**2009 Crop Results**

**Vitazyme on Olives**

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**Research Organization:** Society of Agriculture San Jorge Ltda, Santa Sara, Chile  
**Varieties:** Arbequina and Arbosana  
**Soil type:** unknown  
**Planting date:** 2007  
**Experimental design:** A young olive grove of 7.0 hectares was divided into a Vitazyme treated area and a control area to determine the effect of the product on tree growth. This growth was determined by trunk diameter.

1. **Control**  
2. **Vitazyme**

**Fertilizer applications:** unknown  
**Vitazyme applications:**  
1. 1.0 liter/ha on the leaves and soil on November 6, 2008;  
2. 1.0 liter/ha on the leaves and soil on December 15, 2008.

### Trunk Diameter Change

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</thead>
<tbody>
<tr>
<td><strong>Control</strong></td>
<td>11.38 cm</td>
<td>12.75</td>
<td>12.99</td>
<td>13.84</td>
<td>2.46 (22%)</td>
<td>11.84 cm</td>
<td>13.26</td>
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<tr>
<td><strong>Vitazyme</strong></td>
<td>8.68 (+9%)</td>
<td>9.47 (+12%)</td>
<td>10.62 (+5%)</td>
<td>11.12 (+28%)</td>
<td>2.44</td>
<td>10.56 (+9%)</td>
<td>11.48 (+7%)</td>
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**Arbosana Olives**  
**Arbequina Olives**

### Trunk Diameter Change

- **Control**  
- **Vitazyme**

![Graph of Trunk Diameter Change](image_url)
Conclusions: When Vitazyme was applied twice to olives at 1 liter/ha each time, the increase in trunk diameter with this product compared to the untreated control was 6% for Arbosana olives and 3% for Arbequina olives. These results show that Vitazyme is able to substantially improve olive growth and maturation in the Chilean environment.