

IPM CRSP Trip Reports

Country(s) Visited: Kenya, Uganda

Dates of Travel: November 29 – December 11, 2009 (Erbaugh)
November 29- December 10, 2009 (Miller)

Travelers Names and Affiliations: Mark Erbaugh & Sally Miller: OSU

Purpose of Trip: 1) To meet with Kenyan counterparts on developing work plans for Phase 4 and IPDL activities in the region and integrating IPDL activities into Phase 4 Regional program; 2) In Uganda, to meet with Regional TC on Phase 4 activities and develop work plans for year 1; meet with IPDL/Africa Food Security Initiative (AFSI) cooperators and new trainee.

Sites Visited: Kampala, Uganda & Nairobi Kenya; USAID/Nairobi

Description of Activities/Observations:

December 1 AM: Meeting at USAID Regional Office.

Candace Buzzard, Director, Regional Economic Growth and Integration Agriculture and Trade and Environment.

Walter Knausenberger, Senior Regional Environmental Officer, CTO, Regional Enhanced Livelihoods for Pastoral Areas (RELPA) Program

Jeff Austin, Sanitary and Phyto-Sanitary Advisor

Hudson Muwamba, Regional Agricultural Program Specialist

Discussion was for 1.5 hours: Discussed new Phase 4 of IPM CRSP Regional Program in East Africa and IPDL Global Theme activities. Good interest shown by Jeff Austin in IPDL Global Theme activities – parallels his own objectives. Candace expressed appreciation for us contacting them. They want to know more about smaller efforts in region, to aid networking and information sharing, so that when they go into planning they know who the partners are.

They said they want to train 200 people in next couple of years but envision training in the region. We discussed the potential for the IPDL Global Theme to provide regional training in diagnostics and Sanitary-Phytosanitary (SPS) issues. Miller suggested that key staff could be trained for an extended period (several weeks to months) in labs of IPDN members in the U.S. or Africa to maximize depth of training. Other options included weeklong, focused training on key diseases and pests of interest in the region.

*Note: S. Miller was contacted upon return to U.S. by the Kenya Plant Health Protection Service (KEPHIS) with a request to train a staff member (with USAID funding) during the summer of 2010 at OSU. Negotiations are underway.

PM: Meeting at KARI/NARL with:

Dr. Kenyua: Plant Pathologist, IPDL coordinator in East Africa

Dr. Ruth Amata: Plant Pathologist and Co-PI on Regional IPM Program

Mrs. Miriam Otipa: Plant Virologist, KARI scientists and IPM CRSP supported PhD student working on passion fruit viruses.

Dr. Douglas Miano, Plant Virologist, newly added team member with PhD from LSU and recently returned to Kenya.

Discussed and developed priorities for integrating IPDL Global Theme into regional program priorities. Following priorities were discussed:

Main Objective: Prioritize disease diagnostic services and training in the region.

Priority 1: Integrate virus diagnostics into the IPDN framework. A) Development of SOPs on viruses and major plant diseases; B) Develop PRAs on vectors, viruses, and other plant diseases.

Priority 2: Develop virus and other disease diagnostic tools and priorities on tomato and passion fruit. For passion fruit: A) develop SOPs and PRAs on major diseases and insects; develop management protocols.

Priority 3: Develop disease ID, diagnostic, and management training programs for extension agents and growers.

Priority 4: Integrate low-cost disease diagnostics by cell phone program

December 2: Fly to Uganda. Met with Dr. George Bigirwa Program Officer, Seed Production and Dissemination, PASS Program – Alliance for Green Revolution. AGRA does not have nor does it intend on developing a horticultural seed program.

December 3: Meeting with Sally Miller, Warren Arinaitwe, Mildred Ochwo on IPDL budget and specifically, Warren's research budget in the Food Security project. There is nothing in Food Security, either Sally or my IPDN budget for the Uganda tomato virus survey. Nevertheless, everyone thinks it is a good idea and needs to be done. Ways of reducing costs were discussed and then alternative sources of funding discussed. Amongst others, we thought that this would be a great activity for the virus global theme to partially support. If they did this same type of macro survey in various IPM CRSP regions would make a very interesting study.

- Worked with Mildred in clearing up Food Security budget.

- S. Miller later met with Fen Beed, IITA and key cooperator in IPDL. IITA staff in Uganda are being transferred to Dar es Salaam Tanzania during the next 6 months, but our collaboration will not be affected.

December 4: Discussed and then set agenda for next week's Technical Committee meeting then made hard copies downtown and picked up numerous viruses.

Miller departed for Miami for US National Plant Diagnostic Network meeting. She was an invited speaker (IPDN: Status and Future; presentation Dec 9) and used the opportunity to network with US diagnosticians and assess interest in participating in the project.

December 5: Made copies of some materials for meetings at print shop in Kampala where my flash-drive picked-up numerous viruses. Viruses wiped-out all folders on my flash-drive. On Saturday went to the faculty and with help of Dr. Mpairwe identified two technicians to retrieve lost folders.

December 6: To Iganga and Mayuge Districts with Godfrey Asea, Cereals Team Leader and plant breeder at NaCCRI; Grace Bakaira, Chairman of the Bakuhekamajja Women's Development Farmers Association; and Mr. Julius Sserumaga, Scientific Officer with Cereals program at NaCCRI.

BWDFFA is a women's community seed production group producing certified maize and rice seed. It has 453 growers of which only 53 are men, who can only be associate members. They grow out and multiply certified seed that they sell to seed companies. Main problems with rice are drought/late rains, birds, termites and grubs – this is upland rice so yellow mottle virus is not an issue. BWDFFA provides training in rice and maize production. They produce about 16 tons of rice per year. Main rice varieties are lines developed from WARDA: Nerica 4, 1, and 10.

Main maize line are OPV Longe 4 & 5. They want to start training farmers on producing hybrids.

December 7: Met with Sam and Beatrice regarding final agenda for meetings and how to handle things like budgets and reporting; brief meeting with Adipala Ekwamu RUFORUM Coordinator and recent winner of OSU International Alumni award. Then met with Dr. Patrick Rubahaiyo and the person who did plant breeding on MT-56. He indicated that in 1990 when he was at OSU, he picked up seed from California, Ohio, North Carolina based on disease resistance not yield. He has breeder notes and thinks he can find them (he is now retired). He said multi-locational trials are not science and certainly not first step. First step should be fingerprinting and finding genes/regions of resistance.

December 8-9: Meeting of TC including Co-PIs from Kenya and Tanzania and other Ugandan Co-PIs (12 women/8men). The main purpose was to draw-up draft Year 1 work plans for Phase 4.

Training/Meeting Activities Conducted

Program type (workshop, seminar, field day, short course, etc.)	Date	Audience	Number of Participants		Training Provider (US university, host country institution, etc.)	Training Objective
			Men	Women		
Meeting at Regional USAID office, Nairobi	12/1	5 USAID Regional Office personnel	2	5	Meeting with Drs. Erbaugh and Miller	Phase 4 IPM CRSP and IPDL Global Theme
Meeting at KARI/NARL	12/1	Co-PIs and graduate students	2	2	Drs Erbaugh and Miller	Phase 4 IPM CRSP and IPDL Global Theme
TC meeting for Phase 4	12/8,9	TC members from 3 countries, GKGT rep., IA GT rep., other Ugandan PIs	8	12	Led by Erbaugh and Kyamanywa	Develop work plans for Year 1, Phase 4.

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

List of Contacts Made:

Name	Title/Organization
Candace Buzzard	USAID: Director, Regional Economic Growth and Integration Agriculture and Trade and Evironment.
Walter Knausenberger	USAID: Senior Regional Environmental Officer, CTO, Regional Enhanced Livelihoods for Pastoral Areas (RELPA) Program
Jeffery Austin	USAID: Sanitary and Phyto-Sanitary Advisor
Hudson Masambu	USAID: Regional Agricultural Program Specialist
Hancox Jaoko	USAID: Regional Energy Specialist, Regional Economic Growth and Integration Office
Dr. Kenyua	KARI/NARL:
Dr. Ruth Amata	KARI/NARL: Plant Pathologist and Co-PI on Regional IPM Program
Dr. Douglas Miano	KARI/NARL: Plant Virologist, newly added team member with PhD from LSU and recently returned to Kenya.
Mrs. Miriam Otipa	KARI/NARL: research scientist and IPM CRSP graduate student
Dr. Margaret Mangeni	Ag. Extension Education, MU/FA & IPM CRSP Gender Specialist
Dr. Jenina Karungi	Co-PI entomologist, MU/FA
Dr. S. Kyamanywa	Regional Coordinator & Dean, MU/FA
Dr. G. Asea	NaCCRI, Cereals Team Leader & Co-PI on Food Security
Dr. Jackie Bonabana-Wabbi	Agricultural Economist and Co-PI, MU/FA

