



# International e-Conference on

## Postharvest Disease Management and Value Addition of Horticultural Crops

**AUGUST 18-20, 2021**

Venue:  
**ICAR-IARI**  
New Delhi, India

Call for  
**Registration  
&  
Abstracts**

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## Preamble

Horticultural produce play an important role in not only supplying protective foods to human health and well being but also in generating income. Since, they are perishable in nature, postharvest loss in fruits and vegetables range from 15 to 50% of total food produced in developing countries starting from harvesting to marketing. This led to increased concern over food safety and nutrient security in India and abroad. Postharvest diseases caused by different groups of fungi and bacteria during storage and in the supply chain are managed by various methods such as refrigeration, storage in controlled atmosphere, chemicals, and physical methods. However, for the past two decades, the thrust on biological control strategies has emerged as a promising alternative to the use of synthetic chemical pesticides in pre-harvest to reduce postharvest diseases, especially when harmoniously blended with other already established classic methods. The integrative strategies for management of postharvest diseases include inhibiting pathogen growth, enhancing resistance of hosts and improving environmental conditions favourable to the host and unfavourable to the pathogen growth including biotechnological approaches.

The virtual **International Conference on Postharvest Disease Management and Value Addition of Horticultural Crops** aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of postharvest handling, diseases and processing of horticultural commodities to reduce postharvest losses and retain the quality of the produce. It will also provide a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the field of horticultural crops. Event will run over a span of time during the conference depending on the number and length of the presentations. With its high quality, it provides an exceptional value for students, academics and industry researchers.

## Thematic Sessions

1. **Detection, diagnosis and diversity of postharvest pathogens**
2. **Pre-harvest practices for quality and post harvest disease management**
3. **Chemical and non- chemical methods for disease management**
4. **Mycotoxins and their impact on human & animal health**
5. **Plant quarantine, biosafety and residue management**
6. **Postharvest quality, value addition, export and entrepreneurship**



## Call for Contributions

The authors are requested to contribute through submissions of their research abstracts, papers and e-posters. High quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of postharvest handling, diseases and disorders and value addition of horticultural crops are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research materials.

### Guidelines for Authors

Please ensure your submission meets the conference's strict guidelines for accepting scholarly papers. Download the check list for extended summary and abstract papers. Please refer to the paper submission guideline, abstract submission guideline and author Information before submitting your paper.

### Conference Proceedings

All submitted conference papers will be blind peer reviewed by three competent reviewers. The peer-reviewed conference proceedings will be indexed in the Open Science Index, Google Scholar, Semantic Scholar and other index databases. The extended summary of presented papers will also be published in Indian Phytopathology.

## Call for Abstracts

### Submission of abstract for oral/poster presentation

There will be scientific sessions on various topics identified for the conference in the form of invited lectures and poster presentations. Abstracts should be submitted as per the approved format provided in about 300 words excluding title, affiliation etc. (not more than one page, A4 size). On line Submission through e-mail is strongly encouraged (1.5 spacing, font size 10, Arial font). Please contact the Organizing Secretary ([dinesh\\_jari@rediffmail.com](mailto:dinesh_jari@rediffmail.com)) if you don't receive confirmation about the receipt of your abstract within 10 days of submission. The Scientific Programme Committee reserves the right to edit/reject any abstracts, if required. Abstracts will be printed only after receiving the registration fee.

## Abstract Format

**Technical session entitled :** .....

**Inheritance of blast resistance and its allelic relationship with five major *R* genes in a rice landrace "Vanasurya" H.** Rajashekara<sup>1\*</sup>, Ranjith K. Ellur<sup>3</sup>, Apurva Khanna<sup>3</sup>, M. Nagarajan<sup>3</sup>, S. Gopala Krishnan<sup>3</sup>, A.K. Singh<sup>3</sup>, P. Sharma<sup>2</sup>, T.R. Sharma<sup>1</sup> and U.D. Singh<sup>2</sup>

<sup>1</sup>Crop Protection Section, Vivekananda Institute of Hill Agriculture, Almora 263 601, Uttarakhand, India; <sup>2</sup>Division of Plant Pathology, Indian Agricultural Research Institute, New Delhi-110 012, India; <sup>3</sup>Division of Genetics, Indian Agricultural Research Institute, New Delhi-110 012, India; <sup>4</sup>Rice Breeding and Genetics Research Centre, Indian Agricultural Research Institute, Aduthurai-612 101, Tamil Nadu, India; <sup>5</sup>National Research Centre on Plant Biotechnology, New Delhi-110 012, India

A rice landrace "Vanasurya" was identified to be blast resistant after multilocation evaluation under uniform blast nursery (UBN). The F<sub>2</sub> population derived from the cross between Vanasurya x susceptible rice cultivar, CO 39 showed a segregation of 3R:1S, which revealed that the resistance to blast disease is governed by a single dominant gene.

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## Registration fee

|                  | Indian (INR)     |           |         | Foreign (USD)    |           |       |
|------------------|------------------|-----------|---------|------------------|-----------|-------|
|                  | Registration fee | GST @ 18% | Total   | Registration fee | GST @ 18% | Total |
| <b>Members</b>   | 500.00           | 90.00     | 590.00  | 20.00            | 3.60      | 23.60 |
| <b>Students</b>  | 300.00           | 54.00     | 354.00  | 10.00            | 1.80      | 11.80 |
| <b>Corporate</b> | 1000.00          | 180.00    | 1180.00 | 30.00            | 5.40      | 35.40 |

- Information to be added by IPS regarding payment.
- **Online Credit Card Processing**
- Online payment option available for author and attendee delegates.
- Conference participants can make online credit card payment for conference registration fee.

## Registration

The conference will be open for registered delegates. The details of registration fee are given below. The filled registration form be sent to the Organizing Secretary before July 31, 2021, alongwith the registration fee details. The registration fee can also be paid through cheque/ demand draft in favour of "Society for Green World and Sustainable Development" payable at Jhansi.

Registration may be made using debit/ credit card. Card payment can be made on line *via* the conference website (<http://www.sgwsd.in>). Only Master, Visa and American Express cards will be acceptable. The registration fee will be paid in INR/USD. Consequently, the amount charged to your account may be vary as per existing exchange rates on the date of payment. Registration can also be made *via* net banking (NEFT) using the following banks details:

**Registration can also be made via net banking (NEFT) using the following banks details:**

Name of the Account Holder : Society for Green World and Sustainable Development

Name of the Bank : Indian Bank

Name of the Branch : Bipin Bihari College, Jhansi

Account Number : 50376228890

IFSC Code : IDIB000B501

MICR Code : 226019232

Branch Code : 6141

IBGA Code : B501







## About IARI

The journey of Indian Agricultural Research Institute (IARI), popularly known as Pusa Institute, began in 1905 at Pusa (Bihar) with the generous grant of 30,000 pounds from an American Philanthropist, Mr. Henry Phipps. The institute was then known as Agricultural Research Institute (ARI) which functioned with five departments, namely Agriculture, Cattle Breeding, Chemistry, Economic Botany and Mycology. Bacteriology unit was added in 1907. The name of ARI was changed to Imperial Institute of Agricultural Research in 1911 and, in 1919 it was renamed as Imperial Agricultural Research Institute. Following a devastating earth quake on 15th January 1934, the institute was shifted to Delhi on 29th July 1936. Post independence, the institute was renamed as Indian Agricultural Research Institute (IARI). The green revolution that brought smiles to millions of Indians bloomed from the fields of IARI with the development of famous wheat varieties which contributed an estimated one billion tones of additional production. As the mother of several ICAR institutions, IARI continues to be the leading institution for agricultural research, education and extension in the country. Currently, the Institute has 20 divisions 5 multi-disciplinary Centres situated in Delhi, 8 regional stations, 2 off-season nurseries, 3 All India coordinated research projects with headquarters at IARI and 10 national Centres functioning under the all India coordinated research projects. It has the sanctioned staff strength of 3540 comprising scientific, technical, administrative and supporting personnel.

## About Division of Plant Pathology

The Division of Plant Pathology is more than 115 years old. It was originally established in 1905 as Mycology section of Imperial Agricultural Research Institute (IARI) at Pusa, Bihar to initiate mycological and plant pathological research in India. The sectional status was raised to the status of Division of Mycology in 1943-44 after the Institute was shifted to New Delhi. Subsequently, it was named as Division of Mycology and Plant Pathology in 1947-48 and later it was designated as Division of Plant Pathology. Two Regional Stations, one at Pune (Maharashtra) and other at Kalimpong (West Bengal) are part of this division for the research on plant viruses. Disease diagnosis, detection of pathogens and management of disease risks have been the main fabric of divisional research. The Division has evolved over the years with four major sections, i.e., Mycology, Fungal Pathology, Bacteriology and Virology. *Herbarium Cryptogamae Indiae Orientalis* (HCIO) and Indian Type Culture Collection (ITCC), Center for Advanced Faculty Training (CAFT) in Plant Pathology and Referral Center for virus indexing of tissue culture raised plants are the "Life Lines". The mandate of the division is to conduct basic and applied research leading to detection, identification and management of plant pathogens, serves as a Centre for academic excellence in the area of Post-Graduate education and training in Plant Pathology and provide national leadership in plant pathological research through the development of new concepts and technologies.





## Important dates to remember



|                                       |                        |
|---------------------------------------|------------------------|
| <b>Registration</b>                   | <b>May 01, 2021</b>    |
| <b>Abstract submission (open)</b>     | <b>May 01, 2021</b>    |
| <b>Abstract submission (closing)</b>  | <b>July 31, 2021</b>   |
| <b>Submission of extended summary</b> | <b>August 10, 2021</b> |

### Presentation types:

- **Digital presentation** will be made during conference using digital technology including embedded (digital elements texts, tables, graphs, or videos) for Power Point sharing.

### BEST PAPER AWARDS / BEST PRESENTATION AWARDS

'Best Paper Award / Best Presentation Award' will be conferred on the author(s) of an abstract or a full paper presented in the conference. Selection is made based on the best combined marks of the abstract / paper review and presentation quality appraisal conducted by the Session Chair at the conference venue, and assessed by the Program Committee. Award winners will be announced in valedictory function at the end of the conference. The author(s) of a selected paper/presentation will receive a signed and stamped official Best Paper Award / Best Presentation Award e-certificate.

## Local Organizing Committee

| Committee                     | Chairperson         | Co-Chairperson          |
|-------------------------------|---------------------|-------------------------|
| Technical Committee           | Dr. V. K. Baranwal  | Dr. T. Prameela Devi    |
| Registration Committee        | Dr. Deeba Kamil     | Dr. Bishnu Maya Bashyal |
| Souvenir & Abstract Committee | Dr. M. S. Saharan   | Dr. Atul Kumar          |
| Poster & Exhibition Committee | Dr. T. K. Bag       | Dr. M. S. Yadav         |
| Purchase Committee            | Dr. Robin Gogoi     | Dr. Jameel Akhtar       |
| Hall Arrangement Committee    | Dr. A. Kumar        | Dr. Sangeetha C. G.     |
| Resource Generation Committee | Dr. V. Celia Chalam | Dr. Dinesh Singh        |

### International Postharvest e-Conference 2021 (IPHe-C 2021)

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# International e-Conference on Postharvest Disease Management and Value Addition of Horticultural Crops

AUGUST 18-20, 2021

Venue: ICAR-IARI, New Delhi, India

## Registration form

Surname ..... First name: .....

Designation .....

Address: .....

City: ..... PIN ..... Country .....

Telephone (with country and area code): ..... Mobile: .....

Fax: ..... E-mail: .....

Passport No. .... Place of Issue .....

Valid upto ..... Issued by: .....

Name of accompanying person (specify).....

Title of the Oral/Poster Presentation: .....

.....

Theme area: .....

Draft/Cheque No. .... Dated .....

Registration fee for Rs./US\$ .....

In favour of “**Society for Green World and Sustainable Development**”

Note: \*Only DD & multicity cheque will be accepted.

Date: .....

Signature: .....

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**Please complete the registration form and return it to:**

**Dr. Dinesh Singh /Dr. Robin Gogoi**

Organizing Secretary/Convenor

Division of Plant Pathology

ICAR-Indian Agricultural Research Institute, Pusa, New Delhi - 110 012, India

Email: ipsdis@yahoo.com, dinesh\_iari@rediffmail.com