

Dr Pardeep Kumar

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Ongoing research projects

- Organic farming module on multilayer horticulture based cropping system funded by Dr YSP University of Horticulture, Nauni, Solan through Govt. of HP (₹ 3.0 lakh; May 2023 – May 2024)

Important research publications

- Kumar P, Thakur J and Agrawal, G. 2022. Evaluation of regulated deficit drip irrigation strategies in apricot. *Journal of Plant Nutrition*, 1-10. <https://doi.org/10.1080/01904167.2022.2027968>
- Vinay, Sharma R, Bharat NK, Thakur KS and Kumar P. 2022. Effect of Seed Coating and Foliar Spray Treatments on Plant Growth, Seed Yield and Economics of Seed Production in Garden Pea (L.) *Pisum sativum*. *Indian Journal of Ecology* **49**(2): 378-382
- Sharma S, Sharma R, Shukla YR and Kumar P. 2022. Effect of Zinc as Foliar Application on Seed Yield in Radish. *Indian Journal of Ecology* **49**(2): 378-382
- Thakur J, Kumar P, Mohit and Dhindsa RK. 2019. Influence of integrated nutrient management on soil physico-chemical properties and nutrient uptake in cauliflower. (*Brassica oleracea* var. *botrytis* L.). *Indian Journal of Soil Conservation* **47** (1): 74- 80
- Negi N, Datta BS, Gupta YC, Kumar P, Gupta RK, and Spehia RS. 2017. Effect of nitrogen and potassium application ornamental kale (*Brassica oleracea* var *acephala* DC). *International Journal of Farm Sciences* **7** (3): 79-82
- Kumar P, Suman S, Spehia RS, Kumar V and Kaith NS. 2016. Studies on methods & rate of fertilizer application in apple under mulch in North Western Himalayas. *Journal of Plant Nutrition* **39**(2): 219-226
- Raina JN, Suman S, Kumar P and Spehia RS. 2013. Effect of drip fertigation with and without mulch on soil hydrothermal regimes, growth, yield and quality of apple (*Malus domestica* Borkh.). *Communication in Soil Science and Plant Analysis* **44**: 2560-2570
- Sharma V, Sharma IP, Spehia RS and Kumar P. 2012. Influence of irrigation methods and fertilizer levels on productivity of potato (*Solanum tuberosum*). *Indian Journal of Agricultural Sciences* **82** (2): 117-21
- Sharma IP and Kumar P. 2007. Effect of drip irrigation and N and P application on soil moisture distribution and water-use-efficiency of chrysanthemum (*Dendranthema grandiflorum*). *Indian Journal of Soil Conservation* **35** (1): 50-53

- Thakur J, Kumar P and Mohit. 2018. Studies on conjoint application of nutrient sources and PGPR on growth, yield, quality and economics of cauliflower (*Brassica oleracea* var. *botrytis* L.). *Journal of Plant Nutrition* **41** (14) 1862-67

Awards and Recognitions

- Awarded University Merit scholarship at MSc level