

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

Country Visited: Kenya.

Dates of Travel: 4-8 Feb 2019

Travelers' Names and Affiliations: Tadele Tefera

Purpose of Trip: The objectives of the trip were:

To standardize lab protocols for the upcoming FAW biocontrol training in Feb 2019.

Description of Activities/Observations:

Lab protocols were run on the following activities to scrutinize the protocols for the upcoming FAW biocontrol training in Feb 2019. All lab staff were intensively trained and retrained on each of the protocols so that they shall be able to actively assist in each protocol during the upcoming training.

- Fall armyworm mass rearing using artificial diets
- Rearing the Mediterranean flour moth or mill moth (*Ephestia kuehniella*)
- Rearing Trichogramma using the Mediterranean flour moth
- Rearing *Telenomus remus*
- Rearing *Cotesia icipe*
- Field trip to Mwea, about 80 km from Nairobi, was made to monitor the condition of maize planted under farmer's management condition as a pretrial to release Trichogramma and Telenomus against FAW. The trainees will be able to exercise field release of Trichogramma and *Cotesia icipe* under field condition.

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

- Collection of Trichogramma and Telenomus from the field to periodically infuse with the lab population
- Collection of millmoth from the field to periodically infuse with the lab population