Success Story-Horticulture - 2019-20

Specific Technology: Production of Shimla Mirch on FIRBS method with mulching and drip irrigation.

Name of KVK: KVK, Shahjahanpur

Crop and Variety: Shimla Mirch, Artillado

Name of farmer and Address: Sri Tara Singh S/o Sri Sohan Singh, Village- Bahadurpur Diuriya, Block-Khutar, Tehsil- Powayan, Shahjahanpur

Background Information about farmer's field: As per the soil test report:-

a. Available N:P:K- 170:60:70
b. Farming Situation:- Irrigated
c. Previous Crop:- Dhaincha for green manuring
d. Sowing Date:- 02.09.2019 to 04.09.2019
e. Harvested date:04.11.2019 to 25.01.2020 and 24.02.2020 to 05.05.2020

Details of Technology Demonstrated:- Hybrid seed variety Artillado on FIRBS method with mulching and drip irrigation.

Institutional Involvement: Technical guidance to adopt FIRBS method of sowing with polythene mulch to save field moisture and weeds control and also suggested drip irrigation.

Success Point: Efficient use of ground water by using drip irrigation. It also reduced incidence of pest and diseases and weeds.

Farmers Feed Back: Farmers appreciated the technology it gave an additional income of Rs. 446000.00 as compare to traditional method.

Yield (q/ha): Potential yield of variety

District average (2019) – 250q/ha

State Average (2019):- 200q/ha

Performance of Technology vis-a-vis local check (Increase in productivity and returns)

Used practice	Yield (q/ha)	Gross Cost (Rs./ha)	Gross Income (Rs./ha)	Net Income (Rs./ha)	B:C Ratio
Farmers practice	300	150000.00	360000.00	210000.00	2.40
Demonstration	580	250000.00	696000.00	446000.00	2.78
% Increase	93.33	66.66	93.33	112.38	15.83

Farmers Field of Capsicum (Shimla Mirch)

Success Story on CFLD Lentil 2019-20

Specific Technology: Use of high yielding variety, INM and IPM.

Name of KVK: KVK, Shahjahanpur

Crop and Variety: Lentil, PL08

Name of farmer and Address: Sri Sirish Kumar Saxena S/o Sri Avinash Chandra Saxena, Village- Kutwapur, Block-Bhawalkhera, Tehsil- Sadar, Shahjahanpur

Background Information about farmer's field: As per the soil test report:-

a. Available N:P:K- 170.5:55.21:69.11
b. Farming Situation:- Irrigated
c. Soil Type: Sandy Loam
d. Previous Crop:- Paddy
e. Seasonal Rainfall: 153.6mm
f. No. of Rainy Days: 12
g. Sowing Date:- 09-11-2019
h. Harvested Date:21.03.2020

Details of Technology Demonstrated:-

- HYV seed (PL 08) @30 Kg/ha
- Mancozeb+carbendazim@1.25kg/ha
- Imidachloprid @0.25l/ha
- Sulphur (WP) @2.5kg/ha

Institutional Involvement: Technical guidance to adopt line sowing in first fort night of November, basal application of full dose of phosphorus and potash through DAP and MOP and Starter dose of Nitrogen. Use of secondary nutrient-sulphur as bentonite sulphur. Timely use of insecticide and fungicide to save the crop from insect pest and diseases.

Success Point: Adoption of HYV PL 08 and focus on INM and IPM with good agronomic intercultural operations has increased the production and productivity of lentil in the district.

Farmers Feed Back: The technology is very effective in enhancing the production and productivity of lentil. The economic gain is better than traditional farmers practice.

Yield (q/ha): Potential yield of variety

District average (2019) – 10.52/ha

State Average (2019):- 8.54q/ha

Performance of Technology vis-a-vis local check (Increase in productivity and returns)

Used practice	Yield (q/ha)	Gross Cost (Rs./ha)	Gross Income (Rs./ha)	Net Income (Rs./ha)	B:C Ratio
Farmers practice	16.8	27050	75600	48550	2.79
Demonstration	25.5	31700	114750	83050	3.62
% Increase	51.8	17.2	51.78	71.06	29.74

Farmers Field of Lentil PL 08 Crop