

A REVIEW

Survey and studies on fungal diseases of groundnut (*Arachis hypogaea* L.) and their management in eastern U.P.

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SUMMARY

Groundnut is one of the important oil seed crop in arid and semi arid area of India. In Uttar Pradesh it is grown as rainfed crop in Eastern U.P. and Bundelkhand. In eastern U.P. it is mainly grown in Gorakhpur, Deoria, Balrampur, Shravasti and Bahraich not as an oilseed crop but as a dietary supplement or confectionary. The major constraints in its production are diseases caused by Bacteria, Fungi, Virus and Nematodes. Among these Tikka-leaf spot, Rust, Anthracnose, Wilt, Stem rot, Root rot, Collar rot and Yellow mold is noticed as most destructive diseases for yield loss. Among all these Tikka disease and rust are most common and destructive to reduce the quantity as well as quality of produce. To minimize the loss caused by this pathogen various measures are applied. Among all these measures biological control is most beneficial.

Key Words : Groundnut, Tikka diseases, Leaf spots, Rust, root rot, Stem rot, Anthracnose

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