

Vital Earth Resources

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2013 Crop Results

Vitazyme on Mums

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Location: Santa Ana, Tenancingo, Mexico

Variety: Hartman

Experimental design: A greenhouse with mums was treated with Vitazyme on a bed, and results were compared to previous yields. Applications were made on a regular basis to evaluate the effect of the product on cuttings for propagation.

1. Control

2. Vitazyme

Fertilization: A potassium product was applied to promote better stem thickness.

Vitazyme application: (1) 350 ml/70 liters of water (0.5%) on the leaves; (2) 52.5 ml/liter of water (5.25%)

Growth results: In October of 2012, observations showed that Vitazyme made significant improvements:

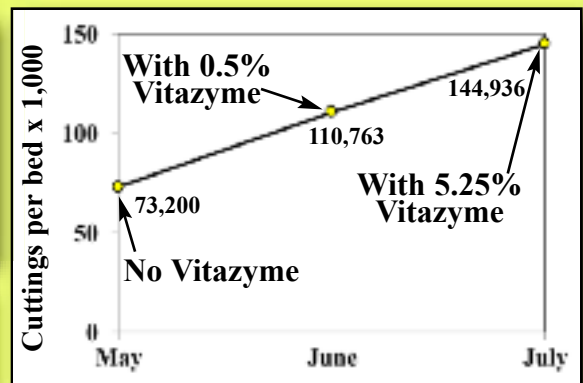
- Better overall growth and yield of stems and leaves
- Faster growth rate

Yield results: Thirty day intervals were analyzed

Treatment	May yield	June yield*	July yield*
	----- cuttings/ha -----		
Control	73,200	(73,200)	(73,200)
Vitazyme	—	110,763 (+51%)	144,936 (+98%)

*Comparisons are made with data from the same bed in May before treatment.

**Cutting increases with Vitazyme:
51 to 98%**



Conclusions: Mums treated with either a 0.5% or 5.25% Vitazyme solution in a greenhouse setting in Mexico showed a great response, in terms of growth vigor and cutting production. Increases were 51% after one month and 98% after two months. The use of Vitazyme for mum cutting production is highly recommended.