



## RESEARCH PAPER

# A study on knowledge of trainings on mustard protection at KVK towards knowledge gain and adoption of the technology of farmers in Jaisalmer, Rajasthan : India

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**Abstract :** The study was conducted at Krishi Vigyan Kendra Jaisalmer. A sample of 50 farmers was chosen the trainees provide them two four days on campus trainings on integrated pest management of mustard during 2019-20 and 2020-21. Rapeseed-mustard (toria, mustard / raya, Yellow Sarson, brown Sarson, Gobhi Sarson, black mustard and taramira) ranks second edible oilseeds in production and contributes to more than 30% of edible oil production in India. Mustard contributes about 90 per cent of the total rapeseed-mustard production. The important factors, causing low and fluctuating production of mustard in India, are low or non-adoption of package of improved production technology, susceptibility of mustard varieties to pest and diseases and non-adoption of pest and diseases management practices. The improvement of knowledge of the participant's and adoption of technology was increased after understanding training programs including pre-sowing proper time of sowing and seed treatment (against disease and insect pests) adopting FIR schedule. Proper plant spacing and after sowing proper cares to protection of disease and insect pests. The trainees adopted by 72 per cent (36 farmers), learned recommend protection of mustard crop and knowledge gained by 82 per cent (41 farmers). It is reported that the change in Knowledge improvement was 10.00 to 82.00 percentages. The study indicated that the trainings were more fruitful and highly increased in knowledge and adoption levels of the mustard protection technology.

**Key Words :** Training, Innovation, Mustard, Adoption, Knowledge

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## INTRODUCTION

Out of mandatories work of Krishi Vigyan Kendra (under Indian Council of Agricultural Research through particular ATARIs.) There is science about scientific training on different aspects related to agriculture. Among

these, one is most important for the area on mustard protection by adopting seed treatment according to FIR schedules, Integrated Pest Management and Integrated Disease management.

Mustard, *Brassica juncea* L. is one of the first domesticated oilseed crops amongst all the plants under

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