

**PUBLICAIONS ICAR-DMR, SOLAN (H.P.)
2016-17**

Research Papers

2016-17

1. Ahlawat, O.P., Kaur, H. and Kamal, S. 2016). Effect of culture raising techniques on mycelial growth characteristics and the fruit body yield potential in strains of *Volvariella volvacea*. *Mushroom Research*, **25**(2): 109-118.
2. Ahlawat, O.P., Manikandan, K, and Singh, M. 2016. Proximate composition of different mushroom varieties and effect of UV light exposure on vitamin D content in *Agaricus bisporus* and *Volvariella volvacea*. *Mushroom Research*, **25**(1): 1-8.
3. Ahlawat, O.P., Sinha, P. and Singh, M. 2016. Culture viability, commercial scale cultivation and shelf life studies on the silver-silk straw mushroom, *Volvariella bombycina*. *Journal of Scientific and Industrial Research*, **75**(9) 562-569.
4. Attri, B.L., Mer, M.S., Kumar, A., Narayan, R. and Kishor, A. 2016. Phyto-chemical characters of kiwi fruit (*Actinidia chinensis*) var. Allison affected by different stages of growth. *Annals of Horticulture*, **9**(1): 53-57.
5. Barh, A., Singh, N., Verma, S.S. and Kumar, M. 2016. Heterosis and combining ability studies for selection of parental lines and derived test crosses in maize. *Ecology Environment and Conservation*, **22**: 195–202.
6. Arora, B., Kamal, S. and Sharma, V.P. 2016. Effect of binding agents on quality characteristics of mushroom based sausage analogue. *Journal of Food Processing and Preservation*, DOI: 10.1111/jfpp.13134.
7. Chandra S., Chandra, D., Barh, A., Pankaj, Pandey, R.K. and Sharma, I.P. 2017. Bryophytes: Hoard of remedies, an ethno-medicinal review. *Journal of Traditional and Complementary Medicine*, **7**(1): 94–98.
8. Gautam, Y. 2016. Evaluation of a prototype developed for information dissemination related to mushroom farming for different parameters. *International Journal of Research in Engineering and Applied Sciences*, **6**(5): 186-193.
9. Gautam, Y. 2016. Green IT. *International Journal of Research in IT and Management*, **6**(5): 59-62.
10. Joshi, M., Singh, K., Pushpendra and Barh, A. 2016. Studies on F₁ and F₂ generations of soybean for correlation and path coefficient in Tarai region of Uttarakhand. *International Journal of Scientific Engineering and Applied Science*, **28**: 2395–3470.
11. Kishor, A., Verma, S.K., Brijwal, M., Kumar, A., Attri, B.L., Narayan, R. and Debnath, S. 2017. Evaluation of genetic diversity in wild pear (*Pyrus pashia*) under Kumaon Hills of Uttarakhand. *Environment and Ecology*, **35**(1B): 524-529.

12. Krishna, H. and Attri, B.L. 2016. Health beverages from bayberry and yellow Himalayan raspberry. *International Journal of Minor Fruits, Medicinal and Aromatic Plants*, **2**(1): 15-18.
13. Krishna H, Attri BL, Kumar A and Ahmed N (2016). Changes in the phenolic contents and antioxidant capacity of bayberry (*Myrica esculenta*) and yellow Himalayan raspberry (*Rubus ellipticus*) based health beverages. *Indian Journal of Traditional Knowledge* **15**(3): 417-424.
14. Mer, M.S., Attri, B.L., Kumar, A. and Narayan, R. 2016. Varietal performance in physico-chemical properties of peach (*Prunus persica*) grown in Uttarakhand, India. *Agriculture Science Digest*, **36**(1): 75-77.
15. Kumar, S., Sharma, V.P. and Kamal, S. 2016. Insect- fungus interactions- a review *Mushroom Research*, **24**(1): 1-9.
16. Shirur, M. and Sharma, V.P. 2016. Doubling farmers' income through technological interventions in mushroom. *Indian Horticulture*, **61**(2): 57-60.
17. Shirur, M., Manikandan, K. and Wakchaure, G.C. 2016. Evaluation of national training program on mushroom cultivation technology for entrepreneurs. *Mushroom Research*, **25**(2): 147- 152.
18. Shirur, M., Shivalingegowda, N.S., Chandregowda, M.J. and Rana, R.K. 2016. Technological adoption and constraint analysis of mushroom entrepreneurship in Karnataka. *Economic Affairs*, **61**(3): 427-436.
19. Sudheer, K.A., Meera, P. and Punita, K. 2017. Physiological requirements for conservation and maintenance of wild mushroom specimens (*Schizophyllum commune* and *Lentinula edodes*) collected from North East, India. *Environment and Ecology*, **35**(2A): 982-987.

