

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

LOK SABHA

UNSTARRED QUESTION NO. 2934

TO BE ANSWERED ON 18TH MARCH, 2025

NEW RESEARCH INITIATIVES BY ICAR-NIPHM

2934. DR.VINOD KUMAR BIND:

SHRI PRATAP CHANDRA SARANGI:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री

be pleased to state:-

- (a) the details of new research initiatives or technologies ICAR-NIPHM is currently working on;
- (b) the manner in which ICAR-NIPHM collaborate with international agricultural research institutions; and
- (c) the manner in which the Government is promoting sustainable and organic farming practices through ICAR-NIPHM ?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAM NATH THAKUR)

(a) to (c): National Institute of Plant Health Management(NIPHM) an autonomous organization under Department of Agriculture and Farmers Welfare is undertaking various research initiative or technologies for improvement of Plant Protection Technology, Plant quarantine and Bio-security with special emphasis on crop-oriented Integrated Pest Management approaches for enhancing our country's agricultural production namely validation of the protocols for the analysis of quality parameters of formulation (i) Humic acid, Fulvic acid and their derivatives and (ii) Mixed Formulations of biostimulants, Project on Biological Control of two Crop Pests (ICAR-AICRP-BC), Biodiversity of natural enemies in maize ecosystem and evaluation of NIPHM white media for the production of *Nomuraea rileyi* (*Metarhizium rileyi*) for management of Maize Fall Army Worm (*Spodoptra frugiperda*), Development of eco-friendly integrated stored grain pest management techniques for bulk grain storage in FCI godowns, Survey and field evaluation of Sterile Insect Technique for the management of Oriental fruit fly, *Bactrocera dorsalis* (*Diptera: Tephritidae*) infesting economically important fruit crops.

Further, NIPHM is promoting the sustainable and organic farming practices by organizing capacity building programs for officers and farmers of different states on various Plant protection related subjects namely training and demonstration of bioinputs under Soil and Root Health Management scheme to promote bio inputs, promotion of bio inputs, sustainable Plant health management etc. So far NIPHM has not entered into any formal collaboration with International agricultural research institute.
