

# Success Story - Integrated Farming Superseded Rice-Wheat at Indo-Pak Border Village from a Farm Women

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## Background of farm women

<b>Name of Farmer</b>	<b>Mrs. Manjinder Kaur</b>
<b>Husband's Name</b>	<b>Mr. Punjab Singh</b>
<b>Address</b>	<b>Village Bhura Karimpura, Khemkaran, Tarn Taran</b>
<b>Contact Number</b>	<b>7087331879</b>
<b>Age</b>	<b>41 Years</b>
<b>Education</b>	<b>8<sup>th</sup></b>
<b>Size of land holding (in acre)</b>	<b>2 Acres</b>

## Journey of integrated farming

Mrs. Manjinder Kaur W/o Mr. Punjab Singh, Village Bhura Karimpura, District Tarn Taran, was engaged in managing her household chores. During Covid-19 pandemic, her family had gone through some antagonistic situations in terms of economic disturbance due to lesser access to suitable inputs at border area. Then, she started surfing internet with the help of her children and came across KVK, Tarn Taran extension activities. She contacted Home Scientist at KVK in September, 2020 and discussed about her socio-economic status. During that ongoing National Nutrition Month, the Home scientist suggested her to commence kitchen garden at home to reduce her

household money outflow and to ensure her family's nutritional security during pandemic. The women then established nutrition garden by involving her other family members at her place. Simultaneously, she joined her husband in their fields and motivated towards organic farming. In November, 2020, Mrs. Manjinder again contacted Krishi Vigyan Kendra, Booh, Tarn Taran and shared her idea to initiate organic vegetable farming at her farm. After taking guidance from KVK, she started mushroom cultivation at home and besides, initiated growing organic vegetable cultivation such as chilly, capsicum, brinjal and cauliflower in sowing season ahead. Now a days, during the year 2021-22, she converted her half of land i.e. one (1) acre from modern farming to organic farming as she switched over to organic vegetable production from rice cultivation. Similarly, this farm women acquired marketing techniques from KVK scientist and launched her organic vegetable in nearby by market, Shri Amritsar Sahib. Moreover, Mrs. Manjinder Kaur rear dairy cattle (two buffaloes and a cow) to boost her household income, after receiving the valuable guidance of Animal Scientist at KVK, Tarn Taran.

The Experts imparted the farm women regarding recommended livestock technologies such as mineral mixture, uromin lick etc. of veterinary university, in order to execute effective management of dairy cattles. Simultaneously, the Food Scientist promulgated knowledge on judicious use of dairy products, especially dairy waste (whey) value addition exercising various validated processing techniques to this farm women, aiming at shunning the food expenditure as well as ensuring food and nutritional security to the family. Hence, she is earning a net income of Indian Rupees 3,82,380/- per annum, with an increase of 303.63 percent, when compared to

the income (INR 94,735/- per annum) from rice-wheat crop cycle.



**Fig 1: Organic Vegetable and Mushroom Produce by Mrs. Manjinder Kaur**

**Conclusion**

Undoubtedly, it is an irrefutable fact that integration of agricultural and livestock sectors has a huge potential to strengthen and sustain household income of small and marginal farmers. Nonetheless, lack of scientific guidance regarding recommended technologies among farmers at border-belt has been remained a major constraint. Thus, widespread

technology adoption regarding crop diversification, livestock management and dairy processing technologies should be promoted among the farming community, in order to ensure their income doubled.

**Future perspective of integrated farming**

It is also pertinent to mention that this progressive farm women received a skill oriented experiential learning training on value added fish processing technologies under Frontline Demonstration component during World Fisheries Day celebration by KVK, Tarn Taran. Nowadays, she is planning to step into fish processing by joining another farm women practicing fish farming in her neighbor village at Indo-Pak Border.

In nutshell, we feel bliss to share one of a kind joint accomplishment of female farmers and Krishi Vigyan Kendra, Tarn Taran with scanty resources available at border-belt.

**Table 1. Detailed economics of Integrated Farming**

1.	Name of Intervention	Organic Vegetable Production and Dairy Farming	
2.	Area under intervention	Home Science (Food and Nutrition)	
3.	Crop Rotation followed	Wheat- vegetables and dairy	
4.	Gross Income (Rs.)	a) Wheat	90,860.00
		b) Mushroom	64,000.00
		c) Organic vegetables	1,82,000.00
		d) Dairy	1,74,000.00
		Total	5,10,860.00
5.	Cost of Production (Rs.)	a) Wheat	23,480.00
		b) Mushroom	24,000.00
		c) Organic vegetables	31,000.00
		d) Dairy	50,000.00
		Total Expenditure	1,28,480.00
6.	Net income (Rs.)	a) Wheat	67,380.00
		b) Mushroom	1,51,000.00
		c) Organic vegetables	40,000.00
		d) Dairy	1,24,000.00
		Total	3,82,380.00
7.	Net income from the normal farming practices in area	Per acre per year net income in the Tarn Taran District	25,000.00

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