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RESEARCH ARTICLE :

Influence of different spraying dates on pod borer complex of pigeonpea

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SUMMARY : A experiment was conducted at Experimental Research Farm Department of Agril. Entomology, Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, during the *Kharif* 2016 to study effect of different spraying dates on management of pod borer complex of pigeonpea in three different cultivars in split plot design. Two consecutive sprays of emamectin benzoate 5% SG @ 4.4 gm/10 lit. water followed by flubendiamide 39.3% SC @ 3.9 ml/10 lit. water at 15 days interval were taken at various crop growth stages. Three cultivars of pigeonpea *viz.*, BDN-711 (early), BSMR-716 (mid late), BSMR-736 (late) were observed under field condition for their response to pod borer complex. The results revealed that in BDN-711 spraying at 50% bud initiation stage was superior treatment whereas in BSMR-716 crop sprayed at 10% flowering stage recorded minimum pest incidence and produced higher yield. In the cultivar BSMR-736, crop sprayed at flower initiation stage recorded minimum incidence of *H. armigera* and maximum yield. In above three cultivars, the incidence of *E. atomosa* was minimum, when the crop was sprayed at pod formation stage.

KEY WORDS :
Spraying dates, Pod borer complex, *Helicoverpa armigera*, *Erias atomosa*

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