

## **Seasonal Incidence of Shoot fly *Atherigona soccata* (Rondani) on Minor Millets in Relation to Weather Parameters**

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### **ABSTRACT**

A field experiment was conducted at Agricultural College, Naira during *rabi*, 2021-22 to assess the seasonal incidence of insect pest shoot fly of minor millets and its correlation with weather parameters. The incidence of shoot fly (*Atherigona soccata*) started during 6<sup>th</sup> standard meteorological week (SMW) with peak level of incidence at 8<sup>th</sup>-9<sup>th</sup> SMW in finger millet, proso millet, little millet and pearl millet crops, respectively. Among the weather parameters minimum temperature ( $r = -0.482$ ,  $r = -0.502$ ,  $r = -0.513$ ) in finger, proso and little millets and also in evening relative humidity ( $r = -0.466$ ,  $r = -0.476$ ) in proso and little millets showed significant negative correlation. Whereas all the other weather parameters, had a non significant correlation. There was no rainfall recorded during the crop grown period.

**Keywords:** *Pest incidence, correlation, maximum and minimum temperatures, relative humidity, millets and Shoot fly.*