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2013 Crop Results

Vitazyme on Mums

Researcher: Alejandro Reyes
Location: Santa Ana, Tenancingo, Mexico
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.

Farmer: Ubaldo Martinez, Plantamar
Variety: Hartman

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

2. Vitazyme
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

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.

<table>
<thead>
<tr>
<th>Treatment</th>
<th>May yield</th>
<th>June yield*</th>
<th>July yield*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>73,200</td>
<td>(73,200)</td>
<td>(73,200)</td>
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<tr>
<td>Vitazyme</td>
<td>—</td>
<td>110,763 (+51%)</td>
<td>144,936 (+98%)</td>
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*Comparisons are made with data from the same bed in May before treatment.