

SEASONAL INCIDENCE OF DIAMOND BACK MOTH, *PLUTELLA XYLOSTELLA* (L.) ON CABBAGE AT NORTHERN HILLS OF CHHATTISGARH

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Abstract: Seasonal incidence of diamondback moth *Plutella xylostella* L. on cabbage was conducted at three spots during winter season 2017-18. The result of experiments revealed that the pest was appeared from the 4th SMW (in the month of last January) with an average population of 1.7 larvae/plants at all locations and remained in the fields until the 14th SMW (in the month of April). The peak population of DBM was observed in 11th SMW with average population 7.4 larvae/plants at maximum and minimum temperature, 31.6°C and 16.2°C and relative humidity 69 per cent, respectively, thereafter the population started declining. The larval activity suddenly decreased with 0.7 larvae/plants in the 14th SMW (in the second week of April), during the period maximum and minimum temperature were increased and relative humidity also decreased.

Keywords: Cabbage, Diamondback moth, Seasonal incidence, Chhattisgarh

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