

A Study on extent of Adoption of Bt Cotton Production Technologies by the Bt cotton growers of Andhra Pradesh

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ABSTRACT

The study on Adoption of Bt cotton production technology in Andhra Pradesh was studied in Adilabad, Guntur and Kurnool districts of Andhra Pradesh. The results revealed that there was significant difference among the small, medium and large groups of farmers in respect of adoption of Bt cotton production technologies. Majority of the respondents had medium level of adoption category followed by high and low. The results also indicated that majority of the respondents adopted the use of Bt cotton hybrids (100%), top dressing of nitrogen and potash fertilizers (86.36%), use of recommended insecticides against sucking pests (84.09%). The least adoption was for basal application of phosphate fertilizers (12.5%), crop rotation (6.81%), growing of inter crops (5.68%), keeping yellow sticky traps for management of white flies (3.40%), stem application of monochrotophos (3.40%), topping of branches in cotton at 18-20 sympodial braches stage (2.27%), Regarding application of bio fertilizers, maintenance of refuge crop cent per cent of the small farmers did not adopt.

Key words : Critical difference, Content analysis, Refuge crop, Biofertilisers, Stem application