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International Journal of Commerce and Business Management

DOI: 10.15740/HAS/IJCBM/9.1/58-61

Volume 9 | Issue 1 | April, 2016 | 58-61

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## RESEARCH PAPER

# Cost, returns and profitability of Bt-cotton production in beed district

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Received : 03.07.2015; Revised : 21.02.2016; Accepted : 21.03.2016

### ABSTRACT

Investigation was carried out during the year 2013-14. About 96 Bt-cotton growers were randomly selected from twelve villages of two tehsils of beed district of Maharashtra. Cross sectional data were collected from Bt-cotton grower with the help of pretested schedule by personal interview method. The techniques like mean, percentage, ratio and cost concept of Cost-A, Cost-B and Cost-C were used to analyze the data. The results revealed that per hectare cost of cultivation of Bt-cotton was Rs. 67137.76. Among individual items of expenditure, the share of rental value of land was 31.85 per cent followed by hired human labour (13.79 %), bullock labour (9.21), irrigation (8.17%), seed (7.51%), fertilizers (6.19%), family human labour (5.64 %), manure (5.45%), plant protection (3.75%), machine labour (2.15 %), respectively. Per hectare gross returns and net profit was Rs. 129111.85 and Rs. 61974.09, respectively. Output-input ratio was 1.92.

**KEY WORDS :** Bt-cotton, Cost-C, Gross return, Net profit

**How to cite this paper :** Shelke, R.D., Bhogaonkar, M.M. and Chavan, R.V. (2016). Cost, returns and profitability of Bt-cotton production in beed district. *Internat. J. Com. & Bus. Manage*, 9(1) : 58-61.

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