

## **Stocking of Fingerlings in Wet lands**

Lower Gangetic Plains of West Bengal is blessed with a variety of wetlands ranging from coastal and marine wetlands to inland freshwater lakes, dams and swamps as well as the constructed wetlands in irrigation schemes and sewerage treatment systems and also the mountain wetlands. The inland freshwater wetlands, oxbow lakes and swamps are sources of livelihood for many people of rural West Bengal.

The wetlands, besides serving ecological functions, provide livelihood security to inhabitants around them. Moreover, wetlands are an imperative part of a nation's economy. Extensive floodplain wetlands of West Bengal bear special significance in the inland fisheries of India because of the support they provide to livelihoods of millions. In spite of the vast area they cover, fish yield is generally much lower than their potential. Out of the vast area (0.42 l ha) of wetlands in the state, only 12.5 percent could be brought under scientific fisheries management. Although the technology for fish culture is available but its horizontal expansion was not achieved earlier.

Wetlands are also the habitat for a large number of small indigenous fish species (SIFS) and many endangered fish species which support subsistence fisheries and provide livelihood to fisher communities, besides meeting nutritional requirements of the local population.

Enclosure technique, called pen culture, can do wonders in wetland fisheries development in West Bengal, but it is not adopted due to lack of awareness among wetland fishers.

The state aims to meet out the local as well as the other states fish seed demand for increasing the inland fish production. Therefore, it is imperative to increase the inland fish production through proper and sustainable use of wet lands and intern increase the fish production.

### **Name of Scheme**

**“Stocking of Fingerlings in Wetlands @ 1000 FL/ha”** - Beneficiary Oriented Scheme  
- Enhancement of Production and Productivity Component.

### **Project Location**

Different districts in the State of WB.

### **Objective**

- For better management of Wet lands, its biodiversity and ecological niche.
- Enhance fish production & productivity to bridge the critical wide gap between demands and supply of economical valuable endangered species.
- Ensure the availability of Fish for better Livelihood & Employment generation among the weaker section.
- Overall inclusive economic growth through sustainable and equitable development

of fisheries resources with eco-friendly approach.

### **Targeted Species of the Project**

IMC along with EC.

All the applicants who have undisputed encroachment-free land (owned or registered leased land) with supporting legal document shall be eligible for the aforesaid scheme.

### **Justification of the Scheme**

To fulfill the growing demand of fish in the State and also for the country. This scheme will contribute in horizontal expansion of crop area which will lead to increased production of fish seed.

### **Selection procedure of beneficiary**

At the district level, the proposal placed before the DLC shall approve the list of screened beneficiaries.

### **Implementation of Plan**

The proposed “**Stocking of Fingerlings in Wetlands @ 1000 FL/ha**” is a beneficiary-oriented scheme. After the due approval of schemes by the Government, the schemes will be implemented through District Fisheries Officers by the beneficiary under the technical guidance of Block Fishery Extension Officers (FEO).

### **Benefits from Implementation of Plan**

Following benefits after implementation of plan:

- Horizontal expansion of crop area.
- Increased production & productivity Increased per capita income.
- Generating employment, income and livelihood for rural & urban youth at large.

### **Government Assistance**

The total admissible Government Share against the scheme will be limited to:

- 40% of the project cost for general category beneficiaries and
- 60% of the project cost for weaker sections like Scheduled Castes (SCs), Scheduled Tribes (STs) and women.

Beneficiary contribution can either be self-financed or bank loan or both.

### **Sources of Finance:**

The estimated project cost of “**Stocking of Fingerlings in Wetlands @ 1000 FL/ha**” has been worked as 0.03 lakh per unit as per the Governmental guidelines.

Activity	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
Submitting DPR												
Approval of DPR												
Beneficiary selection and approval												
Purchase of unit												
Physical verification												
Release of subsidy												
Assessment and evaluation												

**Time line for Project Implementation**

**Scheme for "Stocking of Fingerlings in Wetlands" for Groups**

Unit Area for Scheme: 1 ha				
Details break up of Scheme:				
A) Cost				
Sl No	Items of Expenditure	Quantity	Rate (in Rs)	Amount (Rs)
1	Cost of IMC Fingerlings (Size 5 - 6 cm)	1000	3.00	3000.00
<b>Total</b>				<b>3000.00</b>
B) Funding pattern				
	Type of Beneficiary (Group Activity)	Unit Cost (Rs.)	Govt. Assistance (both Central & State Govt.) (Rs.)	Beneficiary Contribution (Rs.)
	General Category	3000.00	1200.00	1800.00
	SC/ ST/ Women	3000.00	1800.00	1200.00

**Note: The prices of the above-mentioned items are indicative only. The actual prices of the items may vary as per the local marketing conditions. The govt. subsidy will be given to a beneficiary with or without institutional finance. However, for subsidy calculation purposes the amount will be restricted as per the guideline of the Government**