



RESEARCH ARTICLE :

Cost structure of Bt cotton in Bharuch district of South Gujarat

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SUMMARY : This study was undertaken to determine economic analysis of production of Bt cotton in Bharuch district of South Gujarat during the year 2019-20. The study indicated that Bt cotton was a labour-intensive crop as farmer incurred highest share of 27.85 per cent and 10.95 per cent of cost of cultivation on hired labour charges and family labour charges, respectively. Overall, per hectare Cost A, Cost B₁, Cost B₂, Cost C₁ and Cost C₂ were found to be Rs. 54840, Rs. 55847, Rs. 63487, Rs. 63808 and Rs. 71448, respectively. The average annual yield of Bt cotton was 21.15 quintal per ha. Per quintal average cost of production over Cost A, Cost B₁, Cost B₂, Cost C₁ and Cost C₂ were in the tune of Rs. 2592.90, Rs. 2640.52, Rs. 3001.74, Rs. 3016.92 and Rs. 3378.16, respectively. On over all basis, per hectare farm business income, family labour income and net income were Rs. 55410.66, Rs. 46763.66 and Rs. 38802.66, respectively. The returns per rupee on investment on Cost A, Cost B₁, Cost B₂, Cost C₁ and Cost C₂ were Rs. 2.01, Rs. 1.97, Rs. 1.73, Rs. 1.72 and Rs. 1.54 per hectare of Bt cotton cultivation, respectively.

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