

Enhancing Productivity of Mustard Crop Through KVK Technology in Nagaur District

H.R. Choudhary^{1*}, Gopichand Singh² and Bhawana Sharma³

¹Subject Matter Specialist (Agronomy), ²Senior Scientist & Head and ³Subject Matter Specialist (Home Science), Krishi Vigyan Kendra, Athiyasan, Nagaur-I, Agriculture University, Jodhpur, Rajasthan

ARTICLE ID: 088

Name of Farmer- Sh. Babu Lal s/o Sh. Nanu Ram

Address- Village –Dhehari,

Tehsil-Jayal,

Distt.-Nagaur, Rajasthan



Sh. Babu Lal is a progressive farmer from Dhehari village. He grows different crops on his farm especially mustard, cotton, cumin, moongbean and Isabgol. He is always keen interested to learn scientific cultivation of crops. Last year he came into contact with the KVK and shows his interest to grow mustard crop on his field. In CFLD Rabi 2018-19 programme he participated in training programme at KVK, Nagaur-I. Mustard seed (variety-Giriraj) was provided to him in CFLD Rabi 2018-19 programme as well as other critical inputs viz., Seed treatment with Carbendazim 50WP @ 2.0 g/kg seed and inoculation with Azotobacter & PSB culture @ 200g/10kg seed, Soil application of *Trichoderma* @ 2.5 kg/ha, Recommended NP (60:40 kg/ha), Emamectin Benzoate 250 g/ha, Imidacloprid 250 ml/ha for aphid, painted bug and saw fly were also provided to him. Methods of using all the inputs were also advised to him. He was advised to sow the mustard seed in 30 cm row spacing. Shri Babu Lal participated in KVK trainings regularly to learn about new technologies to get high yield of mustard crop. KVK staff had provided technical guidance as per his interest. Under demonstration programme he got 25.6 q/ha grain yield and 60.6 q/ha stover yield of mustard crop. Earlier he was stuck to local variety (Bio-902) and getting grain yield of 17.65 q/ha.

Cost of cultivation – Rs.29335/ha

Gross income – Rs.91820/ha

Net income – Rs.62485/ha

Increase in yield – 45.04%

B:C ratio – 3.14

KVK scientists advised him to kept produce as seed for next season.

