

PUBLICATIONS ICAR-DMR, SOLAN (H.P.)

2022-23

Research Papers

1. Attri, B. L., Srivastava, A., Bijla, S., Kamal, S. & Sharma, V. P. 2022. Contribution of mushroom production for better environment, nutrition and health. Indian Horticulture, 66 (5). <https://epubs.icar.org.in/index.php/IndHort/article/view/119862>.
2. Barh, A., Sharma, K., Bhatt, P., Annepu, S.K., Nath, M., Shirur, M., Kumari, B., Kaundal, K., Kamal, S., Sharma, V.P., Gupta, S., Sharma, A., Gupta, M. & Dutta, U. 2022. Identification of key regulatory pathways of basidiocarp formation in *Pleurotus* spp. using modeling, simulation and system biology studies. Journal of Fungi, 8:1073. doi.org/10.3390/jof8101073.
3. Debnath, S., Attri, B.L., Kumar, A., Kishor, A., Narayan, R., Shinha, K., Bhowmik, A., Sharma, A. & Singh, D.B. 2020. Influence of peach (*Prunus persica* Batsch.) phenological stage on the short term changes in oxidizable and liable pools of soil organic carbon and activities of carbon cycle enzymes in the North-Western Himalayas. Pedosphere, 30 (5):638-650.
4. Debnath, S., Purakayastha, T. J., Kishor, A., Kumar, A., & Bhowmik, A. (2022). Temperate fruit farming in fragile lands of the Northwestern Himalayan region: Implications for subsoil nutrient availability, nutrient stock and soil quality. Land Degradation & Development, 33(17): 3484–3496.
5. Karn, R., Ranjan, J.K., Das, B. & Attri, B.L. 2022. In-vitro regeneration in long day garlic (*Allium sativum*). Current Hort., 10 (1): 37-40.
6. Kumar, A., Attri, B.L., Kishor, A., Debnath, S., Mer, M.S. & Narayan, R. 2020. Influence of rootstocks on white root rot (*Dematophora necatrix*) resistance in apple (*Malus baccata*). Indian J. Agril. Sci., 90 (1): 53-57.
7. Kumar, A., Sharma, V.P. & Kumar, S. 2022. Studies on genetic variability and sensitivity of fungicides, botanicals and microbial pesticides in *Mycogone perniciosa* Magn. causing wet bubble disease (WBD) of button mushroom. Indian Phytopathology. <https://doi.org/10.1007/s42360-022-00569-7>.
8. Kumar, S., Kamal, S. & Rana, J. 2022. Studies on evaluation of antibacterial activities of some cultivated mushrooms against human pathogenic bacteria. Mushroom Research, 31(1): 81–91. <https://doi.org/10.36036/MR.31.1.2022.326408>.

9. Kumar, S., Sagar, A., Kamal, S. & Rana, J. 2022. Morphological and molecular characterization of some popular cultivated mushrooms of India. *Mushroom Research*, 31(1): 25–38. <https://doi.org/10.36036/MR.31.1.2022.326229>.
10. Kumari, B., Kamal, S., Singh, R., Sharma, V.P. & Sanspal V. 2022. Traditional knowledge of the wild edible mushrooms of Himachal Pradesh. *Studies in Fungi* 7:15. <https://doi.org/10.48130/SIF-2022-0015>
11. Nath, M., Barh, A., Kumar, A., Kamal, S. & Sharma, V.P. 2022. A new high yielding low cost technology for the cultivation of *Volvariella volvacea* (paddy straw mushroom). *Agriculture Research Journal*, 59(2): 328-333. <https://doi.org/10.5958/2395-146X.2022.00049.7>.
12. Nath, M., Barh, A., Sharma, A., Bijla, S., Bairwa, R. K., Kamal, S. & Sharma, V. 2022. Impact of the different casing material on the yield of *Calocybe indica* in polyethylene bag and bed system. *Mushroom Research*, 31(2): 181–186. <https://doi.org/10.36036/MR.31.2.2022.131503>.