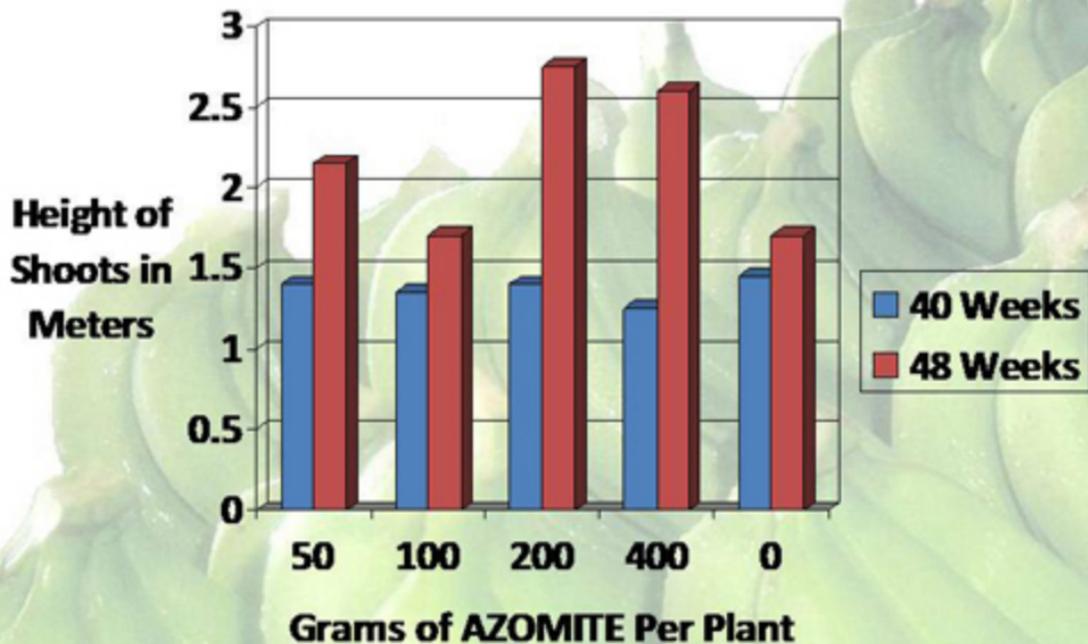




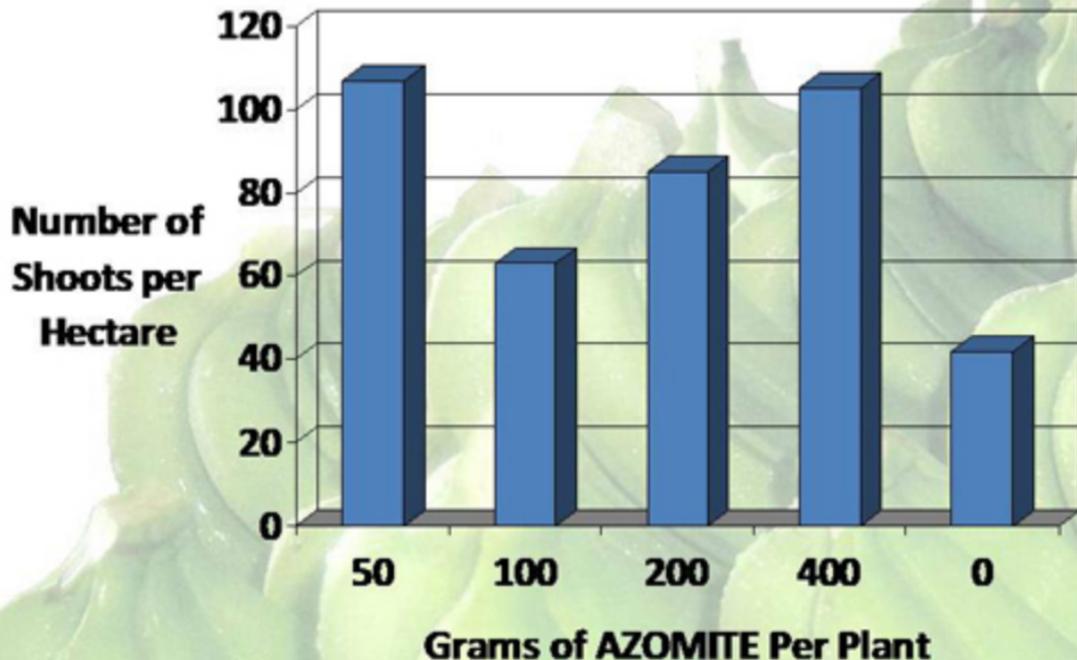
# **AZOMITE® BANANAS - ECUADOR**

Eduardo Martillo

# Bolivar Plantation: Height of (Suckers) Shoots (m)



# Bolivar Plantation: Number of (Suckers) Shoots per Hectare



# Locuras Plantation – Plant & leaf stem (shaft) height Oct 08 to Feb 09

## Treatment

Grams per plant

Treatment	Plant Height		Leaf Stems	
	[cm]	Change	[cm]	Change
<b>AZOMITE® 50 g/pl</b>	245.8	<b>53</b>	57.4	<b>14</b>
<b>AZOMITE® 100 g/pl</b>	222.6	<b>30</b>	51.8	<b>9</b>
<b>AZOMITE® 200 g/pl</b>	211.2	<b>19</b>	50.6	<b>8</b>
<b>AZOMITE® 400 g/pl</b>	219.1	<b>27</b>	50.6	<b>8</b>
<b>CONTROL</b>	192.4	<b>0</b>	43.1	<b>0</b>

# Locuras Plantation – Black Sigatura – Oct 08 to Feb 09

Treatment	Leaf	Leaf	Leaf	Change
	Count*	Count*	Count*	
Grams per plant	2 Weeks	2 Months	4 Months	
<b>AZOMITE® 50 g/pl</b>	6.4	10.4	12.6	<b>3.0</b>
<b>AZOMITE® 100 g/pl</b>	5.4	10.8	11.4	<b>1.8</b>
<b>AZOMITE® 200 g/pl</b>	5.2	10.8	11.4	<b>1.8</b>
<b>AZOMITE® 400 g/pl</b>	5.2	10.5	12.5	<b>2.9</b>
<b>CONTROL</b>	5.2	9.4	9.6	<b>0.0</b>

\* Number of Viable Leaves



PHOTO 1: Control. Plant shoots. Untreated. Not showing normal growth.



PHOTO 2: Shoots growing after application of AZOMITE®. Taller and thicker.



PHOTO 3: AZOMITE® treated shoots growing. Large distance between leaf stems.

# Preliminary Conclusions

- The best dose of AZOMITE® is 50 gms per plant (75 kg/ha).
- This helps the growth of the suckers (shoots). (When a plant flowers, the shoot must be at least 1.5 meters high.)
- AZOMITE® accelerates plant flowering. (There are more plants per hectare with banana clusters at 0, 1 and 2 weeks of growth.)
- For this reason there is a decrease in the time between harvests in the same location (region of cultivation), and ratooning is improved.
- Helps to control Black Sigatoka (*Mycosphaerella fijiensis*). There are 3 more leaves than the control at an AZOMITE® dose level of 50 gms per plant.