

RKVY SUCCESS STORY

Title :- Bio-flock Fish farming as a way of Subsidiary Income
(WB/RKVY-FISH/2021/1226)

Category :- Fishery

Challenge :- Fish farming at home-stead land plays a significant role in development of family economy. This sector also play a significant role in supplementary family income by using women empowerment. Besides, this sector is providing nutritional support to the family members. This sector has a good scope to meet up the gap between demand & supply. Quick returns and easy marketing is also a positive feature in this section. Fish production is also possible without having any pond. This is the most challenging altitude of the family members.



Initiative :- This area named Jamna at Labpur Block surrounded by small and marginal farmers. Most of the



farmers are seasonal labour. So the farmers face problem of economic crisis. At the time of COVID-19 pandemic in 2020 the situation of earning was very bad. The women working at Nitya Sangha thinking about supplementary income by using their available homestead land which will give quick return and easy marketing possibility. Considering the situation Nitya Sangha approaches to the authority of CADC for implementation a 10000 Lit capacity Bio-flock fish culture unit at own sangha premises during the year 2020-21. Then WBCADC Nalhati-I project provided one RKVY Bio-flock unit with a budgetary outlay of Rs. 135800/- . But before giving the unit WBCADC Nalhati-I project provided hands on training to the member by engaging local Fishery

Office along with exposure visit to expose them into real situation which provided them to clear their doubts that fish cultivation is also possible without pond.

Key Results/Insight/Interesting fact: - After analysing the situation, it was found that trainees were not aware that fish cultivation is possible without pond. After completion of training and exposure visit to other farm the trainees are aware of running their unit in commercial mode, aware of keeping books records of the farm, confident about Water testing, use of pro-bio ties.

Impacts :- Before engaging in fish farming the members have a dream to eat high valued fish plate and they fully depended on market which was beyond their ability. Besides this marketing of fish is not a problem which they have faced for other Agriculture production specially Vegetables. Financial impact is given below-



Additional Information :

Group leader : Shima Mondal, Secretary, Contact No.- 8768062807

Other members :

- 1) Anima Das, President, Contact No.-7872523023
- 2) Mamoni Ghosh, Cashier, Contact No.- 7076626093
- 3) Shima Choudhary, Sangha Co-ordinator, , Contact No.- 9732925698

Cost Analysis :-

Sl. No.	Cost	Name of the items(Materials)	Value
1.	Capital cost	Construction of Bio-flock tank capacity 10000 lit., Air pump, Air pipe, Inverter, battery, Electricity Accessories and other Hand Net, Trey, Iron truss PVC corrugated fibre sheet shed, Misc.	79800.00
2.	Recurring cost	Fish-seed, Salt, Molasses, Calcium carbonate, Probiotic, OTC, Methylene Blue/Malachite green, Medicine, Feed, Power Charges, Manpower, Misc.	56000.00
		Total Cost Rs.	1,35,800.00

Total Project cost =Rs.1,35,800.00

Income :- Sangha's Income for selling of Fish (For 20 month)-

Sl. No.	Name of Production (Magur Fish)	Fish seed cost/pcs. @Rs.	Total Cost of 5000 fish seed @Rs.	Total production of every 4 month (kg)	Rate/Kg	Total amount
1.	1 st 4 month Production	3/pcs.	5000*3=15000	1000 kg	100.00	100000.00
2.	2 nd 4 month Production	3/pcs.	5000*3=15000	900 kg	100.00	90000.00
3.	3 rd 4 month Production	3/pcs.	5000*3=15000	1200 kg	100.00	120000.00
4.	4 th 4 month Production	3/pcs.	5000*3=15000	1100 kg	100.00	110000.00
	Total Rs.=		=60000.00			420000.00

Benefit cost calculation

For first phase:

Gross income: 1000 kg * Rs. 100.00 = Rs.100000.00

Net income: Rs. 100000.00

For the Second phase:

Fish seed and Other cost = Rs. 20000

Gross income: 900kg* Rs. 100.00 = Rs.90000.00

Net income: (90000-20000) = Rs.70000.00

For the third Phase:

1. Fish seed + repairing and others cost = Rs.30000.00

Gross income: 1200 kg* Rs.100.00 =Rs. 120000.00

Net income: (140000-30000) =Rs. 110000.00

For the fourth Phase:

1.Fish seed and Many other cost = Rs.25000

A. Gross income: 1100 kg* Rs. 100.00 = Rs.110000.00

B. Net income: (110000 – 25000) = Rs.85000.00

Nitya Sangha's Total income for selling the fish = Rs. 420000.00

Nitya Sangha's Total profit = Rs. (100000+70000+110000+85000) = Rs.365000.00

Lesson learned :- Objective of RKVY Scheme behind setting up Bio-flock fish farming were to meet up the market demand of air breathing high valued fish most of the women at this area are not well accustomed with work as Agriculture labour. By engaging the women at their own homestead area, they can support their family and may change their socio-economic status of the group. The importance of women at their family will increase and they will be able to prove themselves their importance for socio-economic development of their family.

No.	Question to consider	Yes	No
1	Is the story interesting to the target audience of the project/activity	Yes	
2	Does the story explain what new insights the project brings? What is the main lesson learned from the story? Does the story describe a key insight on what works and what doesn't and something that future projects could build on.	Yes	
3	Does the story describe the outcomes the project produced and people who are benefitting? What changes-in skills, knowledge, attitude, practice or policy has the project brought about and who is benefitting from these changes?	Yes	
4	Does the story make a compelling point that people will remember? Does the story show how the project makes a difference to improving livelihoods and lessening poverty	Yes	
5	Does the story provide an interesting fact that people will remember? For example, how yield increased, how many hectares of land could become more productive from this innovation or technology?	Yes	
6	Does the story explain what kind of impact this innovation or technology could have if scaled up?	Yes	
7	Does the story show which partner contributed and how ?	Yes	
8	Does the story including quotes from stakeholders or beneficiaries	Yes	
9	Have I provided links to other media (Journal articles, website news, newsletter, blogs, annual reports or other programme/Projects) that also feature this story?		No
10	Have I provided the contact details of people who can provide more information?	Yes	