

CASE STUDY

1. Title: Doubling farmer's income by hybrid muskmelon cultivation with drip, silver mulching and FIRBS method.

Situation analysis/Problem statement

One day Mr. Rajvinder Singh village Shahbaj Nagar Block Dadraul, District Shahjahanpur came to KVK and discussed with KVK scientists and desired to get training on advanced vegetable production, so that he can earn more and raise his social status. KVK scientist gave him training and also demonstrated advanced technology of muskmelon cultivation with drip, silver mulching and FIRBS method in his field.

Plan, Implement and support

In district Shahjahanpur vegetable growers grow muskmelon with traditional method by using local variety of seed and in very limited area. In spite of investing much money, they are not able to get proper yield. Rajvinder Singh of village Shahbaj Nagar Block Dadraul, District Shahjahanpur is a small vegetable grower, cultivating vegetables with local variety of seed and following traditional method of cultivation. He has about 15.0 acre cultivated land. He was struggling to fulfill the needs of his family.

Output

Before joining the KVK he was getting 97.0 q/Acre yield of muskmelon and a net profit of Rs. 52000.00/Acre.

Outcome

KVK scientist advised him to adopt drip with silver mulching and FIRBS method of cultivation with hybrid varieties of bobby and muskan. Now he is growing muskmelon with latest package of practices, using hybrid seed, INM with micronutrient and IPM to save his crop.

Cultivating muskmelon variety Bobby and Muskan on 07 acre of land and produced 1050q of muskmelon. He has sale out @ Rs.1500/q. The gross income was 1575000.00. The cost of cultivation was 560000.00 thus the net profit was Rs. 1015000.00. B:C Ratio 1:2.81.

Impact

Rajvinder Singh takes valuable advised of KVK scientist and visit KVK frequently. The vegetable growers of his village and nearby villages are very much motivated by his farming and adopting the technology at their field also. The adoption percent of the technology is 25% in Dadraul block.

