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Ongoing Research Projects

- All India Network Project on Agricultural Acarology funded by ICAR for ₹ 21.58 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 ₹ one Lakh (annual) from 2018 to long term (Principal Investigator).
- Development of Subhash Palekar Natural Farming (SPNF) Model in apple under Prakritik Kheti Khushal Kisan Scheme funded by Department of Agriculture, Govt. of Himachal Pradesh for ₹ 1.13 crores from 2019 to 2024 (Collaborator).
- Himachal Pradesh Horticulture Development Project (HP-HDP) Sub component “Pest Surveillance and Forecasting/Forewarning System” of Horticulture Department funded by World Bank ₹ 153.12 Lakh from 2017 to 2023 (Collaborator).
- Evaluation of Horticultural Mineral Oils/New Acaricides/Insecticides funded by chemical companies from 2017-long term (Collaborator).

Important Research Publications

- 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. Foracasting 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.
- Bhardwaj S and Sharma S. 2012. Seasonal activity of the apple European red mite, *Panonychus ulmi* (Koch) (Acari: Tetranychidae). *Indian Journal of Entomology* **74**(2):159-62.

- Bhardwaj S, Sharma S and Bhardwaj SP. 2010. Response of *Orius incidiosus* (Say) (Hemiptera: Anthocoridae) on European red mite, *Panonychus ulmi* (Tetranychidae) on apple. *Indian Journal of Entomology* **72**(4): 297-300.
- Thakur M, Mahajan R, Sharma S and Verma AK. 2007. Bioefficacy of *Podophyllum hexandrum* and podophyllotoxin against cruciferous pests. *Indian Journal of Plant Protection* **35** (1): 43-6.
- Bhardwaj S, Bhardwaj SP and Sharma S. 2007. Efficacy of new miticides against European red mite (*Panonychus ulmi*) on apple (*Malus domestica*). *Indian Journal of Agricultural Sciences* **77** (3): 66-7.
- Bhardwaj S, Sharma S and Bhardwaj SP. 2006. Environmental factors affecting the population build up of *Panonychus ulmi* (Koch) on apple. *Indian Journal of Plant protection* **34** (1): 36-9.

Awards & Recognitions

- 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.
- 2nd best poster presentation certificate in 3rd Congress on Insect Science, held on April 18-20, 2011 at PAU, Ludhiana, Punjab (India).