

Current Status of Stem Rot (*Sclerotium rolfsii*) and Late Leaf Spot (*Phaeoisariopsis personata*) in Major Groundnut Growing Districts of Andhra Pradesh

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ABSTRACT

Stem rot incidence was assessed in major groundnut growing districts *viz.*, Ananthapur, Chittoor, Guntur, Vizianagaram and Srikakulam in Andhra Pradesh. Stem rot disease incidence was found to range from 2.1 to 15.3% and severity from 2.1 to 15.1%, with highest mean incidence (12.0%) and severity (11.7%) in Ananthapuram. In Srikakulam, the incidence and severity ranged between 2.8 to 14.1% and 2.8 to 14.5% with a mean of 8.5% and 8.4%, respectively. The lowest mean stem rot incidence of 4.6% was recorded in Chittoor district which ranged from 3.3 to 6.5%, with lowest mean disease severity of 4.4%. Highly uniform to highly aggregated stem rot spatial pattern was observed in the 40 fields surveyed in five districts. Stem rot distribution in groundnut fields of Ananthapuram, Chittoor and Guntur was either uniform or highly uniform while in Srikakulam and Vizianagaram districts, it was mostly aggregated to highly aggregated. Soil pH had no significant correlation with stem rot incidence and severity.