



Extent of knowledge of farmers on cauliflower production technology

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Abstract : The present study was conducted in ten villages of two taluka of Parbhani and Nanded district of Marathwada region of Maharashtra State on 80 cauliflower growers with an object to study the extent of knowledge about recommended production technology of the cauliflower growers. The research design adopted was ex-post-facto, since the data were collected by personally interviewing the cauliflower growers and analyzed statistically. It revealed that regarding the overall knowledge level 65 per cent of respondents had moderate knowledge about recommended production technology of cauliflower crop followed 17.50 per cent of respondents had high and low level of knowledge, respectively. It was also concluded that 95.00 per cent of respondents were having knowledge about recommended quantity of FYM, land requirements (88.75 %), climate conditions required for cauliflower (87.50%), seed rate (87.50%), number of harrowing (86.25 %), method of irrigation (86.25 %), varieties of cauliflower (83.75 %), method of sowing (82.50 %), number of hoeing required for cauliflower crop (78.75 %), size of seed bed for transplanting (37.50 %), best cultivation season of cauliflower (77.50 %), diseases on cauliflower crop (68.75 %), recommended number of ploughing (62.50 %), spacing for cauliflower crop (63.75 %), disease control (63.75 %), basal doses of the fertilizers (56.25 %), pest of cauliflower (55.00 %), pest control (50.00 %), irrigation methods for cauliflower crop (86.25%), irrigation interval for cauliflower crop (38.75 %).

Key Words : Knowledge level, Cauliflower production technology

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INTRODUCTION

The transfer agricultural technology is in operation throughout the country, but the technology had not yet reached to the grass root level. Knowledge about any practices plays an important role on its adoption. Therefore, for adoption of technology, knowledge is the pre-requisite. The adoption of recommended cultivation practices by farmers is conditioned by many factors that interact with each others. In such situation, it was thought essential to know which of these factors influenced the adoption behaviour of cauliflower grower. Similarly extension workers have to play a more vital role to educate the farmers to take up cauliflower production on their farms. The present study was designed with the specific objective that to study the extent of knowledge about cauliflower production technology of the cauliflower growers.

MATERIALS AND METHODS

The present study was conducted in ten villages of two taluka of Parbhani and Nanded district of Marathwada region of Maharashtra State on 80 cauliflower growers with an object to study the extent of knowledge about recommended production technology of the cauliflower growers. The research design adopted was ex-post-facto. Knowledge is comprehensive understanding of agriculture innovation i.e. selected improved package of practices used in cauliflower cultivation. There were twenty two knowledge questions included in teacher made knowledge test. If respondents answer the questions correctly, one score was given to each question and if answer wrong, zero score was given. Thus the score consisted of 0 – 22. The data pertaining to the objectives were collected with the help of specially

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