

PROFILE

Dr. Khwairakpam Subadas Singh

Scientist-B

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Qualifications:

- M.Sc. in Zoology (spl. Entomology) from University of Delhi
- M.Phil. in Zoology (Applied Entomology) from University of Delhi
- Ph.D. in Zoology (Applied Entomology), NBPGR, New Delhi

Area of Research Interest

- Applied Entomology and Radiation Biology (Insect pest control)
- Developing eco-friendly technologies against insect pests infesting Muga, Eri silkworm and host plants thereof.

Professional Experiences:

- Assistant Professor in Zoology, University of Delhi, New Delhi.
- Research Associate on *Pest Risk Analysis* in Directorate of Plant Protection, Quarantine & Storage, Faridabad; Ministry of Agriculture, Govt. of India.
- Senior Research Fellow in NBPGR, Pusa Campus, New Delhi.

Awards/Honour/Fellowship

- **Received Best Poster paper Award In: International Conference on Post Harvest Management and Valorization of Agri-Horticultural Produce and Exhibition** from 19th -20th February 2010) for the paper entitled "Efficacy of modified atmosphere as disinfestation treatment against the storage pests infesting walnut kernel" By Thakur Manju, Shashi Bhalla, RK Pal, S Rawat, **Subadas Singh** and RK Khetarpal (2010)
- UGC Rajiv Gandhi National Fellowship
- UGC/CSIR recognized NET qualified

Publications

1. **Singh Subadas**, Shashi Bhalla, S.C. Bapna, R. Pramod, Neeraj Kumar and Manju Thakur (2011) Efficacy of electron beam irradiation against pulse beetle,

PROFILE

- callosobruchus maculatus* (F.) (coleoptera: bruchidae). *Indian Journal of Entomology* **73** (2): 123-128.
2. Thakur Manju, Shashi Bhalla, Sudhir Rawat and **Subadas Singh** (2010) Time mortality relationships for *Cadra (Ephestia) cautella* infesting walnut using thermal treatments. *Indian Journal of Agricultural Sciences* **81** (6): 555- 559.
 3. Gupta Kavita, Shashi Bhalla, B Lal, Manju Lata Kapur, C Singh, R Bano, **Subadas Singh**, Manju Thakur and RK Khetarpal (2009) Interception of insect pests in imported seed germplasm during 2007-08. *Indian Journal of Agricultural Sciences* **81** (1): 100-103.
 4. Bhalla Shashi, Kalyani Srinivasan, **Subadas Singh**, Manju Thakur SC Bapna, R Pramod, J Dwivedi, Arun Sharma and RK Khetartpal (2010) Effect of electron beam irradiation on germination and vigour of greengram (*Vigna radiata*) seeds. *Seed Research* **38** (1): 16-20.
 5. **Singh Subadas**, Shashi Bhalla, Kalyani Srinivasan, TV Prasad, R Pramod and Jishnu Dwivedi (2015) Susceptibility of *Callosobruchus chinensis* (Linnaeus) (Coleoptera: Bruchidae) infesting chickpea to low energy electrons. *Indian Journal of Agricultural Sciences* **85** (3): 387-91.
 6. Manju Thakur, Shashi Bhalla, R.K. Pal, **Subadas Singh** and R.K. Khetarpal (2015) Efficacy of modified atmosphere and thermal treatments for disinfestation of storage pests infesting walnut kernel. *International journal of Basic and Applied Biology* 2(6): 433-435
 7. **Subadas Singh**, Kalyani Srinivasan, and Shashi Bhalla (2015) Effect of Microwave Radiation on Physiological and Biochemical Parameters of Soybean Seed. *Indian Journal of Plant Protection* (Communication)

Book Chapters

1. **Singh Subadas** and Saya Okram (2008). The Relationship between Flower and Honey Bees. **In:** Bioscope, *Annual Zoological Magazine*, Vol.1. (eds Kumar Surender, Richa, Manisha Tomar, Chitra Sharma) 61-63 p.
2. Bhalla Shashi, Kavita Gupta, B Lal, Manju Lata Kapur, **Subadas Singh**, Manju Thakur and RK Khetarpal (2009) Novel techniques for disinfestations of insects in quarantine. **In:** *Biosecurity and Biosafety: Policies, Procedures and Issues* (eds VC Chalam, Kavita Gupta, Shashi Bhalla, Rajan, RK Khetarpal) 293-299 p.
3. Bhalla Shashi, Manju Lata Kapur, **Subadas Singh** and Manju Thakur (2009). Techniques for salvaging against insect and mite pests **In:** *Biosecurity and Biosafety: Policies, Procedures and Issues* (eds VC Chalam, Kavita Gupta, Shashi Bhalla, Rajan, RK Khetarpal) 351-353 p.

Conferences/ Seminars/ Symposia papers: (15 Nos.)

Associated in organizing

- Winter School Training Course on “Boisafety and Biosecurity: Policies, Procedures and Issues” at NBPGR, Pusa campus, New Delhi, (Jan.14-3 Feb.2009) as a member Purchase Committee and Hall arrangements.

PROFILE

- Indo-US symposium on Sanitary and Phytosanitary Measures, NASC, Pusa Campus, New Delhi, 2008 as a member of Hall arrangements.
- Training course on “Diagnostic Methods for Detection and Identification of Pests of Seed and other Planting Materials and their Management” at NBPGR, New Delhi (May 18-28, 2011)
- Interactive Workshop with Pest Control Operators (PCOs) Approved for the Use of Methyl Bromide and Aluminium Phosphide at NASC, Pusa Campus, New Delhi (16th Nov. 2011)
- First International Conference on Empowerment of Women in Developing World, organized by WDC, Shivaji College, University of Delhi, New Delhi (1-2 April, 2013)
- Founder member of United Manipuri Researchers’ Organization (UMRO), New Delhi.
- Computer Committee Chairman, International Students House, University of Delhi (2004-06).

Date: 10 November, 2015

Place: Jorhat, Assam (INDIA)

(Dr. Kh. Subadas Singh)