

Dr Reena Kumari

Assistant Professor

Specialization: Vegetable Breeding

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Ongoing Research Project

- 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 (HP) funded by NABARD for ₹ 5.68 lakh from 2022 to 2023 **(Co-PI)**.

Important Research Publications

- Kumari R, Kumar R and Mehta DK. 2021. Expression of heterosis and residual heterosis for traits of earliness and yield in cross combinations of cucumber (*Cucumis sativus* L.) developed by introgression of indigenous and exotic sources. *Scientia Horticulturae*
- Kumari R, Kumar R and Gupta Meenu. 2021. Estimation of epistasis and genetic components of variance for different traits in cucumber (*Cucumis sativus* L.). *Indian Journal of Agricultural Sciences* 91(7):966-69.
- Kumari R and Kumar S. 2017. Combining ability studies for yield and yield contributing traits in F₁ and F₂ generations of cucumber (*Cucumis sativus* L.). *Indian Journal of Ecology* 44 Special Issue (6): 852-55.
- 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.
- Kumari R, Kumar R, Mehta DK, Dogra R and Banyal V. 2018. Heterosis and potence ratio studies for yield and its contributing traits in cucumber (*Cucumis sativus* L.). *Vegetable Science* 45(2): 210-19.
- Kumari R, Kumar R and Kumar S. 2017. Combining ability and heterosis for TSS and seed traits in cucumber (*Cucumis sativus* L.). *Vegetable Science* 44(1):12-17.
- Kumari R, Kumar R, Kumar S and Sharma A. 2018. Genetic evaluation of indigenous and exotic genotypes and hybrids for quantitative and qualitative traits in cucumber. *Journal of Hill Agriculture* 9: 171-78.
- Kumari R, Kumar R and Kumar S. 2017. Genetic studies on incidence and severity of economically important insect pest and diseases in F₁ and F₂ generations of cucumber (*Cucumis sativus* L.). *Journal of Hill Agriculture* 8(2):151-57.

- Kumari R, Kumar R, Sharma S, Rana S and Singh V. 2019. Genetic assessment for quality, biotic stress and seed traits in cucumber (*Cucumis sativus* L.). *International Journal of Chemical Studies* 7(3): 2517-21.3
- Kumari R, Sharma A, Bhagta S and Kumar R. 2018. River bed cultivation: A kind of vegetable forcing for remunerative returns. *International Journal of Current Microbiology and Applied Science* 7(4): 359-65.

Book and Manuals

- Kumar R, Singh K, Sharma A, Kumari R, Bhardwaj ML and Kanwar HS. 2017. *Himachal Pradesh ke Shivalik Shetar main Sabjio ki Unnat Kheti*, ISBN: 978-93-5279-257-3 published by Dept. of Vegetable Science, Dr YS Parmar University of Horticulture and Forestry Nauni, Solan (HP), 173230.

Awards & Recognitions

- Uma Datt Mamgain Best PhD Research Award- 2020 (SADHNA-UHF Nauni)
- Witnessed the Republic Day Parade, 2020 from PM's box at Rajpath, New Delhi as invited by Ministry of Human Resource and Development, GOI.33
- Best Ph.D. Thesis Award-2019 (PLANTICA Foundation-Uttarakhand)
- Gold Medal and Certificate of Appreciation for being PhD topper (Himotkarsh-Una, HP)
- Young Woman Scientist Award 2019 (2nd International conference RAAEASGD-2019)
- Gold medal, PhD-2015, COH, Dr YSP UH&F Nauni, Solan.
- Certificate of Appreciation by Honourable Union Education Minister, Govt of India for being among top 100 meritorious students across the country.
- Best Achiever Student Award in Academics - 2019 (Dr YSP UH&F Nauni, Solan)
- Certificate of Appreciation for outstanding performance in academics by Himachal Dastak
- Certificate of Merit during 10th, 12th, BSc, MSc & PhD degree programmes.