

1. Success story on Beetle buck breed up-gradation

Farmers name : Smt. Raj Kumari w/o Sh. Balbir Singh
Village : Mann
Panchayat : Mann
Block : Nadaun



NICRA Intervention: Improved Beetle Buck for breed up-gradation

Date of Commencement: 26 April, 2013

Introduction

Smt. Raj Kumari w/o Sh Balbir Singh belongs to landless family of the project area. She is a house wife and her husband is also unemployed. Smt Raj Kumari is under matriculate. The major source of income was goat rearing by grazing in forest area and community land. The existing herd was very poor in breeding giving birth to one lamb in one year or even in two years resulting poor income.

After NICRA intervention:

The woman farmer came in contact with KVK and briefed her occupational problem with the staff. The scientists of KVK and SRFs of NICRA project took it seriously and because of keen interest shown by the woman farmers. The KVK introduced improved breed of beetle buck from Punjab Agricultural University, Ludhiana for breed upgradation of the existing herd. One beetle buck was provided to Smt Raj Kumari under NICRA project. After NICRA intervention of Beetle Buck and proper training from KVK Hamirpur (HP) through NICRA, she is earning more than 1 lakh per annum from goatry. Now the goats are giving birth to two lambs every year and the lambs are attaining weight very fast. It has been observed that the introduced beetle buck has resulted in good performance and adaptability under rain fed conditions of the project area.

Table 1. Number of kids and mortality of Beetle buck breed after intervention

Month	2015				2016			
	Male	Female	Total	Mortality	Male	Female	Total	Mortality
July	4	12	16	2	5	12	17	1
August	2	3	5	1	-	-	-	-
March	-	-	-	-	5	9	14	1
April	-	-	-	-	2	3	5	1

Table 2. Number of goats sold and capital generated during 2015

Month	No. of goats sold	Capital generated (Rs.)
August	6	34000
September	6	34000
October	10	44000
Total	22	112000



Beetle Buck in NICRA village

2. Success story on crop diversification

Farmers name : Sh. Subhash Chand s/o Sh. Kehar Singh
Village : Ghumarhata
Panchayat : Mann
Block : Nadaun
Total land : 0.5 ha
Cultivated land : 0.4 ha



NICRA Intervention: Crop diversification through vegetable cultivation

Introduction

Sh. Subhash Chand is an unemployed youth of the project area and for livelihood he was dependent on cultivating the land of other farmers of the area with tractor. That was why; his earning was meagre to meet the needs of family and poor economic status. He has 0.4 ha cultivable land and was growing traditional crops maize and wheat. He had a roof water harvesting RCC tank and used the harvested water for growing vegetables for kitchen gardening only.

NICRA INTERVENTION

After launching NICRA project in his village, the KVK Scientists and SRFs approached him for increasing his family income by growing vegetables commercially. He came forward to adopt the technologies as suggested by KVK scientists. He lifted water from the existing water resource available near his land and started growing vegetables on commercial basis under the technical guidance of KVK staff. He was given rich knowledge of vegetables cultivation under NICRA project by providing trainings and frequent diagnostic visits to his fields from time to time. Presently he is using water saving techniques in vegetable production such as use of locally available bio-mass for mulching and ridge & furrow method of vegetable cultivation. Now he is happy with the adoption of vegetable cultivation on commercial basis with water saving techniques. In addition to his earlier earnings, he is generating an income of more than one & half lakh rupees from vegetables per annum. Apart from this he is also spreading this technology to the nearby villages.

Marketing: Sh. Subhash Chand is selling his farm produce in local market Nadaun and adjoining panchayats.

Table 1. Economics of farm produce during *Kharif* 2015-16

Crop	Variety	Area (ha.)	Yield q/ha.	Sold Rs./q	Capital generated (Rs./Season)	B:C Ratio
Cucumber	Nandini F1	0.04	175	1000	7000	3.2
Bitter gourd	Aman	0.04	200	1000	8000	2.9

Okra	Tulsi	0.12	150	1500	31500	2.6
Bottle gourd	Sharda	0.04	250	1000	10000	3.0
Egg plant	Arka Keshav	0.04	200	10 00	8000	2.3
Colocasia	Local	0.04	350	1500	24000	3.3

Table 2. Economics of farm produce during Rabi 2015-16

Crop	Area (ha.)	Yield q/ha	Sold Rs./q	Capital generated (Rs/Season)	BC Ratio
Cauliflower (F₁ 626)	0.2	325	1000	65000	2.9
Radish (Japanese White)	0.04	250	500	5000	2.9



Sh Subhash Chand in his farm