



## RESEARCH PAPER

# A study of constraints analysis encountered by gram growers in adoption of improved cultivation practices

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**Abstract :** The present study was proposed to find out the constraints perceived and suggestions to overcome the constraints by the farmers, the study was planned and conducted. Working to this fact, the present study was undertaken on a purposive sampling of 120 chickpea growers of Bhiwani district of Haryana state. Findings revealed that in respect of constraints in adoption of chickpea production technology, it was found that majority (99.33%) respondents reported that “lack of promising varieties” was main constraint among input and production constraint while 98.66% of respondents considered “incidence of weed menace” as serious problem followed by 98.33%, 98%, 97.66% of respondents had problem of “moisture stress under rain fed conditions”, “lack of nutrients in soil and sufficient soil testing facilities”, respectively. Among technical constraints, it was reported that the majority (91.66%) of respondents found that the “lack of demonstration and training” was major constraint faced by them. While 88.66% respondents faced the problem of “lack of knowledge on location specific improved varieties of chickpea”, followed by (69.33%) respondents had problem of “lack of knowledge regarding agronomical practices of chickpea”. It was reported that among financial constraints, it was found that 88% respondents faced problem of “higher rate of interest on loans” followed by (64.66%) respondents had major problem of “high cost of labour”. While 64.33% respondents considered major problem of “high cost of agrochemicals” followed by 48% and 47% respondents had major problem of “lack of credit facility” and “lack of finance for purchase of inputs”, respectively. In marketing constraints, it was observed that the majority (96.66%) of respondents had major problem of “procurement of produce is not done by the government” followed by “lack of cooperative organization” faced by 66% respondents.

**Key Words :** Chickpea, Production constraints, Technical constraints, Financial constraints, Marketing constraints, Cultivation practices

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