

## IPM Innovation Lab Trip Report

<b>Country Visited</b>	India
<b>Dates of Travel</b>	1 – 6 June, 2014
<b>Travelers Names and Affiliations</b>	Sri Hendrastuti Hidayat and Tri Asmira Damayanti, Bogor Agricultural University - Indonesia
<b>Purpose of Trip</b>	To participate in the International Workshop on Seed and Seedling-borne Diseases of Vegetable Crops.
<b>Sites Visited</b>	National Institute of Plant Health Management (NIPHM), Hyderabad, India

### Description of Activities/Observations

Sunday, 1 <sup>st</sup> June	Leave Jakarta at night and arrive at Hyderabad midnight
Monday, 2 <sup>nd</sup> June	<b>Attended Opening Session :</b> <ul style="list-style-type: none"><li>• Welcoming address by Dr. Sathyanarayana, Director of NIPHM;</li><li>• Keynote address by Dr. Muni Muniappan, Director of IPM-IL;</li><li>• Industry perspective by M. Prabhakar RAO, President of NSAI;</li><li>• Special remarks by USAID official, Dr. Srivalli Krishnan;</li><li>• Inaugural address by Dr. Korlapati Satyagipal, Director General of NIPHM</li></ul> <b>Attended Session –I, chaired by Dr. Naidu Rayapati :</b> <ul style="list-style-type: none"><li>• An overview of IPM Innovation Lab and objective of the workshop, by Dr. Muni Muniappan;</li><li>• An overview of seed-borne bacterial diseases by Dr. Robert Gilbertson for Dr. Sally Miller;</li><li>• An overview of seed-borne fungal diseases by Dr. Barry Jacobsen</li></ul> <b>Attended Session – II, chaired by Dr. Muni Muniappan :</b> <ul style="list-style-type: none"><li>• An overview of seed-borne virus and virus-like diseases by Dr. Sue Tolin (Description, detection and diagnosis of virus and virus-like agents causing plant disease in vegetables), Dr. Naidu Rayapati (Dissemination and distribution of plant virus), Dr. Robert Gilbertson (Disease development and impact; Management approach).</li></ul>
Tuesday, 3 <sup>rd</sup> June	<b>Attended Session – III, chaired by Dr. Robert Gilbertson :</b> <ul style="list-style-type: none"><li>• Country specific reports on seed-borne virus diseases by Dr. Sri Hendrastuti Hidayat (Indonesia), Dr. Mohammad Rahman (Bangladesh), Dr. Robert Gilbertson (Africa), Dr. Sue Tolin (America);</li><li>• Seed health regulation by Dr. Sathyanarayana;</li></ul>

- Roundtable discussion about seed treatment, seed tolerance level, quarantine regulation
  - Roundtable discussion on seed-transmitted pathogens of high value vegetable crops, addressed by Dr. Robert Gilbertson for solanaceae, Dr. Sue Tolin for Cucurbitaceae, Dr. Barry Jacobsen for potato, Dr. Naidu Rayapati for malvaceae and Tospovirus
- Wednesday, 4<sup>th</sup> June     **Attended Session – IV, chaired by Dr. Robert Gilbertson :**
- National germplasm programs by Dr. Sarath babu, Principal scientist at NBPGR;
  - Capacity building and other needs by Dr. Sue Tolin
  - NIPHM Capacity Building Initiatives by Dr. Sathyanarayana
  - Closing remarks by Dr. Korlapati Satyagipal, Director General of NIPHM
- Thursday, 5<sup>th</sup> June     Tour to visit NIPHM and ICRISAT facilities, but the delegate from Indonesia could not join the program due to flight schedule back to Jakarta
- Friday, 6<sup>th</sup> June     Leave Hyderabad and arrive in Jakarta in the morning

### List of Contacts Made:

Name	Title/Organization
Dr. Sathyanarayana	Director of NIPHM, Hyderabad, India
Dr. Muni Muniappan	Director of IPM-IL, Virginia Tech University, USA
Dr. Korlapati Satyagipal,	Director General of NIPHM, Hyderabad, India
Dr. Barry Jacobsen	University of Montana
Dr. Sue Tolin	IPVDN coordinator, Virginia Tech University, USA
Dr. Robert Gilbertson	University of California, Davis, USA
Dr. Naidu Rayapati	Washington State University, Prosser, USA
Dr. Muhammad Rahman	Bangladesh Agriculture Research Institute