

Lettuce - replicated trial

Vitazyme & Actinobact improve early lettuce root (26%) & top growth (11%)

Vitazyme & Actinobact Replicated Trial

Control: Grower's Program
 Vitazyme: Drench - 1% solution; 5ml Vitazyme /tray
 Actinobact: Drench - 50g/100L; 0.5ml Actinobact/tray
 Actinobact & Vitazyme: Drench - 0.5ml Actinobact & 5ml Vitazyme

Program Treatments (3 replicates)

Trays treated once with 500ml solution, drenched onto each tray (7 days after seeding).

Trays - 144 cells (12x12); 25ml per cell

Monitoring

Fresh Weight: roots & tops (38 days after seeding)
 Dry Weight: roots & tops (38 days after seeding)

Results

Vitazyme promoted early root growth; Actinobact increased early root & shoot growth. Actinobact & Vitazyme combined provided the best growth - 26% increase in root growth, 11% increase in top growth. Plants from the combined Actinobact & Vitazyme treatment were re-treated and transplanted on the day of measurement.

The treated plants continued to grow away from the untreated (see photo below right).



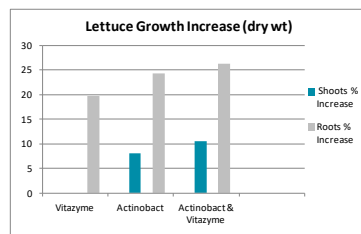
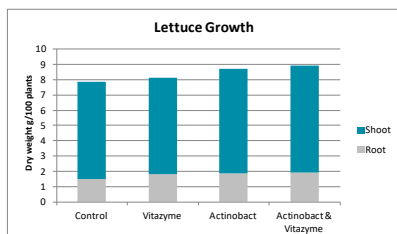
The trial site - lettuce



Seedlings - 38 days after seeding



Lettuce - 21 days after transplant; retreated prior to transplant



Improved early lettuce growth with Vitazyme & Actinobact.
 Combined treatments improved total growth by 14%
 Root increase by 26%; leaf increase by 11%

Replicated Trial : Australian Data : Production Nursery