

Name: Taramoni Murmu

Village:- Mirga

G.P:- Chhatna-1

Block:- Chhatna

Dist:- Bankura

Group Name:- Mriga Saridharam Adibasi
Mohila Dal

Age:- 32

Family members:- 5 nos

(Self,Husband,Son-2,Mother-in-law)

Total Earning Members:-2

Earning Members Occupation:- Labour
(Mason)

Total Land:- 4 Bigha

Cultivable Land:- 3 Bigha

Nutrition Garden:- 2 Katha

Livestock: 29 (**Adult:** Pig- 2,Goat- 2,Cow-
4,Hen-10 ; **Kid:** Pig- 3,Goat-3,Hen- 5)

Physical Productive Asset: Bio-Gas, Vermi
Compost Pit supported by DRCS

Case Study Of Taramoni Murmu

Taramoni Murmu, is belongs to socially and economically backward marginalised family who is residing at Mirga Village of Chhatna-I Gram Panchayet in Chhatna-I Block, Bankura District of W.B. She lives with her husband, mother-in-law and two sons. They have around 4 bighas of land out of which 1 bigha in upland. So her cultivable land is 3 bigha where she mostly cultivated high yield paddy variety in Kharif season. At that time as she was only doing paddy farming so most of the food her family bought from outside. Her husband was only regular earning member of this family who is working as a daily labour. In this situation they couldn't manage their daily expenses and they didn't have any other income option to improve their livelihood. Apart form that Tramioni didn't have enough knowledge and skill to enhance their family income.

Before Intervention:

Before intervention she usually bought around 18 kg of high yield variety of paddy seeds for 3 bigha of land where total cost of production was around ₹15K including seed, fertilizer and pesticides. As a result end of the season she couldn't see any profit from paddy farming as she purchased all agricultural inputs from market. Before she entered in the project she had few livestock but she couldn't manage it properly and also didn't see it as an alternative livelihood option.

During Intervention:

In 2021 Taramoni has joined in Mriga Saridharam Adibasi Mohila Dal Under the Green Livelihood for Sustainable Society project which is implemented by DRCS to search a secure livelihood option. After joining she acquired some technical knowledge and skill through various trainings . During FFS training, she came to know about seed treatment, soil treatment, use of bio-fertilizers, and natural pest management practices which are the fundamental principals of natural farming practices. In addition she got handhold training on single stick paddy cultivation and nutrition garden. Through this training seasons she also got few idea regarding relay cropping ,fallow land cultivation and mixed cropping also.

Outcome: As a result now Taramoni has adopted single stick method. This year she introduced this technique in 3 bigha land out of which she introduced indigenous paddy variety in one bigha land . After paddy season now she has doing relay cropping in her 1.5 Bigha paddy field. From last year onward she has also been practicing fallow land cultivation, mixed cropping etc . Last year Taramoni developed a nutrition garden of around 2 Katha in the homestead land following the climate resilient techniques to supplement family nutrition. She got vermi compost pit and bio gass from this project through which now she is able to produce good quality organic manure in sufficient volume and this helps her to become a organic farmer. During project period Tramoni got some knowledge on livestock and its habitat which helps her to manage livestock efficiently. This year she got additional two goat for rearing.

Impact: Taramoni saved around 2.5K from agricultural input which reduced 16.67% from previous. In paddy cultivation this year she earned extra 14 K which is possible due to single stick technique and organic manure.

Last year Taramoni saved around Rs. 8K from her nutrition garden as now she has not dependent on market. Eight month out of the year she is able to produce enough vegetables for her family. Earlier her cooking procedure was depend on firewood but after installing Bio Gas she saved around 9K.

So it has been seen that after intervention Taramoni has increased her income near 48 K in a year. Taramoni says, *“Recommended use of organic manure has helped us to reduce the cost of cultivation as compared to the earlier practices because most of the cost was incurred to buy chemical fertilizers and pesticides, additionally we will get fresh organically grown produced for us”.*

Taramoni’s Steps for Success:

- Membership in SHG and learning the improved practices of sustainable agricultural techniques .
- Adoption of a package of practices and using of organic manure instead of chemical fertilizers.
- Realization of improved productivity, reducing Input cost.



Sl. No	Source of Income	Before Intervention (Rs.)	After Intervention (Rs.)	Remarks
1	Nutrition Garden	0	8100.00	
2	Paddy Cultivation (H.Y)	23000.00	31400.00	Increase due to Single Stick technique
3	Paddy Cultivation (Desi)	0	6275.00	Single stick method
3	Relay Cropping	0	1200.00	Khesari & Tisi
4	Fallow land Cultivation	0	7550.00	Mixed cropping
5	Bio Gas	0	9600.00	
6	Livestock	7000	9750.00	Hard Size Adult : Pig – 2, Goat- 2, Cow -4, Hen – 10 Kid: Pig – 3,Goat-3 Hen – 5
7	Organic Manure (Vermicompost)	0	4000.00	
Total		30000.00	77875.00	

