

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

### **In this Issue:**

- 1. Report on International Webinar on Technology Backstopping for Agri-Extension: Experiences and activities of National Institute of Agricultural Extension Management**
- 2. International Webinar Series on Technology Backstopping for Agri-Extension-Indian Experiences- National Institute of Plant Health Management (NIPHM)**
- 3. Success Stories from Back at Work Plans**
- 4. Sneak peek into the upcoming issue of the e-bulletin**

### **1. Report on International Webinar on Technology Backstopping for Agri-Extension: Experiences and activities of National Institute of Agricultural Extension Management**

Leveraging on the success of the FTF ITT program, MANAGE would like to continue the linkages between the partner institutes of MANAGE and the partner countries. In this regard, the first online webinar series was organized on 30th April, 2021. The first webinar of the monthly webinar series was by National Institute of Agricultural Extension Management (MANAGE), Hyderabad. A total of 27 participants from different countries i.e. Sri Lanka, Kenya, Nepal, Zimbabwe, Uganda and Bangladesh participated in this webinar. The webinar started with a brief self-introduction by the participants. Welcome address was given by Dr. Mahantesh Shirur, Deputy Director (Agril. Extension), MANAGE. Dr. P. Chandra Shekara, Director General gave a brief introduction about the concept and idea behind monthly webinar series in his key note address. Later Dr. Mahantesh Shirur gave a detailed presentation on the mandate, vision, mission, various programmes and schemes carried out at MANAGE for the benefit of the farming community.

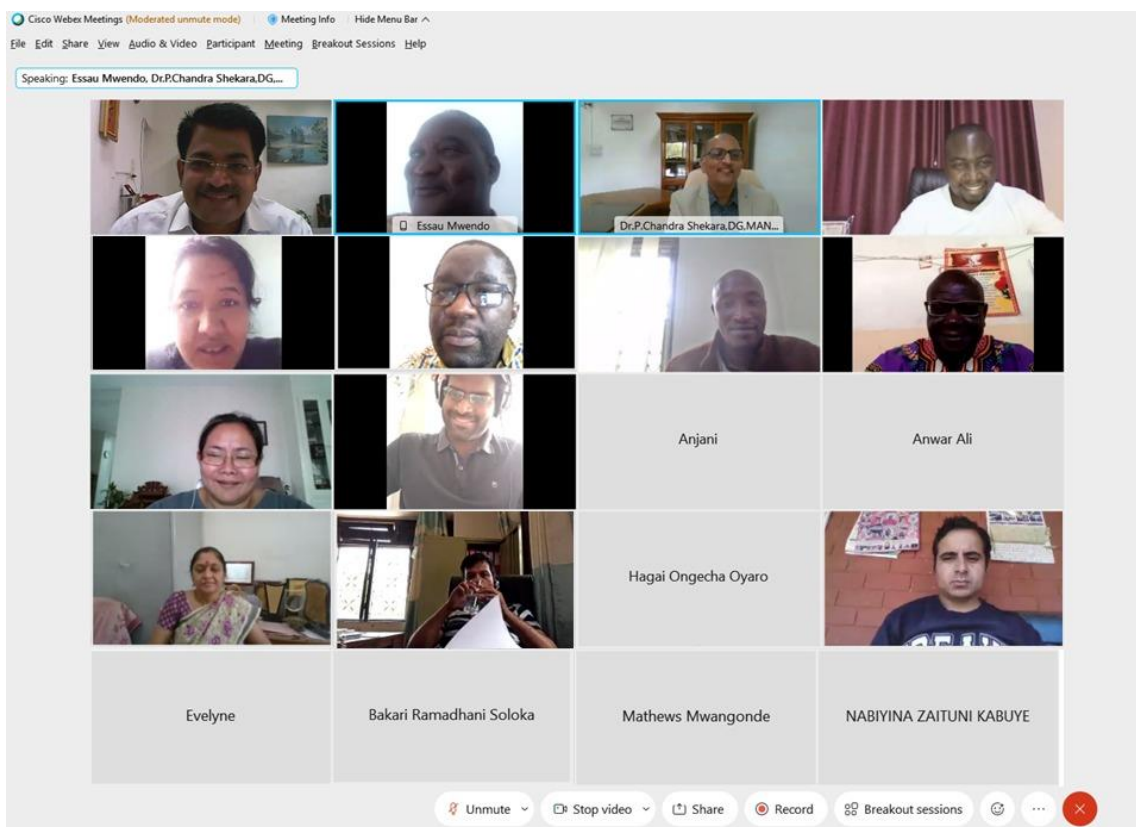
#### **The key points highlighted through this webinar were**

- MANAGE being established in 1987 as an APEX Institution of Ministry of Agriculture & Farmers' Welfare, Govt. of India to provide MANAGEMENT focus to EXTENSION SYSTEM
- **Vision:** To be counted among the most pioneering, innovative, user friendly and self-supporting agricultural management institutes in the world
- **Mission:** Facilitating the Acquisition of Managerial and Technical skills by Extension Officers, Managers, Scientists and Administrators in all sectors of Agricultural economy

to enable them to provide most effective support and services to Farmers and Fishermen for practicing Sustainable Agriculture.

- **Activities:** Training, consultancy, policy advocacy, research, education, Govt. schemes and documentation and publications.

After the presentation, the discussion was held, in which Director General clarified the questions raised by the participants. The Director General has clarified to all the international participants those who want to collaborate with MANAGE for the different programmes and schemes implemented by MANAGE to approach the embassies of their countries for establishing collaboration between the countries.



## 2. International Webinar Series on Technology Backstopping for Agri-Extension-Indian Experiences- National Institute of Plant Health Management (NIPHM)

In the monthly international webinar series, on Technology Backstopping for Agri-Extension: Indian Experiences, the activities of NIPHM will be presented during May, 2021. In this monthly webinar series activities and programs of NIPHM will be shared, so that the officers from the partner countries of Africa and Asia can explore the options of collaborative linkages on research, extension and joint publications.

On 31-May-2021, 12.00 noon IST, the activities of National Institute of Plant Health Management (NIPHM) will be presented for international audience.

NIPHM is a National level institute under the administrative control of the Department of Agriculture & Cooperation, Ministry of Agriculture & Farmer's welfare, Government of India established in the year 1966 as Central Plant Protection Institute (CPPTI) at Hyderabad. It aims in promoting environmentally sustainable Plant Health Management practices in diverse and changing agro-climatic conditions and Plant Biosecurity Management and Pesticide Management through capacity building programmes, besides providing inputs for policy formulation on Plant Health Management, Plant Biosecurity, Invasive Alien Species, market access, Pesticide Management etc. at state and national level. The webinar provides an opportunity for the international participants to know the various activities and technologies developed by NIPHM for plant health management and for further collaboration.

The link to registration for the programs is given below. The registration is open for international participants only.

**Registration link: <https://rb.gy/l5rvfc>**



The poster for the MANAGE International Webinar Series features the following text and images: At the top left is the MANAGE logo, and at the top right is the NIPHM logo with the motto 'राजस्वप्रस' (Rajastwpras). The main title is 'MANAGE International Webinar Series' followed by 'Technology Backstopping for Agri-Extension: Indian Experiences'. Below this, the date 'Date: 31 May 2021' and time 'Time: 12.00 Noon (IST)' are listed. A row of four small photographs shows people engaged in agricultural activities. In the center is a world map. Below the map, it says 'Institute of the month: National Institute of Plant Health Management, Hyderabad'. At the bottom is a photograph of the Mahatma Gandhi Block building at NIPHM. The footer contains the registration link 'The Registration link: <https://rb.gy/l5rvfc>' and a note: 'The webex link will be shared after registration (Open for International participants only)'.

### 3. Success Stories from Back at Work Plans

#### (i) Sensitization Programs on “Organic Farming” to Farming Groups in Malawi

Mr. Staphord Banda, Agriculture Extension Development Officer, Ministry of Agriculture, Malawi has attended 36th FTF ITT International Training Program on “Agribusiness – Startup and Scale up” organized during 10th - 24th July, 2019 at National Institute of Agricultural Extension Management (MANAGE), Rajendra Nagar, Hyderabad, Telangana, India.

Based on the experience on the training conducted at MANAGE in the month of July, 2019, he selected organic farming as component under Back At Work Plan (BAWP), as it is one of the crucial areas in climate smart agriculture. In Malawi, a lot of farmers are poor and unable to use chemicals fully like fertilizers and pesticides and thus why this component of farming was chosen so as to address the challenges like poor soil fertility.

### Objectives of BAWP

1. To empower the rural people economically and socially through the use affordable farming materials like Organic Fertilizer (manure).
2. To enlighten farmers the goodness of organic farming especially when it comes to health wise as it is chemical free.

### Implementation

- ❖ During the 2019 -20 season the three formed farmer groups were given tasks to do on organic farming.
- ❖ Three studies were carried out, one per group aiming at comparing the crop performance, one plot with organic inputs and the other with inorganic inputs.
- ❖ Esawo farmer group grew maize crop.
- ❖ Kankhande Farmer Group grew maize crop.
- ❖ Zinthonga Farmer Group grew soya beans



Weeding the crop by Esawo Farmer Group members



Kankhande Farmer Group members



Field observation for pest and disease attack

## Results/success rate

Three main factors were used to rate the performance.

- Soil moisture retention
- Growth rate
- Yield levels

**On soil moisture:** all the three groups observed that plots with manure were retaining good amount of moisture to support growth especially during the dry spells

**On growth rate:** two groups that grew maize observed the slight difference. The plots with chemical fertilizers were leading narrowly. For soya bean it was the plot with manure that was leading.

## On yield levels

**Zinthonga Farmer Group** grew soya on 0.4ha. Two plots were made of which each plot was 0.2ha. 521 kgs of soya were realized from plot with manure and 431 kgs from the control.

**Esawo Farmer Group** grew maize on 0.4ha. Got 1231kgs from the plot with manure and 1460 kgs from the plot with chemical fertilizer.

**Kankhande Farmer Group** grew maize on 0.15ha. Got 321kgs from the plot with manure and 498 kgs from the plot with chemical fertilizer.

**Note:** This was the first year to work with the three groups on organic farming. Result for soya has shown that organic farming was good and for maize too. 63 farmers adopted the recommended practices on the organic farming in their fields and the yields have improved so much as compared to previous years.

## Challenges faced

The only challenge faced was the resistance by some farmers as they are used to chemical fertilizers.

## Conclusion

The change of people's mindset from inorganic to organic farming is possible in Malawi especially in Kasungu district of Malawi as it has been observed this year. Having seen lot of positives, Mr. Staphord Banda feels that, organic farming is the way to go.

### Mr. Staphord Banda

Agriculture Extension Development Officer

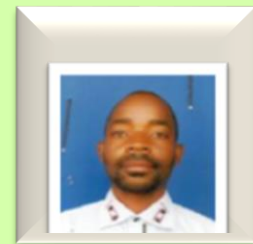
Ministry of Agriculture,

Kasungu District Agriculture Office

Box. No.17, Kasungu, Malawi

Tel: +265 999921271, Mob: +265 993363326

Email: staphordbanda1985@gmail.com



## (ii). Training Program on "Capacity building, aflatoxin and prevention to farmers"

**Juliana Mumbua Mutua**, Livestock Production Officer, Ministry of Livestock, Kenya has attended 42<sup>nd</sup> FTF ITT International Training Program on “**Good Agriculture Practices for Sustainable Agriculture in Developing Countries**” organized during 11<sup>th</sup> -25<sup>th</sup> February, 2020 at International Crop Research Institute for Semi-Arid Tropics (ICRISAT), Patancheru, Hyderabad, India.

### New learnings during training

1. Bad agricultural practices which can cause aflatoxin infestation.
2. The good agricultural practices which can be practiced to reduce aflatoxin infestation in grains by farmers
3. The risks which can be caused by consumption of aflatoxins consumption

### Objective/s of Back at Work Plan

- To identify causes of aflatoxins affecting grains which are eventually used as food for humans and animal feeds
- To train farmers on ways of preventing infestation of aflatoxins in grains.
- To bring to attention to farmers of the risks of aflatoxins contamination in foods and feeds



**Itethye Zero Grazing Farmer Groups**



**Training on Aflatoxin in Poultry Feeds**

### Actions initiated/Implementation

- On 10<sup>th</sup> March, 2020, she trained **Itethye Farmer Group** on Good Agricultural Practices mainly on how to reduce aflatoxin in foods and feeds.

- She trained on post-harvest interventions that reduce Aflatoxin including rapid and proper drying.
- The members agreed that packaging and sorting of the grains helps a lot because of removing the damaged grains and the unnecessary dirty

**Ms. Juliana Mumbua Mutua**  
**Livestock Production Officer,**  
**Ministry of Livestock, Nairobi, Kenya**  
**Mob: +254 729462775,**  
**Email: jmumbua3@gmail.com**

#### **4. Sneak peek into the upcoming issues of the e-bulletin**

- More success stories from Back at Work Plans
- International Webinar for technology backstopping to support International Trainees of MANAGE-Brief Report.
- Brief report on Launching of FTF ITT Film.

### **FTF ITT Training Program Overview**

Total number of training programs completed: **44/44**

Number of executives trained: **1144**

Male: Female: **709: 435**

Number of Countries covered: **20**

#### **Name of the countries:**

**Asia:** Afghanistan, Bangladesh, Cambodia, Lao PDR, Mongolia, Myanmar, Nepal, Sri Lanka and Vietnam

**Africa:** Botswana, Democratic Republic of Congo, Ghana, Kenya, Liberia, Malawi, Mozambique, Rwanda, Sudan, Tanzania and Uganda

**Editor-in-Chief:**  
**Dr. P. Chandra Shekara**  
Director General  
MANAGE

**Editor:**  
**Dr. Mahantesh Shirur**  
Dy. Director (Agricultural Extension)  
MANAGE

**Associate Editor:**  
**Dr. Naveen Kumar G and B. Sreenu**  
Consultant, PMU, MANAGE

**Layout designing & Dissemination Support:**  
**Mr. B. Chinna Rao**  
Junior Program Executive, PMU,  
MANAGE

**For any queries relating to the program, please Contact following address:**

Program Management Unit (PMU),  
National Institute of Agricultural Extension  
Management (MANAGE),  
Rajendranagar, Hyderabad-500030,  
Telangana, India

Phone number: Office: +91(40) 24016702-06,  
Ext.: 538

Email: [pmu.manage@manage.gov.in](mailto:pmu.manage@manage.gov.in)

Website: [www.manage.gov.in](http://www.manage.gov.in)

[www.facebook.com/ftfittmanage.ind](https://www.facebook.com/ftfittmanage.ind)

[https://twitter.com/FTFITT\\_MANAGE](https://twitter.com/FTFITT_MANAGE)

