Epidemiology of tikka disease of groundnut

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SUMMARY
Aerobiological investigations were carried out for one season over Groundnut (Arachis hypogea L.) field to assess the dispersal of the pathogen Cercospora sp. causing Tikka disease. Highest spore concentration was found in 9th week while onset of first symptom of disease was found in 12th week of the sampling. The period between the first incidence of pathogen and first incidence of disease was affected by the meteorological factors like temperature and humidity. The age of the plant also determines the susceptibility of the plant.

Key words: Groundnut, Cercospora, Meteorological factors, Disease incidence, Epidemiology