



**RESEARCH ARTICLE :**

## Survey on incidence of soil borne diseases of coriander (*Coriandrum sativum* L.) in major districts of Andhra Pradesh

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**SUMMARY :** Coriander (*Coriandrum sativum* L.) an important annual herb used extensively all over the world. It is cultivated intensively in the districts of Kurnool, Guntur, Prakasam, Ananthapur, Chittoor and Kadapa of A.P in India. Four districts of A.P were surveyed to record the disease incidence of soil borne diseases in coriander. Root rot and wilt are important soil borne diseases prevalently causing yield loss in most of coriander growing fields which ultimately causes rotting of roots and wilting of plants. Highest disease incidence (%) of root rot and wilt was observed in Kurnool district (38.79%) (10.35%) respectively. *Fusarium solani* and *Fusarium oxysporum* f.sp. *corianderi* were isolated from the diseased samples and identified based on their cultural and morphological characters. These diseases causing a direct loss in its productivity with an incidence of root rot ranged from 26-38% and wilt ranged from 2-10%.

**KEY WORDS :**

*Fusarium*

*solani*, *Fusarium*

*oxysporum* f.sp.

*corianderi*,

Coriander, Root rot,

Wilt, Survey

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