

# Turnips with Vitazyme application

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**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

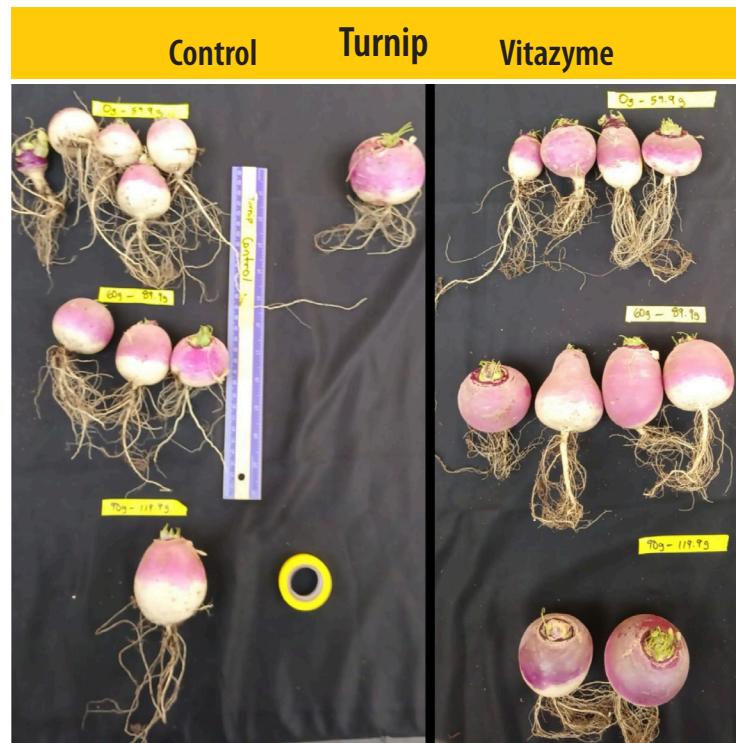
**Vitazyme application:** a 1% Vitazyme solution sprayed on the leaves and soil, to the dripping point, every 14 days beginning at the four-leaf stage until flowering or harvest

**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

## Turnip Root Weight

