Kale *with Vitazyme application*

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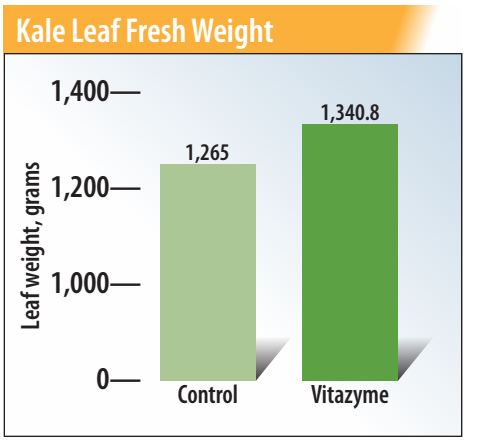
Location: USDA/Plant Gene Expression Center, Albany, California ***Variety:*** unknown
Planting date: September 1, 2024 ***Potting Soil:*** Sunshine Mix #1 (Sungro Horticulture) ***Pot size:*** 3 gal tall
Experimental design: A small greenhouse trial, with eight plants per treatment, was set up to evaluate the effect of Vitazyme biostimulant on the growth of kale plants.

1 ***Control*** **2** ***Vitazyme***

Fertilization: Peters 20-20-20 water soluble fertilizer at 1:64 ppm, once per week
Vitazyme applications: 1:100 dilution on the leaves to the dripping point, and to the soil, every two weeks
Kale harvest results: The kale plants were harvested on December 23, and the leaves for both treatments were weighed.

Treatment	Leaf weight[1]	Weight change
	grams	grams
1. Control	1,265.0 b	—
2. Vitazyme	1,340.8 a	75.8 (+6%)

[1]Total of eight plants, fresh weight. The mean weight of the treated plants (a) is significantly greater than the control plants (b) at P = 0.18.



Conclusions: A small-pot greenhouse kale trial, which compared an untreated control with a Vitazyme treatment (1% solution every two weeks), revealed a fresh leaf weight increase of 6% with Vitazyme. This increase was significant at P = .18.