

AREVIEW

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## Diseases, moulds, insect-pests and mites of mushroom

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### ABSTRACT

Mushroom is defined as macro-fungus with distinctive edible fruiting body which can be either epigeous or hypogeous. Cultivation of edible mushrooms carries great relevance in today's world in the context of a burgeoning population growth and extreme pressure on the environment. Mushrooms are highly nutritious and environment friendly crops that carry numerous medicinal benefits. The intensive cultivations of edible mushrooms can often be affected by several insect-pests and diseases caused by fungi, bacteria, viruses, nematodes etc. that rather frequently cause dramatic production loss. The market price of edible mushrooms is also reduced due to mould's contaminations. These infestations, infections and contaminations are facilitated by the particular environmental conditions under which mushroom cultivation is commonly carried out. There is not much bibliographic information related to such stresses of mushrooms and their management. The updated review presents a practical checklist of diseases and pests of the mushroom, providing useful information that may help different users.

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