

Survey for Incidence of Viral Diseases Infecting Groundnut (*Arachis hypogaea* L.) in Guntur and Prakasam Districts of Andhra Pradesh

P Tejaswini, V Manoj Kumar, P Anil Kumar and D V Sai Ram Kumar

Department of Plant Pathology, Agricultural College, Bapatla, A. P.

ABSTRACT

Roving survey was conducted for assessing the incidence of viral diseases infecting groundnut in two major groundnut growing districts of Andhra Pradesh viz., Guntur and Prakasam which falls under Krishna zone during *kharif* and *rabi* 2020-21 where, groundnut bud necrosis disease (GBND) caused by *Groundnut bud necrosis virus* (GBNV) and peanut stem necrosis disease (PSND) caused by *Tobacco streak virus* (TSV) were observed. Incidence of GBND was significantly higher in *rabi* 2020-21 (7.03%) compared to *kharif* 2020-21 (1.82%) whereas, PSND incidence was significantly higher in *kharif* 2020-21 (4.52%) compared to *rabi* 2020-21 (0.28%). Maximum mean GBND incidence was recorded from Bapatla-West (4.6%) (Bapatla) and Maruproluvaripalem (12.45%) (Bapatla) whereas, maximum mean PSND incidence was recorded from Yazali (11.5%) (Karlalalem) and Madhamanchipadu (1.75%) (Vinukonda) during *kharif* and *rabi* 2020-21 respectively.

Keywords: *GBND, Guntur, Incidence, Kharif, PSND, Prakasam, Rabi and Survey.*