



**Name of farmer:** Dhankumar Munda

**Address:** Village- Saporom, P.O.- Tetri, Namkum Ranchi

**Mobile Number:** 9955409272

**Age:** 28

**Education:** Graduation

**Size of land holding (in acre):** 12

### 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 Crops 1	Ragi	0.4	3.5 q	8500	6500
Field Crops 2	Black gram	0.2	2.0 q	6000	5000
Horticulture Crops 1	Potato	0.5	8.0 q	15000	9000
Horticulture Crops 2	Bitter Gourd	0.08	1.2 q	3600	1600
Horticulture Crops 3	Cowpea	0.1	1.5 q	2250	250
Horticulture Crops 4	Sponge Gourd	0.05	1.75 q	875	125
Horticulture Crops 5	Ridge Gourd	0.05	2.0 q	2000	750
Horticulture Crops 6	Cucumber	0.05	4.0 q	8000	6750
Horticulture Crops 7	Tomato	0.08	3.0 q	8000	5200
Livestock 1	Cow	2 no	1650 l	50000	28000
Livestock 2	Poultry	20 no.		1600	1000
Livestock 3	Goatery	2 no.		6000	3200
Other enterprise	Fishery	1	1.5 q	35000	30000
	Lac Cultivation	Lac host plants-17 no	5.0 q	175000	130000
Total				318825	227375

### 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 Crops 1	Ragi	1.0	8.0 q	15200.0	10200.0	128.6	56.9
Field Crops 2	Wheat	1.0	3.4 q	44200.0	29200.0	Introduced	
Field Crops 3	Niger	0.3	2.6 q	6500.0	5750.0	Introduced	
Field Crops 3	Moong	0.2	0.5 q	3760.0	5750.0	Introduced	
Field Crops 3	Black Gram	0.5	2.2 q	7700.0	5200.0	10.0	4.0
Field Crops 3	Gram	0.2	2.5 q	9800.0	8600.0	Introduced	
Horticulture Crops 1	Brinjal	0.3	10.0 q	22560.0	13810.0	Introduced	
Horticulture Crops 1	French Bean	0.4	4.4 q	8350.0	4510.0	Introduced	
Horticulture Crops 1	Tomato	1.0	28.4 q	56800.0	41800.0	846.7	703.8
Horticulture Crops 1	Potato tuber	2.0	30.0 q	62150.0	38150.0	275.0	323.9
Livestock 1	Dairy	2.0	4285.0 l	156250.0	64250.0	159.7	129.5
Livestock 2	Poultry	30.0		2000.0	1500.0	50.0	50.0
Livestock 3	Duckry	37.0		12950.0	9250.0	Introduced	
Livestock 3	Goatery	15.0		32500.0	29500.0	650.0	821.9
Other enterprise	Fishery	1.0	2.5 q	60000.0	45000.0	66.7	50.0
	Lac	Host: 50	12.0 q	259000.0	199000.0	140.0	53.1
	Mushroom	100 bag	1.4 q	21750.0	10750.0	Introduced	
Total				781470.0	522220.0		129.67

**Brief:** The farmer used to get annual income of Rs. 227375 from field crops, horticultural crops, animal husbandry, lac and fisheries etc. He faced problems like low overall productivity of farming system. With DFI interventions like improved varieties of field and horticultural crops, introduction of new crops, duckery and mushroom cultivation, supplementation of mineral mixture in animals and birds, appropriate stocking density and feed supplementation in ponds, he is getting annual income of Rs 522220.0.



**Feed supplementation in fish pond**



**Ragi variety Birsa Ragi-1**