

Effect of DFI intervention

**Name of Institute: ICAR-IIFSR,
Modipuram, Meerut, 250110**



Name of farmer : Phoolo Devi
**Address : Veerpur Tara, Post Office: Haldua,
Ramnagar, Nainital**
Mobile Number : 9012582137
Age : 63 years
Education : Nil
**Size of land holding : 4 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	4 acre	80	128000	108000
Field Crop 2	Paddy HKR 47	4 acre	112	163520	113520
Field Crop 3	Mustard	0.49 acre	2.5	6250	4250
Hort. Crop 1	Guava	1 Tree	0.70	1050	750
Hort. Crop 2	Turmeric	0.09	03	30000	28000
Other enterprise (Specify)	Nutritional KG	0.12	2.5	25000	20000
Total		8.49 acre	200.02	298820	226520

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 HD3086	0 1	24	43200	33200	16.66	18.67
Field Crop 1	Wheat WB2	0 1	22	39600	30560	09.09	11.64
Field Crop 1	HD 2967	0 1	25	49370	39375	20.0	31.42
Field Crop 1	DBW 173	0 1	22	43450	33450	09.09	19.28
Field Crop 2	Paddy 1728	0.49	08	22400	16400	-74.0	13.47
Field Crop 2	Paddy 1718	0.49	08	22400	16400	-74.0	13.47
Field Crop 2	Paddy HKR 47	3.02	96.64	173952	160200	-	46.85
Field Crop 3	Lentil (PL 8)	0.148	0.50	4000	3500	100	100
Field Crop 3	Blackgram (PU31)	0.08	0.60	9000	8000	100	100
Field Crop 4	Mustard (RH 725)	0.08	0.20	500	300	-	-
Hort. Crop 1	Guava	2 tree	1.40	2100	1450	-	-
Hort. Crop 2	Mango	1 tree	0.50	1000	600	100	100
Livestock 1	Poultry (hens)	04	730	8760	7520	100	100
Other enterprise (Specify)	Nutritional KG	0.12	2.80	56000	41000	10.71	51.21
	Mushroom (Milky/oyster/button)	0.05	2.2	33000	27000	100	100
Total		8.48 acre	190.14/730 eggs	439732	334880	381.09	573.79

Brief: The farmer used to get annual income of Rs. 2,26,520/- from paddy, wheat, mustard, fruits, vegetables etc. He faced problems like non-availability of quality seeds/planting material, lack of technical knowledge of farming systems/subsidiary enterprises etc. With DFI interventions like high yielding varieties, IPM, crop diversification, backyard poultry, nutritional kitchen gardening, improved tools mushroom cultivation etc., she is getting annual income of Rs 3,34,880/-. In addition, there is cost saving of Rs. 1850/-, 1225/- and 1500/- by using IPM techniques, improved tools and compost from spent straw and vermicomposting (saving of fertilizers) respectively.



Production and marketing of button mushrooms



Weeding through wheel hoe