

## Dr SR Dhiman

Professor & Head



Specialization: Crop husbandry, flower regulation and breeding

Contact: +91 01792 252276

Mobile: 94182 14160, 85807 59544

Email: hodfls@yaspuniversity.ac.in, sitaramdhiman@yahoo.co.in

### Ongoing Research Projects

- Establishment of DUS coordinating centre at Dr. Y S Parmar University of Horticulture & Forestry, Solan for carnation and Phalaenopsis floricultural crops funded by PPV & FRA, GOI for Rs. 5.25 lakhs annually. (Principal Investigator)
- Validation of DUS testing guidelines for Lilium (Lilium sp; Oriental, Asiatic, LA hybrids and OT hybrids) funded by PPV & FRA, GOI for Rs. 18 lakhs. (Principal Investigator)
- Experiential Learning Programme on Commercial Floriculture funded by ICAR, GOI for Rs. 54.38 lakhs. (Principal Investigator)

### Important Research Publications

- Sharma P, Nath AK, Dhiman SR, Dogra S and Sharma V. 2022. Characterization of carnation genotypes and gamma irradiated mutants using RAPD, ISSR and SSR markers. *South African Journal of Botany* **148**:67-77.
- Thakur A, Sharma R, Dhiman SR, Negi R and Singh A. 2022. Genetic diversity analysis in chrysanthemum (*Dendranthema grandiflora* Tzvelev) using SSR markers: corroborating mutant behaviour of newly evolved genotypes. *Genetic Resources and Crop Evolution*. (<https://doi.org/10.1007/s10722-022-01438-y>).
- Sangeeta Kumari, Dhiman, SR, Dhiman, MR, Sharma, Puja and Dogra, RK. 2020. Genetic variability and correlation studies among different liliium genotypes. *Indian Journal of Agriculture Sciences*, **90**(6):1130-4.
- Dhiman SR, Gupta YC, Thakur P, Kashyap B, Sharma M and Sharma K. 2018. Effect of different black-out materials on off-season pot mum production of chrysanthemum (*Dendranthema grandiflora*). *Indian Journal of Agricultural Sciences* **88**(4):601-5.
- Laishram N, Dhiman SR, Gupta YC, Singh A and Bhardwaj SK. 2016. Qualitycutting production of chrysanthemum (*Dendranthema grandiflora*) as influenced by integrated nutrient management of the plants during production phase. *Indian Journal of Agricultural Sciences* **86**(11):1449-54.
- Sangma MP, Dhiman SR, Thakur P and Gupta YC. 2016. Effect of covering materials on off-season flower production in chrysanthemum (*Dendranthema grandiflora*). *Indian Journal of Agricultural Sciences* **86**(4):522-26.
- Sharma P, Gupta YC, Dhiman SR, Sharma P and Bhargava B. 2017. Effect of different planting dates and climatic conditions on growth, flowering and seed production of candytuft (*Iberis amara*). *Indian Journal of Agricultural Sciences* **87**(6):792-5.
- Priyanka S, Gupta Y C, Dhiman S R, Sharma P and Bhargava B. 2015. Effect of planting time on growth, flowering and seed yield in *Dianthus barbatus* L. *National Academy Science Letters* **38**(3):189-92.
- Bhargava B, Gupta YC, Dhiman SR and Sharma P. 2014. Effect of seed priming on germination, growth and flowering of snapdragon (*Antirrhinum majus* L.) *National Academy Science Letters* **38**(1):81-85.

- Nomita L, Dhiman SR, Gupta YC, Bhardwaj S, Kand Singh A. 2013 Microbial dynamics and physico-chemical properties of soil in the rhizosphere of chrysanthemum (*Dendranthema grandiflora*) as influenced by integrated nutrient management. *Indian Journal of Agricultural Sciences* **83**(4):447-55.

## Books and manuals

- Kashyap B, Dhiman SR, Shilpa Kamal and Anshul Kumar. 2022. Value addition through Dry Flowers. Department of Floriculture and Landscape Architecture, UHF, Nauni Published by DEE, UHF, Nauni.
- Gupta YC, Dhiman SR, Sharma P, Kashyap B and Thakur N. 2022. Protected cultivation of commercial cut flower crops. Department of Floriculture and Landscape Architecture, UHF, Nauni Published by DEE, UHF, Nauni.
- Gupta YC, Dhiman SR, Sharma P, Sharma B and Sharma P. 2021. Gaiinda, Pansy evam antirrhinum mein Pushp evam Sankar Beej Utpadan. Department of Floriculture and Landscape Architecture, UHF, Nauni Published by DEE, UHF, Nauni
- Dhiman SR, Gupta YC, Thakur P, Kashyap B, Gautam HR and Sharma M. 2019. Adhik aamdani ke liye guldaudi mein bemausami kheti ki takneek. Department of Floriculture and Landscape Architecture, Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan (HP).
- Gupta YC, Dhiman S R and Kashyap B. 2017. Chuninda phoolon ki Vyavasaik Kheti evam nursery utpaadan. Published by DEE, UHF, Nauni-Solan (HP).
- Dhiman SR, Thakur R and Gupta YC. 2013. Carnation Guldaudi mein vyavsayik nursery evam pushp utpaadan. By Department of Floriculture and Landscaping, Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan.
- Gupta YC, Dhiman SR and Thakur P. 2011. Vyavasaik phoolon ka nursery utpaadan. Published by Directorate of Extension Education, UHF, Solan. 39p.
- Thakur P, Gupta YC, Dhiman SR, Kashyap B and Chauhan NS. 2010. Wild ornamental plants of Himachal Pradesh. Directorate of Extension Education, Dr Y S P UHF Nauni, Solan.

## Awards

- Conferred 'Meritorious Services Award' by Hon'ble Governor and Chancellor of Dr YS Parmar University Acharya Dev Vrat on December 1, 2018.
- Bhargava B, Gupta YC, Dhiman SR, Sharma P and Sharma P. 2011. Received the best poster paper award for the paper on 'Seed priming technology in floricultural crops.' In: National Conference on recent trends and future prospects in floriculture. March 5-8, SVPUA&T, Meerut.
- Dhiman SR. 2010. Received best oral paper award for the paper entitled 'Studies on possible alternatives of STS in the post harvest handling of carnation and Alstroemeria.' Presented at National Symposium on lifestyle floriculture: challenges and opportunities. w.e.f; March 19-21, 2010 held at Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan (HP).
- Gupta YC, Dhiman SR, Sharma P and Verma VK. 2010. Received the second best poster paper award for the paper on 'Evaluation of newly developed F<sub>1</sub> hybrids of antirrhinum and pansy under polyhouse.' Presented at National symposium on lifestyle floriculture: challenges and opportunities. w.e.f; March 19-21, 2010 held at Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan (HP) 46p.
- Gupta YC, Dhiman SR and Kashyap B. 2010. Received the best oral presentation award for

the paper on 'Effect of growing media and auxins on propagation of hybrid lilies through scaling' in 'National symposium on lifestyle floriculture: Challenges and opportunities *wef*, March 19-21, 2010 held at UHF, Nauni, Solan (HP).

- Lyngdoh A, Gupta YC, Dhiman SR, Dilita BS and Kashyap B. 2010. Received the best poster paper award for 'Effect of substrates on the propagation of hybrid lilies through scaling' authored by in 'National symposium on life style floriculture: Challenges and opportunities *wef*, March 19-21, 2010 held at UHF, Nauni, Solan (HP).
- Vaidya P, Dhiman SR and Gupta YC. 2005. Received third prize for best poster paper entitled 'Evaluation of open pollinated seedlings of seed setting cultivars of chrysanthemum under Solan-Nauni conditions', in the National Symposium on Current Scenario in temperate Horticulture, held on July 6-7, 2005 at Shimla.
- Dhiman SR, Thakur P, Bhalla R and Sharma YD. 2005. Received the best poster award for paper entitled, 'Studies on post harvest handling of gladiolus cv. 'Nova Lux' by in National Symposium on recent trends and future strategies in ornamental horticulture, held on December 1-4, 2005 at Dharwad, Karnataka.
- Bhatia S, Gupta YC and Dhiman SR. 2004. Received the best poster paper award for the paper on "Effect of growing media and fertilization on carnation flower production under protected condition. "Presented in 'Recent Trends in High-tech horticulture and Post harvest technology, held at Chandra Shekhar Azad University of Agriculture and Technology, February 4-6, 2004.
- Sharma P, Sharma YD, Dhiman SR and Gupta YC. 2004. Received the best poster paper award for the paper on 'Effect of growth regulators and growing media on propagation of liliium oriental hybrids through scaling.' Presented at First Indian National Horticulture Congress, November 6-9, 2004, New Delhi.
- Dhiman SR, Thakur P, Bhalla R and Sharma YD. 2004. Received the best poster paper award for the paper entitled "Studies on post – harvest handling of gladiolus cv. Nova Lux." Presented in the National Symposium on Recent Trends and Future Strategies in Ornamental Horticulture, held on December 1-4, 2004 at Dharwad.
- Gupta YC, Rana N, Dhiman SR and Jain R. 2004. Received the best poster award for the paper entitled "Floral biology and seed setting studies in *Dianthus barbatus* L." Presented in the National Symposium on Recent Trends and Future Strategies in Ornamental Horticulture, held on December 1-4, 2004 at Dharwad.