

Feed the Future: Innovation Lab for Integrated Pest Management Trip Report

Country Visited: Tanzania

Dates of Travel: 2-9 April 2017

Travelers' Names and Affiliations: Tadele Tefera, icipe

Purpose of Trip: Meeting with local partners and students

Sites Visited: Tanzania, Morogoro

Description of Activities/Observations:

1. Visited maize IPM trials

Tadele and Nsami Elibariki, Kibaha Research Institute, visited on April 5, 2017 the USAID NAFKA project office in Morogoro town and had a brief meeting with Amina Mwabula, NAFKA program officer. Both NAFKA and the Grain IPM projects are focusing on maize and rice crops; thus, it was discussed on how to forge collaboration. One area of collaboration discussed would be to engage NAFKA staff during training and field days to be organized by the Grain IPM project.

Tadele and Nsami met with Sudi Mpili District Director and explained to him about the objectives of Grains IPM project.

A visit was made to push pull demonstration trials at Motombo area, six farmers' trials were visited and discussion was held with each farmers and area extension officers. The trials were performing very well; however, at one of the farms fall army worm infestation was observed.

2. Visited rice IPM trials

A rice screening nursery against major diseases in greenhouse was visited in Morogoro with Dr. Charles Chuwa, Dakawa Agricultural Research Institute, on April 4, 2017. Fifty rice genotypes were being screened. Besides, rice on-farm demonstration trials were visited in two villages: Kigugu and Mbogo. The rice varieties planted were Komboka and Saro 5 as tolerant to rice blast and YMV

and Local checks (Mbawambili and Super Mbeya). Discussion was held with each demo farmer with regards to their perception on performance demo trials.

3. Visited students trials

Bonaventure January's greenhouse trial was visited on April 3, 2017. There were six treatments against rice stem borers: Beauveria bassiana, Metarhizium anisopliae, Deris elliptica, Neuratnamia mitas and cypermethrin as treated control and water as untreated control. The treatments were infested with stem borer larvae two times (10 larvae per plant) and data on stem borer damage being collected.

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

- To apply insecticides to maize trials to control fall army worm infestation following the PERSUAP.
- Collection of stem borer damage data from push pull trials
- Organize training and field days for maize and rice IPM in the week of May 24, 2017.
- Dr Charles Chuwa and Mr Nsami Elibariki to prepare a draft budget for the two events and send to Tadele.

List of Contacts Made:

Name	Title/Organization	Contact Info (address, phone, email)
Vicki Yohan	Farmer	0717539173
Aziza Juma	Farmer	719535404
Patrick Mande	Farmer	
Credo Kibwana	Extension office	
Rosa Patrick	Farmer	
Revina Patrick	Farmer	
Evarist Mamba	Farmer	
Mesere Umburi	School teacher	
Amina Mwabula	Farmer	
Sudi Mpili	Farmer	