Influence of manure (FYM) on the incidence of sucking pests and bollworms in cotton

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SUMMARY

Investigations on the influence of manure (FYM) on the incidence of cotton pest complex viz., aphids, jassids, thrips, whitefly, spotted bollworm, Helicoverpa and pink bollworm were carried out under rainfed conditions at the Research Farm, Department of Agronomy, Marathwada Agriculture University, Parbhani during Kharif 1999-2000 and 2000-2001. Manuring of FYM showed significantly lower incidence of aphids as well as jassids and not significant about thrips population than in unmanured plots. Numerically higher number of thrips were observed in manured plots than unmanured plots. In case of bollworms the incidence of spotted bollworms and Helicoverpa in squares and green bolls, the trend of infestation in locules indicated that manured plots were less susceptible to pink bollworm damage than unmannered plots. Manured crops gave significantly highest yield of cotton than unmanured crops.

Key words:
Cotton, Manure, FYM, Sucking pests, Bollworms, Yield