



Raspberries with Vitazyme application



The untreated raspberries lacked the size, quality, and numbers that the treated berries had.



Vitazyme treated raspberries in this Mexican trial show good size and quality, and superior numbers, compared to the untreated control berries.

Researchers : agronomists from Quimica Lucava.

Research Organization: Quimica Lucava

Location: Quina Farm, Irapuato, Guanajuato, Mexico

Variety: Unknown

Initiation of trial: December 15, 2015

Experimental design: A 1 hectare area of a raspberry planting, under plastic cover, was treated with Vitazyme three times to discover the effect of this product on the growth and yield of fruit.

Fertilization: unknown

Vitazyme application: three foliar spray treatments of 1 liter/ha each time, on December 15, 2015, and January 20 and February 11, 2016.

Growth results: There was a marked increase in the number of fruits per plant of the treated plants: about 6 to 9 more per plant. This difference in fruit load was very obvious.

Yield results:

| Treatment | Cases picked ¹ | Yield | Yield change | Harvest waste/loss |
|-----------|---------------------------|-------|--------------|--------------------|
| | cases/ha | kg/ha | kg/ha | kg/ha |
| Control | 189 | 378 | — | 16.0 |
| Vitazyme | 205 | 410 | 32 (+9%) | 13.6 (-15%) |

¹Average case weight = 2 kg.

Conclusions: A raspberry trial in Mexico, having three Vitazyme applications over a three-month period, revealed that this product greatly improved berry set and final yield, by 9% above the untreated control. Moreover, the wasted berries at harvest were 15% less with the Vitazyme treatment, showing that the cell wall strength of the fruit was greater, and the overall condition of the fruit was improved. This program is shown to be highly viable for raspberry growers in Mexico.

Vital Earth Resources

706 East Broadway, Gladewater, Texas 75647
(903) 845-2163 FAX: (903) 845-2262

2013 Crop Results

Vitazyme on Raspberries

Researchers: Eng. Agustin Medinilla, Jr., and Juan Carlos Diaz, Ph.D. Farmer: Eng. Augustin Medinilla, Fortuna Farm

Location: Tlajomuko de. Zuniga Municipality, Jalisco, Mexico

Variety: Himbo Tob

Soil type: sandy

Planting date: June 26, 2012

Experimental design: Several tunnels of raspberries, totalling 5,000 m², were treated with Vitazyme, while a single untreated tunnel (540 m²) served as a control. The objective of the study was to evaluate the effect of the product on growth and yield of the raspberries.

1. Control

2. Vitazyme

Fertilization: unknown

Vitazyme application: 0.75 liter/ha applied twice, using a sprayer having 300 ml in 200 liters of water, at 500 ml/ha

Pesticides applications: Diazinon sulfur, and Neem extract sprayed weekly for insect and disease control

Growth observations: **Vitazyme treated plants grew larger and faster, with more fruit set.**