

Relevance of Bio-intensive IPM for Upland Crops in Andhra Pradesh

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ABSTRACT

The bio-intensive IPM demonstrations conducted in Guntur district of Andhra Pradesh on cotton, pigeonpea, chickpea and blackgram during three cropping seasons from 1999 – 2002 revealed that the IPM plots recorded less boll damage/pod damage, received less number of sprays and registered high yields and net returns compared to non-IPM plots. The activity of natural enemies population in cotton IPM fields were higher than non-IPM fields. The input cost on plant protection was substantially reduced in IPM demonstrations. The cost-benefit ratio of cotton (1:2.87), pigeonpea (1:3.01), chickpea (1:2.92) and blackgram (1:5.58) were higher in IPM plots compared to non-IPM plots.

Key words : Blackgram, Chickpea, Cotton, IPM, Pigeonpea