



**RESEARCH ARTICLE :**

## Seasonal incidence of pigeonpea pod borers in relation to weather parameters

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**SUMMARY :** A experiment was conducted at Experimental Research Farm Department of Agril. Entomology, Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani, to study the seasonal incidence of *H. armigera*, *E. atomosa* and *M. obtusa* on pigeonpea with three unprotected plots of three different cultivars such as BDN-711, BSMR-716, BSMR-736 in non replicated design of plot size 10 m x 10 m. The studies revealed that the incidence of *H. armigera*, *E. atomosa* and *M. obtusa* on pigeonpea ranged from 0.6 to 4.08, 0.19 to 3.87 and 1.84 to 3.20 larvae per quadrat, respectively in one the generations during *Kharif* 2016. However, the maximum population noticed during 45<sup>th</sup>, 49<sup>th</sup> and 50<sup>th</sup> standard meteorological weeks, respectively. The larval population of *H. armigera* and *E. atomosa* was non-significantly correlated with maximum and minimum temperature, morning and afternoon relative humidity and rainfall where larval population *M. obtusa* has negative correlation with maximum temperature.

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**KEY WORDS :**

Seasonal incidence,  
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*Helicoverpa armigera*, *Erias atomosa*, *M.obtusa*

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