

Dr Arun Kumar

Scientist

Specialization: Fruit Science

Contact: +91 1786 222231 (O)

Cell: 9418127451

E.mail: arunkumar.negi@gmail.com; arunnegiuhf@yaspuniversity.ac.in



Ongoing Research Projects

- Himachal Pradesh Horticulture Development Project (POP) funded by Department of Horticulture, Himachal Pradesh from 2016 to 2023 (Co-PI).
- Studies on the effect of Nano urea and Nano DAP on growth, yield and quality of apple funded by IFFCO New Delhi for ₹ 10.0 lakh from 2023 to 2024 (Co-PI).
- Establishment of Bud Wood Bank under HPHDP funded by Department of Horticulture, Govt. of Himachal Pradesh for ₹ 26.0. Lakh from 2021 to 2023 (Co-PI).
- Impact of technological interventions of KVK's on socio-economic empowerment and sustainable livelihood security of Tribal Farmers (TSP Network Project), funded by Centre Govt. (ATARI) from 2021 to 2023 (Co-PI).
- Field evaluation of Sanovita concept on apple funded by Sanovita India Pvt. Ltd for ₹3.0 Lakhs from 2021 to 2023
- Evaluation of ambition complete as a liquid fertilizer on apple funded by Bayer Crop Sciences for ₹ 7.0 lakhs from 2022 to 2023 (Co-PI).
- Evaluation of Femigrow on apple funded by Swaroop Agro-chemical Industries Nasik, Maharashtra for ₹ 3.0 lakhs from 2023 to 2024 (Co-PI).
- Evaluation of aquafert foliar on apple funded by Rallis India Limited, Chandigarh for ₹ 3.0 lakhs from 2022 to 2023 (Co-PI).
- Study the various new spur cultivars on seedling rootstock under High Density Planation at different elevations of Kinnaur funded by ATARI, ICAR for ₹ 3.0 lakhs from 2020 to 2023 (Co-PI).

Important Research Publications

- Kumar A, Thakur AK, Bhadhari, DP, Ram B and Negi D. 2023. Evaluation of aquafert as a foliar fertilizer on apple cv. Royal delicious. *Plant Archives* **23**(1): 156-159.
- Kumar A, Singh G, Kumar V, Kumari M and Dhiman, S. 2021. Study of apple varieties in high-density plantation under cold dry temperate conditions of Kinnaur. *International Journal of Bio-resource and Stress Management*: **13**(4), 372-377.
- Kumar A. 2020. Effect of Nitrobenzene on Flowering, Fruiting and Quality Parameters of Apple cv. Royal Delicious under Cold Dry Temperate Region of Himachal Pradesh. *Agriculture of Science Digest* **40**(2): 171-174.
- Kumar A. and Singh G. 2020. Effect of foliar application of bio-stimulants on apple cv. Royal delicious. *Plant Archives* **20**(1): 891-894.
- Kumar, 2020. Performance Studies of New Apple Cultivars on Different Rootstock under High-Density Plantation in Cold Dry Temperate Region of Kinnaur, Himachal Pradesh. *International Journal of Bio-resource and Stress Management* **11**(2): 148-152.
- Arun K and Sharma N. 2018. Growth, flowering and physiological responses of olive trees to growth retardants under rain-fed conditions of Himachal Pradesh. *Indian Journal of Horticulture* **75**(3): 411-414.

- Kumar A, Sharma N and Singh RP. 2017. Influence of paclobutrazol and cycocel on growth, fruitfulness and physiological characteristics of olive (*Olea europaea* L.). *Plant archives***17**(1):83-88.
- Kumar A. and Sharma N. 2017. Influence of nutrients on growth, fruitfulness and leaf nutrient status of olive (*Olea europaea* L). *International Journal of Bio-resource and Stress Management***8**(1):85-90.
- Kumar A, Sharma N, Sharma CL and Singh G. 2017. Studies on nutrient management in apple cv. Oregon Spur-II under the cold desert region of Himachal, Pradesh, India. *Indian Journal of Agricultural Research* **51**(2):161-166.
- Kumar A. and Sharma N. 2016. Characterization of olive cultivars for drought tolerance potential under rainfed conditions of Himachal Pradesh. *Indian Journal of Agricultural Research***50**(5):440-445.