

Vital Earth Resources

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2009 Crop Results

Vitazyme on Water Morning Glory

Researcher: unknown
City, Viet Nam

Location: Tan Phu Trung Commune, Cu Chi District, Ho Chi Minh

Variety: unknown

Soil type: unknown

Planting date: March, 2009

Experimental design: A field of water morning glory was divided into two parts: an untreated control, and a Vitazyme treated area. The purpose of the trial was to evaluate the efficacy of Vitazyme to improve crop growth and yield.

1. Control

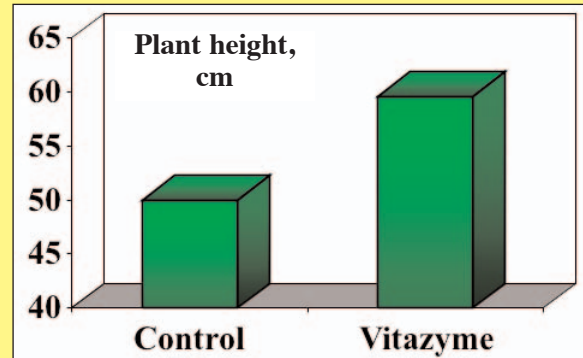
2. Vitazyme twice

Fertilization: unknown

Vitazyme application: Two applications were made of a 0.1% solution, with 500 liters/ha sprayed over the crop (0.5 liter/ha), first at 7 and 14 days after planting, and second at 7 to 10 days before harvest.

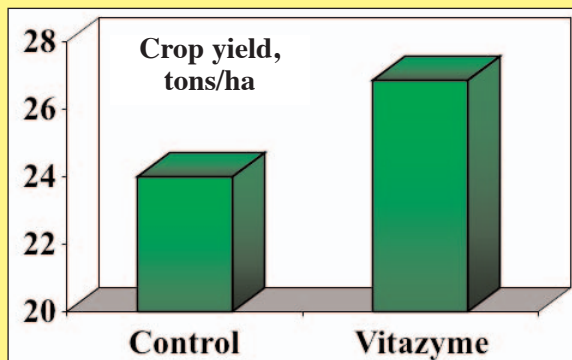
Height results: At harvest time the average plant height was determined for each treatment

Treatment	Plant height	Height change
	cm	cm
Control	50.0	—
Vitazyme	59.6	9.6 (+19%)



**Increase in plant height with
Vitazyme: 19%**

Yield results: The crop was harvested in April of 2009.



Treatment	Crop yield	Yield change
	tons/ha	tons/ha
Control	24.00	—
Vitazyme	26.87	2.87 (+12%)

**Increase in yield with Vitazyme:
12%**

Conclusions: This study on water morning glory in Viet Nam proved that Vitazyme, applied a week or two after planting and again 7 to 10 days before harvest, increased not only plant height (19%), but yield as well, by 2.87 tons/ha (12%). The product's active agents have been shown to greatly stimulate the growth and yield of this widely used vegetable in this Southeastern Asian country.