

IPM CRSP Trip Reports

Country Visited: Uganda

Dates of Travel: 6/18/10-6/25/10

Travelers Names and Affiliations: Mark Erbaugh, The Ohio State University

Purpose of Trip: Participate in Technical Committee meeting, review progress in implementing Year 1 activities, and initiate development of Year 2 work plans.

Sites Visited: (Uganda: Kampala, Mbale, and coffee famers, Bugusege, Mt. Elgon region)

Description of Activities/Observations:

6/17 – Leave Nigeria and fly to Uganda

6/18 - Arrive Uganda at 8:00 PM

6/19 - Brief participation in Gender Knowledge workshop, and planning session for RTC meeting with Dr. Kyamanywa

6/20 - Go to Makerere University to make copies and then drive to Mbale Site of RTC meeting.

6/21 – 6/22 - Mbale for Regional Technical Com. Mtg.

6/23 – Return to Kampala to meet with Rosemary Emegu, prospective IPM graduate student at OSU and have skype meeting with OSU advisor, Dr. Dave Kraybill. Worked on designing baseline survey for scotch bonnet.

6/24 – Meet with Bernard Bashasha, Gabriel Elepu, AEDE, Dr. Adipala Ekwamu, Director RUFORUM, attend conference on new extension systems, and then another skype meeting with Dan Taylor, Rosemary Emegu, and Dave Kraybill.

6/25 - Final meeting with Dean Kyamanywa; discussed budgets with Beatrice; Kasesse research site with Geoffrey Tusiime, visa issues with Rosemary and Warren Anaterive, AFS. and then departed for airport.

Training 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		
General & RTC mtg.	6/21- 6/22	16	7	9	Erbaugh, Kyamanywa, Taylor, & Christie	Review Year 1 progress, discuss Year 2 work plan development, workshop on gender & impact assessment
Field Excursion to on-farm coffee research sites	6/22	14 farmers	4	10	Kyamanywa & Kucel	Discussion of trials with farmers & on gender roles in coffee production

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

Main issues emanating from Mbale meeting:

1. How to integrate high expectations from Global Themes into research activities across crops and countries. Recommendation: Global Themes are to support Regional Program priorities. Limited funding for each Global Theme means that activities will need to be prioritized and, when possible combined. For instance, Impact Assessment and Gender knowledge global theme activities should be merged when possible. This would also make sense for some of the activities anticipated by the IPDL and Plant Virus Global Themes.
2. The need to get proto IPM strategies out of the laboratory and into on-farm trials was emphasized. For this phase of IPM CRSP the emphasis is on technology transfer and impact assessment.
3. Year 1 activities are proceeding well in Uganda and Kenya, however, reporting from Tanzania needs to be improved.
4. Design of Year 2 work plans were discussed.
5. Mini-workshops provided by Dr. Taylor and Bonabana on Impact Assessment and by Dr. Christie (Dr. Mangeni was ill) were well done and received and helped participants understand more about the importance of these activities and how to report on these activities.

List of Contacts Made:

Name	Title/Organization	Contact Info (address, phone, email)
Dr. S. Kyamanywa	Regional Coordinator & Dean, MU/FA	
Dr. Jenina Karungi	Co-PI entomologist, MU/FA	
Dr. Monicah Waiganjo	KARI/Thika & Kenya coord.	
Dr. Ruth Amata	KARI/NARL: Plant Pathologist and Co-PI on Regional IPM Program	
Ms. Rosemary Emegu	Lecturer, MU/FA & 'to-be' grad student at OSU	
Mr. Hossea Mtui	Lecturer, SUA & IPM CRSP graduate student	
Others at TC mtg.		
Bernard Bashasha	MU/FA Agriculture Econ.	
Regina Birner	IFPRI	

Minutes/report of the IPM CSRP regional planning meeting held at the Mbale Resort Hotel June 20-23 2010

Participants

Prof. S. Kyamanywa
Dr. M. Erbaugh

Regional Coordinator, Makerere University
Site Chair, Ohio State University

Prof. Dan Taylor	Virginia Tech
Dr. Maria Elisa Christie	Virginia Tech
Dr Monicah Waiganjo	Country Coordinator Kenya (KARI)
Dr Ruth Amata	KARI
Mr. Hosea Mtui	Sokoine University of Agric. TZ
Dr. Robina Namirembe Ssonko	Mak
Dr Mary Silver Rwakikara	Mak.
Dr. Geoffrey Tusiime	Mak
Dr. Mildred Ochwo-Ssemakula	Mak
Dr. J. Bonabana-Wabbi	Mak
Dr. J. Karungi	Country Coordinator Uganda, Mak.
Mr. Patrick Kucel	NARO
Ms. Rosemary Emegu	Mak.
Mr. Didas Asiiimwe	Mak.

Day 1 June 21, 2010

Session I

Meeting called to order 8.55am

An opening prayer was given by Dr. Monica Waiganjo

Opening Remarks from the Session Chair, Prof. Kyamanywa

- The Regional Coordinator informed members that this was a technical committee meeting to assess progress on Year I activities and develop Year II work plans which are needed by July 15; in addition an annual report was also due by October 15.
- He also reiterated his happiness and pride in the regional collaboration especially during the Technical Committees.

Remarks from the Site Chair, Dr. Erbaugh

- Dr Erbaugh started by pointing out the fact that Phase IV of IPM CRSP is in its initial year and like any project start-up there are some issues that need to be sorted out. So Year 1 was more like a transition year.
- He said that the purpose of meetings was to:
 - build on the regional model of collaborative IPM research
 - think about monitoring/performance indicators
 - integrate Impact Assessment and Gender Knowledge global themes
 - Assess progress on Year I activities
 - Develop work plans for Year II
- He indicated that there were similarities between IPM CRSP Phase IV and the previous phases citing that the countries are the same, the crops are the same with a few exceptions, the focus remains on developing IPM systems for marketed, higher value horticultural crops

and looking for alternatives to chemical pesticides, there is still a need to work with Global themes, and the partners are basically the same.

- The differences between Phase IV and the previous phases are that onions have been taken on as new crop, there is greater emphasis on on-farm technologies/training/transfer, on assessing impacts, and working with the Global themes and the peculiarities of how they are funded.
- Dr Erbaugh presented the three objectives of the Regional IPM CRSP program: i) to continue building a regional model of collaborative IPM research, ii) implement participatory ecologically based IPM, and iii) institute innovative technology transfer approaches.
- He informed the meeting about the progress for Year 1 that included: a kick off meeting in December 2009 in Uganda; establishment of a Web Portal – Scholar – a data storage system that is managed by Prof. Taylor. (Side comment: Participants were encouraged to provide documents to Prof. Taylor to be included on the Portal; pursuing the implementation of the Year 1 work plans; progress in integration of global themes; planning and implementation of training programs including a two-day grafting and high tunnel workshop in KARI Thika (with 44 attendees: 26 men-18 women); 3 papers having been accepted in Journals and a notice in the USAID fact sheet (2/10/2009) - about tomato increasing incomes in Uganda; and the PhD student Miriam Otipa being at Ohio State University for 9 months.
- He stated what needs to be worked on and implemented –Year II work plans; activity assessment forms; performance monitoring and indicators forms and activity reporting form; and integrating global themes into all work plans. Templates for these forms are in the provided documents. If there are students on the project, training plans should be included in activity plans.

Matters arising from the remarks

Qn: The money for the global themes come from the Regional programme, what funds will be contributed by the global themes themselves?

Answer - The only funds contributed are for training one graduate student and for travel for some limited travel by Global Theme PI's.

Qn: What is “innovative technology transfer”?

Answer – this includes such strategies as working with women groups; working with groups that are demanding particular interventions (e.g. the Namulonge organic farmers group, linking tomato farmers to markets etc)

Qn: Is it possible to link the IPM CRSP Portal to the Makerere Website?

Answer – this can be done. So far, there are big gaps in receiving documents to put on the portal. Meeting reports, documentaries (video clips) should all be put on the portal.

Qn: For the no cost extension – how will it be reported?

Answer – should be include in the progress report of 01 Oct 2009 – 30 Sept 2010.

Session II

Discussions on presentations of overviews of Country Programmes

Kenya: Presented by Dr. Waiganjo

Issue - Lack of regional integration with the IPDL global theme coordinator- The country Coordinator for Kenya where the IPDL is housed told the meeting that Dr Kinyua had received first instalment of funds allocated and a work plan was expected.

Qn: Uganda had a list of IPDL activities - Who will be funding these activities?

Answer: Some of the Uganda IPDN activities are funded under the AFSI project and some additional regional activities through the IPDL Global Theme.

Tanzania: presented by Mr Mtui

Issue – Has a socio-economic scientist been contacted to work on impact assessment?

Answer: It was agreed that Prof. Kyamanywa takes up the issue with the Tanzania Coordinator, Prof. Maerere who was not present to comment.

Issue – Integration of IA and GK during the survey - they were also advised to use the already developed instrument of Tomato as a template for the survey on onions. The meeting agreed that the proposed activities for coffee and onions look very good if followed through upon.

Uganda: presented by Dr Karungi

Members made the following comments:

- List of visitors should go back to October 2009 and include Prof. Richard Pratt's and Kraybill's visit
- Rosemary Emegu should be added on the graduate students' list.
- Ronald Ndawula should be included on the list of undergraduate students attached on the project Field
- The just concluded Gender Workshop should also be included
- Uganda should be cautious about involvement with CABI – ensure that a memorandum of understanding is in place before progressing with them.
- On the issue of the Twig borer, there was concern that we have always worked with Arabica coffee yet the pest is a problem of Robusta! The Uganda team defended the decision as the pest was seen as an emerging threat where there would be great impact. Was there anybody else putting in money in managing the twig borer as we are already too stretched budget-wise? – The Uganda Coffee Development Authority was putting in a little bit of money.

Discussions on presentations on progress status of specific crop activities

Tomato: Kenya

Members from Uganda wanted information on the dimensions of the tunnel screen house that is being promoted for tomato production. How big is the tunnel in area and cost?

The tunnel is 8m x15m and cost around 15,000KSh

Passion fruit: Kenya

Qn: What will constitute an IPM package?

Evaluating the passion fruit lines on-farm; also the bio-control for the disease.

Meeting AGREED that an instrument to capture Farmers evaluations should be developed and circulated to members for comments

Qn: Can Uganda access the tolerant passion fruit lines and the Trichoderma?

Possible as long as the permits are in place.

For Trichoderma – Uganda has to lodge a request to the commissioner Plant Protection Agency for research to bring in the bio-control. Another option would be for Uganda to bio-prospect i.e., screen their own. With proper training, farmers can make their own Trichoderma, e.g. in Indonesia where women are multiplying Tricoderma for sale. Moreover, Kasese farmers have already asked for it.

Tomato: Uganda

Qn: Will the system of testing for biovars enough to allow for variety release?

Prof. Rubaihayo the main Supervisor had indicated that this could work.

Meeting AGREED that this is something that needs to be checked and acted upon.

Targeted multi-location trials could be the way to go in case of variation in the trial with biovars.

Qn: What about plans for transferring the developed IPM packages?

Will include this activity in the work plan for year II

A challenge was extended to the tomato team to publish data on the IPM package so that there is evidence that what is being promoted is not only hear-say.

The meeting AGREED that publishing the paper should be included in the Year II work plan.

Qn: Reduce spray for control of the Bollworm – what's new?

Focus here is on natural enemies

Hot pepper: Uganda

The meeting ADVISED that the baseline in Kasese should be done very soon taking into account Dr Kraybill's issues with the methodology; and that Kasese would be a good place to introduce high tunnels.

Passion fruit: Uganda

Did the desertion by the MSc students delay the commencement of the research? – *yes,- Issues with the new student have been discussed and the student has been counselled thoroughly so no more problems expected*

Qn: Any complementarity between Kenya and Uganda in passion fruit research?

Can try out the Trichoderma and passion lines on the Uganda side too.

Coffee: Uganda

Qn: Why aren't we looking at the impact of our IPM packages on diseases too?

It is not easy but we need to see how to best to target both processes.

Meeting AGREED that the Posters on Coffee be given Erbaugh to publish.

Session III

Field Excursion to Bugusege Mt. Elgon region to visit on-farm trials and interact with coffee farmers.

Visited two on-farm sites where IPM packages for coffee are being demonstrated after which there was a session with farmers (List of farmers below)

Joyce Wanyala (F)
Mr. Wanzala (M)
Harriet Kadoli (F)
Florence Madoli (F)
Makwasi Nathan (M)
Peninah Kimone (F)
Bart Napaki (M)
David Kimuga (M)
Margaret Kidudu (F)
Maama Jaja (F)
Lydia Mugoya (F)
Anna Kidula (F)
Daisy Namukasa (F)
Beatrice Nanduli (F)

Discussion

Prof. Kyamanywa started off the discussion by telling the farmers that the main aim of our coming to work with the farmers in the Mt Elgon region was to promote coffee growing esp. fighting pests and diseases of coffee so that we are able to chase poverty from homes through increased income from coffee. He opened up the discussion by allowing the visiting scientists to ask the farmers a few questions.

Question to farmers

What's the biggest problem on coffee?

- *Insect pests esp. stem borers that drill around the stem producing dust; also black scales*
- *Poor quality seedlings*
- *Soil nutrient depletion*

What are the roles of men and women in coffee production?

- *Weeding – predominantly by women*
- *Harvesting – men and women*
- *Pruning – predominantly men*
- *Sales – men*
- *Post harvest handling – predominantly by women*

Are there any changes that have occurred in recent years in the roles of men and women?

- *Yes, men are putting in more effort*

If coffee sales are good – do women benefit?

- *Yes – school fees for children*

Where do you sell coffee to?

- *To Cooperative Societies*

Do extension workers speak to both women and men?

- *Yes in groups*

The discussion was closed by Dr Erbaugh who thanked the farmers for their time, their welcome and discussion. He indicated that he will be back to see progress in improving coffee production.

Day two 22 June 2010

Discussion on Global themes

IPDN activities in Uganda (mainly funded under the AFSI project) – by Dr Ochwo

The team was thanked because of what they are doing in setting up a diagnostic centre. The team was ADVISED to market the diagnostic centre in Uganda as part of Year II activities.

Qn: How do we get the global themes to be regional themes?

It is not an easy thing to do but we have to address it.

Good that the IPDN in Uganda is helping us know the viruses of tomato. Kenya should also go along those lines. The meeting AGREED that IPDL regional work plan be developed and that Global theme coordinators should always attend the Regional technical committees.

Qn: Will the MSc student be able to achieve the objective of documenting all the tomato viruses ?

Yes, as the methods he is using will do the job and he will have the facilities at OSU?

Impact Assessment Global theme – by Prof. Taylor and Dr Bonabana

Members were happy to note that the IA plan was sorting out the activities by crop and by country.

Qn: How do we work with global themes when we have more than one crop and three countries? Can Dr Norton bring in more money?

The meeting AGREED that Global themes should set priorities to ensure that the meagre resources are used to address the priorities as set by the Regional programme.

Qn: When do we look for the costs associated with our interventions? AGREED that form be designed for the researchers to fill whenever they needed.

Qn: What is the way forward for Mubuku-Kasese?

What is needed now is a baseline study after which Tusiime has the go ahead to effect his trials

Gender Knowledge global theme

This theme was presented as a workshop by Dr Maria Elisa Christie who had requested it. The workshop included interactive sessions as well as presentations.

Discussion

The meeting appreciated the workshop; it was now clear what was required of members in terms of incorporating gender issues.

The meeting AGREED that Dr Mangheni (not present because of illness), the GK coordinator, compiles a four dimensions gender Assessment for IPM CRSP activities.

Qn: Wouldn't it be good that gender issues are developed at technology development stage?

Start where you are and use strategies to include women

The meeting ADVISED that because of meagre funds the IA and GK global themes should merge some of their activities to optimally utilise the funds

Minutes of the regional technical committee planning meeting held on June 22, 2010 at Mbale Resort Hotel, Uganda

Members Present:

Prof. S. Kyamanywa
Dr. M. Erbaugh
Prof. D. Taylor
Dr. M. Waiganjo
Mr. H. Mtui
Dr. R. Amata
Dr. Maria Elisa Christie
Dr. J. Karungi

Absent with apology
Prof. A. Maerere and Dr. Mangeni (due to illness)

Agenda

Review of previous meeting minutes
Work plans and budgets for year II
Annual report for year I and no-cost extension
The Tanzania dilemma
Global themes integration

Minute 1. Matters arising from previous meetings

The minutes were reviewed and the following corrections and updates noted:

- Dr Maerere was absent with apology
- Dr. Peter Sseruwagi has been selected to do the coordination of the global theme on Plant Viruses and the PI is Prof. Sue Tolin, and the contact person is suppose to be Dr Diome.
- Setting Priorities for IA and GK global themes - changed priority from passion fruit to hot pepper but if resources allow, the passion fruit can be done; for Kenya – Baseline to be done on Onion; and passion fruit if funds allow; baseline on Tomato be done in TZ with Mwanjombe. There is data but the data was not fitted on the model. Efforts should be made to find out if Mwanjombe did any analysis. Dr. Bonabana should design forms that will help in cost benefit analyses for individual technologies. Kenya was commended for always complying with this.
- Final Budgets - Uganda and Kenya did the budgeting as requested transparently. TZ yet to confirm on this process.
- Students at OSU - Rosemary Emegu – for Uganda (Socioeconomics); Menza proposed for Kenya and TZ gets an MSc slot
- Calendar of events - Meeting of TC was changed from Tanzania to Uganda; the IPDL/Plant Viruses workshop to be held in Year II; annual report meeting – there will be regional meeting if funds allow otherwise each country will hold its own.

Minute 2. Work plans for year II and budgets

- It was PASSED that work plans (including for Global themes) for year II be submitted to the Regional Coordinator by July 15 and to the Site Chair by 21. They have to be in Font 12 Times New Roman.
- The Chair will communicate budget limits to Country Coordinators
- Countries with students should provide information on training plans (see template) as a separate entity.

Minute 3. Annual reports

- A template has been provided for reporting regional programs and another for global themes (GT). Ms. Ngina was INSTRUCTED to circulate the template to country coordinators and GT coordinators.
- Country coordinators will compile the reports and forward them to the Site Chair by Oct 01, so the Regional office should have them by Sept. 15. Reminders should be sent out in the first week of August.
- Decision to convene a report writing meeting will depend on availability of funds, the status will be communicated by July 15. If money is available dates and venue will be communicated then.
- Members argued to encourage their teams to use the portal (documentaries, brochures etc).

Minute 4. Tanzania dilemma

The meeting NOTED that the following:

- There were several changes in the contact person for the Socio-econ work
- A need for multi disciplinary in the TZ team
- TZ was not represented in the Gender Workshop

The meeting AGREED that the Regional Coordinator should communicate with the country coordinator regarding the above concerns and copy the communications to the Site Chair. The Site chair and the Regional Coordinator were ADVISED to visit the site.

Minute 5. Global Themes integration

The meeting PASSED that:

- Coordinators of GT become members of the TC
- Budgets for GTs for the region be prioritised for the region

On the issue of Coordination of the Virus global theme – it was Noted that:

- Dr. Sseruwagi has agreed to lead
- He needs to read the proposal and develop a work plan
- Liaise with the IPDL global theme to integrate some activities
- Site chair should bring PI for the Viruses global theme to visit the site.

AOB

The meeting PASSED that whenever funds are disbursed, an ARF (activity reporting form) be issued as well to be filled and returned accordingly for each activity.