

Effect of DFI intervention

**Name of Institutee: IIFSR,
Modipuram, Meerut, 250110**



Name of farmer : Kunwar Singh
**Address :Thari, Post-Haldua, Ramnagar,
Nainital, 244715**
Mobile Number : 9012788039
Age : 58 years
Education : 2nd
Size of land holding : 2 acres
(in acre)

1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Wheat (PBW-154)	0 2	34	54400	40,000
Field Crop 2	Paddy (HKR-47)	0 2	45	67500	50,000
Hort. Crop 1	Mango	01 tree	01	2500	1000
Hort. Crop 2	Guava	01 tree	0.20	1000	900
Others	Nutritional (KG)	0.07	1.2	3000	2500
Total		4.07 acre /2 No	81.4	128400	94400

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Wheat (HD2967)	0 1	20	36000	26000	15	23.07
Field Crop 1	Wheat (DBW173)	01	19	34200	24200	10.52	17.35
Field Crop 2	Paddy (PR 121)	1.67	52	88400	68400	13.46	26.90
Field Crop 2	Paddy (Pusa 1718)	0.33	08	28000	24800	6.25	54.63
Hort. Crop 1	Mango	02 tree	02	4000	3000	-	33.33
Hort. Crop 2	Guava	02 tree	0.40	2000	2000	-	-
Livestock 1	Hen + Cock	12	360 eggs	21600	18000	100	100
Other enterprise (Specify)	Mushroom	0.01	0.80	15000	10000	100	100
	Nutritional (KG)	0.1	1.70	5000	4500	29.41	44.44
Total		4.11 acre/16No	102.2 Q/360 No	234200	177900	274.64	399.72

Brief: The farmer used to get annual income of Rs. 94400/- from paddy, wheat, horticultural crops. He faced problems like lack of farming systems knowledge including GAP and technical know how, unavailability of quality seeds, planting material etc. With DFI interventions like high yielding varieties/planting material, IPM, backyard poultry, mushroom cultivation, improved tools etc., he is getting annual income of Rs 1,77,900/-. In addition, there is cost saving of Rs. 1650/-, 1350/- and 850/- by using IPM, improved tools, and compost from spent straw (saving of fertilizers) respectively



Vegetable sowing through manually operated seed drill



Planting of mango saplings