

Annual Plan 2012-13 Fisheries Sector (J&K)

The State of J&K has a unique topography and diverse agroclimatic conditions which divide the State into 3 distinct agroclimatic zones viz, the tropical Jammu Division, the temperate Kashmir Valley and the cold arid zone of Ladakh. The State is bestowed with the natural water resources spread over an area of about 0.40 Lac hectares existing in the shape of cold water torrential streams, lakes, rivers, sars, springs, reservoirs besides about 250 high altitude Lakes. While the Jammu Division offers potential for development of Warm Water Fisheries, certain areas in the Districts of Kathua, Udhampur, Doda, Rajouri and Poonch also offer potential for the development of Cold water Fisheries and Mahaseer Fisheries. The Kashmir Valley including Ladakh region offers great potential for development of Cold Water Fisheries and the indigenous Ichthyofauna.

The Department of Fisheries has, during the last few years diversified its activities and in this regard various new schemes have been introduced for development of different types of Fisheries in the State. The Department made a remarkable success in the Cold Water Fisheries by enhancing the rearing and hatching capacity of various farms the notable among them being the Mother Trout Fish Farm Kokernag, Laribal, Mammer etc. For production of sufficient quantity of Trout seed and to augment its production, the Department established new trout hatcheries in Kokernag, Laribal, Harwan. At present work for the establishment of Trout hatcheries at Bejha, Tchansar, Panzath and Khagh(Budgam) is in progress and are expected to be commissioned soon. During 2012-13, six new hatcheries will be constructed under NFDB and State sector Plan at Mammer and Margund in Ganderbal district, Marhama in Kupwara district, Chake Asla Khan in Bandipora district, Phalani in Rajouri district and Ariwala in Reasi district. The existing trout units were further up-graded for increase in rearing capacity to provide saleable stock to the

local population. The new Trout rearing units have been completed and are likely to be commissioned fully in various districts like Kulgam, Shopian, Budgam, Udhampur, Bandipora, Kupwara, Kishtwar and Kathua.

For the first time in the history of State, the Department introduced trout fish culture in the private sector and under RKVY/State Sector. The Department has so far established 126 units and during 2011-12, 40 units are under construction in the private sector. The beneficiary is provided 100% financial assistance of Rs.2.00 lacs including cost of construction of raceway, feed, Seed and equipments. During the last year, most of these farmers harvested a biomass ranging from 6 quintal to 8 quintal from these units and average income has been between Rs.1.80 lacs to Rs.2.50 lacs.

The Department has already achieved success in the propagation of Carp culture in the private sector and more than 712 Carp units are already functional. During 2011-12, 188 units are under construction. The private fish farmers are earning an income of Rs.50000 to Rs.60000 per annum.

During the 2012-13 Plan, the Department has identified major thrust areas for overall development of fisheries in the State.

These include :-

1. The existing infrastructure will be further strengthened. Under this programme, emphasis will be laid to increase the hatching and rearing capacity of existing Fish Farms and Trout Hatcheries.
2. Propagation of Trout Culture in private sector.
3. Propagation of Carp Culture in private sector.
4. Development of Cold Water Fisheries in hilly areas.
5. Development of Recreational Fisheries by way of setting up of an Aquarium at Srinagar and completion of phase 2nd of Aquarium cum Awareness centre at Bagh-i-Bahu Jammu.

6. Extensive survey of areas especially in newly created districts will be conducted for establishment of new fish farming units of both Carp and Trout.
7. Sport Fisheries will be further strengthened and new trout streams will be established in the State particularly in Jammu division to increase the scope of trout angling in the State.
8. Development of high altitude lake Fisheries.
9. To provide better marketing facilities for the fishermen.

General Abstract

Sector	Outlay 2011-12	Expenditure ending 10/2011	Proposed Outlay 2012-13		
			Rev.	Capital	Total
State Sector	845.67	449.41	70.00	970.00	1040.00
Distt. Sector	281.33	74.80	0.00	310.00	310.00
Total	1127.00	524.21	70.00	1280.00	1350.00

01. DIRECTION & ADMINISTRATION:

An amount of Rs.70.00 lacs is proposed for the year 2012-13 to meet out the requirement of Salary, Office expenses and other components. Additional amount Rs.22.37 lacs is required to meet out salary and other components during 2011-12 under said scheme.

02. EXTENSION:

This activity of the department includes transfer of technology to the private sector for establishment of viable fish farming units. The department has already achieved a break-through in the transfer of technology of Carp fish farming (composite fish culture) in the private sector. This also includes transportation of quality fish seed to the fish farmers at their doorsteps.

Besides this, various Sars, Lakes, especially high altitude lakes and streams located away from human habitation shall be stocked with fast growing fish species.

An amount of Rs.25.00 lacs is proposed under this scheme during 2011-12 comprising 10.00 lacs and Rs 15.00 lacs under State and District Sector.

03. FISH FARM

To Increase Fish Seed Production of commercially important fish species like Indian Major Carps (Rohu, Catla and Mrigal & Exotic Carps like Grass Carp, Silver Carp & Common Carp).

Under this programme, new fish farms at Bohipora (Kupwara), Qoimh(Kulgam), Nanil(Anantnag), Trishal Pulwama, Sangwal Samba, Chadoora (Budgam) and Ladoora (Rafiabad) Baramulla are under construction.

Under the scheme Rs.295.00 lacs is proposed during 2012-13 comprising of Rs210.00 lacs for State Sector and Rs85.00 lacs under District Sector. An additional amount of Rs.30.00 lac is required under state sector for completion On-going works a National Fish Farm Manasbal,Kathua and Fish Farm Thanpal.

04 HATCHERIES

To increase Trout Seed production in the State by strengthening the existing units, establishment of Trout Hatcheries and new Trout rearing units.

The Department has achieved breakthrough in Trout culture with the establishment of Mother Unit viz, the Trout Fish Farming Project at Kokernag besides 37 other Trout rearing units in all the Districts of the State as a result of which the Trout seed production of the State shall increase from 4.00 million to 5.00 million while as the Trout fish Production from 195 tonnes to 250 tonnes/annum. Trout fish is readily

available to the common man at all the Trout rearing units including the special sale outlet at Gagribal.

During the year 2012-13 an amount of Rs 480.00 lacs is proposed comprising of Rs 350.00 lacs under State and Rs 130.00 lacs for District Sector. During the year 2011-12, an amount of Rs.120.00 lacs under state sector is required as an additionality for augmentation of water supply for completion /commissioning of newly constructed trout hatcheries at Tchansar (Kulgam) Panzath (Anantnag) ,Bejha (Bhaderwah) and Khagh (Budgam) besides additionality for feed and hatchery equipment

05. SURVEY AND INVESTIGATION

The private fish farmers will be provided training in fish culture practices to keep them abreast with the latest technologies in fish culture. For this purpose, extension wings will be further strengthened through out the State.

During the year 2012-13, an amount of Rs 15.00 lacs is proposed comprising of Rs6.00 lacs and Rs 9.00 lacs under State and District Sector.

06. INLAND FISHERIES

To create Mass awareness and other recreational avenues by establishing aquaria and breeding of Ornamental Fishes.

The Department has established State of Art underground Aquarium-cum-Awareness centre at Bagh-i-Bahu, Jammu and so far 13.58 lacs people has visited the project and amount of Rs.203.03 lacs has been realized by way of entry since its inauguration in July, 2007. It is first of its kind in the country. It is proposed to complete the Phase-II of the project by way of constructing Oceanarium and upgradation of existing Aquarium-cum-Awareness centre at Srinagar to boost recreational Fisheries in the State and create awareness among

the masses especially the tourists and the school going children/ students towards preservation of biodiversity.

During the year 2012-13 an amount of Rs 200.00 is proposed comprising of Rs 150.00 lacs under State and Rs50.00 lacs under District Sector.

07. PROCESSING/PRESERVATION AND MARKETING

To provide Fish to the common man in most hygienic condition for which facilities of Cold storage and preservation are to be provided under this scheme. Besides this, with increase in trout production, it has become inevitable to have facilities of cold storage. This will help the fishermen to get remunerative price of their catch/produce.

During the year, 2012-13 an amount of Rs.7.00 lacs is proposed under State sector for this scheme

08. MECHANIZATION

Under the scheme, it is envisaged to defray expenses on account of spare-parts of various Feed mills to keep them functional throughout the year.

During the year 2012-13 an amount of Rs 10.00 lacs is proposed under State Sector.

09. OTHER EXPENDITURE

Under this scheme an amount of Rs.51.00 lacs is proposed comprising of Rs.30.00 lacs under State Sector and Rs.21.00 lacs under District sector for replacement/Purchase of vehicles. An amount of Rs5.00 lacs is required as an additionality under revised plan 2011-12 as state share for purchase of vehicle for which Govt. of India has already released the central share.

10. DEVELOPMENT OF SPORT FISHERIES

Sport Fisheries (Trout Angling) has been one of the major activities of the Department for the last more than 100 years and the Trout streams of the State are regarded as the best angling spots in the

world because of their location, water quality, transparency, speed and above all the best known Sportic fish, the Brown Trout.

The Department strengthened Sport Fisheries in the State during the last few years. New Trout streams were established and opened in Districts of Kupwara, Pulwama, Baramulla, Anantnag and Budgam. The Department established a Recreational Park at Gulmarg and Sonamarg to facilitate amateur Trout fishing especially for Tourists.

The Department shall lay emphasis on development of Sport Fisheries with special emphasis on MAHASEER fishing in Jammu Division and Trout in Kashmir where ever possible. Moreover Ladakah region shall also be taken care of in this regard. For development of Sport Fisheries an amount of Rs. 12.00 lacs is proposed during 2012-13.

11. MAINTENANCE OF CAPITAL ASSETS

During 2012-13 an amount of Rs.90.00 lacs is proposed for maintenance of existing infrastructure in shape of buildings/farms/hatcheries/Aquarium and Trout rearing units etc. During 2011-12 an amount of Rs. 15.00 lacs has been proposed as an additionality in the revised plan.

12. PROPOGATION OF FISH CULTURE IN PRIVATE SECTOR INCENTIVE TO FISH FARMERS

It is proposed to propagate fish culture in the Pvt. Sector by way of motivating progressive fish farmers to establish their fish farming units. So far 712 Carp Ponds and 126 Trout ponds has been constructed and 25 new trout rearing units are under construction during current year.

During the year 2012-13, an amount of Rs. 70.00 lacs is proposed under said Scheme

Centrally Sponsored Schemes-Welfare of Fishermen

The Centrally sponsored Scheme under welfare of Fishermen is in operation in the State for the last more than a decade. Under this scheme, 2110 low cost houses for fishermen have been constructed so far and 300 houses are under construction during current year.

Similarly, under Insurance scheme, the fishermen are provided free insurance cover. So far, 208 claims have been settled and Rs. 68.00 lacs disbursed to the beneficiaries. An amount of Rs 75.00 lac is proposed as state share under this scheme during 2012-13.
