

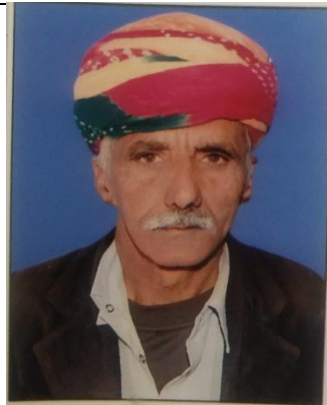
Enhancing Farmer's Income through Improved Cultivation of Sesame Crop in Western Rajasthan

H.R. Choudhary¹, 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

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Crop and Variety	Sesame (RT-351)	
Name of farmer & Address	Surja ram s/o Puna ram, Village- Roon, Tehsil- Mundwa, District- Nagaur	
Background information about farmer field	Previous crop-Cumin, N & P status was low and K status was medium.	
Details of technology demonstrated	<ul style="list-style-type: none"> ❖ Use of improved variety RT-351 @ 2.5 kg/ha ❖ Seed treatment with Streptocycline @ 2.0 g/kg seed ❖ Use of NPK consortia @ 5 ml/kg seed ❖ Soil treatment by Trichoderma viride @ 2.5 kg/ha (mixed with 100 kg FYM) ❖ Recommended NP (40:25 kg/ha), Zinc sulphate (33%) @ 12.5 kg/ha and sulphur (80% WDG) @ 2.5 kg/ha 	

	<ul style="list-style-type: none"> ❖ Foliar spray of NPK (18:18:18) @ 2.5 kg/ha ❖ Use of Waste decomposer @ 50g/ha
Institutional Involvement	KVK, Nagaur-I conducted CFLD on Sesame under NFSM during <i>Kharif</i> -2020. Shri Surja ram participated in KVK trainings to learn about the technologies for higher productivity of Sesame crop. KVK provided critical inputs. KVK scientists provided advisory for technical guidance as per need. KVK scientist advised him to kept produce as seed for next season.
Success Point	Increase in yield
Farmer Feedback	Demonstrated Technology improve the yield and profit of farmer
<u>Outcome yield (q/ha)</u>	
Demonstration	5.25
Potential yield of variety/technology	7
District average (Previous year)	2.36
State average (Previous year)	2.69

Performance of Sesame

Specific Technology	Yield (q/ha)	Gross Cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
Farmer practices	4.39	13225	30093.45	16868.45	2.28
Demonstration	6.55	14560	44900.25	30340.25	3.08
% Increase/Difference	49.20	1335	14806.8	13471.8	0.80

Selling price on MSP: Rs.6855/qtl.

Quality Photographs:



Training of Sesame farmers at KVK, Nagaur-I



Field visit at Roon village



Field day at Roon village

