

The Nuclear Institute for Food and Agriculture (NIFA), an establishment of Pakistan Atomic Energy Commission, is actively engaged in both basic and applied research in selected areas of food and agriculture. The institute is well equipped with modern laboratory facilities and highly trained manpower to address emerging agricultural challenges through innovative and sustainable approaches.

The Plant Protection Division of NIFA primarily focuses on the development of Integrated Pest Management (IPM) programs targeting economically important insect pests with minimal reliance on synthetic insecticides. Emphasis is placed on environmentally safe alternatives, including biological control agents, Entomopathogens for the management of invasive pests such as fall armyworm, nuclear and other advanced techniques, pheromone-based monitoring and control systems, botanical insecticides, insect baits and host plant resistance.

In addition, the division is actively exploring sustainable technologies such as BSF farming for efficient organic waste conversion into high-quality protein for poultry and livestock feed, contributing to circular bio-economy and climate-smart agriculture. All these approaches conform to international safety and quality standards for agricultural production.

The workshop aims to build capacity in eco-friendly pest management, focusing on Entomopathogens for Fall armyworm (FAW) control and sustainable approaches i.e., BSF farming. Participants will be introduced to practical, lab-tested Entomopathogenic formulations with proven effectiveness against fall armyworm. By the end of the workshop, participants will gain hands-on knowledge to protect crops sustainably, enhance productivity and improve market opportunities while promoting environmentally responsible agriculture.



Workshop on “Black Soldier Fly farming for sustainable poultry feed production and Fall armyworm control through Entomopathogens in maize crop”

May 20, 2026



Patron-in-Chief: Dr. Gul Sanat Shah, Director

Patron: Dr. S. Jawad Ahmad Shah, DCS/ HoD

Organizing Committee:

Mr. Muhammad Zahid, DCS (Workshop organizer)

Mr. Usman Khaliq, SS (Co-organizer)

E-mail: zahidnifa200028@yahoo.com
usmankhaliq15@gmail.com

Phone: 091 2964060-62 (Ext. 247, 299)

Mob: 0332 9201361; 03019401154

Fax: 091 2964059

Registration Fee

Rs. 2000/- for Private sector.

Rs. 1000/- for Researchers.

Rs. 500/- for Students.

Bank Payment Details

Account Title: NIFA generated income account.

Bank Name: National Bank of Pakistan.

Branch Code: 0824-NBP Taru Jabba Branch.

Account No: 3181070887.

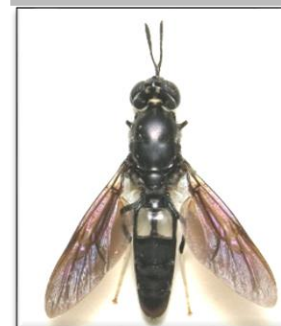
Note: Nominations along with paid fee receipt deposited in designated NIFA account must reach the workshop organizer on or before May 15, 2026.

NUCLEAR INSTITUTE FOR FOOD & AGRICULTURE (NIFA), PESHAWAR

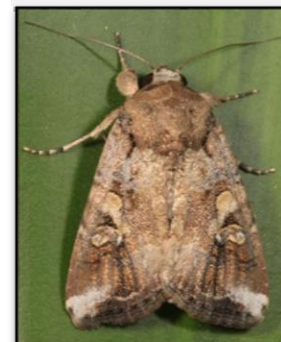
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Key Discussion Topics

Black Soldier Fly



Fall Armyworm



Entomopathogens

