

National Symposium

ALTERNATIVE APPROACHES IN PLANT
HEALTH MANAGEMENT FOR
ENHANCING FARMERS' INCOME

November 2-3, 2018



Organizers

Department of Plant Pathology

Dr YS Parmar University of Horticulture & Forestry

Nauni, Solan, HP-173230

in association with

Indian Phytopathological Society

Division of Plant Pathology, IARI, New Delhi

&

Himalayan Phytopathological Society

Department of Plant Pathology

UHF, Nauni, Solan, HP-173230



INVITATION AND CALL FOR ABSTRACTS

The Organizing Committee is pleased to extend a cordial invitation to attend Annual Meeting of Indian Phytopathological Society (North Zone) and Himalayan Phytopathological Society & National Symposium on **"Alternative Approaches in Plant Health Management for Enhancing Farmers' Income"** at Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan (HP) on **2-3rd November, 2018**.

ABOUT SOLAN: Name of the city has been derived from the name of the **Goddess Shoolini** which has a magnificent temple in the heart of the city. It is also known as **"Mushroom City of India"** because of the vast mushroom farming in the surrounding areas. There are famous tourist destinations in the periphery of the city like Shimla, Chail, Kasauli and Subathu which are a showcase of serene environment of the hills. Solan is easily accessible by road as well as train. It is about 68 kilometers from Chandigarh and 48 kilometers from Shimla. The nearest broad gauge railway station is at Kalka and nearest narrow gauge railway station is at Solan, which is connected by regular bus services. The nearest airports are in Shimla and Chandigarh which are about 70 km and 80km, respectively, from Solan.

ABOUT THE VENUE: The venue of the national symposium i.e. **Dr YS Parmar University of Horticulture and Forestry is located at Nauni** which is about 16 km from Solan bus stand on Solan Rajgarh road. Delegates travelling by bus from Solan should drop at University entrance gate at Nauni. The weather in Solan during November will be moderately cool during day time but cool during nights. The delegates are, therefore, advised to bring woolen clothes also.

ABOUT THE UNIVERSITY: The University has been established on 1st Dec. 1985 with the objective to provide education, research and extension education in the fields of horticulture, forestry and allied disciplines. The university has earned the status of being first in Asia especially dedicated to horticulture and forestry education, research, and extension and has contributed to sustainable development of Horticulture and Forestry in Himachal Pradesh, and other Himalayan states of the country.

THEME OF THE SYMPOSIUM

The traditional agricultural approaches have given birth to problems associated with repeated production of same crop year after year on same piece of land, increased costs of energy-based inputs and decreased farm incomes, leading to emergence of ecological disturbances such as poor biodiversity, soil and water pollution, and soil erosion. Further, the climatic variability is also affecting crop cultivation leading to biotic and abiotic stresses, thus leading to serious concerns for plant health management. A strategic alternative approaches are required to tackle plant health risks and issues that affect production and productivity of the crops being grown by the farmer. Plant diseases are one of the important factors which have a direct impact on global crop productivity. In the last four decades, effective management of diseases has played a key role in augmenting food production, but diseases are responsible for causing 14-15 per cent losses of the global harvest. Emerging challenges of climate change, ecological issues and pests and diseases are also making plant health management a more complex task. Plant Health Management is vital for the sustainable agriculture, food security, food safety, agro-based industries and economy of a country. In special context of northern India, the rice-wheat crop rotation, sustainable horticulture in hilly areas, protected cultivation of vegetable and flower crops are providing economic viability to the farmers of the area. However, intensive cultivation is increasing vulnerability of crop plants to various diseases besides leading to soil sickness due to increasing load of inoculum. Hence, new health problems in agricultural and horticultural crops are emerging which are causing serious economic losses to the growers. Further, indiscriminate use of natural resources and chemicals has far reaching consequences on soil health, crop harvest and environment and human health. There is a need to properly diagnose different

types of diseases and other abiotic stresses in plants and come up with alternative approaches for disease management on a sustainable basis for enhancing farmers' income. The present symposium will address some of these emerging issues related to molecular diagnosis, ecofriendly approaches, plant nutrition and biotic stresses, induced resistance and management of plant health problems in order to develop guidelines for future research especially under the perspective of agriculture, horticulture, vegetables etc. in India as a step forward for doubling the farmers' income by 2022. The eminent Scientists involved in Plant Health Management research in reputed Universities or National Institutes in India are being invited as lead speakers for below mentioned themes of the symposium.

THEMES

1. Molecular approaches in disease diagnosis and management
2. Climate change, disease epidemiology, forecasting, forewarning and disease management
3. Eco-friendly plant health management strategies
4. Restricted, need based, and cost-effective chemicals in plant health management
5. Plant nutrition, induced resistance and biotic/abiotic stress management
6. Interaction session with the farmers for reducing input costs and mushroom culture for enhancing income
7. Prof. M. J. Narasimhan Academic Merit Award/APS travel sponsorship for Ph. D. students contest

GUIDELINES FOR ABSTRACT SUBMISSION

Abstracts in your area of expertise are invited in the following format:

Font	: Times New Roman
Theme area Title	: Font size 12 regular, to be typed in top center of the abstract
Paper Title	: Font size 14 bold, preferably less than 100 characters
Author(s) Name	: Font size 12, italics, presenting authors name should be bold
Affiliation	: Font size 10 regular, should include complete postal address PIN code followed by e-mail address of the presenting author
Text	: Font size 12 regular with 1.15 spacing left aligned and right justified

The abstracts of good quality papers actually presented fulfilling requirements of the journal and approved by the Zonal Chapter President will be published in the Indian Phytopathology online.

Email ID for abstract submission & correspondence: ipsnzsymposium2018@gmail.com

LAST DATE FOR SUBMISSION OF ABSTRACTS: October 1, 2018

PROF. M. J. NARASIMHAN ACADEMIC MERIT AWARD CONTEST

The award is open for the young scientists up to the age of 35 years, who are members of IPS during the year of presentation. The contestants will have to give a certificate which can be downloaded from IPS website. The time for presentation will be 15 minutes. Abstracts of all the contestants will be published in Indian Phytopathology. Only two names will be selected for final contest. The selected contestant will provide an abstract up to 200 words along with brief biodata to the Secretary, Indian Phytopathological Society through Zonal President. The abstract submitted for **Prof. M. J. Narasimhan Academic Merit Award Contest** should be **marked on the top of right hand side**. The abstract should reach by e-mail to the Organizing Secretary, Department of Plant Pathology, Dr YSP University of Horticulture and Forestry, Nauni, Solan (HP) latest by **October 1, 2018**.

APS TRAVEL SPONSORSHIP FOR **Ph.D.** STUDENTS

APS Travel Sponsorship for Students has been instituted. The purpose of this award is to encourage plant pathology students pursuing a doctoral degree in India, who are members of IPS, to attend the APS Annual Meeting or other APS sanctioned meeting if deemed appropriate by the IPS and APS Foundation Board. The award has been established with contributions from Plant Pathologists of Indian Origin. Students will compete at the zonal competitions in India, and the awardee will be chosen from the top student presenters at these zonal competitions. The time for presentation will be 15 minutes. The fund will reimburse the awardee for return airfare from India to the meeting venue, accommodation, and incidentals. **The awardee is expected to bear the cost of meeting registration.** All the contestant/recipients should be the member of the Society during the year of presentation. Associate Members are not eligible for contest. The contestants will have to give a brief biodata, the certificate furnishing the age proof and proof of pursuing Ph. D. (First to Third year only) and a short paragraph, stating how participation in the APS meeting will lead toward achievement of their professional goals. The abstract submitted for **APS Travel Sponsorship** should be **marked on the top of right hand side**. The abstract should reach by e-mail to the Organizing Secretary, Department of Plant Pathology, Dr YSP University of Horticulture and Forestry, Nauni, Solan (HP) latest by **October 1, 2018**.

A candidate fulfilling the above mentioned requirements can participate only for one award contest and not for both.

GUIDELINES FOR PREPARING POSTERS

Posters must include the title, author(s) name & address, introduction, materials & methods, salient achievements, and 1-2 references, if required. Each poster will be provided with **maximum space of 1 sqm**. Three best posters, in order, will carry a citation and cash award of Rs. 1500/-, Rs. 1000/- and Rs. 500/-, respectively.

REGISTRATION FEE

Delegates	: Rs. 3000/-
Research Fellows/ Research Associate	: Rs. 2500
Students	: Rs. 1500/-
Companies/ Institutions	: Rs. 5000/-

Bank Details for Demand Draft/ Online Transfer

Beneficiary Name- **National Symposium**; Bank Name- **UCO Bank, UHF, Nauni, HP 173230**;
Account number: **09690110051535**; IFSC code: **UCBA0000969**. The intimation may be sent to the Organizing Secretary through email.

ACCOMMODATION

Only national executives of the society and few participants can be accommodated in the University guest house on first come first serve basis. However, good hotels are also available in the Solan City and on the way to Nauli to accommodate the participants. The tariff of economy rooms in these hotels ranges from Rs. 1500/- to Rs. 5000/- per head and stay arrangements would be made as per the individual demand.

SPONSORSHIP & ADVERTISEMENT

The Book of Abstracts cum Souvenir of the symposium will be printed containing articles from renowned scientists and educationists. The advertisements by the agricultural firms/organizations can be printed. The rates for the advertisements are as follows: Full page insertion (colour): Rs. 30,000/-; Half page insertion (colour):Rs. 15, 000/- ; Back cover page (colour): Rs. 40, 000/-; Inner page of back cover (colour):Rs. 35, 000/-.

The fee may be remitted through Demand Draft or online transfer as per the bank details given above.

For further details, please contact:

Dr Satish K Sharma

Joint Director Research (H), President IPS (NZ) & Organizing Secretary

E-mail: satishsharma2026@gmail.com; Mobile: 94180 59929

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Phone (office): 01792 252140 Fax: 01792 252030

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Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan, HP

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Dean, College of Horticulture

Dr S K Gupta

Student Welfare Officer

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Joint Director Research (H) & President IPS (NZ)

CO-ORGANIZING SECRETARY

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Assistant Professor & Councillor IPS (NZ)

Department of Plant Pathology, Dr YS Parmar University of Horticulture & Forestry, Nauni, Solan-173230

Email: ipsnzsymposium2018@gmail.com Phone (O): 01792 252140 Fax: 01792 252030



REGISTRATION FORM

Name -----

Designation-----

Organization-----

Mailing Address-----

Tel. ----- Fax -----

E-mail:-----

Title of the paper-----

Accompanying person (s) -----

Arrival date and time -----

Date and time of departure -----

Accommodation required/ not required -----

Registration fee details:

DD no. and date -----

Bank ----- Amount -----

Signature

Bank Details for Demand Draft/ Online Transfer:

Beneficiary Name- **National Symposium;**

Bank Name & Address- **UCO Bank, UHF, Nauni, HP 173230;**

Account number: **09690110051535;**

IFSC code: **UCBA0000969.**

The intimation may be sent through email to

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