

## R. V. SINGH

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### Education:

PhD Agril. Extension

MSc. Agril. Extension

### Appointment:

Scientist (Extension) 15-5-1991 IGFRI, Jhansi, Uttar Pradesh

Scientist (Extension) 10-10-1999 NCIPM, New Delhi

Senior Scientist 1999 – present NCIPM, New Delhi

### Technologies / concepts developed:

- Developed Integrated Pest Management Technology (**IPM Tool Box**) for **brinjal and okra crops** for four years (2003 – 2007) in a Farmer's participatory Mode in Ghaziabad District, Uttar Pradesh.  
Developed Integrated Pest Management Technology (IPM Tool Box) for bell pepper for five years (2008 – 2013) in a Farmer's participatory Mode in Karnal District, Haryana.
- **Implemented and evaluated FFS** (Farmer Field School)-participatory extension approach for promotion of IPM technologies in vegetable crops namely Okra, Brinjal, Cabbage, Cauliflower, Ginger, Tomato and Capsicum among the vegetable growing communities in Uttar Pradesh, Haryana and Uttarakhand states.
- **Conducted Extension Studies for the assessment of existing pest management situation**
  - ii) ) Studies on pest management information delivery services in vegetable crops.
  - ii) Pesticide survey of pesticide use in vegetable crops
  - iii) Pest management practices of vegetable growers
  - iv) Knowledge, awareness and perception of farmers toward IPM technologies
  - v) Socio-economic evaluation of IPM practices
- **Dissemination of IPM Technologies**  
Disseminated IPM Technologies on rice, pulses, oilseeds, cotton, vegetable crops and live display of bio-agents and IPM components among the farming communities, Extension personnel and Policy makers through organizing IPM exhibitions in National & International conferences, farmers' fairs, field days in different parts of the countries.
- **Organized trainings on IPM for farmers and extension workers** –organized training programmes on IPM practices and components for vegetable growing farmers and extension workers for larger area promotion of IPM.
- **Developed IPM Exhibition Kits** –IPM exhibits , display materials developed for the depicting of IPM innovation

### Grants:

- ₹ 14.00 Lakhs ICAR AP Cess-Fund Project CO-Investigator
- ₹ 5.0 Crores NATP MM project COPI at NCIPM
- ₹ 09.20 Lakhs NHB Project CO Investigator

## **Publications:**

Books: 1

Book Chapters: 4

Total Research Papers: 4

Popular articles: 6

Extension Bulletins: 4

Technical Bulletin: 1

Reports: 3

## **Honours:**

- Awarded research fellowship by Ministry of Tribal Affairs, Govt. of India in the Area of research: Tribal in Agriculture.
- Under the AP Cess fund project on Vegetables, one of the adopted IPM farmers got first prize for producing better quality Okra & Brinjal in an exhibition organized by S.V. B. P. University of Agriculture & Technology, Modipuram during 2004
- Best Exhibition stall award by the Agricultural Exhibition organized by IARI, New Delhi

## **Professional Activities:**

- Research activities related to projects
- Promotion of IPM technologies in vegetable crops
- Dissemination of IPM technologies
- Organize training programme on IPM
- In charge Hindi cell
- Activities connected with the build up of institution

## **Member of Professional Societies:**

- Indian Society of Extension education
- Indian Society of Rangeland Management

## **Projects:**

- Promotion of IPM technologies in vegetable crops through farmer participatory approach (PI)
- Exploration, Documentation and Mapping of Indigenous Technical Knowledge (ITKs) on Pest Management in Rice based cropping system CO PI
- Studies on pest management information delivery system in vegetable crops (PI)
- Demonstration, promotion and popularisation of Adaptable IPM Technology in Tomato and Bell pepper (Solanaceous vegetable crops) in a Farmers' Participatory Approach' (Co-PI) (NHB Project)
- Development of validation of IPM strategies for selected vegetable crops in mid - Garhwal hill of Uttarakhand (CO PI)
- Promotion of IPM technologies in vegetable crops (Cauliflower) under wide area approach (CO PI)
- Validation and popularisation of deliverable IPM technology for Bulb vegetable crops (Onion) (Co-PI)