

## BACKGROUND

The Department of Agriculture (DoA) under the Ministry of Agriculture and Livestock Development (MoALD), Nepal was established in 2008 BS and restructured in 2074 BS into six central agencies and fourteen farm centers across the country. The DoA is responsible to disseminate agricultural services and technology to the farmers.

Currently, the DoA implements agricultural development programmes aimed at achieving the goals and objectives outlined in the Agricultural Development Strategy (2072-2092), the National Agricultural Policy (2061), and the Sixteenth Periodic Plan (2081/82-2085/86). The overarching goal of the DoA is to contribute to food security and poverty reduction by promoting sustainable economic growth through commercial and competitive agriculture. The strategic objectives of the DoA are; developing commercial and competitive agricultural systems by identifying and promoting crop and commodity-specific production areas based on local potential, comparative advantage, and national priority.

In the field of plant protection, the DoA strengthens the capacity of provincial and local governments, formulates and implement plant protection policies and programmes, and promotes initiatives such as Organic Agriculture, Integrated Pest Management (IPM) and Good Agriculture Practices. It also promotes and support the industries like mushroom, honeybee, and silkworm through policy development, programme implementation, monitoring, evaluation, and coordination with other government and non-government agencies, including the cooperatives, farmers' groups, and private sectors. The Central Agricultural Laboratory (CAL) under the DoA also supports plant protection by capacitating local and provincial officials and technicians, diagnosing plant pests, and pesticide residue analysis through Rapid Bioassay of Pesticide Residue for Organophosphate and Carbamates at twelve agricultural market centers across the country.

The National Plant Protection Organization-Nepal (NPPD-Nepal) has been established by the government of Nepal to implement the standards, guidelines and recommendations suggested by the International Plant Protection Convention (IPPC). Specifically, the Plant Quarantine and Pesticide Management Centre (PQPMC) assigned as a NPPD Secretariat, primarily to ensure the phytosanitary security for the export and import of plants and plant products. Under the

overall supervision and guidance of NPPD, the Plant Quarantine and Protection Act, 2064 and the Plant Quarantine and Protection regulation, 2066 is being executed by the Plant Quarantine and Pesticide Management Center and its frontier offices. This center is also responsible for the execution of Pesticide Management Act, 2076 & Pesticide Management Regulation, 2081, for pesticide regulation and management. Furthermore, other development partners and private organizations are also providing plant protection services to the farmers.

The National Plant Pathology Research Centre, the National Entomology Research Centre, and the National Agronomy Research Centre under the Nepal Agricultural Research Council, Nepal Academy of Science and Technology and Academic institutions such as Agriculture and Forestry University (AFU), Tribhuvan University (TU), Purbanchal University (PU) and Kathmandu University (KU) are the key wings of researches in the plant protection sector. Likewise, plant protection education is being provided through universities and other academic institutions in Nepal. Provincial and local governments also deliver Plant Protection services at field level in their respective areas.

**Plant Protection Society Nepal (PPS Nepal)** is a professional organization established to cooperate with plant protection experts from diverse fields such as extension, policy, research, academia, and entrepreneurship on a common platform. It aims to foster constructive engagement on national and international plant protection issues through seminars, workshops, and conferences. The society encourages sharing of ideas across all levels of expertise to benefit Nepal's agrarian community. PPS Nepal also publishes the Journal of the Plant Protection Society, with eight volumes released by 2023, and is supported by experienced professionals in extension, research, and education.

The role of plant protection in the transboundary movement of goods is very important. Phytosanitary certification to ensure the product safety from quarantine pests of a specific country is highly regarded in the international trade of plants and plant products. Hence, the role of plant protection in managing plant health at the national and global levels is very challenging. In this context, the Department of Agriculture, in collaboration with the PPS Nepal, is going to organize a national plant protection workshop with the following objectives:

## OBJECTIVES

- To disseminate knowledge on **Integrated Pest Management (IPM)**, biological control, and eco-friendly practices.
- To encourage the adoption of sustainable and climate-resilient pest and disease management strategies.
- To improve the coordination of DoA for an effective role among other plant protection sectors
- To increase awareness of the significance of plant protection for protecting plants and protecting life;
- To develop a framework for strengthening the plant health system of Nepal.

## THEMATIC AREAS

- Integrated Pest Management for safeguarding crops for food and nutritional security of people;
- Research for plant protection in Nepal;
- Plant protection works in academia;
- Biological control of devastating pests in Nepal;
- Climate change, pests and diseases outbreaks;
- Professional societies in facilitating the national goal of plant protection - present context and future vision;
- Plant protection policies and structure in Nepal - past concept and present status - way forward to cater the challenges;
- Pesticide and its management aspect.

## REPRESENTATIVE ORGANIZATIONS

1. Ministry of Agriculture and Livestock Development (MoALD)
2. Department of Agriculture (DoA)
3. Plant Quarantine and Pesticide Management Centre (PQPMC)
4. Seed Quality Control Centre (SQCC)
5. Central Agricultural Laboratory (CAL)
6. National Centre for Fruit Development (NCFD)
7. Centre for Industrial Entomology Development (CIED)
8. Nepal Agricultural Research Council (NARC<sup>a</sup>)
9. National Entomology Research Centre (NERC)
10. National Plant Pathology Research Centre (NPPRC)
11. National Agronomy Research Centre (NARC<sup>b</sup>)

12. Academic Institutions (AFU/TU/PU/KU/MWU/FWU)
13. Provincial Plant Protection Laboratories (PPPL)
14. Plant Protection Society Nepal (PPSN)
15. The IPM Trainers' Association Nepal (TITAN)
16. IPM Farmer's Association (IPMFA)
17. Pesticide Entrepreneur's Association Nepal (PEAN)
18. Development Partners (FAO, CABI, iDE Nepal etc.)
19. Federation of Farmers' Group etc.
20. Retired Scientists, Academicians and Professionals
21. Private Sectors
22. Other Professional Societies in Agriculture

### PROGRAM SCHEDULE

- Opening Session
- Technical Sessions
- Concluding Session

### WORKSHOP STEERING COMMITTEE

Mr. Prakash Kumar Sanjel, DG, DoA  
 Dr. Dilli Ram Sharma, President, PPSN  
 Dr. Hari Bahadur K.C., JS, MoALD  
 Mr. Bhojraj Sapkota, Chief, PQPMC  
 Dr. Ajay Shree Ratna Bajracharya, Chief, NERC  
 Mr. Suraj Baidya, Chief, NPPRC

### CONVENOR

Dr. Dilli Ram Sharma, President, PPSN

### FINANCIAL COMMITTEE

#### Coordinator

Mr. Achyut Prasad Dhakal, PPSN

#### Members

Dr. Sabitri Baral, CIED  
 Mr. Kapil Kafle, TU  
 Mr. Hom Bahadur B.K., DoA  
 Mr. Surendra Subedi, PPSN  
 Mr. Drona Bahadur Budhathoki, CAL

Mr. Dhurba Bhatta, PPSN  
 Mr. Madhav Bhatta, PQPMC

#### Member Secretary

Mr. Lalit Sah, iDE Nepal

### MANAGEMENT COMMITTEE

#### Coordinator

Mr. Mahesh Chandra Acharya, NCFD

#### Members

Mr. Sahadev Prasad Humagain, PPSN  
 Mr. Sudhir Poudel, PPL  
 Mr. Hom Bahadur B.K., DoA  
 Mr. Mahesh Timilsina, CAL  
 Ms. Pratikshya Adhikari, Karma Group

#### Member Secretary

Mr. Madhav Bhatta, PQPMC

### TECHNICAL COMMITTEE

#### Coordinator

Prof. Dr. Resham Bahadur Thapa, TU/AFU

#### Members

Dr. Hira Kaji Manandhar, NARC<sup>a</sup>/NPDA  
 Prof. Dr. Sundar Tiwari, AFU  
 Dr. Sunita Pandey, MoALD  
 Dr. Kashinath Chiluwal, NARC<sup>a</sup>  
 Mr. Lalit Sah, iDE Nepal

#### Member Secretary

Dr. Debraj Adhikari, PMAMP

### IMPORTANT DATES

- Abstract Submission Deadline: 25 Jestha 2082 (08 June 2025)
- PowerPoint/Poster Submission Deadline: 15 Asar 2082 (29 June 2025)
- Workshop Date: 17 Asar 2082 (01 July 2025)
- Full Manuscript Submission Deadline: 19 Asar 2082 (03 July 2025)

बालीको सुरक्षा, देशको समृद्धि  
 Plant Protection for Nation's Prosperity

# National Plant Protection Workshop 2025



Asar 17, 2082 (1 July, 2025), Tuesday



Square Hotel, Pulchowk, Lalitpur, Nepal



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