

Vital Earth Resources

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2003 Crop Results

Vitazyme on Lettuce

Researcher/Grower: Wes Buckler

Location: Winnsboro, Texas

Variety: oak leaf lettuce

Growth medium: hydroponic, with foam cubes

Growth system: Nutrient water is cycled through pipes having cut-outs on 6 or 8-inch centers, in which the foam cubes with plants are placed.

Experimental design: A greenhouse with hydroponic tubes was situated with lettuce, and one portion was treated with Vitazyme.

1. Control

2. Vitazyme

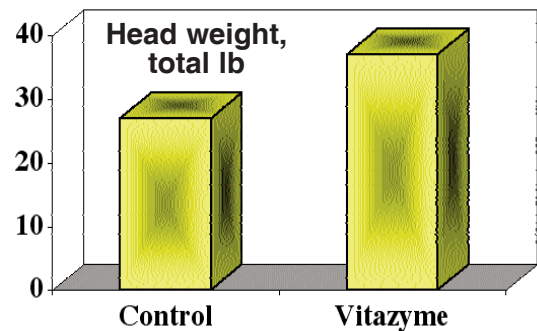
Fertilization: a macro and micronutrient soluble formula in the circulating water

Vitazyme application: a 1% Vitazyme solution sprayed to the dripping point each week

Yield results: The same number of mature heads were harvested from an identical set of pipes for both treatments, and the heads were weighed.

Treatment	Head weight	Change
	total lb	lb
Control	27	—
Vitazyme	37	+10 (+37%)

Increase with Vitazyme: 37%



Conclusions: Vitazyme proved to be a remarkably effective stimulator of growth in this greenhouse hydroponic study when the product was regularly applied to the leaves.