

Title -- Production of Seed for Happiness,

Category – Fisheries,

Fisheries Department of the state produces the seed of Happiness in term of fish seed in adequate quantity and achieved the status of self-sufficiency in the sector of fish seed production during year 2014-15.

Challenge -

It is well known fact that the success of fish culture depends upon the easy and local availability of pure healthy fish seed, which is a key factor for fish production. Unfortunately, the state was continuously facing the average deficit of 16.25 crore

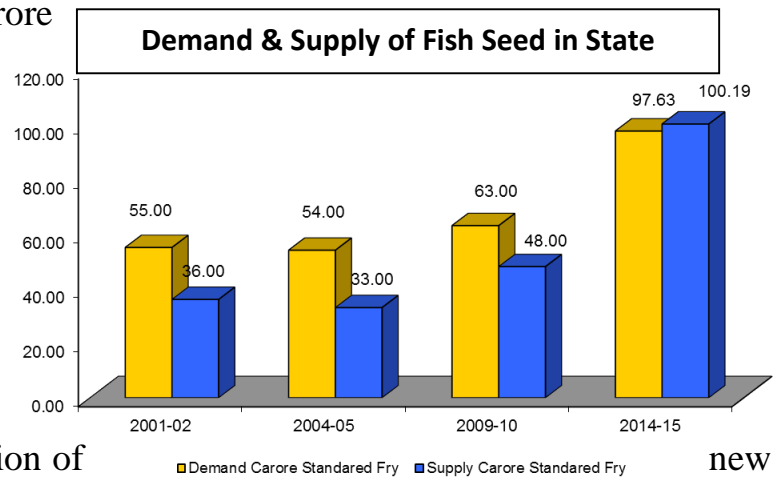
standard fish fry since year 2001 to year 2010. Demand of fish seed is continuous increasing due to latest technology, high density stocking rate of fish seed for enhancing the fish

production and construction of

water bodies. To meet out the demand of fish seed, the Department of fisheries has taken a number of innovative steps for sustainable fish seed production in Government sector but the participation of fish farmers, in production of fish seed was negligible due to non-availability of scheme for construction of rearing area to fish farmers. It was a challenge for the Department to full fill the demand of fish seed but the Fisheries Department of the state successfully faced the challenge and solved the problem up to the extent through a project under Rashtriya Krishi Vikas Yojna (RKVY) was successful to a limit.

Initiation -

A project “Construction of additional rearing area in private sector” was implemented under the Rashtriya Krishi Vikas Yojna (RKVY) for the active participation of Fishermen for production of Fish seed in the year 2011-12. As per the project provisions, cost of Rs.10.00 lakhs is fixed for construction of rearing ponds, packing cum storage shed and tube wells in 1- hectare enrich water area, of which 50 percent amounting to Rs. 5.00 lakh is to be borne by



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the beneficiary and the remaining 50 percent amount of Rs. 5.00 lakh is given as Grant under RKVY scheme.

Under the project, during the year 2010-11, 2012-13, 2013-14 and 2014-15, 182.40 hectares of fish seed rearing area was constructed by the fishermen beneficiaries with a total cost of Rs.crores and the beneficiaries were directly benefited from the work of fish seed production.



Construction of Rearing ponds and Packing shed under RKVY, Village Milauda, Katangi Road, Distt Jabalpur M.P.

The arrangements for training related to fish seed production and input was made by the department from other departmental schemes, so that beneficiaries could successfully complete the overall work of fish seed production.

Key Results -

In the year 2009-10, only 47.91 crores of standard fry fish seed could be produced against the requirement of 63 crores of standard fry fish seed i.e. there was a shortfall of 15.09 crores of standard fry. Due to the increasing popularity of fisheries in the State, requirement of fish seed increased to 97.63 crores standard fry by the year 2014-15.



Rearing Pond, Village Gwari, Block Patan, Distt Jabalpur

During the year 2014-15, in state total 100.19 crore standard fry fish seeds were produced with the participation of the production of 27.30 crore standard fry fish seed by the RKVY beneficiaries. Thus, 2.56 crores standard fry fish seeds were produced in excess of requirement of fish seeds. It is remarkable that State could become self-reliant in the field of fish seed

production due to the implementation of the project, “Construction of additional rearing area in private sector”

Impact -

For the last 10 years since 2001-02, there was a shortage of fish seed in the state due to the negligible participation of fishermen in the production of fish seed culture.

A total of 182.40 hectare rearing water area was constructed after implementation of Construction of additional rearing area in private sector under the RKVY scheme during the four years of 2011-2012 to 2014-15 by the Fishermen, with an average production of 23.66 crore standard fry fish seeds every year and sale to the local fish farmer and earned average income of 2.36 crore per year.

The local fishermen stock the 23.66 crore fish seed in their ponds and average of 4735 mt per annum fish was produced, which enabled beneficiaries to earn an average of Income of Rs. 47.35 crores per year.



Fishing in village tank

Due to the easy availability of healthy and pure fish seeds locally, fisherman timely stock their ponds and received more fish production resulting more income, thereby, their economic and social status increased and they were happy.

Lesson -

Since, the water areas were increased due to new construction, fish seed stocking rate was also increased with the new techniques for productivity, the spontaneous supply for fish seed requirement was a big challenge, which was resolved in the planned manner, with the involvement of the fishermen, not only the hundred percent requirement of fish seed was fulfilled but the production was also enhanced more than the requirement and the State became self-sufficient in fish seed production.

Status of Beneficiary - At a glance

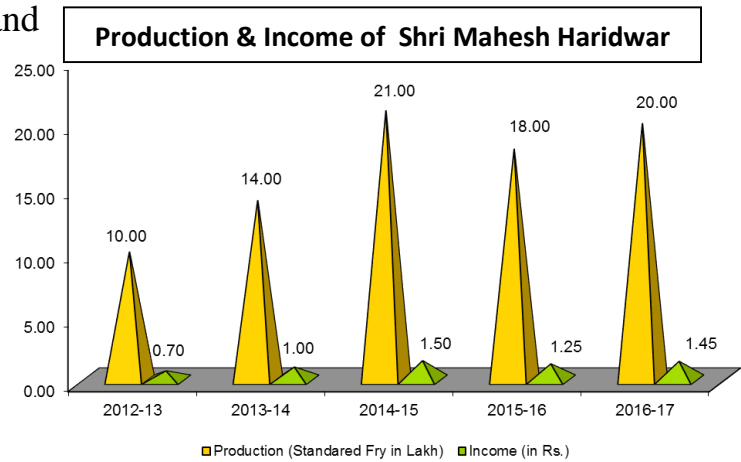
The benefits of Project Construction of additional rearing area in private sector received by Shri Mahesh Hardwar resident of Village Bithli (South Baihar), district Balaghat of the state. Mr. Mahesh is a hardworking and honest farmer who has studied upto class 8th. On the application of Shri

Mahesh, assistance of Rs. 5.00 lakh was provided to him under Rashtriya Krishi Vikas Yojna (RKVY). Balance of Rs. 5.00 lakh was arranged by the beneficiary with his own resources. Thus, Shri Mahesh, started fish seed production during the year 2012-13 itself, by constructing 10 nos. rearing ponds in one-hectare water area at a cost of Rs. 10.00 lakhs on his own private land. Shri Mahesh has produced an average of 16.60 lakh standard fry per annum during the



Construction of Rearing ponds by Shri Mahesh Haridwar

year 2012-13 to 2015-16 and earned the average income of Rs.1.18 lakhs, per year from sale proceeds of fish seeds. The production of fish seed steadily growing with the efforts and passion of Shri Mahesh. During the year 2016-17, Shri Mahesh produced 20.00 lakh standard fish seeds and earned Rs.1.45 lakh. Due to increase the financial status Shri Mahesh purchase a vehicle for transportation of fish seed, and also establish a poultry farm as subsidiary activity.



Production of Fish seed by Shri Mahesh

Shri Mahesh sold so produced fish seeds at local level to the nearest development block Paraswada, Birsa, Baihar, and farmers of 36 villages who had earned income of Rs.44.50 lakh by stocking fish seeds in 230 hectares of water area and produced about 415 mt fish.

Undoubtedly, due to implementation of project Construction of additional rearing area in private sector by the department, easy availability of healthy and pure fish seed to the local fish farmers, could be ensured and mortality rate of fish seeds was reduced due to less time involved in transportation of fish seeds. This has increased fish production and beneficiaries were benefited. We can say that the state able to produce the adequate quantity of seed for happiness with the help of RKVY Project.

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