Country Visited: India

Dates of Travel: 25 Jan-3rd February 2013

Travelers’ Names and Affiliations: Mr. Michael Kwabena Osei, CSIR-Crops Research Institute

**Purpose of Trip:**

To participate in an international workshop on the “The Production of Bio control Agents (Pseudomonas and Trichoderma)”. The purpose of the workshop was to expose the IPM CRSP host country scientists on the Mass Production of Biocontrol agents, their effective utilization in vegetable IPM and develop collaboration among the scientists working in this area globally.

Sites Visited: Tamil Nadu Agricultural University, Coimbatore

Stanes Bio control Company, Coimbatore

**Description of Activities/Observations:**

Series of lectures and practical on mass production of Trichoderma and Pseudomonas were given during this workshop. Discussions focused on the significant role of Trichoderma and Pseudomonas, especially in the control of fungi diseases on vegetable crops. Representatives of the participating countries also gave PowerPoint presentation on the overview of bio control in their respective countries. It was also an opportunity for IPM CRSP Collaborators to chat with host country representative. Participants visited some companies in Coimbatore, India who work on bio control agents.
Suggestions, Recommendations, and/or Follow-up Items:

- Some lessons/ideas of interest to CSIR and how they can benefit CSIR are as follows:
  - Mass production of *Trichoderma* and *Pseudomonas* bio-control agents
  - Eye opener on the use of Trichoderma and Pseudomonas as bio control agents for the control of fungi diseases on vegetable crops

- These ideas or lessons will help me to implement a good IPM package for Ghana as far as Tomato and Cabbage IPM CRSP in Ghana are concerned thereby contributing the mission and vision of CSIR.

- Since this is new in Ghana, the bio-control agents should first be tested in Ghana on station and on farm trials before commencement of mass production is done.

List of Contacts Made:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title/Organization</th>
<th>Contact Info (address, phone, email)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. T. Raguchander</td>
<td>TAMIL, India</td>
<td><a href="mailto:raguchander@rediffmail.com">raguchander@rediffmail.com</a></td>
</tr>
<tr>
<td>Prof. Gandhi Karthikeyan</td>
<td>TAMIL, India</td>
<td><a href="mailto:Agrikarthi2003@yahoo.com">Agrikarthi2003@yahoo.com</a></td>
</tr>
<tr>
<td>Prof. R. Viswanathan</td>
<td>Sugar breeding Institute, ICAR</td>
<td><a href="mailto:sugaris@vsnl.com">sugaris@vsnl.com</a></td>
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