximize the full benefits of the preferred application method—whether it be pre-plant tray drench, in at-plant transplant water or via subsurface drip tape injection.

“MycoApply EndoMaxx is a proven, sustainable tool for growers looking to maximize their production,” said Martin. “By enhancing the plant’s health below ground, MycoApply EndoMaxx improves the performance of transplants and subsequently allows growers to achieve better crop performance and quality above ground.”



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MycoApply EndoMaxx is NOP compliant and OMRI listed for organic production.

