

COMPLETED EXTERNALLY AIDED PROJECTS

Project 1: Bioecology and Integrated Management of Insect Pests of Aonla, *Emblica officinalis* Gaertn.

Findings: Insect pest incidence and their seasonality in Aonla was recorded at Rajahmundry and Hyderabad locations. Aonla aphid, *Cerciaphis emblica*, stem gall insect, *Betuosa stylophora* and Bark eating caterpillar, *Inderbela* sp. followed by *Nipaecoccus viridis* were identified as key pests of Aonla. Five synthetic and one botanical insecticide viz., Dimethoate, Imidacloprid, Spinosad, Profenophos, Neem Seed Kernel Extract, and Acetamipride were evaluated under field conditions at Hyderabad in the month of March 2008 against Aonla aphid, *Cerciaphis emblica* on the cultivar *Chakiya*. Dimethoate 30 EC, Confidor 17.8 SL, and Profenofos 50 EC were found highly effective at 0.06, 0.036, and 0.1 per cent concentration respectively. The project is funded by National Medicinal Plants Board, New Delhi.



Menochilus sexmaculatus a predator on aonla aphid, *Cerciaphis emblica* on *Emblica officinalis*