

# Feed The Future India Triangular Training (FTF ITT) Program

@BULLETIN

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## I. Back at Work Plan Report

### 1: Fruit fly Trap Awareness Campaign in Afghanistan



Mr. Basir Ahmad Tabib is a Plant Protection Manager from Afghanistan trained under FTF ITT Program on 'Plant Biosecurity and Food Safety' held during 3-17<sup>th</sup> March, 2018 at National Institute of Plant Health Management (NIPHM), Hyderabad, Telangana, India.

After learning at NIPHM he came to know that fruit fly is responsible for 90-100% loss in fruits and vegetables. Fruit flies are also major problem for export of fresh fruits and melon from Afghanistan. Control of Fruit flies using pesticide as spraying is very costly and not safe to the consumers and environment. As solution farmers in India have demonstrated on a simple and low cost practice of trapping male fruit flies to reduce fertilization in female fruit fly which is mostly responsible for damaging the fruits like melon and vegetables.

To solve problem of Afghanistan's farmers, Mr. Basir decided to introduce cost effective Fruit fly pheromone traps which can be locally developed by using water bottles to trap the male fruit flies and use of sex pheromones such as Methyl Eugenol lure (ME lure) and cue lure which can be prepared for effective control of fruit fly in fruit like melon and vegetable fields.



After returning to his country from the training program, he organized fruit fly trap awareness campaign at Herat province of Afghanistan. During the campaign, he demonstrated fruit fly lure preparation and explained the biology of pest and advantages of using fruit fly trap. About sixty five women farmers got benefitted from the campaign and they were ready to adopt low cost pest control methods.

### **Mr. Basir Ahmad Tabib**

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## **2. Popularizing Organic Vegetable and Integrated Farming Systems for Afghanistan Farmers**



Mr. Khalilullah Zaryal, Regional Marketing and Business Development Officer Works for the National Horticultural and Livestock (NHLP) Project in Afghanistan. He was trained under Feed The Future India Triangular Training (FTF ITT) Program on “Production, Processing and Marketing of Organic Vegetables” held during 06 - 20<sup>th</sup> February, 2018 at ICAR - Indian Institute of Vegetable Research (IIVR), Varanasi, Uttar Pradesh, India.

Mr. Khalilullah hails from Dand district, Kandahar province, Afghanistan where farmers follow mono-cropping on large acres due to scare irrigation. During the program in India, he learned about production practices of organic vegetables and other activities like certification, processing and marketing.

Post-training, he started sensitizing and organizing capacity building programs to officers and beneficiary farmers under National Horticultural and Livestock (NHLP) Project in Afghanistan.

He has also built a 12m x 6m greenhouse along with drip irrigation system connected to a 100 liters water storage facility in his farm land. For demonstrating integrated in the greenhouse, he has grown many vegetable crops

such as five rows of hybrid variety of cucumber, two rows of hybrid variety of brinjal, one row of hybrid variety of tomato, one row of hybrid variety of green peppers, one row of hybrid variety of okra and fruit crops such as figs, grapes, pomegranates, plum, oranges, apples and pears. Besides, he has constructed small units for poultry, dairy and duckery which all contribute to compost production.



In organic farming, usage of bio-inputs plays an important role and to this end, he is recommending many safe bio-inputs for Afghanistan farmers for better results in pest and disease management and crop development. As a result, Mr. Khalilullah has reached more than 200 people comprising farmers and officers.

### Outcomes:

- ❖ Introduction of integrated farming to farmers for better income through farm activities
- ❖ Awareness on organic farming and marketing of vegetables and fruits
- ❖ Environmental and cost benefits through usage of bio-inputs

#### **Mr. Zaryal Khalilullah**

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### 3. Millet Mantra in Ghana



Mr. Huudu Bampuori Abu is a Regional Crop Officer from Ghana. He was trained under Feed the Future India Triangular Training (FTF ITT) Program on “Value Addition and Market Linkage Mechanisms in Millets” held during 23<sup>rd</sup> January - 06<sup>th</sup> February, 2018 at ICAR-Indian Institute of Millets Research (IIMR), Hyderabad, Telangana, India.

Back home, he successfully sensitized 21 people, including 11 Directors, nine Regional Staff and a Regional Director of agriculture. The sensitization took place during a regular technical management meeting of agriculturalists in the region. He made a brief presentation on value addition to sorghum and millets through various research, training and implementation programs at the center of excellence. The concept of incubation center was highlighted and they all appreciated it as a good and laudable approach in reducing poverty and hunger and he also conducted field visits and demonstration for creation of awareness and adoption of latest technologies in millets.

#### Linkages and Partnership

The Department of Agriculture in the region supports any intervention that will bring in betterment in yield. Hence, the initiative being put in by 'Agri Access Ghana Limited' is technically backed and supported by the department. In the light of the above, an exposure field visit was then organized for the district and regional staff of agriculture after the sensitization meeting.



#### Future Plans:

- ❖ Carry out public sensitization through radio discussion
- ❖ Sensitization of farmers and selection of sites for demonstrations

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## I. Impressions



“We are fully convinced about this tripartite agreement with USAID and Govt. of India. We are committed to make best use of the agricultural professionals trained at MANAGE. We gratefully acknowledge this initiative”

**H.E. Faruque Omar Faquira**  
**Minister Plenipotentiary and Deputy Ambassador**  
**of Mozambique to India.**



“Indians believe in '*Vasudaikakutumbam*' (the world is one family). Like in a family, we want everybody to be happy and healthy. We are happy that FTF ITT gives us an opportunity for sharing knowledge that helped India to address agricultural challenges and make progress, with its 'other family members (other countries)’”

**- Smt. V. Usha Rani, IAS, Director General,**  
**MANAGE, Hyderabad**

## II. Appointment of Dr. Mahantesh Shirur as Dy. Director (Agricultural Extension) at MANAGE

Dr. Mahantesh Shirur Joined as Dy. Director (Agricultural Extension) at MANAGE. He will look after the Center for Agriculture Extension Policy, PPP in Extension and International Center for Excellence in Agricultural Extension at MANAGE.



Prior to joining MANAGE, Dr. Mahantesh Shirur was working as scientist (Agricultural Extension) at ICAR –Directorate of Mushroom Research, Solan and ICAR –Indian Institute of Soil and Water conservation, RC, Ballari. His main contribution in ICAR-DMR, Solan was on training and capacity development, transfer of technology and impact assessment studies. His contribution in development of digital content on mushroom cultivation was widely acknowledged. He was instrumental in developing eight training modules on mushroom cultivation technology at ICAR-DMR, Solan.

Faculty and staff warmly welcome Dr. Mahantesh at MANAGE and wish him success.

### FTF ITT Training program overview

**Total Number of Training programs completed: 28**

**Number of executives trained till now: 717**

**Male: Female: 425:292**

**Number of Countries covered: 17**

**Countries covered under the programme: Afghanistan, Bangladesh, Botswana, Cambodia, Democratic Republic of Congo, Ghana, Kenya, Liberia, Malawi, Mongolia, Mozambique, Myanmar, Nepal, Sri Lanka, Sudan, Uganda and Vietnam**

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