

34th ANNUAL CONFERENCE & SYMPOSIUM



**Crop Disease Management:
Advances and Challenges**

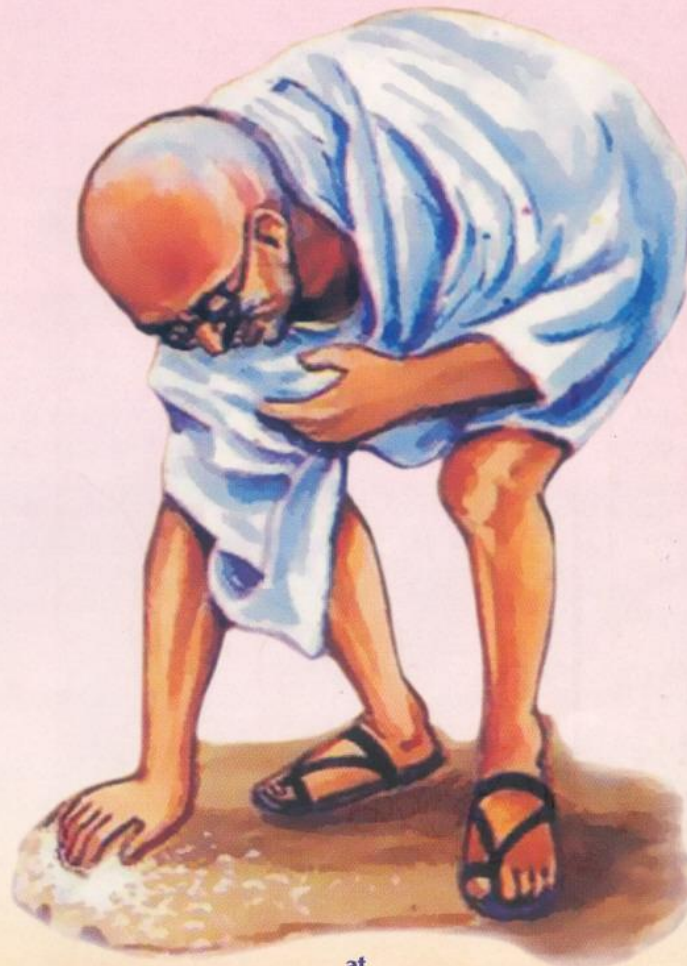


January 21–23, 2013

Jointly organized by

Navsari Agricultural University, Navsari, Gujarat
and

Indian Society of Mycology and Plant Pathology
Udaipur, Rajasthan



at

DEPARTMENT OF PLANT PATHOLOGY

N M College of Agriculture, Navsari Agricultural University, Navsari - 396 450, Gujarat

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The responsibility of protecting food crops in the challenging environment is increasing with increase in human population and its needs. The quest to protect crops from diseases has led to the development of disease resistant varieties and provided opportunities to recognize new virulent races of plant pathogens. Thus, this is a never ending challenge to outguess the pathogen(s) and to identify the next vulnerability of a crop. Development and use of molecular techniques for pathogen detection, resistance identification and cloning of genes for resistance seems very promising to achieve this goal. With intensification of agriculture, environmental condition become more favourable for the pathogen. Accordingly use of chemicals which has immense potential to combat intriguing plant pathogens has increased. However, indiscriminate use of chemicals in agriculture has not only raised the development of pesticide resistance in pathogens, but also, posed looming threat to the environment. Rapid changes in climate has further increased our miseries by introduction of new diseases and making the minor diseases in to a major. Attention is needed to know the status of these problems and find ways and means to develop management modules more versatile to protect these in eco-friendly manner. IDM, a multi disciplinary approach seems promising to manage diseases effectively by comprehensive blending of cultural, physical, biological and chemical strategies.

Of the different components of IDM, biocontrol is important, but despite their known efficacy, biocontrol formulations have only a limited share in the world pesticide scenario. Ecological aspects involving edaphic factors and associated soil micro biota influence the efficacy of biocontrol agents. How to make bio-control more effective, feasible and popular needs to be reviewed thoroughly.

Considering the above facts and to share national thoughts and experience on these issues, a national conference on **“Crop Disease Management: Advances and Challenges”** is proposed to be organized.

Technical Sessions

- I Molecular Plant Pathology
- II Biological Control
- III Epidemiology and Host Plant resistance
- IV Seed Pathology
- V Integrated Disease Management
- VI Post Harvest Disease Management of Horticultural Crops

Panel Discussion

Perspectives and Challenges in Management of Sugarcane Diseases in Southern Gujarat.

Conference Venue

Navsari is located near the banks of Purna river, on Surat – Mumbai route on NH-8 at 72° 54' E, 20° 57' N and 11.9 m above the mean sea level. The climate is sub humid with maximum temperature from 27.9 to 34.9 C and minimum from 12.2 to 24.2 C, and the annual rainfall is 1133.6 mm. Weather during the January is pleasant.

Connectivity

The city is well connected by the surface and air. The nearest local airport is at Surat, 30 km north of Navsari, with two nearest International airports–Chhatrapati Shivaji International Airport, Mumbai and Sardar Vallabhbhai Patel International Airport, Ahmedabad. Navsari lies on the Mumbai–Delhi railway link, one of the busiest railway routes in India. By road Navsari is well connected with NH 228 (also known as Sabarmati–Dandi Highway), and NH 8. It is only 40 km south of Surat.

Participation and Registration

All the delegates must register to participate in the conference in the prescribed Registration form which can be downloaded from the website www.nau.in or www.isompp.org. No abstract will be accepted without payment of the Registration Fee. A crossed Demand Draft from any nationalized bank issued in favour of “**Organizing Secretary, National Conference, ISMPP**” and payable at Navsari be sent to the Organizing Secretary, 34th National Conference and Symposium of ISMPP, Department of Plant Pathology, N M College of Agriculture, Navsari Agricultural University, Navsari 396 450, Gujarat, India.

Registration Fee

Category	Till Dec. 15, 2012	After Dec. 15, 2012
ISMPP members	2000.00	2500.00
ISMPP student members	1000.00	1200.00
Student non members	1500.00	1700.00
Non members	2500.00	3000.00
Accompanying person	1000.00	1500.00

Guidelines for Abstract Submission

Participation in National Conference is open to all the Scientists, Faculty members, Research students, who are working in the field of Mycology & Plant Pathology. Abstracts for Oral/Poster presentation should be of **maximum 300 words**, including the title, authors and address. Abstracts should be prepared in MS-Word, Times New Roman, 12 font and single space leaving 1" margin on the left and right sides of a page. The Technical session to which the abstract belongs must be clearly indicated at the top left of the abstract page and also in the registration form, e-mail ID of the corresponding author must be clearly given in abstract. Abstract should be submitted on or before **November 15, 2012** in electronic form only as e-mail attachment to: **mahatmalalit@yahoo.co.in/ mahatmalalit@nau.in**. The acceptance will be communicated to the corresponding author through e-mail by December 10, 2012.

Annual Conference Awards

- 1. P P Singhal Memorial Pesticides Industries Award Competition:** The Society will also hold an award competition on "Plant Disease Control by Chemical methods and strategies based on Epidemiological Investigations". There will be two cash awards of Rs 15,000/- and Rs 10,000/- which are open to all the members of the society. Interested members are requested to send (i) Four copies of the abstracts, not exceeding 400 words, with a mark 'FOR AWARD' on the left top corner of the abstract sheet along with (ii) Full research paper (2 copies) to: The Secretary, ISMPP, Udaipur, latest by **November 5, 2012**. The award paper should be certified that "The paper has not been published / presented anywhere else so far".

Rules and Regulations

- i. Preliminary screening of the papers will be done by a committee consisting of the President, Editor-in-Chief and Secretary of the Indian Society of Mycology and Plant Pathology and only approved papers will qualify for competition.
- ii. **The committee will approve at least five papers for this competition.**
- iii. The competition will be held during the Annual Meeting when at least three participants are present, otherwise, it will be cancelled for this Annual Meeting.

- iv. Four copies of the abstract and two copies of full paper should be submitted along with a certificate mentioning that all the author(s) is/are member(s) of the society.
 - v. The awards will be given to the author(s) of the best paper presented at the Annual Meeting of the Indian Society of Mycology and Plant Pathology.
 - vi. Work presented by the participants will be judged by a panel of three judges and their judgment will be final and binding on all the contestants.
 - vii. The amount of the award will be distributed equally in case of multiple awardees or if more than one paper is judged to be of the same quality.
 - viii. A recipient of this award shall be considered for subsequent award of PI only after a lapse of two years.
 - ix. Only one paper can be presented by one member either individually or jointly.
 - x. In case the work presented relates to a thesis prepared for the award of a degree, the presentation shall be made by the student and not by the guide.
 - xi. The age of the scientist presenting the paper should not be above 50 years on 1st January of the year when submission is initially considered for competition.
 - xii. It will be a binding for author(s) of awarded paper (s) to publish it in the society's journal "Journal of Mycology and Plant Pathology."
 - xiii. All contestants, selected for the preliminary screening, will be paid to and fro-actual II class sleeper railway fare to the venue of the Annual Conference from the nearest railway station to their institution of study.
2. **Smt Guman Devi Verma Memorial Best Woman Scientist Award Competition:** The Award is open to woman scientists only. The Rules & Regulations of PP Singhal Memorial Pesticides Industries Award Competition will be applicable except following: There is no age bar for the competition; Rs. 10,000/- cash award, a citation and memento will be presented to the award winning participant (s). The contributions related to any aspect of Mycology and Plant Pathology will be acceptable for presentation.
3. **P R Verma Awards Competition:** The society will also hold the Best Paper presentation competitions for M Sc & Ph D students separately. Interested students should send (i) four copies of the abstract not exceeding

400 words, with a mark “for M Sc/ Ph D Students Award” on the left top corner of the abstract sheet along with (ii) Full research paper (2 copies) to the Secretary ISMPP, Udaipur latest by **November 5, 2012**. Email: ismpp2008@gmail.com

Rules and Regulations for P R Verma Awards Competition

- i. The awards are open for M Sc and Ph D students only.
- ii. There will be two categories of awards i. e. one for M Sc, and one for Ph D. **The postgraduate students may compete within 2 years after completion of their degrees.**
- iii. A preliminary screening of papers will be conducted by a committee consisting of the President, Editor-in-Chief, and Secretary of the Society and a nominee of Dr P R Verma.
- iv. The papers approved only by this committee will qualify for competition.
- v. The committee will approve a minimum of five papers for this competition. The competition will only be held when at least three participants are present. If participants are less, this competition will be cancelled for that year.
- vi. Four copies of the abstract and two copies of full paper should be submitted along with a certificate of studentship from the Head of the Department of the institution concerned.
- vii. Work presented by the contestant will be judged by a panel of three judges and their judgment will be final and binding on all contestants.
- viii. **The award will consist of a memento and a certificate as well as cash award Rs 6000/- for Ph D and Rs 5000/- for M Sc students.**
- ix. Only one paper can be presented by each student.
- x. A recipient of this award shall be considered for a subsequent award of this nature only after a lapse of two years.
- xi. The awards are strictly for the young, promising scientists; therefore in-service students will not be eligible.
- xii. **It will be a binding for the author(s) of award winning paper(s) to publish it/them in the society's journal, the “Journal of Mycology and Plant Pathology”**
- xiii. All the awards presented will be at the General Body Meeting of the Society.

- xiv. **All contestants, selected for the preliminary screening, will be paid to and fro-actual II class sleeper concession railway fare to the venue of the Annual Conference from the railway station nearest to their institution of study.**
4. **Y L Nene Outstanding Plant Pathology Teacher Award:** The Indian Society of Mycology and Plant Pathology invite nominations for Y L Nene Outstanding Plant Pathology Teacher Award for the year 2013. The nominations may please be sent to the Secretary, Indian Society of Mycology and Plant Pathology, Department of Plant Pathology, Rajasthan College of Agriculture, MPUAT, Udaipur-313001, Rajasthan latest by **November 15, 2012**. The nomination procedure, criteria for selection, constitution of award committee and the form of award are as follows:

Nomination

- i. Three well known Plant Pathologists, who have been the students of the nominee, will jointly or individually nominate their teacher for the award, giving a one page statement justifying the nomination.
- ii. Any Award committee member can nominate a teacher by providing relevant information about the nominee.

Criteria

- i. The nominee should have retired from active service.
- ii. The award may also be posthumous. In such a situation retirement from service will not be prerequisite.
- iii. He / She should have been the teacher of Plant Pathology in India.
- iv. He / She should have guided postgraduate students' thesis research in Plant Pathology including Mycology, Bacteriology, Virology, Nematology and other related fields.
- v. There should be a general consensus among Indian Plant Pathologists that he/she is/was a reputed and dedicated teacher.
- vi. At least three of his/her students should have already been established as well known Plant Pathologists.
- vii. The nominee needs not to be a member of the Indian Society of Mycology and Plant Pathology (ISMPP).
- viii. The decision of the award committee will be final.

5. Prof H C Dube Outstanding Young Scientist Award

The Indian Society of Mycology and Plant Pathology invites applications for Prof H C Dube Outstanding Young Scientist Award in Mycology and Plant Pathology for the year 2013. The application procedure, criteria for selection, constitution of award committee and the form of award are as follows:

Applications

The applicant should send his/her brief resume with list of publications/patents along with three representative important reprints of the full-length papers which have been published in referred journals during the preceding ten years i.e. from the year 2002 onwards. All applicants should submit all the above documents in four sets for evaluation by the committee. Any member of the award committee can nominate a young scientist / teacher by providing relevant information with full published evidences of the work of the candidate of last ten years (2002-2012).

Criteria

The applicant should not be more than 45, years of age as on **December 31, 2012**. He / she should have been actively engaged in teaching / research of the discipline of Mycology and Plant Pathology. Preference will be given to the teachers/ scientists who would have guided postgraduate students' research in Mycology and Plant Pathology including Bacteriology, Virology, Nematology, Biotechnology, etc. At least three important contributions by the scientist / teacher should have been made in recent years as independent scientist establishing him as a leading upcoming young scientist of the country. The applicant need not be a member of the Indian Society of Mycology and Plant Pathology. The decision of the award committee will be final. The last date of receiving applications is

November 15, 2012.

Constitution of the Award Committees

President	:	BN Chakraborty
Immediate Past President	:	S R Niranjana
Vice-President	:	Subhash Bhargava
Secretary (In-charge)	:	Pokhar Rawal
Member	:	Nominee of Y L Nene / H C Dube

Award

Each year one award will be given. The award will consist of a shawl, a memento and a certificate bearing a citation. The ISMPP will bear all reasonable costs related to travel (maximum 2nd AC one ticket), lodging and boarding of the awardees or his/her nominee in connection with the award presentation. The award will be presented during the inaugural function of next annual conference.

6. Prof V P Bhide Memorial Award Lecture

Application

- (i) Applications are invited from the mid-career members of the Society for the year 2012.
- (ii) The last date for receiving applications by the Secretary, ISMPP will be November 5, 2012.
- (iii) All the correspondence will be treated as strictly confidential.

Eligibility

- (i) The applicant should be a mid-career scientist, i.e., one who has worked as a full-time professional for a minimum of 10 years and maximum of 20 years.
- (ii) He/she should have been a member of the Society for the previous 5 years.

Procedure

- (i) There is no standard proforma for applications. The applicant should send 6 copies of his/her curriculum vitae highlighting his/her contributions to the broad field of Plant Pathology. The contribution could be a valuable addition to the basic or applied knowledge of Plant Pathology or a successful management of a crop disease in the field with proven impact.
- (ii) The decision of the Award Committee will be final.

Award

- (i) The applicant selected for the award will be invited by the Secretary to deliver the Prof V P Bhide Memorial Lecture during the Annual Conference of the Society for 2013 at Navsari.
- (ii) The award will consist of a certificate and a memento. 2nd AC travel, lodging, and boarding of the awardees will be borne by the Society.

The Award Lecture will be published in one of the issue of the Journal (JMPP).

11. Fellowship of the Society

- (i) Members having ten years standing will only be admitted as Fellow of the Society.
- (ii) Members must submit one copy of bio-data and list of publications which will be screened by the screening committee. The eligible members may apply to the Secretary by sending a Bank Draft of Rs 1000/- as registration fee latest by **October 30, 2012**.
- (iii) Members are requested to kindly plan for attending the conference and send the abstracts of research papers at an early date.
- (iv) They are also requested to participate in all award competition sessions.

Members are requested to kindly plan for attending the conference and send the abstracts of research papers at an early date. **They are also requested to participate in all award competition sessions.** Kindly give this information a wide publicity.

For conference details, presentation, accommodation etc. contact

Dr. Lalit Mahatma

Organizing Secretary

The 34th Annual Conference & Symposium

Department of Plant Pathology
N M College of Agriculture
Navsari Agricultural University
Navsari-396 450, Gujarat, India

Email: mahatmalalit@yahoo.co.in/
mahatmalalit@nau.in

Mobile : + 91 9998002503 / +91 94262 13756

Phone: +91 2637 282771-75 Ext. 1210

For ISMPP Awards, etc.

Dr Pokhar Rawal

Secretary (In charge)

Indian Society of Mycology and Plant Pathology

Rajasthan College of Agriculture,
Udaipur 313001 (Rajasthan)

Email: ismpp2008@gmail.com

Phone: +91 294 2423792 (O)

Mobile: +91 94600 30583

Accommodation

The organizers will make all efforts to make the stay of delegates comfortable at different guest houses of Navsari Agricultural University. Organizer will try to accommodate maximum delegates in University premises at first come first serve basis. Even though details of some of the hotels and tariff are listed below. Hotel accommodation can be arranged only for those sending an advance.

Hotels	Category	Tariffs (per day)	Extra person
Royal Regency	Suite Room-AC	2,836	322
	Royal Room-AC	2,006	-
	Super Delux Room-AC	1,671	-
	Delux Room-AC	1,337	-
Supreme	Super Delux Room-AC	1,200	-
	Delux Room-AC	1,000	-
	Suite Room non-AC	600	200
Anmol	Royal Room-AC	1,200	-
	Super Delux non-AC	600	-
	Delux Room non-AC	500	100
Aunoday	Super Delux Room-AC	1,300	-
	Delux Room-AC	1,100	-
	Suite Room non-Ac	700	200

Taxes & other charges extra as applicable

Payments should be made by a bank draft in favour of **“Organizing Secretary, National Conference, ISMPP” Payable at Navsari, Gujarat.**

Journey Plans

Participants are requested to send travel plans as below well in advance so as to enable the organizers to make arrangements for local transport:

Arrival at Navsari: Train/Bus

Date Time

Departure from Navsari: Train/Bus

Date Time

Indian Society of Mycology and Plant Pathology
Rajasthan College of Agriculture, Udaipur 313 001, Rajasthan

Dear Member,

The Indian Society of Mycology and Plant Pathology shall hold elections at its next Annual Conference. The nomination paper is enclosed and you are requested to propose the name of candidates of your choice in accordance to Act. II of the constitution.

The election shall be held for the following posts of Executive Committee for tenure of one year except for secretary which is for two years from ISMPP Head Quarter (Nomination for following posts should reach to the Secretary latest by **Oct.30, 2012**.)

- President** : Elected by General Body
Secretary : Elected by General Body
Councillors : Elected by members of respective zone
Northern Zone : Delhi, Haryana, Punjab, Chandigarh, Himachal Pradesh, Jammu & Kashmir
Eastern Zone : Uttar Pradesh, Bihar, West Bengal, Assam, Orissa, Meghalaya, Tripura, Nagaland, Mizoram, Manipur, Arunachal Pradesh
Western Zone : Madhya Pradesh, Rajasthan, Gujarat
Southern Zone : Andhra Pradesh, Maharashtra, Karnataka, Tamil Nadu, Kerala, Goa & Pondichary

As per the rules, for each office the names of the first three candidates, who received the maximum number of nominations, shall be eligible for contest. In case a candidate is nominated for more than one office and his name appears in first three candidates for more than one office, then his name shall be considered only for one office of his choice. The rules for nomination for office bearer are : i) Members having ten years standing will be eligible for contesting for the post of President; ii) Members having five years standing will be eligible for other posts.

All those members who did not pay their membership for some reasons are requested to clear their dues so as to make them eligible to vote, contest and also to maintain continuity. The membership fee is Rs. 500/-. Those members who have paid their membership fee for 2012 are only eligible.

Dr Pokhar Rawal
Secretary (In-charge), ISMPP

Department of Plant Pathology, Rajasthan College of Agriculture, Udaipur
313001 (Rajasthan); Email: ismpp2008@gmail.com
Phone: +91 294 2423792 (O); Mobile: +91 94600 30583

Note: All members are requested to please send their e-mail address and telephone nos. to update the members' directory, which is to be printed very shortly. The required information may please be sent by **October 15, 2012** for favour of inclusion in the Directory.

Indian Society of Mycology and Plant Pathology

Nomination Paper

Election of following office bearers

Sl.No.	Office	Name Proposed
1.	President (for 2012-13)	
2.	Secretary (from ISMPP Head Quarter) for 2 years (2012-14)	
3.	Councillor (for 2012-13)	
	Zone	
		Signature of Member
		Full name
		Address and e-mail ID

Please return the nomination paper in the attached envelop to:
The Secretary, Indian Society of Mycology and Plant Pathology,
Rajasthan College of Agriculture, Post Box 154, Udaipur 313001,
Rajasthan so as to reach him by **October 15, 2012.**

Dr Pokhar Rawal

Secretary (In-charge)
Indian society of Mycology and Plant Pathology
Department of Plant Pathology, Post Box 154
Rajasthan College of Agriculture,
Udaipur – 313001 (Rajasthan)
Email: ismpp2008@gmail.com
Phone: +91 294 2423792 (O)
Mobile : +91 94600 30583

REGISTRATION FORM

Indian Society of Mycology and Plant Pathology

JANUARY 21-23, 2013

I Plan to attend

Session No.

I am submitting the abstract of the paper entitled ".....
....."
.....

I am enclosing a bank draft No. dated
drawn on
for Rs. towards the registration fee.

Name: Prof./Dr./Mr./Ms.

Address:
.....

Phone : Fax :

E-mail :

Accompanying person (s) :

Place Date

Signature

Accommodation required: University Guest House/Hotel

Single room/double room for nights. Rs. is
enclosed vide draft No. dated drawn on
.....

(A photocopy of this form is acceptable)

This form should be sent before **November 15, 2012 to Dr Lalit Mahatma,**
Organizing Secretary, Department of Plant Pathology, N. M. College of Agriculture,
Navsari Agricultural University, Navsari 396 450, Gujarat (India),
mahatmalalit@yahoo.co.in, mahatmalalit@nau.in

Dr Lalit Mahatma

Organizing Secretary

34th Annual Conference & Symposium, ISMPP
Department of Plant Pathology
N. M. College of Agriculture
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Mob: +91 99980 02503

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Dr S R Niranjana	Dr S N Puri	Dr T P Rajendran
Dr T P Trivedi	Dr T S Thind	Dr U S Singh

ISMPP EXECUTIVE COMMITTEE : 2012

President	:	B N Chakraborty
Immediate Past President	:	S R Niranjana
Vice President	:	Subhash Bhargava
Secretary (Incharge)	:	Pokhar Rawal
Treasurer	:	Pokhar Rawal
Ex-officio Member	:	Kusum Mathur
Councillor (East Zone)	:	Apurba K Chowdhury
Councillor (West Zone)	:	Pankaj Sharma
Councillor (North Zone)	:	Sachin Gupta
Councillor (South Zone)	:	S Girishami
Editor-in-Chief	:	R P Thakur
Managing Editor	:	Kusum Mathur





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Rajasthan College of Agriculture, Udaipur - 313 001, Rajasthan, India

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