

## Dr Sangita Sharma

Scientist

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### Ongoing Research Projects

- All India Network Project on Agricultural Acarology funded by ICAR for ₹ 36.92 Lakh (annual) from 2017-long term (Principal Investigator).
- Tribal Sub-Plan (TSP) Programme under “All India Network Project on Agricultural Acarology funded by ICAR for ₹ Two Lakh (annual) from 2018 to long term (Principal Investigator).
- Evaluation of Horticultural Mineral Oils/New Acaricides/Insecticides funded by chemical companies from 2017-long term (Collaborator).
- Incubation Centre for Facilitating School- to-Work Transition in the Agriculture Sector from 2025 funded by State Project Director, Samagra Shiksha, Shimla, Govt. of HP for ₹ 2.80 Crores (Co-coordinator).

### Important Research Publications

- **Sharma S**, Sharma, AK, Paul J. 2025. Seasonal Incidence, Varietal Preference and Management of Garden Snail, *Helix aspersa* in Capsicum. *Plant Archives* **25**(1):1087-92
- **Sharma S**. 2025. Weather based wheat yield prediction model for the state of Himachal Pradesh, India. *Bangladesh Journal of Botany* **54**(3):587–92.
- Chauhan A, Daroch RK, Sharma R, Chandel VGS, **Sharma S**, Thakur K S and Singh R. 2025. Genetic diversity analysis of *Trialeurodes vaporariorum* (Hemiptera: Aleyrodidae) populations infesting vegetables in low and mid hills of Himachal Pradesh. *Oriental Insects* 1–14.
- Singh J, **Sharma S** and Kumar R. 2025. Bioefficacy of a new acaricide, Cyenopyrafen 30%SC against phytophagous mites of apple. *Journal of Entomological Research* **49**(2):368-71.
- Chauhan S and **Sharma, S**. 2025. Comparative toxicity and dose-mortality analysis of acaricides and a Horticultural Mineral Oil against *Panonychus ulmi* (Koch) (Acarina: Tetranychidae) on Apple. *Journal of Entomological Research* **49**(2):372-75.
- Singh J and **Sharma S**. 2022. Efficacy of phosmet against woolly apple aphid (Hausmann). *Indian Journal of Entomology* **84**(2):423-5.
- Kumari N, Sharma U, Sharma **S** and Gupta B. 2022. Diversity and relative abundance of insect fauna of apple (*Malus domestica* borkh) in high density plantation. *Journal of Entomological Research* **46**(1):158-62.
- Bhardwaj S and **Sharma S**. 2021. Diversity of predatory mite fauna associated with various agroclimatic zones of Himachal Pradesh. *Indian Journal of Entomology* **83**(4):655-9.

- Singh M and **Sharma S.** 2017. Forecasting of maize yield at pre-harvest stage using climatic variables. *Journal of Agrometeorology* **19**(2):167-9.
- Sharma S, Singh M and Bhan SC. 2017. A study on pre-harvest forecast of maize yield using statistical model for Himachal Pradesh. *Mausam* **68**(2):369-74.

## **Awards & Recognitions**

- Received letter of appreciation from Director of Research, UHF, Nauni for delivering a lecture on “Holistic insect-pest and mite management strategies through Natural Farming” during one-day workshop on “**Alternaria and Marssonina Leaf Spots in Apple: Causes and Remedial Strategies**” held on January 16, 2026 at UHF, Nauni, Solan.
- Received “**Certificate of excellence in Reviewing**” by “*Journal of the Entomological Research Society*” for the Academic Year: 2025-26.
- Received “**Certificate of excellence in Reviewing**” by “*Journal of Scientific Research and Reports*” for the Academic Year: 2025-26.
- Received “**Certificate of excellence in Reviewing**” by “*Entomological News*” for the Academic Year: 2025-26.
- Received “**Certificate of excellence in Reviewing**” by “*Journal of Experimental Agriculture International*” for the Academic Year: 2025-26.
- Received consolation prize for poster presentation in Indian Ecological Society International Conference held during November 12-15, 2024 at Punjab Agricultural University, Ludhiana, India.
- Received letter of appreciation from Vice Chancellor, Dr. YSPUH&F, Nauni on December 30, 2023 for commendable efforts to decrease use of agrochemicals and increasing awareness about insect pest management among farmers.
- Letter of appreciation extended by ADR (R&E), RHR&TS, Mashobra, awarded by Hon’ble Vice Chancellor, YSPUH&F, Nauni for outstanding contribution/dedication in conducting Apple Day cum Kisan Mela held on August 8, 2022.
- 2<sup>nd</sup> best poster presentation certificate in 3<sup>rd</sup> Congress on Insect Science, held on April 18-20, 2011 at PAU, Ludhiana, Punjab (India).