

Best Practices

Name of best practices: - Cluster based pond construction using new initiatives
District/Department of implementation: - Pakhanjur block, Kanker, Chhattisgarh
Implementing agency: - Directorate, Department of fisheries, Chhattisgarh
Sector: - Fisheries
Year of launch:- 2016-2017

1. Background:-

The state is keen to develop the fish seed production, fish production and other fisheries activity under Blue revolution scheme. Local fishermen and villagers are taking immense interest in implementing departmental scheme regarding fish culture apart from that the department under its guidance is adding more and more persons interested in fish culture. Efforts from villagers of various villages to develop fisheries activity of pakhanjur block of district Kanker (C.G.) is highly appreciable.

Traditionally fishers are culturing Indian major carp in their ponds; as such they get 3-5 ton fish production per hectare. To increase yield & production the culture of fast growing species like pangasius suchii & Tilapia has been started since 2009-10. By this now fishers are getting 40-60 ton fish production per hectare. Average income of around Rs. 10-12 lakh/hac.

2. Intervention:-

1. To produce quality fish seed of Tilapia, Pangasius and Indian major carps.
2. To facilitate timely supply of quality fish seed to farmers.
3. To reduce inbreeding of fish crops.
4. To ensure modification in the planning time of fish breeding.
5. To ensure field/mass mortality of quality fish seeds and fishes.
6. To ensure the reduction to fish and its seed from various aquatic diseases and other predators.
7. To increase the fish production with better quality of seed production.
8. To increase production of monosex tilapia and pangasius suchii.

9. To achieve mentioned objective, it has been proposed to establish closed based pond construction with introduction of new initiatives species in the pond i.e. Tilapia and Pangasius. Farmers are initiating with directorate fisheries for this purpose.

3. Impact:-

1. Introducing Blue Revolution scheme development of water area has to be increased.
2. Nurseries / Farms/ Hatchery will be self sufficient for production of fish seeds.
3. Fish seed production should be at commercial scale may be consumed as per the local requirement & rest may be supply to the neighboring state.
4. With increase in fish production income of farmers will be increased giving them better livelihood.
5. Brooders of fish can be stocked and well managed, maintained for next season.
6. Mode of transportation for live fish seed transport with ice box should be taken for less mortality and damaged.
7. Fish should be cured from various diseases.

4. Key Takeaways:-

After introduction of Blue Revolution scheme in Pakhanjur Kanker (C.G.) the development of water area is increased by 1930.00 hectare in year 2017. Giving productivity of 7000kg/hac with 9692 metric tonnes fish production. Around 12 hatcheries has been formed and 2700 fish culturists families are benefited in fish marketing and living better livelihood. For this they are provided with 04 three wheelers, 20 motor cycles with icebox and feed mill with production capacity of 6 ton/hour.

Cluster Based Fish Farming
Name of place:-PV 122 Pakhanjore
Date :- 29.01.2018



Cluster Based Fish Farming
Name of place:-Bade Kapsi
Date :- 29.01.2018



Cluster Based Fish Farming
Name of place:-Bade Kapsi
Date:- 09.12.2017



Visit of CEO N.F.D.B.
Name of place:- Pakhanjore
Date of visit :- 18.11.2017





Fis

h Seed Hatchery & Transport vehicle

Name of place :- pakhanjore

Date :- 20.03.2018



