

## PUBLICATIONS: 2009-10

### A. Research Papers

Ahlawat, O.P., Raj, Dev, Indurani, C., Sagar, M.P., Gupta, Pardeep and Vijay, B. 2009. Effect of spent mushroom substrate recomposted by different methods and of different age on vegetative growth, yield and quality of tomato. *Indian Journal of Horticulture* 66(2): 208-214

Ahlawat, O.P., Rajender, Singh and Rai, R.D. 2009. Influence of Different Composted Substrates on Yield and Nutritional Attributes of Paddy Straw Mushroom, *Volvariella volvacea*. *International J Medicinal Mushroom* 11(4): 427-436.

Ahlawat, O.P. and Singh, Rajender. 2009. Influence of pH, temperature and cultural media on decolorization of synthetic dyes through spent substrate of different mushrooms. *Journal of Scientific and Industrial Research* 68(12): 1068-1074.

Kumar, S. 2009. Effect of some insecticides on edible fungi and sciarid fly larvae. *Insect Environment* 15: 21-22

Kumar, S., Sharma, S.R. and Sharma, V.P. 2008. Status of carbendazim residue in processed and marketable mushrooms. *Mush. Res.* 17(1):43-46

Kumar, S., Sharma, S.R. and Sharma, V.P. 2008. Persistence and effect of processing on the residues of malathion and decamethrin in white button mushroom, *Agaricus bisporus*. *Indian J. Mush.* 27:19-24.

Sagar, M.P., Ahlawat, O.P., Raj, D., Vijay, B. and Indurani, C. 2009. Indigenous technical knowledge about the use of spent mushroom substrate. *Indian J Traditional Knowledge* 8(2): 242-248.

Sharma, V.P. and Kumar, Rajesh. 2008. Management of *Sepedonium* yellow mould through chemicals. *Mush. Res.* 17 (1): 19-23.

Sharma, V.P., Singh, S.K., Kumar, Satish and Anjali. 2009. Impact of neem pesticides for the management of mycoparasites. *Indian J. Mush.* 27: 38-40.

Sharma, V.P., Singh, S.K., Kumar, Satish and Sharma, S.R. 2008. Molecular diagnosis of *Fusarium* rot and shaggy stipe disease associated with the cultivation of *Agaricus bisporus* mushroom. *Mush. Res.* 17 (2): 87-90.

Upadhyay, R.C. Semwal, K.C., A., Tripathi and Deepika Kumari. 2008. Studies on Amanita hemibipha complex from North Western Himalaya (India). *Mush. Res.* 17(1):1-7.

Vijay, B., Singh, P. Sharma, N. and Pathak, A. 2008. Studies on thermophilic fungi of *Agaricus bisporus* compost. *Indian J. Mush.* 26 (1&2):1-9

### B. Books

Sharma, V.P and Rai, R.D. 2009. Research Workers of D.M.R. Directorate of Mushroom Research, Solan (HP), India P. 80.

#### C. Book Chapters

Sagar, M.P., Ahlawat, O.P., Vijay, B., Raj, Dev and Pardeep, Gupta. 2008. Development of Mushroom Based Integrated Farming Systems for Resource Poor Farmers and Farm Women. In: Social Science Perspective in Agriculture A thrust for Integration (Prasad C and Babu Suresh edn.). Vardan, EB 106, Maya Enclave, New Delhi pp.474-485.

Sharma, V.P., Tewari, R.P. and Sharma, S.R. 2010. Impact of global warming on mushroom cultivation and integrated pest and disease management strategies. In: Challenges of climate Change Indian Horticulture (HP Singh, JP Singh and SS Lal eds) Westville Publishing house New Delhi

#### D. Technical Bulletins

Ahlawat, O.P. and Sagar, M.P. 2009. Spent khumb poshadhar ka prabandhan (in Hindi). Directorate of Mushroom Research, Solan (HP), India P. 52.

Sharma, V.P., Kumar, Satish and Tewari, R.P. 2009. Flammulina velutipes, the culinary medicinal winter. Directorate of Mushroom Research, Solan (HP), India P. 53.

#### E. Reports

Ahlawat, O.P. and Kumar, Satish. 2009. Compiled and edited AICRPM Annual Report 2008-09, DMR, Solan (HP) Pp.1-65.

Sharma, V.P., Kumar, Satish and Verma, Shailja. 2009. Compiled and edited DMR's Annual Report 2009. DMR, Solan , p. 82.

#### G. Abstract

Singh, Rajinder Upadhyay, R.C. and Atri, N. S. 2009. Evaluation of different vitamins and growth regulators for mycelial growth of Lentinula squarrosulus (Mont.) Singer. National Symposium on Botanical Research. Punjabi Univ. Patiala. 18-19th Feb. 2010.

Sharma, V.P., Kumar, Satish, Kumar and Sharma, S.R.. 2009. Need based use of fungicides in mushroom disease management. National Symposium on Rational use of fungicides in management of Horticultural crop diseases held at UHF Nauri, Solan w.e.f. July 5-6, 2009. Pp5-6.