

Spinach with Vitazyme application

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Location: Campo La Aventura, Puebla, Mexico

Variety: unknown

Planting date: April 28, 2015

Experimental design: A 1 hectare spinach field was divided into equal parts of Vitazyme treated and untreated, to determine the effect of the product on spinach yield and profitability.

① Control ② Vitazyme

Fertilization: unknown

Vitazyme application: 1 liter/ha sprayed on the leaves and soil 15 days after planting, on May 13, 2015

Harvest dates: June 17 and June 25, 2015, 50 and 58 days after planting

Yield results: (See the table and chart to the right)

Crop observations: At harvest, the Vitazyme treated crop was superior to the control in the following ways:

- Leaves and plants were larger.
- The leaf color was a richer, deeper green.
- Hardly any insect damage was noted, whereas the control spinach had slight damage.

Treatment	Yield ¹ cases/ha	Yield change cases/ha
Control	700	—
Vitazyme	1,020	320 (+46%)

¹There cases were delivered to Wal-Mart. A case has 24 bunches of 5 cm diameter each.

Increase in spinach yield with Vitazyme: 46%

Profitability results:

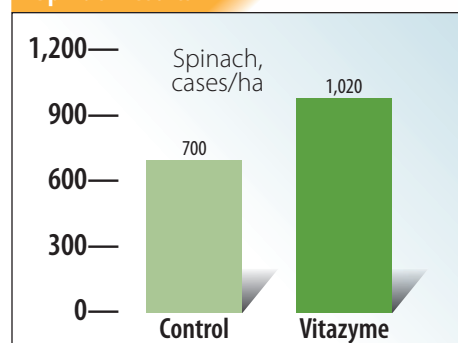
Treatment	Yield cases/ha	Gross income ¹ USD/ha	Vitazyme cost USD/ha	Net return USD/ha	Increased return USD/ha	Cost : Benefit
Control	700	3,269.00	—	3,269.00	—	—
Vitazyme	1,020	4,763.40	33.33	4,730.07	1,461.07	43.8

¹One case sold for 4.67 USD.

Increased return with Vitazyme: 1,461.07 USD/ha

Cost : Benefit with Vitazyme: 43.8

Spinach results



Conclusion: This spinach study in Mexico revealed that only a single Vitazyme application, at 1 liter/ha 15 days after planting, increased the yield a remarkable 46%. This yield increase resulted in a 1,461.07 USD/ha improvement, which followed from a cost : benefit of about 44 : 1. Such results prove the great viability of the Vitazyme program for spinach and similar leaf crops in Mexico .