

Dr ML Verma
Professor & Head



Specialization: Soil Physics

Contact: +91 1792 252328 (O)

Cell: 9418244888

E.mail: hodswm@yspuniversity.ac.in, manoharverma265@gmail.com

Ongoing research projects

- Improving Nutrient and Water Productivity for Sustainability and Profitability in Fruit Production in Himachal Pradesh Sub component A.1.7b (HP-HDP) (₹ 353 Lakh; August 2016 – June 2023) (Principal Investigator)
- Facilities for management of experimental and demonstration farm for the scientist, students, farmers, line departments and NGOs of Himachal Pradesh. (₹ 15.75 Lakhs; 2021-Longterm (Principal Investigator)
- Optimization of irrigation through Hydrogel through Govt. of HP (₹ 3.0 lakh; May 2022 – May 2024) (Co-Principal Investigator)

Important research publications

- Mohit, Verma ML, Thakur J and Ajender. 2022. Effect of inorganic and organic nitrogenous fertilizers on soil nutrient status, plant growth and yield of apricot (*Prunus armeniaca* L.). *Journal of Plant Nutrition* (DOI: <http://doi.org.10.1080/01904167.2022.2099896>)
- Sharma S, Verma ML and Kaur M. 2018. Micro-nutrients in mango orchards under Kangra district of Himachal Pradesh. *Agricultural Research Journal* **56**(1):92-96.
- Verma ML, Sharma R, Singh C and Rathore AC. 2010. Influence of organic manuring on apple performance and soil properties in temperate zone of Himachal Pradesh. *Indian Journal of Soil Conservation* **38**(3):212-216.
- Verma ML, Singh C and Bhardwaj SP. 2009. Effects of biofertilizers on soil moisture, nutrient status and fruit productivity under organic cultivation of Apple in Himachal Pradesh. *Indian Journal of Soil Conservation* **37**(3):201-205.
- Verma ML, Chauhan PS, Sharma LK and Bhardwaj SP. 2007. Effect of irrigation levels on soil moisture and water-use efficiency and yield of Apple under drip irrigation. *Indian Journal of Soil Conservation* **35**(2):155-158.
- Verma ML, Thakur BC and Bhandari AR. 2007. Effect of drip irrigation and polyethylene mulch on yield, quality and water-use efficiency of Peach cv. July Elberta. *Indian Journal of Horticulture* **64**(4):406-409.
- Verma ML, Bhandari AR and Raina JN. 2006. Effect of soil moisture regimes on plant growth and yield of Kinnow mandarin. *Indian Journal of Soil Conservation* **34**(3):260-261.
- Verma M L, Sharma RK and Bhandari AR. 2005. Effect of soil management practices on crop productivity and soil-plant-water relation in pea-tomato cropping system under rainfed conditions. *Indian Journal of Soil Conservation* **33**(3): 217-220.
- Verma ML, Bhardwaj SP, Thakur BC and Bhandari AR. 2005. Nutritional and mulching studies in apple. *Indian Journal of Horticulture* **62**(4): 332-335.

- Verma ML, Sharma RK, Bhandari AR and Randev AK. 2003. Runoff, soil and nutrient losses and productivity under pea- tomato sequence as influenced by soil management practices. *Indian Journal of Soil Conservation*31(2):148-151.

Awards & Recognitions

- Awarded University Merit scholarship at PhD level.
- Adjudged “Third best in installation of Exhibition” during State Level Workshop of Krishi Vigyan Kendras organized at CSKHPKV, Palampur w.e.f March 20-21,2010
- Adjudged “Second best in installation of Exhibition” during State Level Workshop of Krishi Vigyan Kendras organized at CSKHPKV, Palampur w.e.f June 24-25,2011