

RELATIONSHIP ANALYSIS OF PROFILE OF BT. COTTON GROWERS AND KNOWLEDGE OF RECOMMENDED CULTIVATION PRACTICES

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ABSTRACT

Study entitled “Knowledge and Adoption of recommended cultivation practices by Bt. cotton growers” was undertaken in Warora, Bhadrawti and Chimur talukas in Chandrapur district of Vidarbha region of Maharashtra state. Ex-post facto research design was used for the same. The farmers growing Bt. cotton since last five years consecutively were identified and from each selected village 10 Bt. cotton growers as respondents were selected randomly to constitute sample size of 120 respondents. The data from Bt. cotton growers were collected by personal interview method. Relatively higher proportion of Bt. cotton growers (57.50%) were in medium knowledge level followed by (27.50%) were in low level of knowledge of recommended package of practices whereas, 15.00 per cent Bt. cotton growers who were in high level of knowledge of recommended package of practices by Bt. cotton growers.

Keywords: Adoption, Bt. Cotton, cultivation, knowledge and practices.

Conclusion

It was found that most Bt. cotton growers had a medium level of farming experience, a medium yearly income, a medium to large amount of land under cultivation, and a medium to high Bt. cotton coverage rate. Nearly half of Bt. cotton growers used bore wells and wells as a source of irrigation. The majority of Bt. cotton farmers reported moderate to high extension contact, information sources, and risk orientation. It was also plainly shown that two thirds of Bt. cotton growers use the suggested methods for growing the crop. It is discovered that annual income and extension contact have a positive and significant link with knowledge with regard to the relationship between the personality trait chosen and the knowledge of recommended cultivation practices by Bt. cotton growers.

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