

Turnips with Vitazyme application

Researcher: Rajnish Khanna, Ph.D.

Research organization: i-Cultiver,
Manteca, California

Location: USDA Plant Gene Expression Center,
Albany, California

Variety: unknown

Growth media: Sunshine Mix #1 (Sungro
Horticulture)

Experimental design: A greenhouse trial was established using 4-gallon pots, to compare the effects of Vitazyme on root weight compared with untreated controls. Ten pots were used for each treatment.

① Control ② Vitazyme

Fertilization: Peters Professional 20-20-20 water soluble fertilizer applied at 1:64 dilution each week

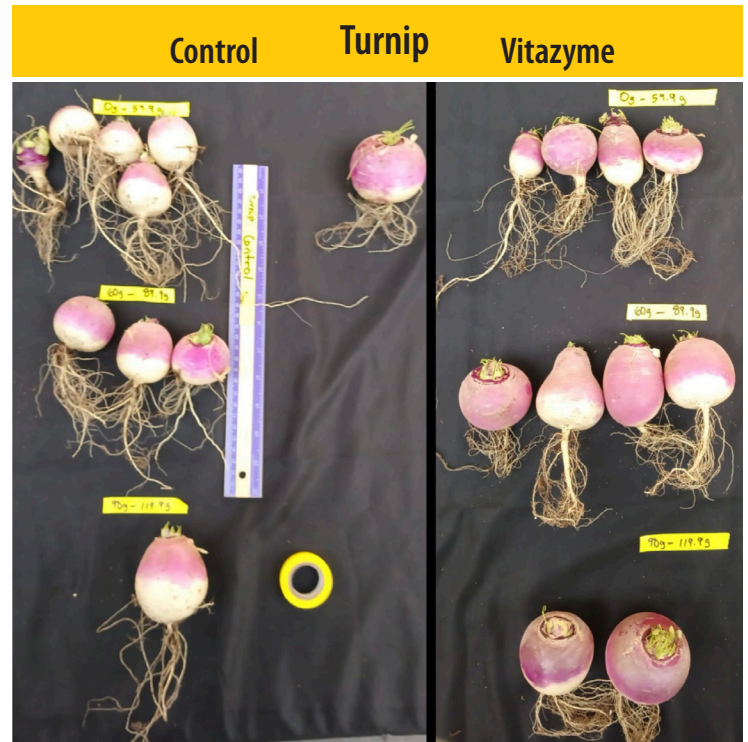
Vitazyme application: a 1% Vitazyme solution sprayed on the leaves and soil, to the dripping point, every 14 days beginning at the four-leaf stage until flowering or harvest

Disease control: Floramite and Decathlon at 0.25 tsp/gal, sprayed at 1-2 gal/100 plants

Yield results: The roots in each pot were weighed, and totaled for both treatments.

*Increase in Turnip root weight
with Vitazyme: 64.3 g (+ 10%)*

Conclusions: This greenhouse pot trial with turnips, using Vitazyme every 14 days, showed that the fresh weight of the roots was increased by 10%, or 6.4 grams per plant.



Turnips responded well to Vitazyme application in this California trial, increasing by 10% in fresh weight

