



GOVERNMENT OF ODISHA
FISHERIES & ANIMAL RESOURCES DEVELOPMENT DEPARTMENT

Scheme: Promotion of Intensive Aquaculture through Introduction of Bio-floc Technology during the year 2021-22

AIM :

- Bio-floc based farming aims to promote sustainable intensification of the freshwater fish and brackish water shrimp farming for boosting productivity and generating high income in a limited area and during the current 5000 nos. of Bio-floc tanks will be developed under this programme with subsidy support under state plan.

OBJECTIVE :

- To promote high-yielding intensive fish farming in small area using Bio-floc technology.
- To encourage farmers, entrepreneurs and unemployed youth in to income generation through small-scale Bio-floc farming system.

SCHEME OUTLAY & SUBSIDY :

- Total outlay under the said programme is Rs.2525.00 lakh.
- The unit cost different models.

Sl. No.	Model	Unit Cost (In Rs. Lakh)	Subsidy per Unit @ 40% (In Rs.)	Subsidy per Unit @ 60% (In Rs.)
1	Two Tanks (PVC, Tarpaulin)	1.50	60,000/-	90,000/-
2	Four Tanks (PVC, Tarpaulin)	3.00	1,20,000/-	1,80,000/-
3	Six Tanks (PVC, Tarpaulin)	4.00	1,60,000/-	2,40,000/-
4	Two Tanks (Brick Masonry)	2.00	80,000/-	1,20,000/-
5	Four Tanks (Brick Masonry)	4.00	1,60,000/-	2,40,000/-
6	Six Tanks (Brick Masonry)	6.00	2,40,000/-	3,60,000/-

Two Tanks (PVC, Tarpaulin etc.)

Bio-Floc Tank of 30 Cubic Meter Capacity					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per Unit @ 40% of Total Cost (Rs.)	Subsidy per Unit @ 60% of Total Cost (Rs.)
1	Bio-floc Tank: PVC/ Tarpaulin/ Polyliner with frames, solid base, drain pipe and fish net covering (4m. dia X 1.3m. depth tank = 15000 L capacity) for two tanks	02	40,000	16,000	24,000

Bio-Floc Tank of 30 Cubic Meter Capacity					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per Unit @ 40% of Total Cost (Rs.)	Subsidy per Unit @ 60% of Total Cost (Rs.)
2	Green House Shed with Entry Door including installation costs (GI Frames covered with shade net) Floor area: 50m ² (10m. length x 5m. width) Height: 3m. Specification & Drawing in Annexure-I	01	60,000	24,000	36,000
3	Electric Water Pump (0.5 HP)	01	4,000	1,600	2,400
4	Ring Blower / High Pressure Air Pump (100-120W, single phase AC) alternatively one blower will run 24x7	02	20,000	8,000	12,000
5	Electronic Weighing Balance	01	1,000	400	600
6	UPS Unit with Inverter (1100 VA) and Battery (150 Ah) or Portable Genset (1 Kilo Watt)	01	25,000	10,000	15,000
	GRAND TOTAL		1,50,000	60,000	90,000

Two Tanks (Brick Masonry)

Bio-Floc Tank of 30 Cubic Meter Capacity					
Sl. No.	Items	Units	Unit Cost (Rs.)	Subsidy per Unit @ 40% of Total Cost (Rs.)	Subsidy per Unit @ 60% of Total Cost (Rs.)
1	Biofloc Tank: Brick Masonry Tanks with frames, solid base, drain pipe and fish net covering (4m. dia X 1.3m. depth tank = 15000 L capacity) for two tanks or one tank with 30 Cubic meter capacity	02	90,000	36,000	54,000
2	Green House Shed with Entry Door including installation costs (GI Frames covered with shade net) Floor area: 50m ² (10m. length x 5m. width) Height: 3m. Specification & Drawing in Annexure-I	01	60,000	24,000	36,000
3	Electric Water Pump (0.5 HP)	01	4,000	1,600	2,400
4	Ring Blower / High Pressure Air Pump (100-120W, single phase AC) alternatively one blower will run 24x7	02	20,000	8,000	12,000
5	Electronic Weighing Balance	01	1,000	400	600
6	UPS Unit with Inverter (1100 VA) and Battery (150 Ah) or Portable Genset (1 Kilo Watt)	01	25,000	10,000	15,000
	GRAND TOTAL		2,00,000	80,000	1,20,000

- The unit cost different models.
- Subsidy assistance is @ 40% of the unit cost for General Category and @ 60% of the Unit Cost for SC / ST / Women Category.
- Subsidy amount shall be released to Aadhaar linked Bank Account of beneficiary in two phases. 40% of subsidy shall be released after installation of Bio-floc unit. Rest 60% back ended subsidy shall be released after completion of the project.
- The beneficiary shall construct the Bio-floc unit as per the minimum design and specification shown in the above tables.
- Items from Sl.No.3 to 6 in the tables are optional.
- Details of 4 Tanks Model and 6 Tanks Model are given in Guidelines of the Scheme.

ELIGIBILITY CRITERIA :

- Farmers interested to take up grow-out tanks, nursery and seed tanks; fish and shrimp hatchery operators; private entrepreneurs; unemployed youth are eligible to avail the assistance under this scheme. Priority will be given to unemployed educated youth since Bio-floc farming involves advanced technology, and the beneficiary has to undergo specialized training on Bio-floc systems, before operation of the unit.
- The eligible brackish water shrimp farms/ nursery and seed tanks/ hatchery beneficiaries must have concerned license from Coastal Aquaculture Authority.
- The support will be in the form of back-ended assistance for installation of Bio-floc system inside a shed with PVC/ brick masonry tanks, water supply, drain and aeration units.
- The assistance under the special package will be available to the above categories of beneficiaries with a minimum of 2 tanks and a maximum of 6 tanks.
- If a beneficiary has availed subsidy earlier for installation of Bio-floc unit under different schemes of Government of India and State Government, for less than 6 nos. of tanks, He/ She shall also be eligible to avail further subsidy under this scheme. However in such cases, the subsidy shall be limited to a maximum of 6 tanks which will include the installation of tanks earlier.

STEPS INVOLVED IN CITIZEN SUBMITTING APPLICATION :

- The scheme shall be advertised through the Departmental website, newspapers and wall posters in the District and Block Fisheries Offices across the State. The Director of Fisheries shall undertake wide publicity of the scheme.

- Interested farmers (Grow-Out Tanks, Nursery and Seed Tanks); fish and shrimp hatchery operators; private entrepreneurs; unemployed youth shall apply in the prescribed format as specified in **Annexure-I**.
- The filled in application forms along with following documents should be submitted to the respective District Fisheries Officers through hardcopy or through email. The applications can also be submitted online to Directorate of Fisheries, Odisha, Cuttack through email: **director.odifish.inland@gmail.com**.
 - Identification Proof (Aadhaar Card)
 - Land Document (Photocopy)
 - If Bank loan, Consent Letter from Bank.
 - Bank Account No. with IFS Code for DBT (Photocopy)

PROCESS FOR PROVIDING SUBSIDY :

- The scheme shall be advertised through the Departmental website, newspapers and wall posters in the District and Block Fisheries Offices across the State. The Director of Fisheries shall undertake wide publicity of the scheme.
- The selection of beneficiaries shall be made in a transparent manner by the District Fisheries Officer.
- Identification of beneficiaries shall be made with Aadhaar linking at the time of submission of application. The DFO must ensure the Aadhaar No. of the beneficiaries and the land record to prevent multiple benefits.
- The application received by the Directorate of Fisheries, Cuttack through e-mail will be forwarded to the respective DFOs for necessary action.
- The DFOs on receipt of the applications will forward it to the concerned AFOs for necessary site inspection.
- The initial geo-tagged photographs of the site/ fish farm along with the beneficiary and field verification report shall be prepared by the AFO and submitted to the DFO as per format enclosed at **Annexure-II**. The AFO should ensure that the project proposed by the beneficiary is completely new.
- Each beneficiary will select two persons including him/ her for undergoing training on Bio-floc technology and the list (trainee) shall be submitted to the DFO.
- List of such trainees shall be submitted to Directorate of Fisheries by the DFO concerned before issue of **Go-Ahead** to the beneficiary.

- Directorate of Fisheries will organize the training on Bio-floc technology for the beneficiaries nominated by the DFOs at the Zonal Level (Cost of the training shall be met out of the IEC component of the budget provision).
- The DFO shall issue a Go-Ahead letter to the selected beneficiaries to take up the Bio-floc farm unit installation based on the feasibility report of the AFO.
- Beneficiaries shall install the bio-floc farm unit and complete the stocking of fish/ shrimp seed. The beneficiary will be eligible for back ended subsidy only after stocking of fish/ shrimp seed in the newly installed Bio-floc tank.
- Upon completion of the unit the beneficiary will intimate the concerned AFO.
- A District Level Inspection Team (DLIT) comprising of the following members shall undertake joint field inspection of the site and keep record.
 - District Fisheries Officer-
 - Assistant Fisheries Officer / SFTA / JFTA I/C of the Block
 - Panchayat Extension Officer
- The beneficiaries shall submit the GST bills/ receipts towards installation of Bio-floc unit.
- Only items mentioned in the unit cost (i.e. tarpaulin/ PVC Tanks, Blower, Water Pump, Genset and Shed) are eligible under subsidy upon submission of actual GST bills for those items.
- Geo-tagged post-installation photographs of the bio-floc units along with the beneficiary will be taken by the District Level Inspection Team (DLIT) upon completion of the installation and stocking.
- The DFO shall release the subsidy to the beneficiaries through DBT only on the eligible items in the Bio-floc units after proper verification of the GST bills/ receipts.

PROCESS FOR PROVIDING SUBSIDY :

- Training of farmers will be organized at Regional / District / Block level.
- The concerned AFO of the block will guide the farmers in field and will give lay out for installation of Bio-floc tanks and provide all technical support for pisciculture.
- Assistance in marketing of fish.

**DISTRICT-WISE TARGET UNDER “PROMOTION OF INTENSIVE AQUACULTURE :
INTRODUCTION OF BIO-FLOC TECHNOLOGY” DURING THE YEAR 2021-22 :**

Sl.No.	District	Target (No. of Tanks)
01	Angul	120
02	Balasore	500
03	Bargarh	120
04	Bhadrak	400
05	Bolangir	160
06	Boudh	40
07	Cuttack	300
08	Deogarh	60
09	Dhenkanal	300
10	Gajapati	60
11	Ganjam	400
12	Jagatsinghpur	300
13	Jajpur	60
14	Jharsuguda	40
15	Kalahandi	60
16	Kandhamal	40
17	Kendrapada	500
18	Keonjhar	60
19	Khordha	180
20	Koraput	80
21	Malkangiri	60
22	Mayurbhanj	400
23	Nawarangpur	60
24	Nayagarh	200
25	Nuapada	24
26	Puri	160
27	Rayagada	76
28	Sambalpur	120
29	Sonepur	60
30	Sundargarh	60
TOTAL		5000

@ @ @

Passport Size
Photo

(Self Attested)
3.5cm X 3.5cm

Annexure-I

APPLICATION FORM

1. Name of the Applicant ::
2. Name of the Farm / Hatchery ::
3. Address :
 - a) Village :
 - b) G.P. :
 - c) Block :
 - d) P.O. :
 - e) District :
 - f) Pin Code :
4. CAA License No. of Brackish Water Farm/ Shrimp Hatchery :
5. Mobile Number ::
6. Category (Gen / SC / ST / OBC) ::
7. Male / Female ::
8. Age ::
9. Whether supported under any Government Schemes during last 2 years?
If yes, which scheme? ::
10. Identification Proof (Aadhaar Card) ::
(Enclose a Photocopy of the Aadhaar Card)
11. Number of Bio-floc Farm units to be installed ::
12. Details of the Saving Bank Account ::
 - a) Account Holder Name ::
 - b) Account No. ::
 - c) IFS Code ::
 - d) Bank Name ::
 - e) Branch Name ::(Photograph of the First Page of the Bank Passbook need to be enclosed)

13. Self Declaration ::

I do hereby declare that the above facts are true to the best of my knowledge and belief. I am interested to avail the financial assistance under the scheme '**Promotion of Intensive Aquaculture**'. I do hereby undertake to utilise the Government assistance for intensive fish farming using Bio-floc technology.

Recommending Officer (AFO)

Signature of the Applicant