



ONLINE TRAINING PROGRAMME FOR TECHNICAL STAFF



DIAGNOSIS AND MANAGEMENT OF ECONOMICALLY IMPORTANT INSECTS

(9-23 November 2022)



Sponsored by
Indian Council of Agricultural Research
New Delhi

Course Director
Dr. Debjani Dey
Course Coordinators
Dr. Rajna S
Dr. Nithya Chandran
Dr. Timmanna

Division of Entomology,
ICAR-Indian Agricultural Research Institute,
Pusa Campus, New Delhi-110012

Introduction & Objectives

Agricultural practices are vital for the health of any ecosystems. Crop protection has a major role for achieving sustainability in agriculture. Among the various biotic agents, insects are of major concern. Insect pest identification and their management are crucial for agriculture. Integrated Pest Management (IPM) emphasizes the use of all available pest management tactics, viz., cultural, physical, mechanical, biological methods, habitat manipulation, ecological engineering, host plant resistance, and insecticide application in a holistic manner for efficient and cost effective pest control. Insects also have a beneficial role in ecosystem services like pollination and biological control. Additionally, the productive insects like honeybees, lac insect and silkworm are important for enhancing farmers' income. Hence, the training programme on **“Diagnosis and management of economically important insects in Agriculture”** is being organized with following objectives:

1. Diagnosis of insect pests and their natural enemies
2. To understand concept of integrated pest management
3. To understand mass rearing techniques for insect pests and natural enemies
4. To impart knowledge of beneficial insects and their management

Course content

The training course will mainly focus on the following topics: Insect biodiversity; Identification of insect pest of agricultural & horticultural crops, storage pests and their management; utilization of pheromones in insect pest management; mass multiplication of hosts for production of natural enemies; insect rearing techniques; insecticide toxicology and safe use of pesticides, pesticide residues and significance; biopesticides; nanotechnology; importance of apiculture, sericulture and lac culture.

Eligibility

The Technical personnel of ICAR institutes and from SAUs / CAUs / ICAR funded KVKs are eligible for participation in this online training programme. All the applications must be routed through the proper channel. There is **no course** fee for training since the training will be conducted online.

Duration

The duration of the training course will be **15 days** from **November, 9 to 23, 2022**

Online training

The training will be conducted online and the candidates should have Zoom accessibility . The zoom link will be shared with individual candidates through email after screening of the applications.

Last Date for nomination

The duly filled nomination form forwarded through proper channel must reach head_ento@iari.res.in on or before **October 29, 2022**. The nomination form can be sent by downloading from the website: www.iari.res.in .Selection would be based on the merit and the first come first basis. Announcement of the final selection will be intimated individually by **2nd November, 2022** only through email.

Contact Details

Course Director

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APPLICATION FORM

(To be sent directly to the Course Director)

Diagnosis and management of economically important insects in Agriculture (9-23 November, 2022)

- 1. Full Name (In block letters):**
- 2. Designation:**
- 3. Present employer and address:**
- 4. Correspondence address:**

Fax: _____

E-mail: _____

Mobile: _____

- 5. Date of birth & Age:**
- 6. Sex: Male/Female :**
- 7. Educational qualifications:**
- 8. Work experience:years**

Date:

Place:

Signature of the applicant

Recommendation of the Forwarding Authority:

Date:

Signature and Seal: