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2009 Crop Results

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Vitazyme on Water Morning Glory

Researcher: unknown
Location: Tan Phu Trung Commune, Cu Chi District, Ho Chi Minh City, Viet Nam
Variety: unknown
Soil type: unknown

Planting date: March, 2009
Experimental design: A field of water morning glory was divided into two parts: an untreated control, and a Vitazyme treated area. The purpose of the trial was to evaluate the efficacy of Vitazyme to improve crop growth and yield.

1. Control
2. Vitazyme twice

Fertilization: unknown
Vitazyme application: Two applications were made of a 0.1% solution, with 500 liters/ha sprayed over the crop (0.5 liter/ha), first at 7 and 14 days after planting, and second at 7 to 10 days before harvest.

Height results: At harvest time the average plant height was determined for each treatment

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Plant height</th>
<th>Height change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>50.0</td>
<td></td>
</tr>
<tr>
<td>Vitazyme</td>
<td>59.6</td>
<td>9.6 (+19%)</td>
</tr>
</tbody>
</table>

Increase in plant height with Vitazyme: 19%

Yield results: The crop was harvested in April of 2009.

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Crop yield</th>
<th>Yield change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>24.00</td>
<td></td>
</tr>
<tr>
<td>Vitazyme</td>
<td>26.87</td>
<td>2.87 (+12%)</td>
</tr>
</tbody>
</table>

Increase in yield with Vitazyme: 12%

Conclusions: This study on water morning glory in Viet Nam proved that Vitazyme, applied a week or two after planting and again 7 to 10 days before harvest, increased not only plant height (19%), but yield as well, by 2.87 tons/ha (12%). The product’s active agents have been show to greatly stimulate the growth and yield of this widely used vegetable in this Southeastern Asian country.