

Trial EcoVigor: trial in carnations

Product: EcoVigor Crop: Carnations var. Vanessa & Kessem

Trial setting: Location: Commercial plantation Colombia

Objective

Increase production and quality

Methods

Eight beds of carnations var. Vanessa and eight beds of carnations var. Kessem were used for the trial. Half of the beds for each variety were treated with EcoVigor/EcoNutrient, while the other half of the beds was used as control. All plants were 30 weeks old when the trial started. No fungicides were applied to EcoVigor treated plants. The trial was run for 6 weeks.

EcoVigor (50 ml) and EcoNutrient (50 gr) were dissolved in 15 liters of water and applied by drench to each treated bed at the beginning of the trial. Every two weeks, maintenance doses of EcoVigor (10 ml) and EcoNutrient (10 gr) were dissolved in 15 liters of water and applied to each treated bed.

The number of flowers harvested and their weight was determined during a 6 weeks period.

Results

The flowers were sorted in three categories depending on the size of the stem (50, 55 and 60 cm long).

Treatment	Length of stems	Number of flowers	Weight of flowers
Control	50	261	263
	55	210	301
	60	335	373
Total		806	
EcoVigor	50	236	307
	55	246	362
	60	651	450
Total		1,133	

The application of EcoVigor during the 6 weeks trial period increased the total yield from 806 flowers (Control plants) to 1,133 flowers (Treated plants), representing a yield increase of 40%.

The quality of the produced flowers increased with EcoVigor, with 94% more flowers in the 60 cm stems, and 17% more flowers in the 55 cm stems over control plants.

The weight of EcoVigor treated flowers was higher than in controls plants in all stem length categories, from 16% in the 50 cm stems to 20% in both, 55 and 60 cm stems.

EcoMicrobials 7003 N Waterway Drive, Unit 214 Miami, FL 33155 Phone: 305 4206633 – Fax: 305 5729020 www.ecomicrobials.com info@ecomicrobials.com