

# Offseason vegetable cultivation under low cost Poly house

**Focus area of Success:** Offseason vegetable cultivation under low cost Poly house.

## **Background information:**

Mr Moneswar Basumatary, Son of Dhaniram Basumatary is an young energetic farmer of village Pub kochukata under Nagrijuli VCDC of Baksa district. He has 1.27 ha of land on lease in which grow different agriculture and horticulture crops in traditional way. Mr. Basumatary has been engaged in different farming activities since 2008 and earning some income which was not sufficient to meet his family needs. Due to growing need of his family demand which force him to think alternative way to increase his monthly income.

## **Journey in time line:**

### **Starting point:**

In search of alternate way to increase his monthly income, in 2018 he learn about KVK Baksa from one of his colleague and accordingly visited KVK office. Formerly his concept of KVK was just an agriculture office but when he interacted with the KVK Scientist he was pleased and thought that he had stepped in the right place which will help him to make his dream come true. His view had totally changed. In due course of time he attended various training programmes on horticulture organised by KVK Baksa.

### **Turning point:**

Now under the guidance of KVK Baksa, Mr. Moneswar has started practicing Mixed cropping with drip irrigation technology where he introduced different crops like Banana, King Chilli (Bhut jolokia,) Palak, lai sak, French bean, Tomato. The farmer cultivated crops like: Cucumber, Tomato, King Chilli, Palak, Capsicum and earned net income of Rs.64,500/- in offseason under the polyhouse which was not possible before the intervention of KVK. In mixed cropping he is earning a good sum of money.

**End point:** Presently Mr. Moneswar is earning a net income of Rs.64,500/- in offseason under the polyhouse as well as Rs. 5,80,000/- from mixed cropping. Finally his economical condition has improved then before.

## **Special strength/traits/Technologies for success:**

In the year 2018 KVK Baksa had provided one Low cost polyhouse to him for offseason cultivation of vegetables under TSP programme because he was very much interested for offseason vegetable cultivation. He even attended one training programme in HRS Kahikuchi on polyhouse construction so this has trigger his interest towards offseason vegetable cultivation but due financial problem he could not able to set up. The support he received from KVK Baksa help him to overcome his problem. This year on 26<sup>th</sup> Jan 2020 he has been awarded as best farmer in Tamulpur Subdivision by District Administration.



## Economics:

Sl.No	Particulars			Amount
<b>A. Total cost of construction</b>				
1	UV flim, Shade net, Rope, Nail, GI wire, Bamboo			37000/-
2	Seeds			2000/-
3	Labour cost=10MD @250/			2500/-
4	Fertilizers, Pesticides			3000/-
<b>Total Expenditure</b>				<b>44,500/-</b>
<b>B. Total income</b>		<b>Total production(kg)</b>	<b>Rate(Rs)</b>	<b>Amount</b>
1	Cucumber	800	40/-	32000/-
2	Tomato	500	30/-	15000/-
3	King chili	200	200/-	40,000/-
4.	Palak	-		8,000/-
5	Capsicum	-		14,000/-
<b>Total income</b>				<b>1,09,000/-</b>
<b>Net income(B-A)</b>				<b>64,500/-</b>

### Lessons/for the fellow farmers:

The farmers involved with the demonstration were highly satisfied with the performance of the technology and the other farmers of the locality were highly motivated. Seeing the profit local youths of different villages are now coming forward and showing interest in adopting this technology.

**Impact:** The technology expanded horizontally in the locality resulting in off season cultivation of vegetables in nearby villages of the district. It is expected to get better result and coverage of more area in near future.

