Vital Earth Resources
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**2013 Crop Results**

**Vitazyme on Cilantro**

**Researcher:** Israel Calva Pali  
**Farmer:** Adolfo Camarillo Flowers  
**Location:** Palmarito, Puebla, Mexico  
**Variety:** unknown  
**Experimental design:** A small parcel of a cilantro field, two rows wide by 30 meters long, was sprayed with Vitazyme to evaluate the effects of the product on crop yield and characteristics.  
1. Control  
2. Vitazyme  

**Fertilization:** unknown  
**Vitazyme application:** 1 liter/ha applied 12 days after crop emergence on a small strip of the field (65 ml of Vitazyme in 1.5 liters of water)  
**Growth results:** An assessment in September of 2012 revealed that the Vitazyme treatment produced darker green leaves (more chlorophyll) and denser, more numerous leaves than the untreated plants alongside.  
**Yield results:** Harvest date is unknown, but results were as follows:

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Crop harvested</th>
<th>Yield change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>34.2 bunches</td>
<td>—</td>
</tr>
<tr>
<td>Vitazyme</td>
<td>44.4 bunches</td>
<td>10.2 (+30%)</td>
</tr>
</tbody>
</table>

**Increase in yield with Vitazyme: 30%**

**Conclusions:** A cilantro demonstration study in Mexico revealed that Vitazyme improved growthiness and color (chlorophyll) of the plants, giving rise to a 30% increase in yield. This result shows the usefulness of the program for cilantro production in Mexico.