

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

LOK SABHA
UNSTARRED QUESTION NO. 4115
TO BE ANSWERED ON 25TH March, 2025

NATIONAL PEST SURVEILLANCE SYSTEM

4115. SHRI SHRIRANG APPA CHANDU BARNE:
SMT. BHARTI PARDHI:

Will the Minister of Agriculture and Farmers Welfare कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether there is a need to strengthen pest surveillance and management through National Pest surveillance System;
- (b) if so, the steps taken for pest management across the country alongwith the results achieved thereby so far;
- (c) whether the Government is implementing a six-point strategy to boost the agriculture sector, if so, the details thereof along with main objectives;
- (d) the manner in which Government will ensure effective coordination between the Union and State Governments to address agricultural challenges at the grassroots level;
- (e) whether there is a need to incentivize and encourage farmers to grow a variety of crops and engage in allied agricultural activities to reduce risk and increase income; and
- (f) if so, the steps taken so far along with the success achieved?

ANSWER

MINISTER OF STATE (AGRICULTURE & FARMERS WELFARE)
कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAM NATH THAKUR)

- (a) & (b): The National Pest Surveillance System (NPSS) has been launched on 15th August, 2024 by the Hon'ble Union Minister of Agriculture and Farmers Welfare to enhance the surveillance and management of pest diseases across the country. The system utilizes latest digital technologies such as Artificial Intelligence and Machine Learning (AI and ML) to provide quick and instant solution regarding pest attacks, crop diseases, crop damages etc. by issuing real time crop protection advisory to the farmers. It includes a user-friendly mobile app and a portal for identification of pests and disease mitigation.

NPSS is being used by the farmers across the country for identification of pests and diseases in 61 crops and pest management advisories for 15 major crops namely cotton, paddy, wheat, maize, pigeon pea, moong, soyabean, sugarcane, brinjal, tomato, apple, banana, grapes, pomegranate. NPSS is currently available in four languages namely English, Hindi, Marathi and Punjabi. So far, 10154 pest management advisories have been issued through NPSS for the benefit of farmers.

(c) to (f): The Government has formulated six point strategy for the welfare of farmers and development of agriculture. Strategies for increasing farmer incomes include improving crop productivity, reducing cost of production, agricultural diversification, adaptation to climate change for sustainable agriculture and compensation of farmers' losses. Further, Ministry has formulated various schemes and programs to ensure effective coordination between the union and state governments and to address agricultural challenges at the grassroots level and also to incentivize and encourage farmers to grow a variety of crops. The list of schemes/ programmes implemented by DA&FW is enclosed at Annexure-I.

List of Schemes/ Programmes implemented by DA&FW

1. Pradhan Mantri Kisan Samman Nidhi (PM-KISAN)
2. Pradhan Mantri Kisan Maan Dhan Yojana (PM-KMY)
3. Pradhan Mantri Fasal Bima Yojana (PMFBY)/ Restructured Weather Based Crop Insurance Scheme (RWBCIS)
4. Modified Interest Subvention Scheme (MISS)
5. Agriculture Infrastructure Fund (AIF)
6. Formation and Promotion of 10,000 new Farmer Producers Organizations (FPOs)
7. National Bee Keeping and Honey Mission (NBHM)
8. Namu Drone Didi
9. National Mission on Natural Farming (NMNF)
10. Pradhan Mantri Annadata Aay SanraksHan Abhiyan (PM-AASHA)
11. Agri Fund for Start-Ups & Rural Enterprises' (AgriSURE)
12. Per Drop More Crop (PDMC)
13. Sub-Mission on Agriculture Mechanization (SMAM)
14. Paramparagat Krishi Vikas Yojana (PKVY)
15. Soil Health & Fertility (SH&F)
16. Rainfed Area Development (RAD)
17. Agroforestry
18. Crop Diversification Programme (CDP)
19. Sub-Mission on Agriculture Extension (SMAE)
20. Sub-Mission on Seed and Planting Material (SMSP)
21. National Food Security and Nutrition Mission (NFSNM)
22. Integrated Scheme for Agriculture Marketing (ISAM)
23. Mission for Integrated Development of Horticulture (MIDH)
24. National Mission on Edible Oils (NMEO)-Oil Palm
25. National Mission on Edible Oils (NMEO)-Oilseeds
26. Mission Organic Value Chain Development for North Eastern Region
27. Digital Agriculture Mission
28. National Bamboo Mission
