

Innovation and success story of farmer of district Lakhimpur-Kheri

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Situation Analysis

The district Lakhimpur-Kheri comprises two distinct agro-climatic zones mid plains and tarai having 15 blocks. The story is from Block Phoolbehar where the sandy and clayey loam soils are prevalent and watertable is high. It has been observed that root growth of plants was hampered due to flat sowing of the crop. KVK scientist advised regarding change in sowing pattern using the plant based insecticide and intercropping in sugarcane based cropping system.

Plan, implement, support and linkage with KVK

After the analysis of the situation of Sri Munesh Kumar's field and cropping system, advises and recommendations were given related to reduction in cost of cultivation by adopting the improved varieties, least use of agrochemicals, intercropping of different crops and ridge furrow method of planting and sowing. Sri Kumar has been linked with the Lakhimpur Kheri KVK since 2017-18 and interacted time to time on mobile phone and in different goshthis at village and district level.

Output

Before linkage with the KVK, his



Sri Munesh Kumar in his vegetable crop field with skip row furrow irrigation method

earning was only ₹ 115,000 (2017-18) but after the adoption of improved technologies as advised by the scientist, his current earning is ₹ 250,000 from 0.8 ha area of crop field.

Outcome

He is cultivating crops like rice,

wheat, yellow sarson, lentil and sugarcane. His crop rotation is rice-wheat-black gram, rice-sugarcane + pea. After pea he grows chilli and *colocassia* as intercrop in succession. Due to the changes, his production has increased within the given land.

Impact

Technological

He is cultivating pulses and oilseeds in rotation along with other crop. After taking the intercrops in sugarcane (autumn sown), total yield per unit area has increased. He is used only neem based insecticide in his crop and field and approaching towards least synthetic chemical use.

Economic

Before intervention of the KVK, his return was only ₹ 115,000 and after the intervention, at present is ₹ 250,000. Change in the return in the tune of 117.39% and 2.17 times more than preceding year.c)

Social

He is using his earning for the education of his children and alleviates the standard of living. Now he is a role model for his region.

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