

PATRON IN CHIEF

Dr. Raja Ali Raza Anwar, *HI, SI, PoP*
Chairman, PAEC

PATRON

Dr. Shakeel Abbas Rofi, *SI*
Member (Science), PAEC
Prof. Dr. Muhammad Yussouf Saleem
CS/DG (A&B), PAEC

ORGANIZING COMMITTEE

Dr. Uzma Maqbool, DCS/Director
Dr. Sajid Nadeem, DCS /Head, PPD
Dr. Hafiz Muhammad Imran Arshad, PS
Ms. Asia Riaz, PS
Mr. Muhammad Arfan Tahir, Head Admin
Mr. Sajid Azmatz, Head, LAO

FACULTY

Dr. Sajid Nadeem, DCS /Head, PPD
Dr. Rashid Ahmad Khan, DCS, NIAB
Dr. Nazia Suleman, DCS, NIAB
Mr. Khalid Pervaiz Akhtar, PS, NIAB
Dr. Sumaira Yousaf, PS, NIAB
Ms. Asia Riaz, PS, NIAB
Dr. Hafiz Muhammad Imran Arshad, PS, NIAB
Dr. Javed Asghar Taraq, PS, NIAB
Dr. Noor Abid Saeed, PS, NIAB
Dr. Kamran Saleem, PS, NIAB
Mr. Muhammad Naveed, SS, NIAB

APPLICATION FORM

(Specimen: Use capital letters)

Photo

Name: -----

Official Position: -----

Organization: -----

Address: -----

Phone (Off.) ----- (Res.) -----

Mob No.: -----E-mail:-----

Date of birth: -----

CNIC# -----

Academic Qualification

	Inst.	Div.	Subject	Year
Matric				
F.Sc.				
B.Sc.				
M.Sc.				
M.Phil				
Ph.D.				

Research/Training experience: -----

Particular interest for training: -----

(Signature of Applicant)



14th National Workshop on

**SUSTAINABLE & INTEGRATED
MANAGEMENT OF INSECT PESTS
AND DISEASES OF CROPS**

October 29-30, 2025



**NUCLEAR INSTITUTE FOR
AGRICULTURE AND BIOLOGY
(NIAB), FAISALABAD
(PAKISTAN ATOMIC ENERGY COMMISSION)**

INTRODUCTION

The Nuclear Institute for Agriculture and Biology (NIAB), an establishment of Pakistan Atomic Energy Commission (PAEC), is striving for agricultural development in Pakistan by enhancing yield of crops along with food safety. NIAB is well equipped with manpower of 75 scientists and most of them are Ph.D holders. NIAB has close relationship with other establishments of PAEC and various institutions involved in R&D activities at home and abroad.

Agricultural crops are vulnerable to infestation by a range of insect pests throughout the year. To control these pests there has been a complete reliance on insecticides that has created many problems. Development of resistance in insects, residues of insecticides and aflatoxins in food are the major concerns to cope with. Integrated Pest Management (IPM) has got increasing attention as a potential mean of ameliorating crop losses while reducing reliance on insecticides, thereby enhancing the long term sustainability of agro-ecosystem. IPM integrates multiple strategies that cover mainly host plant resistance, cultural control, biological control and insecticide resistance management.

Many diseases are reducing the production of crops worldwide. Among these viral diseases are spreading at an alarming pace. Disease management strategies include the use of cultural practices, use of fungicides & insecticides to control insects serving as vectors, resistant/tolerant varieties and combination of compatible methods. Resistant varieties offer long-term, economical and environment safe solution. Continuous studies on characterization of virulent race/strains of pathogens and screening of pathogens free germplasm are inevitable to identify resistance.

Plant Protection Division (PPD) consists of research groups to manage insect pests and diseases. Utilizing the expertise of scientists and the facilities for plant protection, NIAB is going to conduct two days national workshop. This workshop will acquaint **students, teachers, industrialists and researchers** from private and public sectors with theoretical and practical aspects of insect pests and disease management.

WORKSHOP DESCRIPTION

- Rearing of beneficial insects their hosts and Bio-rationals for their use in IPM.
- Pests, pesticide and pest management.
- Integrated management of fruit flies in fruits and vegetables.
- Mechanism of disease resistance and biotechnological approaches in plant disease management.
- Important diseases and disorders of cotton, tomato rice, wheat, sesame, castor bean and pulses in Pakistan.
- Pesticide residues/aflatoxin detection.

SCHEDULE

Receipt of Applications

Application form completed in all respects along with copy of CNIC must reach the organizer by **October 20, 2025** through any convenient source. Application form can be downloaded from NIAB website (www.niab.org.pk).

Selection

A fixed number of applicants will be selected for participation. The selected candidates will be informed by **October 24, 2025**

Dates of the Workshop: October 29-30, 2025

Award of Certificates

Certificates will be awarded to the participants.

REGISTRATION FEE

Reg. fee will be charged as:

@ Rs. 3000/- (for Officials)

@ Rs. 2000/- (for Students only)

TRAVEL AND ACCOMMODATION

The nominating institutions / participants themselves shall bear the cost of travel and stay. NIAB will help to secure moderate priced accommodation for the participants, if requested well in advance.

ENQUIRIES/INFORMATION

Dr. Rashid Ahmad Khan, DCS

Dr. Nazia Suleman, DCS

Mr. Khalid Pervaiz Akhtar, PS

Ms. Asia Riaz, PS

Dr. Hafiz Muhammad Imran Arshad, PS

Dr. Noor Abid Saeed, PS

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For further information

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DCS/Head, PPD

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