

IPM CRSP Trip Report

Country Visited: India

Dates of Travel: July 8 – 14, 2012

Traveler's Name and Affiliation:

Dewi Sartiami (Division of Entomology, Department of Plant Protection, Bogor Agricultural University - Indonesia)

Purpose of Trip: To attend International Plant Virology Symposium

Sites Visited: Coimbatore and Ooty

Description of Activities/Observations:

Sunday, July 8

Left Jakarta in the afternoon, arrived at Coimbatore in the same day at midnight

Monday, July 9

Stayed in Residence Hotel, Coimbatore

Tuesday, July 10

Attending Opening Ceremony of International Plant Virology Symposium at TNAU - Hall

Attending **session 1** of the symposium:

- An overview of IPM CRSP and objectives of the symposium -
R. Muniappan
- Perspective on the direction of research, extension and education in plant pathology: current and future - John Sherwood
- Molecular aspects of plant viruses - Michael Goodin

Attending **session 2** of the symposium:

- Vectors of plant virus diseases (Whitefly) - Cristina Rosa
- Management of plant virus diseases - Scott Adkins

Attending **session 3** of the symposium:

- Basic research in virology in Indian universities - G. Karthikeyan
- Applied research in virology in Indian universities - V. Muniyappa
- Research on insect vectors (Thrips and Aphids) -N.K. Khrisna Kumar
- Role of Krishni Vignan Kendra in management of virus diseases -Asokan
- Role of plant clinics in diagnosing and recommending the appropriate management strategies for virus diseases - Malvika Chaudhary
- USDA Aphis programs in India - Marc Gilkey

Attending symposium dinner at Residence Hotel

Wednesday, July 11

Attending **session 1** of the symposium:

- Virus diseases of vegetable crops in the IPM CRSP host countries (Bangladesh, India, Indonesia, Ghana, Senegal, Tanzania, Uganda)
- Presenting paper 1 (Sri Henrdastuti): Virus diseases of vegetable crops in Indonesia
- Presenting paper 2 (Dewi Sartiami): Thrips Associated with Vegetable Crops in West Java

Attending **session 2** of the symposium:

- Panel discussion (N. Rayapati, R. Gilbertson , R. Muniappan, J. Sherwood, N.K. Khrisna Kumar) : International Collaboration

Visiting field research and nurseries to observe seedling production and IPM trial

Thursday, July 12

Field visits to observe virus diseases of tropical hill crops (potato, crucifers, cucurbits and others).

Friday, July 13

Attending **session 1** of the symposium:

- Induced resistance for control of plant viruses – Barry Jacobsen
- Virus diseases of vegetable crops in the IPM CRSP host countries (Latin America : Honduras)

Attending **session 2** of the symposium:

- Coordination in identification of virus diseases : establishment of a coordinated program among all IPM CRSP's host countries especially on identification and management of vegetable virus diseases.

Meeting with Dr. Naidu Rayapati in the afternoon to continue discussion on program planning for our new research.

Suggestions, Recommendations, and/or Follow-up Items:

The symposium has been well organized and in general gave a lot of benefits in terms to widen the knowledges through sharing information and discussion related to virus diseases and the virus vectors. The role of certain insect species i.e. thrips, aphids, and whiteflies as vector of virus diseases should be further studied. Especially for Indonesia, determination of relationship between predominant thrips species and tospovirus infecting vegetable crops is urgent.

List of Contacts Made:

Name	Title/Organization	Contact Info (address, phone, email)
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