

## **Abstract**

Several studies have proved the importance of Bt cotton in increasing the cotton productivity in India. In this paper we focus on the average effects of Bt cotton on the yields of cotton. In this study, we analyze the impact of share of Bt cotton to the total area on the yields of cotton (2002-2009). This impact is not significant among the states. It varies because of the climatic conditions and lack of knowledge among farmers about the technology. When the effect of climatic conditions was considered along with the share of Bt cotton area to the total area under cultivation, the results are significant. Farmers' satisfaction is reflected by the increase in the total area under Bt cotton production.