OBJECTIVE

- Study of susceptibility of *H. armigera* to *B. thuringiensis* Cry1Ac toxin and establishment of a baseline to monitor resistance development.

- To compare the midgut protein and protease profiles of *B. thuringiensis* resistant and susceptible *H. armigera*.

- Study of inheritance of Cry1Ac resistance in *H. armigera* population.

- Development of molecular markers for Bt Cry1Ac resistance and study of population dynamics of *H. armigera*. 