

Dr. Neena Chauhan

Associate Professor

Specialization: Fruit Science(Plant Propagation & Orchard Management)

Contact: +91 0177-2740261(O)

Mobile: +917807764317

E. mail:neenach97@rediffmail.com



Ongoing Research Projects

- Establishment and Management of Field Gene Bank for Maintenance of Plant Varieties Registered under *PPVFR* Act, 2001 for ₹32.09 lakh from 2025 (Principal Investigator).
- Scientific exploration of natural farming system in apple cultivation through bio-prospective insights funded by State Department of Agriculture, Shimla, HP for ₹32.09 lakh from 2025 (Co-Principal Investigator).
- Evaluation of nutrients and plant growth regulators funded by chemical companies from 2013-long term under chemical testing scheme (Co-Principal Investigator).

Important Research Publications

- Dhiman D, **Chauhan N**, Verma P, and Sharma N. 2026. Russet Control and Improvement in Fruit Quality of Apple cv. “Red Velox” With Application of GA₄₊₇ + BA in Wet Temperate Zone of Himachal Pradesh. *New Zealand Journal of Crop and Horticultural Science* 54: 1-9
- Thakur P, **Chauhan N**, Thakur DS, Verma P and Thakur M. 2025. Varietal Assessment, Correlation Studies and Path Coefficient Analysis in Apple in High Hill Conditions of Himachal Pradesh, India. *International Journal of Bio-resource and Stress Management* 16(9): 01-08
- Dhiman D, **Chauhan N**, Verma P, Singh S and Sharma N. 2025. Exogenous Gibberellin₄₊₇ and Benzyladenine application promotes return bloom, vegetative growth, fruit set and yield of apple (*Malus x domestica* Borkh.) cv. ‘Red Velox’. *Applied Fruit Science* 67:286
- Sharma A, Thakur DS, Dangi G, **Chauhan N** and Verma P. 2025. Qualitative and quantitative analysis of pear germplasm for morphological and pomological traits using multivariate analysis. *Applied Fruit Science* 67:27
- Singh D, **Chauhan N** and Chauhan A. 2023. A note on promising early colouring apple bud sports identified from commercial exotic apple germplasm. *Genetic Resource Crop Evolution* 70:1931–38
- Verma P, Sharma S, Sharma NC and Chauhan N. 2022. Review on crop load management in apple (*Malus x domestica* Borkh.). *Journal of Horticultural Science and Biotechnology* 98(3): 299-21.
- Dangi G, Singh D, **Chauhan N**, Dogra RK, Verma P and Sharma S. 2021. Characterization of selected sweet cherry (*Prunus avium* L.) varieties using DUS Test Guidelines. *Indian Journal of Plant Genetic Resources* 34(2): 290-4.
- Sharma S, Sharma N, Sharma DP and **Chauhan N**. 2020. Effects of GA₄₊₇

+ BA and CPPU on russetting and fruit quality in apple (*Malus × domestica*). *Indian Journal of Agricultural Sciences* **90**: 74-7.

- **Chauhan N** and Chandel JS. 2010. Growth, productivity, leaf nutrient contents and water-use efficiency of kiwifruit (*Actinidia deliciosa*) under drip and basin irrigation system. *Indian Journal of Agricultural Sciences* **80**(7): 584-7.
- **Chauhan N** and Chandel JS. 2008. Effect of fertigation on growth, yield, fruit quality and fertilizer-use efficiency of kiwifruit (*Actinidia deliciosa*). *Indian Journal of Agricultural Sciences* **78**(5):389-93.

Awards & Recognitions:

- Letter of appreciation awarded by ADR (R&E), RHR&TS, Mashobra, for outstanding contribution/ dedication on Apple Day cum Kisan Mela on August 8, 2022.
- Best poster presentation certificate in the 1st Himachal Pradesh Science Congress held on October 15-16, 2014 at, Shimla, HP.
- Letter of appreciation extended by Scientist Incharge, RHR&TS, Dhaulakuan, awarded by the Director of Extension Education, YS Parmar University of Horticulture and Forestry, Solan during the year 2012.