



Healthy seedlings,
Hearty plants,
Happy customers

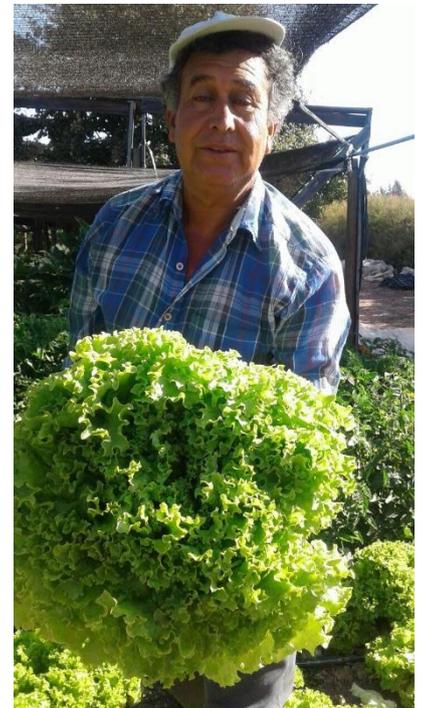
The Benefits of Mycorrhizae

Mycorrhizal fungi are microorganisms that are prevalent in natural soil. They latch onto plant roots, creating a symbiotic relationship, extending the roots and helping them access unavailable nutrients. The Rootella® series of mycorrhizal inoculants restores the mycorrhizal balance that has been depleted in many soils due to modern farming techniques, providing numerous benefits to farmers including yield increase, resilience to stress, and fertilizer savings. Rootella® is suitable for use in organic farming according to USDA National Organic Program (NOP) and European regulations (EC 834/2007). Rootella® mycorrhizal inoculants are advantageous for growing produce such as tomatoes, cucumbers, peppers, strawberries, zucchini, lettuce, eggplants, and melons.

Healthy Seedlings

When applying Rootella® to seedlings, the earlier the better. Rootella® G, a granular product generally used in nurseries, can be mixed into most growing media and incorporated in seedling plugs, trays or containers. Nursery trial data confirm that Rootella® G is the right choice for your plants.

- Rootella® G was applied in 2017 at five different processing tomato farms throughout Israel (Yaen, Sde Yoav, Yisrael, Nir David and Deganya), each site over 2 hectares in size. In all five commercial trials, treated plots yielded 8-19% higher than untreated plots (see graph on following page).
- In another Rootella® G trial with cucumbers in southern Israel, yields increased 8.6% on average over two sites (Bashari Farms and Shorashim Nurseries).

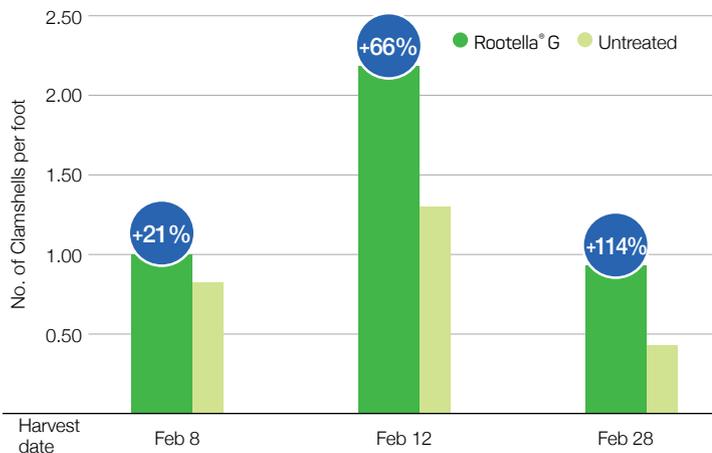


Bountiful lettuce from a successful produce trial in the Quillota region of Chile. Rootella® positively affected the growth rate of lettuce, accelerating harvest time by almost 25%.

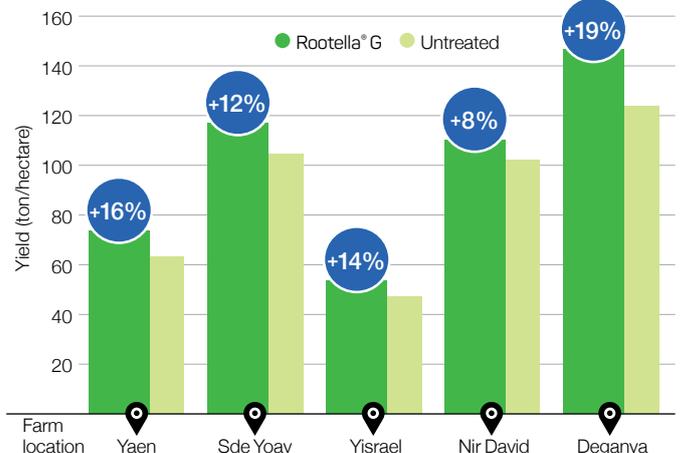
“We’ve decided to recommend Rootella® to all of our tomato growers this year, after witnessing phenomenal yield improvement results in last year’s extensive trials, over several locations.”

Danny Mizrav, Professional Agronomist and Certified Crop Advisor





Commercial Rootella® G trial at strawberry farm (Florida, USA in 2019)
All three harvests measured showed impressive yield increases.



Processing Tomatoes (Israel, 2017)
Rootella® G treatment, 2 hectares (5 acres) per location.

Hearty Plants

There are several ways to apply Rootella® on fruit and vegetable plants:

Application Method	Product	Additional information
Nursery media mix	Rootella® G	Mix in growing media before planting
Drip irrigation	Rootella® X	Highly-concentrated wettable powder
Transplantation	Rootella® P	Use either as a root ball coating or directly in the planting hole
Other	Rootella® products can also be applied in-furrow or as a seed treatment	

Happy Customers

Rootella® products improve plant nutrient uptake, allowing produce growers to enjoy higher yields and better fruit quality using an organic biological product. This will surely put a smile on your customers' faces!



Strawberries (Israel, 2017) After a hail storm ravaged Israel, at harvest Rootella®-treated strawberry plants (left), showed higher resilience and less damage in comparison to non-treated controls.

To find out which Rootella® product is right for your nursery or farm please contact us.



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