

Hybrid Tomato provided a new source of income in district Siddharthnagar (U.P.)

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Introduction

Krishi Vigyan Kendra, Sohna Siddharthnagar is established in 1992 under leond Tal Area Development Society in the Chairman ship of Late Shri Bhanu Pratap Singh, Ex-Governor of Karnataka State and Ex State minister of Agriculture. He initiated the scientists of KVK to grow hybrid vegetables like Tomato, Brinjal, Cauliflower and Cucurbits in nearby areas of KVK. At that time the hybrid vegetable seeds not available in the district. He talked to Dr. Man Mohan Akhtavar, the chief of Indo American seed company Bangalore and he provided the hybrid seed of vegetable crops. In year 1994, the nurseries of hybrid vegetable were grown in KVK farm and distributed to the farmer under FLD programme. The programme was very successful at KVK farm and farmer's field and farmers were fully convinced to the hybrid tomato cultivation.

KVK Intervention

In 1995, the KVK provided the seeds of hybrid tomato to the nearby 25 farmers for 10 ha land, and also trained them to cultivate the hybrid tomato successfully and time to time farmers field visited and technical advisory services provided them.

Output of hybrid tomato

Hybrid tomato cultivation was started nearby KVK farmers by 10 ha lands and its area gradually increases year wise in all 14 blocks of the district. KVK head quarter is situated in Block Bhanwapur and in this Block highest area covered under hybrid tomato cultivation (about 150 ha) followed by Khuniyaon, Jogia and Uska block. The total area under hybrid tomato cultivation is about 550 ha in the district.

Outcome of hybrid tomato

In the district about 1250 farmers grow hybrid vegetables and KVK scientist collected the following information from one farmers of each block which is shown in following table:



Sl.No.	Farmer's name	Block	(q/ha)	Expenditure (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)
1.	Ram Das Maurya	Bhanawapur	610	116000	366000	250000
2.	Ram Kishor Chaudhary	Khuniyaon	540	108000	324000	216000
3.	Brijesh Bahadur Singh	Mithwal	525	107000	315000	208000
4.	Munna Singh	Itwa	450	950000	279000	189000
5.	Haider Alam	Bharhni	465	90000	279000	189000
6.	Ram Chandra Chaudhary	Shouhratgarh	580	105000	348000	243000
7.	Harish chandra Mishra	Naugarah	550	110000	330000	220000
8.	Atal Vihari	Bansi	570	112000	342000	230000
9.	Om Prakash Gupta	Domariganj	470	102000	282000	180000
10.	Sant Ram	Uska	520	110000	312000	202000
11.	Luxam Chaudhary	Birdpur	565	120000	229000	219000

12.	Sri ram Kesh	Jogia	540	112000	324000	212000
13.	RajendraPandey	Khesaraha	480	90000	288000	198000
14.	Shiv SankarPandey	Loten	475	95000	285000	190000
	Total		524	1051420	314400	209428

It is shown from above table that the average net income is Rs. 209428/ha. The maximum yield was recorded 610 q/ha by Shri Ram Das Maurya with the net income Rs. 250000/ha followed by Ram Chandra Chaudhary i.e., 580 q/ha and Rs. 243000/ha. The lowest yield was found 450 q/ha with the net income Rs. 175000/ha.

Larger Impact of Technology in the district

The hybrid tomato cultivar has been socially and economically sound. Now they mostly using motorcycle T.V. and having Pakka house. Their children studying in good school and colleges. The farmers are realizing that the vegetable farming can be used to get more returns from unit area of land in comparison to cereals and other crops.

