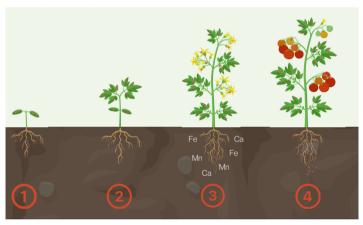






## IMPROVE NUTRIENT UPTAKE, ROOT DEVELOPMENT AND YIELD

Terrasym products contain specially selected naturally occurring beneficial microbes called pink pigmented facultative methylotrophs (PPFMs). PPFMs establish a natural, permanent partnership with plants. This symbiotic relationship facilitates improved nutrient uptake and plant development, ultimately making crops stronger, more stable and more tolerant of abiotic stress, from planting through harvest.



5%+ YIELD IMPROVEMENT

25 DATA POINTS

3+YEARS OF TRIALS

- Beneficial microbes, PPFMs establish a permanent partnership with host plants.
- PPFMs colonize the plant rapidly and support early vigor, reducing transplant stress.
- PPFMs improve nutrient uptake by populating plant roots and promoting higher number of root tips. They can also secrete beneficial molecules into the root zone that can bind and transport yield-enabling micronutrients.
- Colonization by PPFMs is associated with increased chlorophyll content and enhanced photosynthetic efficiency, resulting in plants with greater biomass and yield.

## **APPLICATION METHODS:**

125 g of Terrasym VT treats one acre's worth of seedlings:

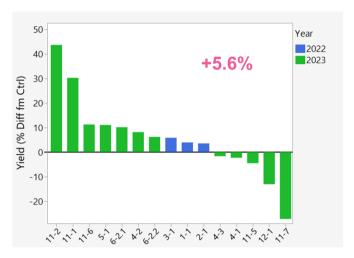
- Pre-slurry in a 1:2 ratio of product to water.
- Mix to ensure even suspension of powder. Do not include other products in this suspension.
- Apply as a drench to one acre's worth of seedlings. Once wetted up, use within 24 hours.

Suggested timing: 7-10 days before transplant.

Terrasym VT is a combination of PPFMs that work together to improve nutrient uptake, mitigate transplant stress and enhance seedling vigor, resulting in more fruit with a higher quality than the grower standard practice control. This product was specifically formulated for use with transplant vegetables such as **tomatoes**, **peppers** and **cucurbits**.

## 2022-2023 LARGE-SCALE TRIAL RESULTS

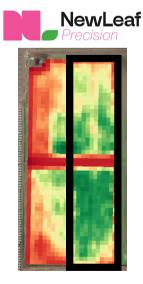
+5.6% INCREASE IN YIELD (+2.5 TONS/ACRE)





Treated areas ranged from 5-72 acres per field and total field size ranged from 26 – 160 acres.

## **INCREASE IN NDVI AND VIGOR**



Terrasym VT NDVI untreated vs treated





Terrasym VT improved plant vigor

Performance may vary from location to location and from year to year as local soil, climate and/or other conditions change. Always read and follow label directions.

Check state registration to make sure product is registered in your state.