

# **Prevalence of *Trichoderma* spp in Different Cropping Systems of Guntur District, Andhra Pradesh**

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## **ABSTRACT**

Seven different cropping systems of Guntur district, Andhra Pradesh, viz., tobacco nurseries, groundnut, vegetables, cotton, chillies, citrus and rice-pulse systems were assessed for the prevalence of *Trichoderma* spp. Direct soil plating method was found better in enumeration of *Trichoderma* population compared to dilution plate method. Fungal population was more in tobacco and rice – pulse cropping systems, while it is less in chillies and citrus cropping systems. Direct plating of soil on the *Trichoderma* selective medium resulted in appearance of *Trichoderma* colonies only from cotton, chillies, citrus and rice-pulse system and not from tobacco nurseries, groundnut and vegetables.

**Key words :** Cropping systems, Fungal population, Prevalence, Soil physicochemical properties, *Trichoderma* spp