



National Fisheries Development Board

Guidelines for Intensive Aquaculture in Ponds and Tanks

1.0 Introduction

Tremendous potential exists in India to augment fish production from freshwater aquaculture resources, which are spread across the length and breadth of the country. With concerted efforts to mobilize farmers to adopt fish farming, application of appropriate technologies for sustainable fish farming and fish seed production and availability of institutional finance, it would be possible to bring in substantial hikes in the annual fish production from the aquaculture sector within a span of 5 to 6 years.

Since the mid-seventies, when composite fish farming was demonstrated through the Fish Farmers' Development Agencies (FFDAs) and fish seed production practices were standardized, the fish production levels have increased from about 500 kg/ ha/yr to about 2200 kg/ ha/yr. Presently, production from inland aquaculture is estimated at about 3.0 millions tonnes. During the last two decades, flexibility in operation of area and scale of intensity as also compatibility of fresh water aquaculture practices with other farming systems have made fresh water aquaculture a fast growing farming activity in the country.

Indian major carps (IMC) and exotic carps (silver carp, grass carp and common carp) form the mainstay of Indian freshwater aquaculture and contribute over 90 percent of the total fresh water aquaculture production. Besides the IMC and exotic carps, there are several other fast growing species, which include minor carps (*Labeo calbasu*, *L. bata*), catfishes (singhi, magur) and murrels *Channa* species) that can also be cultured as the demand for such fish species is high in certain areas of the country.

About 2.41 million hectares of water bodies are available for freshwater aquaculture in the country, of which the majority area falls under tropical warm water conditions and is amenable for increasing production and productivity levels to about 5 tonnes/ ha/ annum. With better inputs in terms of seeds, feed and fertilizers, it may be possible to bring in about 8 lakh hectares under intensive aquaculture, in a span of 5-6 years. Through adequate forward and backward linkages, another 50 000 hectares of

new area can also be brought under the fold of intensive aquaculture. Such linkages will *inter alia* require availability of quality fish seed and capacity augmentation of farmers and entrepreneurs to take up scientific methods of fish farming and modern and efficient means of cold chain to market fish in safe and hygienic conditions.

The National Fisheries Development Board (NFDB) is mandated to play a critical role in this direction. An amount of Rs 620 crores have been earmarked for development of intensive aquaculture in ponds and tanks and the proposed activities are expected to generate substantial investments resulting in an annual production of 26.5 lakh tonnes of fish as well as creating employment opportunities in the rural areas. The present guidelines on intensive aquaculture in ponds and tanks cover a wide gamut of activities ranging from fish seed and table fish production to human resource development. The objectives of the guidelines are to bring in more clarity and objectivity, thus facilitating the implementing agencies in preparation and submission of suitable proposals in tune with the criterion evolved by the NFDB for providing assistance for development of intensive aquaculture in the country.

2.0 Components of Assistance

The NFDB will assist the following five components to support intensive aquaculture in ponds and tanks:

- Intensive aquaculture in existing ponds and tanks
- Intensive aquaculture in new ponds and tanks
- First-year one time inputs for intensive aquaculture in ponds and tanks.
- Establishment of hatcheries for production of fish seed.
- Establishment of fish seed rearing units for production of fish fingerlings.
- Training and demonstration.

2.1 Intensive aquaculture in existing tanks and ponds

2.1.1 Introduction

It is estimated that the country has presently 24.1 lakh hectares under freshwater aquaculture. The NFDB proposes to bring about one-third (33 %) of this area *i.e.* about 8.0 lakh hectares under intensive aquaculture in the next six years. Generally, the Board will not provide subsidy for the programme. However, in areas where potential for freshwater aquaculture exists but the activity has not

picked up due to various reasons, 25 percent of the estimated 8.0 lakh hectare will be covered with subsidy during a span of six years.

2.1.2 Eligibility criteria

The following criteria will be used to select farmers for subsidy to cover 25 percent of the estimated 8.0 lakh hectares for intensive aquaculture in existing ponds and tanks:

- Past performance of the farmer in undertaking freshwater aquaculture.
- Willingness/ entrepreneurship of the farmer to take up fish culture on scientific lines.
- Assurance / Willingness of the farmer to invest working capital money from 2nd year onwards obtained from the sale of the first crop duly utilizing the NFDB assistance towards the first year input costs.
- Bank's consent to provide the loan/ commitment of the farmer to invest 80% of the unit cost on his own.

2.1.3 Unit cost (investment cost)*

The unit cost for renovation/ repair of one hectare (water spread area) existing fresh water tank/ pond has been estimated as Rs 30,000/Ha-. Farmers who wish to avail bank loan or who wish to invest on their own be provided with a subsidy not exceeding 20 percent of the unit cost (Rs.6,000/Ha) for all farmers except SCs/STs & NE States for whom it will be 25% of the unit cost (7,500/ha).

2.2 Intensive aquaculture in new ponds and tanks

2.2.1 Introduction

The country has large potential for development of freshwater aquaculture. Due to various reasons, this potential has remained untapped. Besides enhancing production and productivity from the existing tanks and ponds, the NFDB also envisages to tap additional areas under freshwater aquaculture, which will not only add to the fish production of the country but will also generate additional employment, especially in the rural and interior areas. It is proposed to bring in an additional area of 50 000 ha under intensive aquaculture in the country in a span of 5-6 years. To promote this development, subsidy would be extended to cover 50 percent of the area *i.e.* 25 000 hectares in the next 5-6 years.

2.2.2 Eligibility criteria

The following criteria will be used to select farmers that would enable coverage of 50 percent of the estimated 50,000 hectares for subsidy to take up intensive aquaculture in new ponds and tanks:

- Past performance of the farmer in freshwater aquaculture including record of his/ her training in the said activity.
- Willingness/ entrepreneurship of the farmer to take up fish culture on scientific lines.
- Clear title of the land.
- If pond/ tank taken on lease, a minimum lease period of 10 years would be preferred.
- Assurance / Willingness of the farmer to invest working capital money from 2nd year onwards obtained from the sale of the first crop duly utilizing the NFDB assistance towards the first year input costs.
- Bank's consent to provide the loan / commitment of the farmer to invest 80% of the unit cost on his own.

2.2.3 Unit cost (investment cost) *

The unit cost for development of one hectare (water spread area) new pond for aquaculture in plain areas has been estimated as Rs 2,00,000/Ha. Farmers who wish to avail bank loan or who have invested on their own shall be provided with a subsidy of 20 percent of the unit cost *i.e.* Rs 40,000/Ha for all farmers except SCs/STs and NE States for whom it will be 25% of the unit cost (Rs.50,000/Ha).

2.3 First-year inputs

2.3.1 Introduction

In intensive aquaculture, the inputs constitute almost 60 percent of the total expenditure. To enable the farmer to adopt scientific farming practices and optimize the per hectare yield, it is essential to provide partial support for input costs during the first-year of operation. It is assumed that the profits obtained from the sale of the first crop will be revolved by the farmer in the subsequent years and make the farming operations sustainable.

2.3.2 Eligibility criteria

The support towards first year inputs will be available for one time to farmers, those who have availed assistance for construction/renovation ponds/tanks.

2.3.3 Unit cost (input cost)*

The unit cost for first-year inputs has been estimated as Rs. 60,000/Ha for both categories of farmers *i.e.* construction ponds and tanks/ renovation of ponds and tanks. Farmers who would have availed bank loan/ invested on their own shall be provided with a subsidy of 20% of the unit cost *i.e.*, Rs.12,000/Ha except SCs/STs & NE States for whom it will be @ 25% of the unit cost (Rs. 15,000/ha.).

The unit cost for first-year inputs for fresh water prawn culture has been estimated as Rs. 1,20,000/- per ha. Farmers who would have availed bank loan / invested on their own shall be provided with a subsidy of 20% of the unit cost *i.e.*, Rs. 24,000/Ha, except SCs/STs & North East States for whom it will be @ 25% of the unit cost (Rs. 30,000/Ha).

2.4 Establishment of hatcheries for production of fish seed

2.4.1 Introduction

Availability of quality seed of cultivable freshwater fish species has been a limiting factor for intensification of fish farming and also for coverage of additional area under aquaculture. While availability of fish seed is satisfactory in certain parts of the country, in other areas farmers face difficulties in procurement of quality seed in required quantities. Further, the seed in such deficit areas has to be transported over long distances, which adds to the cost of inputs. Therefore, to meet the requirements of farmers in seed-deficit and new areas of aquaculture, it is proposed to support entrepreneurs/ farmers in setting up of about 500 hatcheries for production of quality fish seed.

2.4.2 Eligibility criteria

The following criteria will be used for selection of entrepreneurs/ farmers for setting up of fish hatcheries:

- Existing aquaculture areas, which are presently deficit in seed production but otherwise promising.
- New areas of aquaculture where seed might be a constraint.
- The prospective entrepreneurs/ farmers should preferably have received training in hatchery operations.

- Willingness/ entrepreneurship to take up fish seed production on scientific lines.
- Clear title of the land where the hatchery would be set up.
- If land taken on lease, a minimum lease period of 10 years would be preferred.
- Commitment of the farmer to contribute towards working capital money.
- Bank's consent to provide the loan /commitment of the entrepreneur to invest 80% of the unit cost on his own.

2.4.3 Unit cost

The unit cost of each fish hatchery with a production capacity of about 8-10 million fry has been estimated as Rs Ten lakhs only (Rs 10 lakh). The entrepreneur/ farmer shall be eligible for a subsidy 20 percent on the unit cost subject to a maximum of Rs 2.0 lakh. The subsidy provided to the entrepreneur/ farmer shall be back-ended and shall be adjusted against the recovery of the final installment of the bank loan/ shall be provided at the end after completion of the works.

2.5 Establishment of Fish seed rearing units for production of fish fingerlings

2.5.1 Introduction:

Requirement of quality fingerlings size of 100 mm and above is a prerequisite for reservoir development. The realization would be more if the reservoirs are charged with 100 mm and above fingerlings. Presently, there are inadequate seed rearing facilities for rearing of spawn/fry to fingerlings, even though there is a demand for stock size fingerlings. Therefore, there is every need for creation of infrastructure facilities for rearing of spawn/fry to fingerlings. Thus, availability of stock size fingerlings of cultivable freshwater fish species for stocking in reservoirs has been a limiting factor for limited fishery production from the reservoirs. Availability of fish fingerlings is satisfactory in certain parts of the country, whereas the farmers in other areas face difficulties in procurement of quality fingerlings in required quantities. Further, the fish fingerlings in such deficit areas have to be transported over a long distance, which adds to the cost of inputs. Therefore, to meet the requirement of fish fingerlings for supplementary stocking in the reservoirs and ponds/tanks, it is proposed to support the entrepreneurs/ farmers in setting up of fish seed rearing units for production of quality fish fingerlings.

2.5.2 Eligibility criteria

The following criteria will be used to select farmers/entrepreneurs for subsidy to take up creation of infrastructure facilities for rearing spawn/fry to fingerlings in earthen ponds:

- Past performance of the farmer in freshwater hatchery / aquaculture including record of his/ her training in the said activity.
- Willingness/ entrepreneurship of the farmer to take up fish seed rearing to fingerlings on scientific lines.
- Adequate water facility throughout the year.
- Clear title of the land.
- If pond/ tank taken on lease, a minimum lease period of 10 years would be preferred.
- Willingness of the farmer to contribute towards working capital.
- Bank's consent to provide the loan/commitment of the entrepreneur to invest 80% of the unit cost on his own.

2.5.3 Unit cost

(i) Establishment of new fish seed rearing units:

The unit cost of each fish seed rearing unit (2.5 acres) with a production capacity of about 2.50 lakhs fingerlings (from 40 lakhs spawn/ 16.00 lakhs fry) has been estimated as Rs 3.00 lakhs per hectare only. The entrepreneur/ farmer shall be eligible for subsidy of 20% on the unit cost, subject to a maximum of Rs 60,000 per individual and for SCs/STs & North East States for whom it will be @ 25% i.e. Rs.75,000/Ha. The subsidy provided to the entrepreneur/ farmer shall be back-ended.

(ii) Renovation of existing fish seed rearing units:

The farmers owning seed rearing units willing to take up renovation for seed production will be eligible at a cost of Rs.50,000/- per hectare. The farmers may avail the loan or under take renovation on his own are eligible for a subsidy of 20% of unit cost subject to a maximum limit of Rs. 10,000/- ha and for SCs/STs & North East states for whom it will be @ 25% i.e. Rs.12,500/Ha.

The different components of the rearing unit includes the following:

1. Construction of earthen ponds including digging, bund construction and compaction & consolidation.
2. Inlets for individual earthen ponds.
3. Outlets with brick masonry, steel gate and wooden planks.
4. Motor& pump.
5. Nets & other implements.
6. Pump house/store room etc.

2.5.4 First-year inputs

2.5.1 Introduction

Farmers involved in the fish seed rearing from fry to fingerlings practices shall be provided partial support for input costs during the first-year of operation. It is assumed that the profits obtained from the sale of the first crop will be revolved by the farmer in the subsequent years and make the farming operations sustainable.

2.5.2 Eligibility criteria

The support towards first year inputs will be available one time to farmers those who undertake construction/renovation of fish seed rearing unit from fry to fingerlings under NFDB program.

2.5.3 Unit cost (input cost)

The unit cost for first-year inputs has been estimated as Rs. 60000/Ha farmers those who undertake construction/renovation of fish seed rearing unit from fry to fingerlings under NFDB program. Farmers who would have availed bank loan/ or who have invested on their own shall be provided with a subsidy of 20% of the unit cost i.e., Rs.12,000 /Ha except SCs/STs & NE States for whom it will be @ 25% i.e. Rs.15000/Ha.

2.6 Training and demonstration

2.6.1 Introduction

Skill upgradation is an important component of any production-oriented activity. It assumes more importance when the inherent technical skills/ capacity of the intended beneficiary is low and thus can be an important attribute of success or failure of the activity. The NFDB's objectives of increasing fish yield levels from the existing ponds and tanks and to bring in new areas under the fold of aquaculture can be adversely impacted if the technical skills of the farmers/ entrepreneurs are inadequate. Therefore, to meet this important requirement of human resource development in

freshwater aquaculture, the Board envisages mobilization of existing facilities available under public and private sectors to impart training to the fish farmers/ entrepreneurs in the country.

2.6.2 Eligibility criteria

The following criteria shall be applicable for selection of a farmer/ entrepreneur/fisherman/stakeholder connected with pond/tank fisheries to receive training:

- Should be a practicing inland fish farmer with proven record.
- Should be having ownership of a pond in his/ her name or a valid lease or should be part of a group of farmers/ co-operative/ association/ self-help group to whom the village/ community tank is leased.
- Should be willing to upgrade the existing fish culture practices.
- Should be willing to provide balance investment cost and or be willing to avail institutional finance.
- Should not have participated in any training programme organized by the Fish Farmers' Development Agency on freshwater aquaculture at least six months prior to training under the NFDB Programme. Further, such farmer shall also not be eligible to receive any freshwater aquaculture related training organized by the FFDA or under any other Centrally Sponsored Scheme for one year subsequent to this training.
- Should not be a defaulter to any of the financial institutions.

2.5.3 Unit cost (Training and Demonstration)

The unit cost includes a standard training period of ten (10) days and the following activities shall be funded under the programme:

(i) Assistance to farmer: The farmer shall be eligible for a daily allowance of Rs 125/ day and reimbursement of to and fro travel (train/ bus/ auto rickshaw) shall be reimbursed as per actuals, subject to a maximum of Rs 500.

(ii) Honorarium to resource person: For conduct of training, the implementing agency may engage the services of one resource person per training programme. The resource person may be given an honorarium of Rs 1 250 and to and fro travel expenses (train/ bus/ auto rickshaw) shall be reimbursed as per actuals, subject to a maximum of Rs 1 000.

(iii) Assistance to implementing agencies: The implementing agency shall be eligible to receive Rs 75/ trainee/ day for a maximum period of 10 days for organizing the training. This cost shall cover expenses towards identification and mobilization of the trainee and course material/ training kits, etc.

(iv) Development of training/ demonstration site(s):

(a) The State Government (Department of Fisheries) shall be eligible to receive a one-time grant of Rs One lakh only (Rs. 1 00 000) for development of their existing fish farm for undertaking training/ demonstration programmes on a regular basis. The State Government shall not be eligible for any subsequent grant for the same training site for the same purpose from NFDB or from any other funding agency for a period of five (5) years.

(b) In case the State Government does not possess its own facility which can be used for training/ demonstration, it would be eligible to develop the facility by taking a village Panchayat pond or tank on lease for undertaking training/ demonstration and for the purpose a one-time grant of Rs Fifty thousand only (Rs 50 000) shall be available for making payment towards lease amount and development of the facility for imparting training/ demonstration. The lease shall be for a minimum period of five (5) years and the water spread area should be a minimum of 0.5 ha or more.

(c) In the absence of (a) and (b) above, the State Government may engage the pond(s) of a private farmer for which an amount to Rs 5 000 per training programme shall be made available as fee for hiring the facility.

Besides the above, the State Governments and other implementing agencies shall also abide by the following conditions:

- The facilities developed by the State Government shall also be available to other implementing agencies for training of fish farmers under the NFDB programme.
- The training/ demonstration facilities developed by the implementing agency shall not be more than 25 km from the training site. However, if such a facility cannot be developed within 25 km, full justification shall be provided.
- The NFDB shall not fund any other training/ demonstration site over and above the one developed to ensure its optimal utilization.

- Each training batch shall consist of 25 trainees and in no case exceed 30 trainees per batch.
- All State/ Union Territory Governments shall be assisted with the setting up of a maximum of five (5) training/ demonstration sites initially. Additional sites shall only be sanctioned depending upon the performance and optimal utilization of the site(s) already sanctioned. Establishment of additional sites would also be linked to the number of farmers trained, area covered and institutional finance availed by the trained farmers for taking up aquaculture activities.
- All other implementing agencies including Fisheries Institutes under the Indian Council of Agricultural Research and the Colleges of Fisheries under the State Agricultural University shall avail their own facilities for which a lump sum of Rs Five thousand only (Rs 5 000) per training programme shall be provided. However, if such agencies do not have their own facility, they shall make use of the facility developed by the State Government or engage the facility of a private farmer, for which Rs Five thousand only (Rs 5 000) per training programme shall be provided.
- The State Government shall also train at least one batch of 25 trainees/ entrepreneurs each year who shall be exclusively trained in setting up and operation of fish seed hatcheries.
- The implementing agency shall maintain the profile of each trainee and provide information on the area farmed by each trained farmer, investments made, employment generated and increase in production and productivity. The consolidated information on the above shall be made available to NFDB at quarterly intervals for a period of five years.
- The implementing agency shall also be responsible for facilitating institutional finance to the fish farmers.
- The implementing agency and the NFDB shall enter into an MOU prior to release of funds for training and demonstration. The conditions stipulated in the Guidelines shall *inter alia* be a part of the MOU.

3.0 Submission of Proposals

All proposals received from the beneficiaries shall be compiled and submitted by the State Government at the beginning of each quarter (*i.e.* April, July, October, January) to the NFDB for approval and release of funds.

To ensure uniformity in the details provided by the farmers and the implementing Agencies, application shall be submitted in the following forms.

- (i) **Form I:** Intensive aquaculture in existing ponds and tanks.
- (ii) **Form II:** Intensive aquaculture in new ponds and tanks.
- (iii) **Form III:** Establishment of hatcheries for production of fish seed.
- (iv) **Form IV:** Establishment of fish seed rearing units for production of fish
fingerlings.
- (v) **Form V:** Training and demonstration.

Application forms at Sl. Nos. (i) to (iv) above shall be filled up by the applicant and counter signed by the Implementing Agency. However, the application form at Sl. No. (v) prescribed for training and demonstration shall be filled up by the Implementing Agency and submitted to the NFDB for consideration of release of funds. If the implementing agency is Non-Government Organization, the application must be routed through the Commissioner/Director of Fisheries of the state concerned.

4.0 Release of funds

Generally, the subsidy shall be released in two equal installments for activities relating to intensive aquaculture in existing ponds and tanks, intensive aquaculture in new ponds and tanks and establishment of hatcheries for production of fish seed. The first installment shall be released on approval of the proposal by the NFDB and the second installment shall be released at the beginning of the culture/ seed production activity and on receipt of the utilization certificate from the Implementing Agency for the first installment of the subsidy. However, if the Implementing Agency feels that the subsidy should be released in three installments, they may indicate while submitting the proposal to NFDB. All subsidy installments shall be deposited in the bank account of the farmer.

The grant for Training and Demonstration shall be sanctioned and communicated to the implementing agency on approval of the proposal by the NFDB and released in a single installment on fulfillment of the conditions.

5.0 Submission of Utilization Certificate & Compliance Report

The Implementing Agencies shall submit utilization certificates, supported by relevant bills/vouchers in respect of the funds released to them by the Board. Such certificates shall be submitted in **Form VI** on half-yearly basis *i.e.* during July and January of each year. The utilisation certificates can

also be submitted in between if activities for which funds were released earlier have been completed and the next dose of subsidy is required to complete the remaining works by the farmer.

The implementing agency shall submit the compliance report on completion of every activity without fail. The compliance report may cover brief introduction, various stages of the activity & sum-up of the programme, news paper clippings, photographs.

6.0 Monitoring and Evaluation

The State Governments shall set up a dedicated Monitoring and Evaluation Cell (M & E) in the Department of Fisheries to periodically monitor and evaluate the progress of activities implemented under the NFDB funding. The Cell may be set up under the chairpersonship of the Secretary In-charge of Fisheries and may include representatives of the State Departments of Finance and Fisheries and representatives of FFDA and Commercial Bank/ NABARD. The M & E Cell shall also establish financial and physical targets in consultation with the NFDB against which the performance and utilisation of funds shall be monitored.

**Application for submission of proposal for financial assistance from
National Fisheries Development Board**

Proposal for taking up Intensive Aquaculture in **Existing** Ponds and Tanks

Sl. No	Particulars sought from the applicant	Information furnished by the applicant
(1)	(2)	(3)
1.0	Name and address of the applicant/ firm/ association/ Self Help Group (IN BLOCK LETTERS):	
2.0	Address for communication (telephone/ mobile number):	
3.0	Details of land where aquaculture activity is proposed to be taken up:	
	a) State:	
	b) District:	
	c) Taluk/ Mandal:	
	d) Revenue Village:	
	e) Survey Number(s):	
	f) Ownership (whether freehold or on lease):	
	g) If on lease, duration of lease:	
	h) Total farm area (in ha):	
	i) Total water spread area (in ha):	
	j) Details of the proposed renovation/ repair works of the ponds/ tank. (Design details/engineering works to be certified by the Department of Fisheries/ FFDA/ ICAR Fisheries Institute/ Colleges of Fisheries):	
4.0	Details regarding assistance received earlier for the construction of ponds/ tanks. Renovation, if any carried out earlier may be mentioned along with the year and amount incurred on such renovation:	
5.0	Whether the applicant is in default of payment to any Financial Institution/ State Government for loan/ assistance availed earlier. If yes, please provide the details and the reasons for default:	
6.0	Estimates regarding input costs:	
	a) Species to be farmed:	

	b) Stocking density (please specify the stage of stocking - fry/ advanced fry/ fingerling) - numbers per hectare:	
	c) Cost of seed (Rs per thousand):	
(1)	(2)	(3)
	d) Source of procurement:	
	e) Transportation cost (Rs per thousand);	
	f) Details of feed to be used, its quantity and cost:	
	g) Source of procurement of feed:	
	h) Transportation costs:	
	i) Details of fertilizers/ other inputs to be used; their quantity, cost and source:	
7.0	Experience of the applicant in the field and details of training undergone so far:	
8.0	Details regarding economics of operation:	
9.0	Whether any financial tie up has been made for availing Bank loan, if so please provide the details:	
10.0	Expected date of operation of the farm and tentative schedule of activities:	
11.0	Marketing tie up:	
12.0	Source and number of labour employed for renovation as well as day-to-day culture operations:	

Declaration by the Applicant

I/We.....S
son/daughter/wife
of.....
.....Residing at.....
hereby declare that the information furnished above is true to the best of my/ our knowledge and belief. I am/ we are fully aware that if it is found that the information furnished by me/ we/ us is false or there is any kind of deviation/ violation of the conditions under which assistance is provided to me by the NFDB, any action as deemed fit for violation of this condition may be taken against me/ us.

Date:

Place:
the applicant (s)

Signature of

Countersigned by the implementing Agency (Director of Fisheries of the state)

Date:

Place:

Signature and seal of the
authorized representative of the
Implementing Agency

**Application for submission of proposal for financial assistance from
National Fisheries Development Board**

Proposal for taking up Intensive Aquaculture in **New** Ponds and Tanks

Sl. No	Particulars sought from the applicant	Information furnished by the applicant
(1)	(2)	(3)
1.0	Name and address of the applicant/ firm/ association/ Self Help Group (IN BLOCK LETTERS):	
2.0	Address for communication (telephone/ mobile number):	
3.0	Details of land where aquaculture activity is proposed to be taken up:	
	a) State:	
	b) District:	
	c) Taluk/ Mandal:	
	d) Revenue Village:	
	e) Survey Number(s):	
	f) Ownership (whether freehold or on lease):	
	g) If on lease, duration of lease:	
	h) Total farm area (in ha):	
	i) Total water spread area (in ha):	
	j) Details of the proposed construction works of the new pond/ tank. (Design details/engineering works to be certified by the Department of Fisheries/ FFDA/ ICAR Fisheries Institute/ Colleges of Fisheries):	
4.0	Whether assistance for this purpose has been sought under any other scheme of the Central/ State Government? If so, please provide the details:	
5.0	Whether the applicant is in default of payment to any Financial Institution/ State Government for loan/ assistance availed earlier. If yes, please provide the details and the reasons for default:	
6.0	Estimates regarding input costs:	
	a) Species to be farmed:	

	b) Stocking density (please specify the stage of stocking - fry/ advanced fry/ fingerling) - numbers per hectare:	
	c) Cost of seed (Rs per thousand):	
(1)	(2)	(3)
	d) Source of procurement:	
	e) Transportation cost (Rs per thousand):	
	d) Details of feed to be used, its quantity and cost:	
	f) Source of procurement of feed:	
	g) Transportation costs:	
	h) Details of fertilizers/ other inputs to be used; their quantity, cost and source:	
7.0	Experience of the applicant in the field and details of training undergone so far:	
8.0	Details regarding economics of operation:	
9.0	Whether any financial tie up has been made for availing Bank loan, if so please provide the details:	
10.0	Expected date of operation of the farm and tentative schedule of activities:	
11.0	Marketing tie up:	
12.0	Source and number of labour employed for construction as well as day-to-day culture operations:	

Declaration by the Applicant

I/We

son/daughter/wife of

.....

Residing at..... hereby

declare that the information furnished above is true to the best of my/ our knowledge and belief. I am/ we are fully aware that if it is found that the information furnished by me/ we is false or there is any kind of deviation/ violation of the conditions under which assistance is provided to me by the NFDB, any action as deemed fit for violation of this condition may be taken against me/ us.

Date:

Place:
the applicant (s)

Signature of

Countersigned by the Implementing Agency

Date:

Place:

Signature and seal of the
authorized representative of the
Implementing Agency

FORM – III

**Application for submission of proposal for financial assistance from
National Fisheries Development Board**

Proposal for Construction of Fish Seed Hatcheries

Sl. No	Particulars sought from the applicant	Information furnished by the applicant
(1)	(2)	(3)
1.0	Name and address of the applicant/ firm/ association/ Self Help Group (IN BLOCK LETTERS):	
2.0	Address for communication (telephone/ mobile number):	
3.0	Details of land where aquaculture activity is proposed to be taken up:	
	a) State:	
	b) District:	
	c) Taluk/ Mandal:	
	d) Revenue Village:	
	e) Ownership (whether freehold or on lease):	
	f) If on lease, duration of lease:	
	g) Total land area in which the hatchery would be set up (in ha):	
4.0	Details of the proposed hatchery:	
	a) Type of hatchery:	
	b) Numbers and size of hatching tanks:	
	c) Technology to be adopted:	
	d) Production capacity (in million spawn per	

	production cycle):	
	e) Production cycles proposed to be taken per year:	
	f) Facilities, if any for nursery rearing. If so, capacity of the nurseries:	
	g) Source of water:	
	h) Source of brood stock:	
	h) Details of the proposed construction works of the hatchery. (Design details/engineering works to be certified by the Department of Fisheries/ FFDA/ ICAR Fisheries Institute/ Colleges of Fisheries):	
5.0	Details on tie up with the Bank for availing institutional finance:	
6.0	Arrangement for seed money (please furnish documentary proof, such as statement of Bank account, etc.)	
(1)	(2)	(3)
7.0	Whether the applicant is in default of payment to any Financial Institution/ State Government for loan/ assistance availed earlier. If yes, please provide the details and the reasons for default:	
8.0	Experience of the applicant in operation of hatcheries and details of training(s) undergone so far:	
9.0	Details regarding economics of operation:	
10.0	Expected date of operation of the hatchery and tentative schedule of activities such as distribution and marketing of seed and transport arrangements, etc:	
11.0	Number of hatcheries set up within a radius of 50 kms of the proposed hatchery and their production capacities:	
12.0	Source and number of workers employed for construction as well as day-today hatchery operations:	

Declaration by the Applicant

I/We
son/daughter/wife of

Residing at..... hereby
declare that the information furnished above is true to the best of my/ our
knowledge and belief. I am/ we are fully aware that if it is found that the
information furnished by me/ we is false or there is any kind of deviation/
violation of the conditions under which assistance is provided to me by
the NFDB, any action as deemed fit for violation of this condition may be
taken against me/ us.

Date:
Place:
applicant (s)

Signature of the

**Countersigned by the Implementing
Agency**

Date:
Place:

**Signature and seal of the
authorized representative of the
Implementing Agency**

**Application for submission of proposal for financial assistance from
National Fisheries Development Board**

Application for establishment/ renovation of fish seed rearing units

Sl. No	Particulars sought from the applicant	Information furnished by the applicant
(1)	(2)	(3)
1.0	Name and address of the applicant/ firm/ association/ Self Help Group (IN BLOCK LETTERS):	
2.0	Address for communication (telephone/ mobile number):	
3.0	Details of land where aquaculture activity is proposed to be taken up:	
	a) State:	
	b) District:	
	c) Taluk/ Mandal:	
	d) Revenue Village:	
	e) Survey Number(s):	
	f) Ownership (whether freehold or on lease):	
	g) If on lease, duration of lease:	
	h) Total farm area (in ha):	
	i) Total water spread area (in ha):	
	j) Details of the proposed construction works of the fish seed rearing units (Design details/engineering works to be certified by the Department of Fisheries/ FFDA/ ICAR Fisheries Institute/ Colleges of Fisheries):	
4.0	Whether assistance for this purpose has been sought under any other scheme of the Central/ State Government? If so, please provide the details:	
5.0	Whether the applicant is in default of payment to any Financial Institution/ State Government for loan/ assistance availed earlier. If yes, please provide the details and the reasons for default:	
6.0	Estimates regarding input costs:	
	a) Species to be reared:	
	b) Stocking density (please specify the stage of stocking – spawn/fry - numbers per hectare):	

	c) Cost of spawn/fry (Rs. per Lakh):	
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(1)	(2)	(3)
	d) Source of procurement:	
	e) Transportation cost (Rs per Lakh):	
	d) Details of feed to be used, its quantity and cost:	
	f) Source of procurement of feed:	
	g) Transportation costs:	
	h) Details of fertilizers/ other inputs to be used; their quantity, cost and source:	
7.0	Experience of the applicant in the field and details of training undergone so far:	
8.0	Details regarding economics of operation:	
9.0	Whether any financial tie up has been made for availing Bank loan, if so please provide the details:	
10.0	Expected date of operation of the farm and tentative schedule of activities:	
11.0	Marketing tie up:	
12.0	Source and number of labour employed for construction as well as day-today culture operations:	

Declaration by the Applicant

I/We
son/daughter/wife of
.....

Residing at..... hereby
declare that the information furnished above is true to the best of my/ our
knowledge and belief. I am/ we are fully aware that if it is found that the
information furnished by me/ we is false or there is any kind of deviation/
violation of the conditions under which assistance is provided to me by the
NFDB, any action as deemed fit for violation of this condition may be taken
against me/ us.

Date:

Place:
the applicant (s)

Signature of

Countersigned by the Implementing Agency

Date:

Place:

**Signature and seal of the
authorized representative of the
Implementing Agency**

**Application for submission of proposal for financial assistance from
National Fisheries Development Board**

Application for Training and Demonstration

Sl. No	Particulars sought from the Implementing Agency	Information furnished by the Implementing Agency		
(1)	(2)	(3)		
1.0	Name and address of the Implementing Agency:			
2.0	Location of the Training Facility:	District	Block	Village
3.0	Facilities available or proposed for imparting training:			
4.0	Details of the Training Programme:			
	a) Number of persons to be trained in fish farming and in hatchery operations (to be given separately):			
	b) Of which number of existing fish farmers:			
	c) Farmers having their own ponds/ tanks to undertake fish culture:			
5.0	Area under fish culture/ expected to increase after training programme:			
	a) Existing fish farm area (ha):			
	b) New area to be developed by the trained farmers (ha):			
6.0	Average fish production in the area (kg/ ha/ annum):			
7.0	Whether the demonstration site would be in the Fish Farm of the State Government or will be taken up in village Panchayat ponds on lease basis:			
8.0	If demonstration site other than the farm of the Department of Fisheries, please provide the following details:			
	a) Complete address of the pond/ tank:			
	b) Size of the pond/ tank (ha):			
	c) Distance from the location of the training site:			
9.0	Whether the Implementing Agency			

	proposes to engage farmer's pond? If so, the number of training programmes to be conducted in a year may be indicated:		
(1)	(2)	(3)	
10.0	Financial Implications:		
	Item	Number	Amount
	a) Training		
	(i) Assistance to farmer @ Rs 125/ day for 10 days:		
	(ii) Reimbursement of to and fro travel expenses to farmer:		
	(iv) Honorarium to resource persons and reimbursement of to and fro travel expenses:		
	(iii) Assistance to implementing agency @ Rs 75/ trainee/ day:		
	Total of (a)		
	b) Demonstration Unit		
	Grand Total (a + b)		
11.0	Technical capabilities of resource persons to be engaged in training:		
12.0	Any other details in support of the proposal		

Date:

Place:

Signature and seal of the
authorized representative of the
Implementing Agency



National Fisheries Development Board

Form for Submission of Utilization Certificate

Sl. No	Letter No and date	Amount

Certified that out of Rs _____ sanctioned during the year _____ in favour of _____ under the National Fisheries Development Board's Letter No given in the margin and Rs _____ on account of unspent balance of the previous sanction, a sum of Rs _____ has been utilized for the purpose of _____ for which it was sanctioned and that the balance of Rs _____ remains unutilized. The same will be adjusted towards the next installment payable during the period _____.

- 2.0 Certified that I have satisfied myself that the conditions on which the funds were sanctioned by the National Fisheries Development Board have been duly fulfilled/ are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Date:

Place:
of the authorized representative
Implementing Agency

Signature and seal
of the

Summary of the Norms for Assistance towards Intensive Aquaculture in Ponds and Tanks

Sl. No	Item	Activities	Unit Cost	Subsidy	Remarks
1.0	Intensive aquaculture in existing ponds and tanks	(i) Reclamation/renovation of ponds and tanks.	Rs 30 000/ ha	i. Farmers - 20 % of the Unit Cost (Rs. 6,000/-) ii. SC/ST & NE States- 25% of the Unit Cost (Rs. 7,500/-)	Subsidy shall be provided to cover 2.0 lakh ha out of eight lakh ha under existing ponds and tanks.
2.0	Intensive aquaculture in new ponds and tanks	(i) Construction of ponds and tanks.	Rs 2,00,000 /ha	i. Farmers - 20 % of the Unit Cost (Rs. 40,000/-) ii. SC/ST & NE States - 25% of the Unit Cost (Rs. 50,000/-)	Subsidy shall be available for development of 25 000 ha new area out of the proposed total of 50 000 ha.
3.0	First-year inputs	i. Input costs for reclamation/renovation of tanks/ponds and construction of new ponds	Rs 60 000/ ha	i. Farmers - 20 % of the Unit Cost (Rs. 12,000/-) ii. SC/ST & NE States - 25% of the Unit Cost (Rs. 15,000/-)	Input subsidy available for both existing and new tanks and ponds developed under NFDB programme.
		iii. Input costs for freshwater prawn culture.	Rs 1,20,000/- ha	i. Farmers - 20 % of the Unit Cost (Rs. 24,000/-) ii. SC/ST and NE States - 25% of the Unit Cost (Rs. 30,000/-)	
4.0	Establishment of hatchery for production of fish seed	Setting up of a hatchery with production capacity of 8-10 million fry per annum.	Rs 10 00 000/ unit10	20 % of the Unit Cost (Rs 2 00 000)	500 freshwater fish hatcheries to be set up.

5.0	Fish seed rearing units to produce quality fish fingerlings	(i) Construction of fish seed rearing units	Rs.3.00 lakhs	i. Farmers - 20 % of the Unit Cost (Rs. 60,000/-) ii. SC/ST and NE States - 25% of the Unit Cost (Rs. 75,000/-)	Subsidy shall be available for development of fish seed rearing units for production of quality advanced fish fingerlings.
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		(ii) Repairs to the existing fish seed rearing units	Rs50,000	i. Farmers - 20 % of the Unit Cost (Rs. 10,000/-) ii. SC/ST and NE States - 25% of the Unit Cost (Rs. 12,500/-)	Subsidy shall be provided to farmers having ponds and willing to take up fingerling production
		(iii) Input costs for new/renovated fish seed rearing units.	Rs 60,000/-ha	i. Farmers - 20 % of the Unit Cost (Rs. 12,000/-) ii. SC/ST and NE States - 25% of the Unit Cost (Rs. 15000/-)	Input subsidy available for new fish seed rearing units developed under NFDB programme.

6.0	Training and Demonstration	<ul style="list-style-type: none"> (i) Assistance to farmers for participation in 10 days training programme (batch of 25 – 30). (ii) Honorarium to Resource Persons. (iii) Assistance to implementing agency for training and demonstration. 	<ul style="list-style-type: none"> (i) Daily allowance of Rs 125/ day /trainee and reimbursement of actual to and fro travel, subject to a maximum of Rs 500 per trainee. (ii) Honorarium of Rs 1250 and actual to and fro travel expenses, subject to a maximum of Rs 1000. (iii) Rs 75/ trainee/ day to the Implementing Agency towards identification, mobilization of beneficiaries, supply of training material, etc. (iv) Development of existing fish farm @ Rs 1 00 000/- (one time grant) to the Implementing Agency (State Govt.) to conduct regular training/ demonstration activities. (v) In absence of own facility, grant of Rs 50 000/- shall be available to the State Government to lease village Panchayat pond(s) and its development for conduct of training/ demonstration, etc. (vi) In the absence of (iv) and (v) above, Rs 5 000/- per training program for hiring suitable facility from private farmer. (vii) ICAR Fisheries Institutes/ Colleges of Fisheries under State Agriculture Universities/ Other Agencies using their own facilities will get a lump sum amount of Rs 5 000/- per training programme for this purpose.
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