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Constraints and suggestions of chickpea production in Madhya Pradesh

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ABSTRACT

An interview schedule was administered on the respondents to find out the constraints faced and suggestions made by chickpea growers. About 120 chickpea growers were selected from Raisen district of Madhya Pradesh. Data pertained to the year 2008-09. Frequency and percentage method was used to analyse the opinion. The results revealed that, constraints like non-availability of improved seed was expressed by 89.16 per cent of chickpea growers. In next order, wilt problem and resistant to pod borer (85.0 per cent) and high cost of input (80.0 per cent) were major constraints by the chickpea growers. In regards to suggestions, timely availability of improved seed was suggested by 78.33 per cent followed by wilt and pod borer resistant variety should be developed (72.50 per cent) and availability of input through co-operatives by 70.0 per cent farmers.

KEW WORDS : Constraints, Suggestions, Chickpea growers

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INTRODUCTION

India is the largest producer, importer and consumer of pulses in the world. In India more than a dozen of pulse crops including chickpea, pigeonpea, urdbean, mungbean, lentil, field pea and other are grown on 22-24 million hectares producing 13-15 million tonnes of grains with an average productivity of 600-650 kg/ha (Shakya *et al.,* 2008). Chickpea is an important pulse crop of Madhya Pradesh.

The main reason of low productivity of chickpea are (i) non-availability of high yielding variety, disease and pest resistant variety (ii) lack of an adequate understanding of production technology (iii) the chickpea in generally grown under limited soil moisture and poor management conditions which largely account for low yield. Therefore, there is a wide gap between the average yield and potential yield of the crop. This indicates that the farmers might be facing certain problem in chickpea cultivation.

Looking to this situation, a study was undertaken with the specific objectives: to identify the constraints faced by farmers in adoption of recommended production technology of chickpea and seek the suggestions from the chickpea growers to over come the constraints faced by them in adoption of recommended production technology of chickpea.

METHODS

Raisen district was selected for the study. Sanchi, Gairatganj, Begamganj and Silwani blocks of Raisen district were purposively selected, because these blocks have more chickpea growing area as compared to other blocks. From each selected village, ten chickpea growers in cultivation were selected randomly making a total sample of 120 chickpea growers. A sample ranking technique was applied to measure the constraints faced by chickpea growers and suggestions given by them. The data were collected with the help of well structured, pretested, schedule through personal interview method for the year 2008-2009 and data were then complied, tabulated and analysed to get proper answer for the objectives of the study. The statistical tools used were frequency and percentage.

OBSERVATIONS AND ANALYSIS

The findings of the present study as well as relevant discussions have been summarized under the following heads.

Constraints faced by chickpea growers:

Constraints faced by chickpea growers in production and marketing of chickpea were calculated in frequency and percentages are presented in Table 1. It was observed that the majority (89.16 per cent) of the chickpea growers informed non-availabity of improved seed and wilt problem and resistant to pod borer by 85.0 per cent as the major constraint faced by them. In the next order, high cost of

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