

FUNGAL ROT OF BRINJAL IN KASHMIR VALLEY

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ABSTRACT : Brinjal or egg plant is an important vegetable, contains fats, proteins and has also medicinal value. This vegetable is attacked by several pathogens such as fungi, bacteria, viruses, nematodes, etc. which causes considerable damage to this plant. A study was therefore carried out to evaluate the incidence of fungal rot of brinjal in storage godowns, markets and on standing crop in different localities of Srinagar and Budgam district of Kashmir valley. From the study it was revealed that the various fungi, such as *Rhizopus stolonifer*, *Fusarium oxysporum* and *Alternaria alternata*, were responsible for Rhizopus rot, Fusarium rot, and Alternaria rot of brinjal respectively. These fungal pathogens were identified on the basis of symptoms, cultural, morphological and reproductive characteristics, respectively.

Key Words : Fungal rot, brinjal, survey, identification, Kashmir valley.