

Studies on Mycoflora Associated with Jute Seeds

A Poorneswari Devi, V Prasanna Kumari, P Anil Kumar and B Ratna Kumari

Department of Plant Pathology, Agricultural College, ANGRAU, Bapatla, Andhra Pradesh

ABSTRACT

Experiment was conducted to determine the seed borne fungal pathogens associated with jute seed collected from different locations in Prakasam district of Andhra Pradesh. Twelve samples collected from four mandals of Prakasam district were analysed in Completely Randomized Design (CRD) with three replications. The fungi identified predominantly were *Rhizopus* spp., *Myrothecium* spp., *Aspergillus* spp., *Curvularia* spp., *Trichoderma* spp., *Alternaria* spp., *Eurotium* spp., *Fusarium* spp., and *Chaetomium* spp. Seed borne fungal pathogens are the extreme constraints which deadly influenced the healthy jute seed production.

Key Words: *Fungi, Infection, Jute and Seed*