

Dr Ajender

Assistant Professor (Fruit Science)

Specialization: Fruit Tree Nutrition and Propagation

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Ongoing Research Projects

- Skill Development Programme on Canopy Management of High-Density Plantation in apple to the rural youth of the Seraj Valley of District Mandi Funded by NABARD Bank for ₹ 4,59,200/- from 2022-25 (Co-PI)

Important Research Publications

- **Negi A**, Sharma D D, Thakur M and Babita. 2015. Multiplication of Apple Clonal Rootstock, Merton 793 through Cuttings” Published in *International Journal of Bio-resource and stress management* 6(4):539-54
- Prasad H, Thakur M, Gupta A K, Prasad D and **Ajender** . 2015. Effect of foliar application of 2, 4-D, urea and zinc sulphate on fruit drop, yield and fruit quality of Kinnow mandarin. *International Journal of Bio-resource and Stress Management* 6(5):619-622
- Spehia R S, Phurailatpam S, Sharma S, Devi M, **Negi A**, Singh S and Sharma J C. 2017. Effect of different colours of polyethylene mulch and sticky paper traps on disease incidence and yield of bell pepper under protected cultivation” Published in *Journal of Pharmacognosy and Phytochemistry* 6(3): 351-353
- **Negi A**, Thakur M and Babita. 2017. Studies on the multiplication of apple clonal rootstocks through cuttings” *Indian Journal of Ecology* 44(2): 379-384
- Spehia R S, Devi M, Singh J, Sharma S, **Negi A**, Singh S, Chauhan N, D, Sharma D & Sharma J C. 2018. Lettuce growth and yield in Hoagland Solution with an organic concoction. *International Journal of Vegetable Science* doi.org/10.1080/19315260.2018.1452815
- **Ajender** and Thakur B S and Chawla W. 2019. Effect of calcium on growth, fruit quality and production of apple. *Journal of Pharmacognosy and Phytochemistry* 2019; SP1: 588-593
- **Ajender** and Thakur B S. 2021. Effect of boron on growth, fruit quality and production of apple. *Journal of Pharmacognosy and Phytochemistry*; 10(1): 2602-2609
- Rimpika, Sharma D P and **Ajender**. 2021. Vulnerability of temperate fruit production to climate change: adaptation and mitigation measures. *Agriculture Review* 42 (2): 190-196
- Mohit, Verma M L, Thakur J and **Ajender**. 2022. Effect of inorganic and organic nitrogenous fertilizers on soil nutrient status, plant growth and yield of apricot (*Prunus armeniaca* L.), *Journal of Plant Nutrition*. DOI: 10.1080/01904167. 2022. 2099896
- Thakur D, Thakur K, Thakur M, **Negi A**, Kumar V and Rimpika. 2023. Performance of some Japanese Plum (*Prunus salicina*) cultivars in mid-hill condition of Kullu Valley,

Himachal Pradesh. *International journal of Bioresource and stress management* 14(11):1495-1501

- Sharma A, Singh R, Chaudhary J, Thakur K, **Ajender**, Singh S V, Aman J and Adity. 2024. Bioactive compounds in *Pyrus Pashia*, Their bioactivities and associated health benefits: a review. *Journal of Food Chemistry and Nanotechnology* 10(S1): S138-S143
- Manish Thakur Disha Thakur, **Ajender Negi** and Kiran Thakur. 2025. Persimmon: The lucrative cash crop for the future. *Rashtriya Krishi Agriculture Magazine* 19-22 (ISSN: 0974-0759) English

Extension literature

- **Ajender**, Disha Thakur, Manish Thakur, Kishore Thakur and Kiran Thakur 2025, पौध प्रसार तकनीक: एक व्यापक मार्गदर्शिका, प्रशिक्षण मैनुअल. Funded by NABARD Project (Published)
- Manish Thakur, Disha Thakur, **Ajender** and Kiran Thakur. 2025, टॉल स्पिंडल सिस्टम: उच्च घनत्व सेब बागवानी में अधिक उत्पादन के लिए अत्याधुनिक तकनीक. प्रशिक्षण मैनुअल. Funded by NABARD (Published)

Book Chapter

- Thakur, M., **Ajender**, Thakur, D., Thakur, K., Rimpika, Thakur, K. (2023). Pear Genetic Resources and Utilization. In: Rajasekharan, P.E., Rao, V.R. (eds) Fruit and Nut Crops. Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. *Springer*, Singapore. https://doi.org/10.1007/978-981-99-1586-6_4-1
- Thakur, D., Thakur, R., Thakur, K., Thakur, M., **Negi, A.**, Thakur, K. (2023). Peach. In: Rajasekharan, P.E., Rao, V.R. (eds) Fruit and Nut Crops. Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. *Springer*, Singapore. https://doi.org/10.1007/978-981-99-1586-6_3-1

Awards & Recognitions

- Participated international conference on worldwide research initiatives for agriculture, science and technology 24-26 October 2019 and got 2nd position in oral presentation on “Effect of boron on growth, yield and fruit quality of apple”.