Country Visited: UGANDA

Dates of Travel: 7-11 JULY 2014

Travelers Names and Affiliations: PETER SSERUWAGI, PHD

Purpose of Trip: TO ATTEND THE IPM-IL WORKSHOP AND PRESENT A PAPER ON GENETIC DIVERSITY OF TOMATO VIRUSES IN TANZANIA AND DEVELOPMENT OF DIAGNOSTIC PRIMERS.

Sites Visited: ENTEBBE, MAKERERE UNIVERSITY

Description of Activities/Observations:
- Presented a paper entitled: ‘Genetic diversity of viruses infecting tomato in Tanzania’. The paper describes results of molecular analysis of the virus isolates collected from major tomato growing areas of Tanzania.
- Presented also was an update on capacity-building in molecular diagnostics and development of diagnostic primers by Mr. Deo Protas, a Tanzania staff of Sokoine University of Agriculture (SUA), who is currently attached to OARDC/MCIC, Ohio University, under the supervision of Dr. Tea Meulia.
- A report was made of the failure to obtain funds for virus works in East Africa from Dr. Sue Tolin (Virginia Tech, USA) the Virus Global Theme Leader.
- It was observed that tomato farmers in Tanzania could benefit from IPDM strategies developed from research conducted in Uganda such as: protected seedlings production to reduce on early seedlings infections in the nursery.
- I interacted with Dr. Mildred Ssemakula, Dr. Jeninah Karungi and Dr. Mark Erbaugh to discuss activity progress and student research and results write-up.

Training Activities Conducted

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<tr>
<th>Program type (workshop, seminar, field day, short course, etc.)</th>
<th>Date</th>
<th>Audience</th>
<th>Number of Participants</th>
<th>Training Provider (US university, host country institution, etc.)</th>
<th>Training Objective</th>
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<tbody>
<tr>
<td>Workshop</td>
<td>8-10 July 2014</td>
<td>IPM-IL USA and East</td>
<td>1 1</td>
<td>Sokoine University of Agriculture, Tanzania and OARDC/MCIC, Ohio</td>
<td>Develop diagnostic primers to detect tomato</td>
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Suggestions, Recommendations, and/or Follow-up Items:

- In order to raise funds to support the completion of IPM strategies for virus management in EA, it was recommended that I raise a budget for research that could be completed by 31st September 2014 to be submitted to Dr. Sue Tolin with a copy to Dr. Muniapan and Prof. Samuel Kyamanywa not later than end of July 2014.
- One manuscript on diversity of tomato-infecting viruses in Tanzania is currently under development. We also hope to write another manuscript on diagnostics primers for detection of DNA tomato-infecting viruses from the works of Mr. Deo Protas.
- Development of manuscript for submission to referred journals for Ms. Robinah Atukunda the MSc. student working on Passion fruit virus disease management at Makerere University.

List of Contacts Made: (N/A).
- No new contacts made.

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<tr>
<th>Name</th>
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