

INDIAN PHYTOPATHOLOGICAL
SOCIETY

(West Zone Chapter)
Symposium

On

Recent Trends in Disease Management of
Horticultural Crops

19-20 October, 2011

Organized by
Department of Plant Pathology
Dr. Balasaheb Sawant
Konkan Krishi Vidyapeeth, Dapoli,
(Maharashtra) 415 712

About the host university

Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (Dr. B.S.K.K.V., Dapoli), Maharashtra was established on 18th May 1972 with a mission to preserve, extend and disseminate knowledge, especially in the field of agriculture and to cater the needs of farming community of Konkan region of Maharashtra. It has now emerged as a leading institution in the field of Agricultural Research. The emphasis on research is mainly on agricultural and horticultural crops including agricultural engineering and fisheries. This place is well known for its pleasant climate and verdent hills. The soil is lateritic. The climate in the month of October is little bit warm and humid with temperature in between 25-28^oC. Dapoli is a famous hill station often called as “Mini Mahabaleshwar” of Konkan and located at an altitude of 250 meter from MSL enriched by rare flora and fauna of Sahayadri region. It is also very close to beautiful sea beaches.

Recent trends in disease management of horticultural crops

Horticulture comprising fruits, vegetables, flowering and ornamental plants, root and tuber crops, plantation crops and spices has emerged as an important sector for diversification of agriculture. The Indian Phytopathological Society, Western Zone comprising Maharashtra, Gujarat and Goa states of India has made a tremendous progress in research on horticultural crops. A number of fungal, bacterial, viral, phytoplasmal and nematological problems of horticultural crops are frequently encountered in the zone. The losses caused by frequent different pathogens giving rise to innumerable type of diseases is a burning problem faced by farming community in this zone. The diseases bring about both quantitative and qualitative losses in horticultural crops. Many cultivators in this zone are engaged in the export of cut flowers and fruits like mango, citrus, grapes, many vegetables and spices. However,

the export potential of these crops has been drastically hampered due to various pathogenic microbes.

In the post GATT scenario, farmers have been exposed to global competition with regards to their crop production and protection, technologies, quality of produce, scale up of production and commodity prices. Injudicious use of pesticides and climate change have resulted in evolution of new races and biotypes of the pathogens causing devastating diseases of horticultural crops. Remarkable development in the field of molecular detection of plant pathogen as well as application of genetic engineering to produce transgenic plants having resistance against major plant pathogens provide innovative tools for both diagnosis and management. Besides eco-friendly biological control approaches for management of diseases as well as the advances in search of new molecules for effective disease management in the crops with no residues are being made.

Against such a challenging backdrop, and progress in science of Plant Pathology in different spheres of disease management, this symposium is being organized by the department of Plant Pathology under IPS Western Zone during 19-20th Oct. 2011. There will be lead papers by invited speakers, few oral and poster presentations by participants. This will provide a common platform to academia, students, scientists and other stakeholders to share the experiences and knowledge about the latest development in different aspects of plant protection area and to plan a comprehensive strategy in defining a wholesome approach to horticulture crop protection through holistic use of emerging technologies.

Major Themes

1. Epidemiology and disease forecasting
2. New generation fungicides in disease management
3. Bio-control and Bio-pesticides for disease management
4. Post harvest pathogenic and microbial problems
5. Disease resistance in crop plants
6. Quarantine and regulatory measures
7. Seed health for food security
8. Integrated disease management
9. Molecular and biological basis of host pathogen interaction

Call for Research Papers

Abstracts/Papers are invited for oral/poster presentation on the above mentioned areas. It is requested to send a copy of the abstract as per IPS format not exceeding 500 words along with title, authors name and affiliation and key words typed on A 4 size paper in MS word 2003/2007 format. The same may be submitted in the form of CD along with two hard copies. The soft copy can also be mailed on the addresses given below. Only those abstracts selected by the screening committee will be invited for Oral/Poster Presentation.

Instructions for Preparation of Abstract

- Font** : Times New Roman
- Title** : Font Size 14 (Bold)
- Authors Name** : Font size 12 (Presenting author's name should be underlined)
- Address/Affiliation** : Font size 10 with complete postal address along with Pin-code and email address of presenting author
- Text/Abstract** : Font size 12 regular in 1.5 line spacing, left aligned and right justified

Registration :

Please send the enclosed registration form along with the registration fee & abstracts on or before **20 Sept. 2011** Payments may be made by sending crossed demand draft of State Bank of India/Bank of India/Central Bank of India/ Union Bank/ICICI bank payable at Dapoli (Maharashtra) in favor of **Indian Phytopathological Society (west zone)** and send to Dr. M.S. Joshi, Organizing Secretary, Department of Plant Pathology, College of Agriculture, Dapoli, Dist. Ratnagiri (Maharashtra) 415 712

Details of registration fee

- | | |
|----------------------------------------------|------------|
| 1) For IPS members (Advance Payment) | Rs. 1000/- |
| 2) For Students (Advance Payment) | Rs. 600/- |
| 3) For Non-IPS members (Advance Payment) | Rs. 1200/- |
| 4) Spot registration (Members & Non members) | Rs. 1500/- |

Accommodation

Limited accommodation will be made in the University guest house on first cum first serve basis. Participants will have to bear the prevailing accommodation charges as per University norms. Accommodations in the hotels at Dapoli town will be arranged as per requirement of the Participants. Hotel charges in Dapoli town as well as Sea shore range from Rs. 500-2500 as per the amenities & facilities available in the hotel. For more details of hotel accommodation please contact the zonal councilor.

PROF. M.J. Narsasimhan Merit Academic Award

A contest of PG & PhD students is arranged during the period of Zonal Symposium for preliminary selection of contestants for PROF. M.J. Narsasimhan Merit Academic Award. The selected candidates will have to present their paper in final contest. The final contest will be held during the Annual meeting of the Society. The age limit for the contestant is 35 years. The contestant should be the annual member of the society. If not, he should have to obtain Membership of the Society during the symposium period. You are therefore, requested to encourage your PG & PhD students to participate in the zonal contest. For the same, the abstract as per IPS format be submitted by the concerned student through his guide/ Major Advisor to the zonal Councilor (West Zone) on or before 1st Oct. 2011 along with the full length Paper.

The selected contestant will receive Medal from the society and commendation certificate to the other contestants who will participate the contest at national Level.

Registration - cum - Accommodation Form

**Indian Phytopathological Society
(West Zone Chapter)
Symposium
On
Recent Trends In Disease Management of Horticultural
Crops**

**To be held at Dapoli, Dist. Ratnagiri - 415712
during 19-20th October, 2011**

- 1) Name of the Participant :
- 2) Designation :

- 3) a) Address for correspondence :
b) Office Address :

- 4) Contact - Tel. No. :
Mobile No. :
Fax No. :
E. Mail :

- 5) Details of Registration Fee
a) Cheque/DD No. Dated
.....
b) Name of Bank & Branch
.....
- 6) Arrival
Date & time :

Travel details : (Bus/Train No.
Etc.)

- 7) Departure of
Date & time :

- 8) Accompanied person Details Name :
- 9) Relation :

The complete form may be mailed to

Dr. M.S. Joshi, Organizing Secretary Department of Plant
Pathology, College of Agriculture, Dapoli Dist. Ratnagiri
(Maharashtra) 415 712

Cell No. 9420639320

Email Id. msjoshi1234@rediffmail.com

OR hddbskkv@gmail.com