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NIPHM

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

on

"Plant Bio-Security and Food Safety"

03-17 March 2018

National Institute of Plant Health Management

Rajendranagar, Hyderabad, India

web: niphm.gov.in

Title	:	Plant Bio-Security and Food Safety
Date and Duration	:	03 - 17 March 2018 (15 Days)
Venue	:	National Institute of Plant Health Management (NIPHM) Rajendranagar, Hyderabad, Telangana State, INDIA
Course Director(s)	:	Dr. Cherukuri Sreenivasa Rao Director (Pesticide Management) Dr. J. Alice. R. P. Sujeetha Director (Plant Bio-Security)
Course Coordinator (s)	:	Dr. Girish. A.G., Assistant Director Dr. Nirmali Saikia, Assistant Director

National Institute of Plant Health Management (NIPHM) is a National level premier institute under Department of Agriculture, Cooperation & Farmers Welfare (Ministry of Agriculture & Farmers welfare), Government of India, established in the year 1966 at Hyderabad. It became an autonomous body in the year 2008 with the expanded scope of promoting environmentally sustainable Plant Health Management practices in diverse and changing agro-climatic conditions through capacity building programmes, besides providing inputs for policy formulation on Plant Health Management, Plant Biosecurity and international market access, Pesticide Management etc. at national and International level.

NIPHM is creating a pool of master trainers by training them on various aspects of plant health management strategies to promote environmentally sustainable plant health management practices to reduce excessive reliance on chemical pesticides. NIPHM is the nodal capacity building training centre for stake holders involved in plant bio-security and quarantine issues, pesticide quality and residue analysis and food safety issues.

The concept of food production and international trade of agricultural produce and food commodities has changed after agreement on Sanitary and Phytosanitary Measures, for protection of plant and human health through plant quarantine and food safety regulations. The science based pest risk analysis has become an important component for international trade of agricultural food commodities

for prevention of introduction of new pests. Similarly, food safety standards are focussed for movement of food materials for the protection of human health.

NIPHM pioneered in training various international officials on these issues, and hence, the program is prepared with special focus on relevant international issues on food trade.

Objectives:

- To impart knowledge on International Regulatory Framework and SPS agreement
- To impart skills on pest risk analysis and phytosanitary treatments
- To impart knowledge on Food Safety Regulations
- To impart skills on Pesticide Residue Analysis and Risk Analysis for fixation of MRLs
- To impart knowledge and skills on Integrated Plant Health Management Concepts and Practices based on Agro Ecosystem Analysis and Ecological Engineering.

Key Contents of the Course:

- International and National regulatory frame work
 - SPS Agreement vis-à-vis Plant and Food Safety
 - Impact of introduced pests and potential looming plant pest threats of world
 - Pest Risk Analysis and Pest Surveillance Protocols
 - Phytosanitary Treatments & Importance of stored grain pests in International trade
 - Food Safety Concepts & Regulations
 - Quality control of Pesticides
 - Pesticide Residues in foods vis-à-vis International Food Trade
 - Residue analysis of Raw Agricultural Commodities and challenges in residue monitoring.
 - Risk analysis and fixation of Maximum Residue Limits
 - Integrated Plant Health Management Technologies for Food and Plant Safety
 - Agro Ecosystem Analysis and Ecological Engineering concepts for sustainable food production
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NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT

Department of Agriculture, Cooperation & Farmers Welfare
Ministry of Agriculture & Farmers Welfare, Government of India
Rajendra Nagar, Hyderabad, INDIA.

E-mail: niphm@nic.in, dirpmniphm-ap@nic.in, dirpqniphm-ap@nic.in

Phone: +9140-24010106, +9140-24018788