

Dr Rajeev Kumar
Scientist



Specialization: Vegetable Production, Protected Cultivation
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Ongoing Research Projects

- Sustainable vegetable crop production technology and climate change mitigation through HRD to enhance productivity and livelihood security of small and marginal farmers of Seraj Valley of District Mandi for ₹ 5.68 lakh from 2020 to 2023 (Principal Investigator).
- Skill Development programme on Canopy Management in High Density Plantation in apple to the rural youth of the Seraj Valley of District Mandi for ₹ 4.59 lakh from 2023 to 2024 (Co-PI).

Important Research Publications

- Sharma M K, Kumar R and Kumari S. 2011. Identifying superior quality F1 tomato hybrids for year-round production under low-cost plastic greenhouses in North-West Himalayas. *Vegetable Science* 38 (1): 30-4.
- Kumar R and Sharma M K. 2015 .Effect of different growing media and bio-fertilizers on tomato production in plastic greenhouses. *Indian Journal of Horticulture* 72(4):510-13.
- Kumar R, Singh S P and Kumar A. 2016. Performance of two brinjal varieties under open field and naturally ventilated polyhouse conditions in cold desert region of Himachal Pradesh, India. *Plant Archives* 16 (1):226-28.
- Kumar R and Kumar A. 2017. Knowledge of recommended pea production technology and training needs among small farmers of Spiti an arid cold desert region of Himachal Pradesh, India. *Plant Archives* 17 (1):672
- Kumar R, Kanwar H.S. and Sharma M K. 2018. Studies on effect of different seed rate and row spacing on green pea production in cold desert region of H.P. *Plant Archives* 18 (2):1895-98.
- Kumar R and Sharma M K.2018. Effect of different growing methods and integrated nutrient management systems on yield and yield contributing traits of broccoli [*Brassica oleracea* (L.) var. *italica*] *Vegetable Science*. 45(2):254-57.
- Kumar R and Sharma M K. 2018. Effect of soilless growing media and fertigation on Capsicum production under naturally ventilated polyhouse in Cold desert region of Himachal Pradesh. *Indian Journal of Horticulture* 75(1):87-91.

- Kumar R, Sharma D and Sharma S K. 2020. Evaluation of different Rajmash cultivar for yield and economics under dry temperate region of Himachal Pradesh. *Journal of Krishi Vigyan*: 9 (1):118-20.
- Kumar R and Sharma S K.2021. Effect of integrated nutrient management on cabbage production in dry temperate region of Himachal Pradesh. *Journal of Krishi Vigyan*: 9 (2):46-48.
- Kumar R, Chauhan A, Kumari R, Kumari S, Thakur P and Thakur N. 2023. Effect of different locations and transplanting dates on the performance of Lettuce var. Great Lakes under wet temperate region of Himachal Pradesh-India. *International journal of Plant and Soil Science*: 35 (9): 38-44.

Awards & Recognitions

- Received first best paper award for paper presentation on “Effect of integrated nutrient management on Cabbage production in dry temperate region of H.P. during the second national conference held virtually on advances in sustainable agriculture on 26-28 Sept., 2020 organised by Society of Krishi Vigyan.
- Received second best poster award for poster presentation on “Effect of vegetable-based crop diversification on livelihood improvement of small and marginal farmers of seraj valley of Mandi district of Himachal Pradesh” presented in the AICRP (VC) Golden Jubilee National Symposium on 20-22 December, 2022 organized by Indian Institute of Vegetable Research, Varanasi, UP, India.