

IPM CRSP Trip Report

Country Visited: Tanzania

Dates of Travel: January 26 – February 3, 2011

Traveler’s Name and Affiliation: Mark Erbaugh

Purpose of Trip: Review Year 2 IPM CRSP activities in Tanzania.

Sites Visited: Sokoine University of Agriculture

Description of Activities/Observations:

January 26: 3:00 P.M. Depart Port Columbus

January 27: 12:00 midnight arrive Dar es Salaam

January 28: Drive to Morogoro: Meet with SUA/IPM CRSP graduate student, Hosea Mtui and co-PI pathologist, Delphinia Mamiro.

Saturday, January 29: Brought graduate student Mtui together with Richard Johannes, who is the farmer-to-farmer coordinator for TagMark. TagMark is a local NGO created by CNFA to provide training for famer groups. In this case, they are working with women’s groups in Morogoro region, Mlali district on “organic” tomato production. They justify organic production as a way to reduce use of pesticides. Our IPM CRSP effort is also working in Mlali

District but was unaware of women’s group – they thought it might be same group as ours but this will be investigated.

Sunday, January 30: Met with Drs. Maerere (Tanzania Site coordinator) and Dr. Kallunde Sibuga (co-PI) to discuss implementation.

- Discuss two possible dates for TC meeting: Two day version the week of March 28 or full week version to be held in June with Impact Assessment group (the advantage of the latter date is that there would tomatoes in the field).

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		
Update meeting	1/31/11	SUA team	3	2	Erbaugh	Update on IPM CRSP activities.

List of Contacts Made:

Name	Title/Organization	Contact Info (address, phone, email)
Prof. Amon. Maerere	Tanzania Country Coordinator & Co-PI on EA Regional IPM Program & Deputy Director of Research for SUA,	
Prof. Kallunde Sibuga	SUA: co-PI for Tz., weed Scientist	
Dr. Delphina Mamiro	SUA: Tanzania Co-PI on EA Regional IPM Program Plant Pathologist	
Hosea Mtui	SUA PhD candidate working on tomato pre & post harvest mgt.	
Prof. Tiisekwa	Dean, Faculty of Agric., SUA	
Dr. Catherine Msuya	Agric Extension & Gender – IPM CRSP co-PI	
Dr. Elias Mgenda	Horticulture and IPM CRSP co-PI	
M. Macha	Field Officer, Technician	
Prof. Robert Mabagala	Plant & Seed Pathologist	
Richard Johannes	Farmer-to-farmer coordinator, Tagmark	
Clive Drew	CNFA, COP, Agro-dealer training	

Monday, January 31: Met with IPM CRSP Tanzania team for brief update. Present were Delphina Mamiro, Hosea Mtui, Catherine Msuya, Elias Mgenda, M. Macha

- Met with Dean of the Faculty of Agriculture, Tiisekwa to update him on IPM CRSP activities.
- Met with Professor Robert Mabagala, who runs the seed pathology lab

Tuesday, February 1:

Visited field trials of Dr. Mgenda, Macha & Mtui. Heavy rains had caused widespread disease pressure in the un-mulched portion of the demo with almost total loss. The mulched fields survived the heavy rains and there is a crop to harvest but disease is still prevalent as are red spider mites.

Departed Morogoro for Dar es Salaam

Wednesday, February 2:

Met with Mr. Clive Drew, COP, of a CNFA project on training of rural agro-dealers. They work with company/NGO call CropLife who provides pesticide and IPM training to their agro-dealers. He said CropLife is active in all three countries in East Africa and was formed by US agribusinesses.

Departed Dar for return to USA.

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

- Dr. Maerere, as requested from the last TC meeting held in Mbale, Uganda in June 2010, has expanded the Tanzania IPM CRSP team.

Tomato:

- For the tomato season that begins in May they will begin anew to scale-out tomato IPM package in Mateteni or Mlali locations.
- Tanzania team has not seen write-up of impact assessment data that they collected and set to the IA coordinator in Uganda.
- Delphinia continues to work on SOP for bacterial wilt.
- Brochures have been developed for mulching tomato, weeds of tomato and diseases.
- Mtui (PhD candidate) is looking at managing pests and diseases that reduce shelf-life of tomato.

Onions

- Onions: they have completed baseline survey and a draft of the report sent to Dr. Maerere for review.
- Priority pests from farmer survey are: 1) thrips; 2) white grubs (new to the farmers); and 3) diseases which farmers couldn't identify but are now being identified by SUA pathology team and red spider mites which farmers thought was damage from diseases. Pest problems were different for farmers growing bulbs and those growing for seed.
- Working with new coPI called Dr. Mwatawala; Dr Mgembe is collecting germplasm; from the National Agricultural Horticultural Research Station at Tengeru.
- Next step is to start on farm trials with IPM management options.

Coffee

- IPM CRSP is cost sharing with TACRI two PhD students. One is working on CBD and the other is working on Xanthomonas wilt.
- Fred Magina, former IPM CRSP M.S. student (who completed and graduated) is working on control of white stem borer using parasitoids and looking at impact of shade on disease and insects prevalence.