

**Guidelines for Implementation of fisheries Scheme under the National Mission for Protein Supplements (NMPS) in States during 2012-13**

The Department of Animal Husbandry, Dairying & Fisheries, Ministry of Agriculture, Government of India will implement National Mission for Protein Supplements (NMPS) in States during the financial year 2012-13 at an outlay of Rs. 500 crore (Rupees Five Hundred crore only) of which, Rs. 200 crore has been earmarked to encourage fisheries development. This scheme was launched during financial year 2011-12, in 12 identified states for Reservoir Fisheries development and Intensive Aquaculture in ponds & tanks at an outlay of Rs. 300 crore of which, Rs. 100 crore was earmarked for fisheries sector.

During the financial year 2012-13, a new component is introduced to expand the coverage of the NMPS scheme to all States for better growth rate and development of fisheries sector at an outlay of Rs. 200 crore in the following areas.

- 1) Reservoir Fisheries Development
- 2) Aquaculture Development through Integrated approach / Open sea cage culture.

**(1) Reservoir Fisheries Development:**

States availing funds under this component are expected to select the reservoirs in their respective States considering their potentials. States would be given 100 % grants for undertaking the following activities.

- (i) Cage culture (size of cage 6x4x4M)
- (ii) Fish seed rearing in pens and
- (iii) Creation of other post harvest infrastructure facilities such as fish landing jetties, ice plants, boats, refrigerated trucks and marketing facilities.

Since, most of the reservoirs are being managed by the Fishermen Cooperative Societies, the project may be implemented through the Fishermen Coop Societies by the State Fisheries Departments or through Public Private Partnership on 50:50 cost sharing basis wherever feasible. The Department of Fisheries of the respective States would be the nodal agency for implementation.

Unit cost per reservoir:

Sl. No	Particulars	No of units	Unit Cost (Rs in lakh)	Total cost Per reservoir (Rs.in lakh)
1	Capital cost on construction of a battery of 24 cages with facilities for shed for storage of all input and two persons to stay. (2 batteries of cages and each battery with 24 cages in each reservoir)	2 batteries per reservoir	40.00  (per battery of cages)	80.00
2	Input cost including seed, feed and other management cost	48	3.00 per cage	144.00
3.	Fish seed rearing in pens (4 pens of 2 Ha each in each reservoir)	20.00 (5x4)	5.00 Per pen	20.00
4	Creation of infrastructure and marketing facilitates	1	80.00	80.00
5.	Project implementation cost	2	10.00 Per reservoir	10.00
	Total			334.00

## **(2) Aquaculture Development through Integrated approach / Open Sea cage culture.**

During the financial year 2012-13, introduction of a new component viz Integrated approach of aquaculture system which seeks to incorporate the support and forward linkages such as (i) Hatchery (ii) Nursery (iii) Rearing (iv) Ponds (v) inputs (vi) Feed mill (vii) Infrastructure and Marketing. The unit cost of one such system has been earmarked at

Rs.250.00 lakh to expand the coverage of the scheme to all states wherever feasible. For better growth rate and development of fisheries sector, there is a need for integration of various production oriented activities such as production of quality fish seeds feed, availability of technology, post harvest and processing and marketing facilities in close vicinity where commercial aquaculture is undertaken. The concept of integration of various essential activities encourages people interested in fisheries development besides making it easy for accessing various inputs for aquaculture, post harvest processing, value addition and marketing. Cluster approach by forming groups among entrepreneurs and farmers be encouraged to adopt good and advanced aquaculture practice in hatchery and farming by private entrepreneurs. State fisheries departments would be the nodal agencies for implementation.

The indicative cost for one unit of integrated aquaculture approach project will be as under

Sl. No	Particulars	Description	Indicative Cost (Rs. in lakh)
1	Construction of fish seed hatchery	10 million Fry Capacity	15.00
2	Construction of fish nursery (Maximum of 10 ha)	@ 6 lakh per ha with 40% subsidy	24.00
3.	Input cost for seed rearing (Maximum of 10 ha)	@ 2 lakh per ha with 40% subsidy.	8.00
4	Construction of ponds (Maximum of 10 ha per beneficiary - Cluster of 40 ha per unit)	@ 5 lakh per ha with 40% subsidy.	80.00
5.	Input cost for fish production (For 40 ha)	@ 2 lakh per ha with 40% subsidy	32.00
6	Construction of feed mill plant	-	45.00
7	Establishment of infrastructure like cold storage, ice plant, insulated truck, marketing/ retail outlet.	Maximum of 10 ha per beneficiary -cluster of 40 ha per unit.	46.00
	Total cost for one whole unit		250.00

Open Sea Cage Culture as an alternative to Aquaculture Development through Integrated approach could be undertaken by all Coastal States wherever feasible and guidelines for this would be circulated separately. Depending upon the progress and performance, NFDB would supplement these efforts.

A project implementation cell has been set up involving members from Department of Animal Husbandry, Dairying and Fisheries, National Fisheries Development Board (NFDB) and Indian Council for Agriculture Research (ICAR) Institutes for overall supervision and guidance.

National Mission for Protein Supplements (NMPS) is a sub-component of Rashtriya Krishi Vikas Yojana (RKVY) and thus it would be implemented as per the procedure / guidelines of RKVY. All the States are requested to submit the self contained proposals as per guidelines to the RKVY Cell of the respective States for consideration by the State Level Sanction Committee (SLSC) headed by the Chief Secretary of the State.

**Additional Para as approved by Hon'ble Union Agriculture Minister:**

'Notwithstanding the guidelines for implementation of NMPS during 2012-13, the State Governments may take up any innovative project suitable for local conditions, to effectively demonstrate the improved technology and practice for improving productivity and production in the sector. However, at least 15 days prior to consideration of such projects by the State Level Sanctioning Committee (SLSC), a copy of such innovative projects may be sent to the Department of Animal Husbandry, Dairying and Fisheries for comments, which may be placed before SLSC along with the projects for consideration'.

**NMPS –State wise allocation for Fisheries Sector during 2012-13**

(Rs. in lakhs)

S. No	Name of the States / Implementing Agencies	Reservoir Aquaculture	Aquaculture Development through Integrated approach / Open Sea Cage Culture	Total Allocation during 2012-13
1	Andhra Pradesh	668	250	918
2	Bihar	668	250	918
3	Chhattisgarh	334	250	584
4	Goa	0	250	250
5	Gujarat	668	250	918
6	Haryana	334	250	584
7	Himachal Pradesh	668	250	918
8	J & Kashmir	334	250	584
9	Jharkhand	334	250	584
10	Karnataka	668	250	918
11	Kerala	668	250	918
12	Madhya Pradesh	668	250	918
13	Maharashtra	668	250	918
14	Orissa	668	250	918
15	Punjab	334	250	584
16	Rajasthan	334	250	584
17	Tamil Nadu	668	250	918
18	Uttar Pradesh	668	250	918
19	Uttarakhand	334	250	584
20	West Bengal	668	250	918
21	Arunachal Pradesh	334	250	584
22	Assam	334	250	584
23	Manipur	334	0	334
24	Meghalaya	334	250	584
25	Mizoram	334	250	584
26	Nagaland	334	250	584
27	Sikkim	334	250	584
28	Tripura	334	250	584
29	Puducherry	0	250	250
	<b>Total</b>	<b>13026</b>	<b>7000</b>	<b>20026</b>