IPM-CRSP Trip Report

Country visited: USA

Dates of travel: Nov 9-17, 2012

Traveler's name and affiliation: Md. Yousuf Mian
Coordinator, IPM CRSP, Bangladesh Site

Purpose of the trip: To present a paper on "IPM packages for vegetable crops in Bangladesh" in the session entitled "IPM for Horticultural Crops in the Tropical world" during the 60th Annual meeting of the Entomological Society of America at Knoxville, Tennessee, USA, November, 11-14, 2012,

Site visited: IPM CRSP office at Virginia Tech, Blacksburg, Virginia, USA

Description of the activities/observation:

Nov. 9, 2012: I started from Dhaka, Bangladesh at about 2:25 am to attend the symposium on "IPM for Horticultural Crops in the Tropical world" during the 60th Annual meeting of the Entomological Society of America at Knoxville, Tennessee, USA. I arrived at Roanoke airport at about 10.00pm. Dr. R. Muniappan received me and we arrived at Blacksburg, Virginia, at about 11.30 pm. I stayed in a hotel there.

Nov. 10, 2012: Dr. Muni showed me the University of Virginia Tech. campus. In the afternoon I had meeting with Dr. Norton and Dr. Muni. We discuss on the proposed activities of new Associated Award Project.

Nov. 11, 2012: We drove to Knoxville, Tennessee to attend the symposium. I presented my paper on "IPM packages for vegetable crops in Bangladesh" in the symposium.

I also attended the following presentations by different speakers:

(a) An overview of the IPM CRSP. —R. Muniappan
(b) Use of Trichoderma spp., Pseudomonas florescence, and Bacillus spp. in seed and soil treatment.—Barry Jacobsen
(c) Grafting vegetable seeding for soil-borne disease resistance. – Sally Miller
(d) Rouging for control of peanut necrosis virus disease of tomato. – Naidu Rayapati
Nov 12, 2012: Attended the following presentations:

(a) Learning session: Public vs. private funding and the future of IPM. – Bonnie B. Pendleton
(b) Trends of IPM in Southern states: Private and Public IPM related resources and implications for the future. – Charles T. Allen
(c) The future of IPM funding – IPM centers and other non-AFRI NIFA programs.—Thomas O. Holtzer

Nov. 13, 2012: Attended the following presentations:

(a) Management of Tuta absoluta with semiochemicals. – Agenor Mafra-Neto
(b) Common thyme and castor oil plant extract to control tomato leafminer, Tuta absoluta -- Rachid Bouharroud
(c) Insect and plant interaction: Then and now (Honoring Hessian Fly USDA Program) – Jesusa C. Legaspi.

Nov. 14, 2012: Attended the following presentations:

(a) Detecting and managing Tuta absoluta with sex pheromone. – Lyndsie Stoltman
(b) Biological control of Tuta absoluta in Argentina: Studies on indigenous natural enemies as potential bio-control candidates for augmentative releasing and/or conservation. – Maria Gabriela Luna.
(c) Biological control options after establishment of Tuta absoluta in Europe. – Alberto Urbaneja

In the afternoon, Dr. Muni and I left Knoxville for Blacksburg, Virginia. We reached there at night and I stayed in a hotel.

Nov.15, 2012: I went to IPM CRSP Office at Virginia Tech. with Dr. Muni. I met with Dr. Amer Fayad, Zara Short, and several other officers and staff there. At about 10:00am, I left Blacksburg with Dr. Muni. We came to Roanoke airport at about 11:00am. The plane left at 12:45 pm via Charlotte airport and I came to Washington airport at about 5:30pm. Left Washington airport at 9:45 pm

Nov.16, 2012: I reached Doha airport at 6:30 pm and left Doha at 9:20 pm.

Nov. 17, 2012: I reached Dhaka airport at 5:30 am and after completion all air formalities, I reached Joydebpur at 8:30am
Lesson Learned

*Tuta absoluta* has become a serious problem in South America and in some European countries. It has been reported from Iran recently. If it comes in India or Bangladesh, it will create a serious problem for tomato production.

Other activities:

Other than attending the lectures, I read several posters every day.

Lists of contact made:

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