

Management of *H. Armigera* by Using Various Techniques

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Abstract : The study was conducted to find out the best management practices against American bollworm on Okra variety Arka Anamika during 2016. The three different management practices viz. Release of *Trichogramma chilonis*, hoeing and weeding, clipping and lufenuron insect growth regulator (IGR) which were tested individually and with all possible combinations for the controlling of American bollworm at 3 diverse areas viz. University Research Farm Koont, NARC and Farmer Field Taxila. All the treatment combinations regarding damage of fruit showed significant results. The minimum fruit infestation i.e. 3.20% and 3.58% was recorded with combined treatment (i.e. *T. chilonis* + hoeing + weeding + lufenuron) in two different localities. This combined treatment also resulted in maximum yield at NARC and Taxila i.e. 57.67 and 62.66 q/ha respectively. This treatment gave the best results to manage *H. armigera*. On the basis of different integrated pest management techniques, Arka Anamika variety proved to be comparatively resistant against *H. armigera* in different localities. So this variety is recommended for the cultivation in Pothwar region to get maximum yield.

Keywords : management, american bollworm, arka anamika, okra

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