



## RESEARCH PAPER

# Adoption of integrated pest management practices by paddy growers

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**Abstract :** The present study on “Adoption of integrated pest management practices by paddy growers” was conducted in Bhandara district of vidarbha region of Maharashtra state with sample size of 120 respondents from 10 villages. Data were collected by personal interview method with the help of structured interview schedule. The data were tabulated, analysed and interpreted. The study were noticed that, majority of the respondents *i.e.* 47.50 per cent were in middle age group, majority *i.e.* 36.66 per cent respondents were educated upto junior college level, majority *i.e.* 77.50 per cent of respondents were from medium family size, majority of 42.50 per cent respondents had small land holding, majority 65.83 per cent of respondents had low annual income, majority of the respondents *i.e.* 68.33 per cent had small area under paddy cultivation, majority of the respondents *i.e.* 55.00 per cent, 65.00 per cent, 65.00 per cent, 69.17 per cent and 72.50 per cent had medium level of social participation, sources of information, risk preference, economic motivation and knowledge, respectively. Majority 70.00 per cent of the respondents had medium level of adoption about integrated pest management practices of paddy. Majority 90.00 per cent of respondents faced the constraints of irregular power supply and lack of technical knowledge and skill involved in various integrated pest management practices of paddy.

**Key Words :** Paddy growers, Integrated pest management, Adoption

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