

Dr Dharminder Kumar

Senior Scientist

Specialization: Vegetable breeding and production

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Ongoing Research Projects

- Entrepreneurial skill development for production of quality planting material of subtropical horticultural, medicinal and vegetable crops for enhancing livelihood status of unemployed youths and progressive farmers funded by RKVY, RAFTAR. (Principal Investigator).

Important Research Publications

- Kumar D, Shubham, Dogra BS, Thakur S, Kumar S, Kumari S, Chandel VGS, Kaler R, Guleria V and Chauhan A. 2021. Genetic evaluation of garden pea (*Pisum sativum* L.) for pod yield and its contributing traits. *Biological Forum-An International Journal* 13(1) 768-775.
- Kumar R, Bhardwaj ML, Mandraria RK and Kumar D. 2017. Response of mango cultivar Dashehari under INM Module in the subtropical conditions of Himachal Pradesh. *Indian Journal of Ecology* 44 (6)712-714
- Kumar S, Kumar R, Kumar D, Gautam N, Singh N, Parkash C, Dhiman MR and Shukla YR. 2016. Heterotic potential, potence ratio, combining ability and genetic control of yield and its contributing traits in cucumber (*Cucumis sativus* L.) *New Zealand Journal of Crop and Horticultural Sciences* 45(3): 175-190.
- Kumar R, Kaushal S, Kumar S, Kumar D, Shukla YR and Dogra BS. 2016. Morphological characterization of newly introduced lettuce (*Lactuca sativa* L.) germplasm through principal component and regression analyses. *Electronic Journal of Plant Breeding* 7(3): 742-749.
- Kumar R, Kumar S, Kumar D and Gupta RK. 2014. Characterization of cucumber (*Cucumis sativus*) genotypes through principle componenet and regression analyses. *Indian Journal of Agricultural Sciences* 84(6) 765-769.
- Kumar D, Kumar R, Kumar S, Bhardwaj ML, Thakur MC, Kumar R, Thakur KS, Dogra BS, Vikram A, Thakur A and Kumar P. 2013. Genetic Variability, Correlation and Path Coefficient Analysis in Tomato. *International Journal of Vegetable Science*, 19:313–323.
- Kumar D, Kumar S, Chander P, Kumar M, Thakur KS, Dogra BS, Kumari S and Singh SP. 2013. Assessment of Genetic Variability in Cabbage Germplasm for Yield and Important Horticultural Traits. *Plant Archives* 13(1):457-461.
- Kumar D, Mehta S, Kohli UK and Verma R. 2005. Effect of leaf cuttings on biological and economic yield in methi (*Trigonella foenum-graecum* L.). *Journal of Horticultural Sciences* 11(1): 50-55.
- Kumar D, Kohli UK, Kanwar HS and Mehta S. 2005. Correlation and path analysis in cauliflower (*Brassica oleracea* var. *botrytis*) Snowball type. *Indian Journal of Horticulture* 62(4): 409-410.
- Kumar D, Kohli UK, Kanwar HS and Mehta S. 2005. Selecting suitable genotypes of cauliflower (*Brassica oleracea* var. *botrytis*), Snowball type for horticultural and quality traits. *Indian Journal of Horticulture* 63(1): 88-91.

Books/Manual

- Baweja HS, Verma AK, Gupta A, Kumar D and Baweja PK. 2023. Descriptive and Objective Floriculture, NIPA. (ISBN 978-93-91383-27-5)

Awards

- Best Oral presentation award-2022 during 2nd International Conference on Climate change and Impacting, Emerging Frontiers in Biological Sciences at Pioneer College of Education, Srinagar w.e.f. July 15-17, 2022.
- Best Oral presentation award-2022 during International Conference on “Existing Climate Change Scenario and its Arising Risks in collaboration with SKUAST, Jammu w.e.f. October 21-22, 2022.