

The world population grew from 2.5 billion in 1950 to 6.1 billion in the year 2000. By the year 2050 the world population is estimated to reach 9.1 billion. This increased population density is projected to increase demand for food production by 70% in developing countries. The availability of additional agricultural land is limited. The reduction of current yield losses caused by pests is a major challenge to agricultural production. Chemical pesticides will continue to play a role in pest management because environmental compatibility of products is increasing and competitive alternatives are not available. The benefits of pesticide use are high relative to risks. New concepts in crop protection systems and augmentation in green chemistry, biotechnology nanotechnology and related sciences is likely to boost agricultural productivity. Non-target effects of exposure of humans and the environment to pesticide residues are continuous concern. Significant socio-economic and environmental benefits can be achieved by new chemistries/formulations, natural products, innovations in delivery system and correct use of pesticides. Food safety, risk assessment, residue reduction in food chain, consumer safety, international trade, and compliance with stringent sanitary and phyto-sanitary requirements on food hygiene and plant health has gained importance and such vital issues need attention of the scientific community. In view of the above, scientific programme of the conference will deliberate on following themes:

1. Emerging pests and diseases
2. Agrochemicals: New developments, trends and opportunities
3. New formulations and delivery systems
4. Nanotechnology in crop protection
5. Pesticide residues: Risk assessment, monitoring, safety and remedial action
6. Integrated pest and crop management
7. Climate change and crop protection
8. Pesticide regulation: National and global scenario
9. Pesticide Industry: Current status and future prospects

**About SPS India:** Society of Pesticide Science India (SPS India) was formed as a national Society on 25<sup>th</sup> September, 1987 with its Headquarters at the Division of Agricultural Chemicals, Indian Agricultural Research Institute (IARI), New Delhi and formally launched and inaugurated on 16<sup>th</sup> November, 1989. The objective of the society is to provide a forum to scientists for expressing critical views based on scientific knowledge and rational thinking on important national policies and programmes related to pesticides, allied agrochemicals and related fields and to create awareness among masses on the role of pesticides and allied agrochemicals in agriculture, public health and human welfare. The society always promoted judicious use of pesticides and allied chemicals with a view to maximizing crop production *vis a vis* minimizing environmental pollution and health hazard. It also publishes Pesticide Research Journal with NAAS rating 4.16. As on date there are 543 life members and 68 ordinary members representing premier research institutions, universities and 28 corporate members from industries.

**Abstracts:** One page concise abstract (max. 300 words, 12 Times New Roman font, single spaced) of unpublished research work with title, authors name, affiliations, e-mail of corresponding author should be divided in three sections i.e., Background, Results, Conclusion. One or two essential and relevant references (as per *Pestic Res J* format) may be given at the end. The abstract may be e-mailed at [spsindia\\_agch@yahoo.co.in](mailto:spsindia_agch@yahoo.co.in)

### Dates to be remembered:

Submission of abstracts: 30<sup>th</sup> Nov, 2014      Submission of full papers: 31<sup>st</sup> Dec, 2014  
 Acceptance of Abstracts: 15<sup>th</sup> Dec, 2014      Payment of reg. fees: 30<sup>th</sup> Dec, 2014

### Registration fees:

|                               |        |                          |        |
|-------------------------------|--------|--------------------------|--------|
| Scientists/Officers (members) | ₹ 3500 | Non-members <sup>†</sup> | ₹ 5000 |
| Students/SRFs/RAs             | ₹ 2000 | Accompanied person       | ₹ 1500 |

<sup>†</sup>Non-members may register as members by paying ₹ 7500 (life-member fee ₹ 4000 included)  
 (# For late registration after due date extra ₹ 500 will be charged)

**Venue:** Indian Agricultural Research Institute, New Delhi

**Awards and Publication:** Best poster and presentation will be awarded. Selected full length paper will find place in the forthcoming issue of *Pesticide Research Journal* published by Society of Pesticide Science India rated 4.16 at NAAS scale.

**Accommodation:** Delegates will be accommodated in IARI guest house only on first come first serve basis. Due to limited seats others need to stay in hotels. Hotel booking in nearby hotels may be helped with half tariff paid in advance with registration fee.

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## Registration Form

1. Name: Mr/Ms/Dr.....
2. Gender: (Male/Female).....
3. Category: (Scientist / Officer / Student / Industry / Private Organization / Accompanying member).....
4. Full Address:.....
5. Contact Details: a) Mobile No ..... b) Office No.....
- c) Fax ..... d) e-mail.....
6. Details of registration fee paid: Rs..... (Rupees.....  
.....only) paid in cash vide receipt no..... dated.....

**Or**

Through bank draft no..... dated.....  
payable at..... (name of the bank)

**Or**

Through e-transfer on following details  
Society of Pesticide Science India, Syndicate Bank, Pusa Campus branch,  
Ac/No. 90292010021651, IFSC Code SYNB0009029,  
MICR Code 110025041, Branch Code 9029

7. Paper presentation choice      Oral..... Poster.....

Signature.....  
Name..... Date.....

**For official use only**

Received Rs..... (Rupees.....only)  
vide book no..... receipt no..... dated.....

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### Contacts:

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**Society of Pesticide Science India**  
**Division of Agricultural Chemicals**  
**Indian Agricultural Research Institute**  
**New Delhi – 110012**  
**India**

## National Symposium

on

## Agrochemicals for Food and Environment Safety

January 28-30, 2015

IARI, New Delhi

