



RESEARCH PAPER

Influence of weather parameters on population of whitefly, *Bemisia tabaci* and Leafhopper, *Empoasca* sp. in *Kharif* mungbean

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Abstract : Mungbean may be grown in an extensive range of agro climatic zones in India and across the world. Mungbean is recognized as a poor peoples' diet because of its high protein content, which meets the majority of peoples' protein needs. Mungbean variety, ML 1808 was sown at the PAU's Ludhiana, Entomological Research Farm during the *Kharif* seasons of 2022 and 2023. There were three dates of sowing, 2 July (early sowing), 17 July (timely sowing), and 1 August (late sowing). Seasonal abundance study revealed that whitefly attained peaks during 36th SMW and leafhopper attained peak at 34th SMW during crop season of 2022 and 2023. *Bemisia tabaci*, *Empoasca* sp. showed significant correlations with weather factors like temperature and rainfall.

Key Words : Whitefly, Mungbean, *Kharif*, Population, Weather parameters, Leafhopper

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