

Brief Profile

Dr. Sunil Malik

Head, Floriculture & Landscape Architecture

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Academic Qualification:

Pursued Masters and doctorate degrees from CCS University, Meerut, UP,

Teaching & Research Experience:

Joined at Swami Kalyan Dev Krishi Vigyan Kendra, Hastinapur, Meerut, as Training Assistant in 1992 and served the Krishi Vigyan Kendra, G.B. Pant University of Agriculture & Technology, Pantnagar and SVP University of Agriculture & Technology, Meerut for more than 19 years in the capacity of Training Associate/ Assistant Professor (Horticulture) and Associate Professor (Horticulture) & Professor (Horticulture). During this period mainly engaged in extension program of horticultural crops, research of vegetables, fruits & flowers crops and UG and PG teaching.

Field of Specialization: Floriculture, Vegetable Science & Fruit Science

Courses taught at UG and PG levels:

1. Fundamental of Horticulture
2. Ornamental Horticulture
3. Production technology of Medicinal, Aromatic, Spices & Plantation Crops
4. Systematic Horticulture
5. Ornamental Horticulture
6. Advance Pomology
7. Advance Floriculture
8. Medicinal & Aromatic Plants
9. Orchard Management
10. Post-Harvest Physiology of Horticultural Crops
11. Plant Propagation and Nursery management
12. Landscaping
13. Protected Cultivation

List of reputed Journals & Semi technical Journals of published research papers:

1. Journal of Plant Development Science (India)
2. Progressive Agriculture (India)
3. Journal of Ornamental Horticulture (India)
4. Physiological & Molecular Biology of Crop Plants (Netherlands)
5. Annals of Horticulture (India)
6. VEGETOS (India)
7. Journal of Environmental Biology (India)
8. Journal of Farming System Research & Development (India)
9. Member of Editorial Board, Journal of Plant Development Sciences, Meerut. NAAS rating Journal

Achievements:

1. Establishment of Hi-Tech Floriculture Research and Training Centre at SVPUAT
2. Standardized Integrated Nutrient Management for African marigold.
3. Standardized NPK fertilization for Damask Roses for Western UP condition.
4. Standardized Bulb Size of Tuberose for cut flower production.
5. Ripening, post-harvest quality and storage life of Dasheheri mango improves by application of Ethrel 750 ppm.

Extension activities:

Coordinated several fruit, vegetable and flower exhibition in Farmer Fair and Agro-industrial Exhibition at university level and worked as Judge in several Flower Shows organized by Central Military Veterinary Laboratory and different organizations.

Important publications:

1. Kumar, M., Kumar, V., Malik, Sunil and Kumar, L. (2007). Effect of pulsing solutions and stages of spike harvest for refrigerated storage on post-harvest quality of gladiolus cut spikes. *Journal of Ornamental Horticulture*: 10 (1): 25-29. NAAS rating 3.7
2. Kumar V., Sharma S, Sharma A.K, Kumar M., Sharma S., Malik Sunil, Singh K.P., Sanger R.S., and Bhat K.V., (2008) Genetic diversity in Indian common bean (*Phaseolus vulgaris* L.) using random amplified polymorphic DNA markers. *Physiol. Mol. Biol. Plants* 14 (4): 383-387. NAAS rating 5.2, Cited 02
3. Singh, P., Singh, M.K., Kumar V., Kumar M. and Malik, Sunil (2012) Effect of physio-chemical treatments on ripening behaviour and post-harvest quality of Amrapali mango (*Mangifera indica* L.) during storage. *J. of Environmental Biology*, 33: 227-232. NAAS rating 7.20
4. Baliyan, D., Sirohi, A., Singh, D., Kumar, M, Malik, S. and Singh, M. K. (2014). Molecular characterization of Chrysanthemum (*Chrysanthemum morifolium* Ramat) germplasm using RAPD markers. *Journal of Plant Development Sciences*. Vol. 6 (3): 389-395. NAAS rating 4.57
5. Baliyan, D., Sirohi, A., Singh, D., Kumar, M, Malik, S. and Singh, M. K. (2014). Assessment of Genetic diversity in Chrysanthemum (*Chrysanthemum morifolium* Ramat) using Microsatellite markers. *Journal of Plant Development Sciences*. Vol. 6 (3): 397-403. NAAS rating 4.57