



National Seminar on
*Contextual Relevance of ITKs in
Plant Protection*

Re-scheduled

on

28-29 October, 2015

Chief Patron

Dr. S. Ayyapan, Secretary, DARE & DG, ICAR

Patron

Dr. T. Mohapatra, Director, ICAR-IARI

Chairman

Dr. C. Chattopadhyay, Director, ICAR-NCIPM

Convener- Dr. J.P. Sharma, J.D. (Extn), ICAR-IARI

Organizing Secretary

Dr. Sumitra Arora, Principal Scientist, ICAR-NCIPM

Organizer

ICAR-National Research Centre for Integrated Pest Management
Pusa Campus. New Delhi-12.

In collaboration with

ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi-12

Venue

ICAR-IARI, Pusa Campus. New Delhi-12.



The injudicious use of chemical pesticides has been reported to contaminate the environment, causing serious health related issues. In India, despite being claimed to be a country with very low pesticide consumption; lack of awareness about safe use of chemical pesticides with training on their proper dosages, label claims, handling, time of application and, risk related with its use in crop protection, has been creating havoc in the society. There has always been a demand to divert from synthetics to organic farming and/or use of bio-pesticides for pest management in plant protection. Many farmers are practicing their indigenous knowledge in plant protection, since ages, without any scientific validation for the same. Their indigenous practices could be applied scientifically as part of the IPM program in crop protection. Adopting these practices will not only help in reducing the chemical pesticide load on environment but also appreciating the age old wisdom of our country, practiced by our farmers. They could be integral component of IPM programs for pest management. These Indigenous Technical Knowledge (ITK) may help in conserving our biodiversity and sustainable agriculture, being an alternative to chemical pesticides. This seminar would focus on prominent and useful ITKs, practiced by farmers and also validated scientifically by researchers, so as to make them available for farmers and researchers; and include them under recommendations of SAUs and research institutions.

Themes of the seminar

1. History, need and scope of indigenous practices in plant protection
2. Available opportunities and knowledge based scientific validation of indigenous practices in plant protection.
3. Role of extension in disseminating ITKs, and their environmental impact including health.
4. Success stories and farmers experiences
5. Institutional and organizational support and constraints in their adoption
6. Entrepreneurial interventions in promoting ITKs in plant protection

About the organizers

ICAR-National Research Centre for Integrated Pest Management

National Research Centre for Integrated Pest Management (NCIPM) of Indian Council of Agricultural Research (ICAR), India was established in February, 1988 to cater to the plant protection needs of different agro-ecological zones of the country. The Centre has a strong institutional network in place to take on the challenges of plant protection in the country in a harmonized manner to cater to the needs to manage chronic pest problem with serious dimensions.

The exploration and documentation of ITKs in pest management has been carried out at centre, under an Institute research activity, with scientific validation of promising ITK for tomato crop. The centre has published a patent and research articles for the same.

ICAR-Indian Agricultural Research Institute

The Indian Agricultural Research Institute is the country's premier national institute for agricultural research, education and extension. The green revolution stemmed from the fields of IARI. The growth of India's agriculture during the past more than 100 years, is closely linked with the research done and technologies generated by the Institute.

Development of high yielding varieties of all major crops, with pan Indian visibility, refinement of production technologies, IPM and, natural resource management, have been the hallmarks of Institute research. Besides conducting basic and strategic research, the institute also serves as a centre for academic excellence in human resource development in agricultural sciences. 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 (AICRP) with headquarters at IARI and 10 national Centres functioning under the AICRPs. It has the sanctioned staff strength of 3540 comprising scientific, technical, administrative and supporting personnel.

ABOUT THE CITY

Delhi, the capital of India with a present population of around 16 million from almost all corners of India, a place inhabited since 6th Century BC remained capital of various kingdoms and empires. People of Delhi witnessed bloodbath and demographic upheaval with change of regime. According to some schools, the city derived its name from Persian *Dehleez*, meaning threshold. The city and adjoining areas remained the centre-stage of important events of mythical days and historical era of India. Dotted with numerous relics bearing numb testimony of repeatedly overhauled history over centuries, Delhi plays host to streams of visitors and tourists round the year who come here for work, education or to get a taste of Indian history, glimpses of culture of India – ancient and modern. Delhi is a place of gourmet's delight for the culinary variety from various countries, cultures, provinces and historical regimes she offers. It is also a place of excellent modern education both for science and humanities and the educational establishments of Delhi attract excellent brains from all over the country. The climate of Delhi is of humid subtropical type. Winter days are felt from late November and average high and low temperatures in the month of October are 33°C and 19.6°C, respectively, which remain within normal ranges of deviation.

ABOUT THE VENUE

The present campus of the Institute is a self-contained sylvan complex spread over an area of about 500 hectares (approx. 1250 acres) and located about 8 km (5 miles) west of New Delhi Railway Station and about 16 km (10 miles) east of IGI Airport (Palam).

NATIONAL ADVISORY COMMITTEE

Dr. S. Ayyapan, Secretary, DARE & DG, ICAR **Dr. Gurbachan Singh, Chairman- ASRB**
Dr. R.S. Paroda, Chairman TAAS & Ex. DG, ICAR **Dr. A.K. Singh, DDG (Extension), ICAR**
Dr. J.S. Sandhu, DDG (Crop Science), ICAR **Dr. N.K. Krishna Kumar, DDG (Horti), ICAR**
Dr. Anil Gupta, Prof, IIM, SRISTI, Ahmedabad **Prof. R.R. Hanchinal, Chairperson, PPVFRA**
Dr. P. Chakrabarty, ADG (PP & BS), ICAR **Dr. S.P. Kimothi, ADG (Tech. Cord), ICAR**
Dr. T.R. Sharma, Director, ICAR-NRCPB **Dr. R. Kaur, PD, WTC, ICAR-IARI**
Dr. S.N. Susheel, PPA, DPPQ&S, Min. of Agri **Dr. K.V. Prabhu, J.D. (Res), ICAR-IARI**
Dr. R.K. Jain, Dean & J.D. (Edu), ICAR-IARI

NATIONAL ORGANIZING COMMITTEE

Dr. T. Mohapatra, Director, ICAR-IARI, **Dr. C. Chattopadhyay, Director, ICAR-NCIPM**
Dr. J.P. Sharma, J.D. (Extn), ICAR-IARI **Dr. Sumitra Arora, ICAR-NCIPM**
Co-Convener: Dr. M. Sehgal, ICAR-NCIPM **Co-Convener: Dr. S. Chakravorty, ICAR-IARI**

MEMBERS

Dr. Premalata Singh, HOD (Extn), ICAR-IARI **Dr. Rajbir Singh, ZPD, Zone-I**
Dr. S.S. Sindhu, HOD (Floriculture), ICAR-IARI **Dr. D.B. Ahuja, Pr. Scientist, ICAR-NCIPM**
Dr. Indramani, HOD (Engg.), ICAR-IARI **Dr. H.R. Sardana, Pr. Scientist, ICAR-NCIPM**
Dr. Archana Sachdev, Prof., ICAR-IARI **Dr. R.K. Tanwar, Pr. Scientist, ICAR-NCIPM**
Dr. C. Bhardwaj, Pr. Scientist, ICAR-IARI **Dr. S. Vennila, Pr. Scientist, ICAR-NCIPM**
Dr. Anil Sirohi, Pr. Scientist, ICAR-IARI **Dr. Anil Kumar, Pr. Scientist, ICAR-IASRI**
Dr. R.R. Burman, Sr. Scientist, ICAR-IARI **Dr. Tulsi Bhardwaj, W. Scientist, ICAR-IARI**

AWARDS

Outstanding achievement award - 02
 Young scientist award (age limit: below 40 years) - 02
 Best innovative technology of farmer - 02
 Best extension worker in ITK field - 02
 Best poster paper award - 03
 Best oral presentation award - 04

Aspirants may email their brief biodata along with salient achievements as per attached format, with documentary proofs, (reprints etc.) in one set by **5th October, 2015**, to the organizing secretary (ikipmworkshop@gmail.com). It is advisable to confirm your participation by paying the registration amount.



ACCOMODATION

Delegate accommodation will be arranged in different guest houses of IARI and NASC complex. Guest House accommodation is limited and will be available on first come-first serve basis. Hotel accommodation, if required, may also be arranged.

SUBMISSION OF ABSTRACT

Abstract of the papers related to the theme areas of the seminar are invited for lead, oral and poster presentations. Abstract typed in single space of about 300-400 words including title, authors, affiliation and email id, on A4 size paper as soft copy in MS Word format through mail (ikipmworkshop@gmail.com) may kindly be forwarded to Dr. Sumitra Arora, Organizing Secretary, ICAR-NCIPM.

IMPORTANT DATES

Last date for submission of abstract: **15th September, 2015**
 Full length article submission: **30th September, 2015**

REGISTRATION FEE

Delegates : Rs 3500.00
 Farmers and students : Rs. 1500.00
 Foreign Delegates: US\$150

CONTACT

Dr. Sumitra Arora, Principal Scientist,, ICAR-NCIPM, LBS Building, Pusa Campus, N.Delhi-12., Phone:-91-11-2584-3935/36/2640; Fax:-91-11-25841472; website: www.ncipm.org.in Mobile:- 9999927849/9810636677 (Dr. M. Sehgal, Principal Scientist)/Dr. S. Chakravorty, Sr. Scientist, CATAT, ICAR-IARI, New Delhi – 12., www.iari.res.in Mobile:- 9013287950.

