FISHERIES DEPARTMENT
GOVERNMENT OF MIZORAM

e-BOOK | 2019-2020

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Minister Of State
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Message

It gives me immense pleasure to present this e-book highlighting the achievement of the Department of Fisheries, Government of Mizoram during 2019-2020.

The Department of Fisheries strives towards establishing Aquaculture as one of the economic backbone of the state so as to provide sustainable source of livelihood to the rural farmers whilst providing nutritional security of the people.

I like to take this opportunity to congratulate all the officers and staff of the Fisheries Department for their commendable effort and unwavering dedication to their duties and also request them to continue to strive for excellence. I believe that we can reach greater heights in uplifting the livelihood of the rural farmers.

The compilation of important achievement is an important yardstick for measuring the performance and efficiency of the Department while shortcoming and deficiencies of the Department can also be addressed based on the information. I hope that this e-book publication is beneficial for the public and the information illustrated in the compilation may be used as a ready reckoner by all authorities and stakeholders.

I laud the efforts of all personnel engaged in the successful preparation of this useful publication.

Dated: Aizawl, the 12th July 2020

(K.LALRINLIANA) 13/7/2020

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WHOS WHO

Minister	:	**Pu K.Lalrinliana**
Secretary	:	**Dr. Lalzirmawia Chhangte**
Director of Fisheries	:	**Pu F.Vanlallawma**
Joint Director of Fisheries	:	**Pi Laltleipuii**
Deputy Director of Fisheries	:	**Pu Lalrochhara**
Assistant Director	:	**Pu Lalthanzuala**

District Fisheries Development Officers:

Aizaw District	:	**Pi Zonuntluangi**
Lunglei District	:	**Pu Zohmingthanga, FEO i/c DFDO**
Siaha District	:	**Pu Lalramzawnchhuaha Khawlhring, FEO i/c DFDO**
Kolasib District	:	**Pi Lalparmawii**
Mamit District	:	**Pi Lallianpuii FEO i/c DFDO**
Lawngtlai District	:	**Pi Rosangpuii FEO i/c DFDO**
Serchhip District	:	**Pi Lucy Lalrinpuii**
Champhai District	:	**Pu Lalhmunsanga FEO i/c DFDO**

BRIEF PROFILE OF THE DEPARTMENT

The Department of Fisheries was set up during the erstwhile Union Territory of Mizoram in 1972 initially functioning as a wing under Agriculture Department and was established as full-fledged Department in the year 1993. There are eight District Offices under the Department viz. Aizawl, Lunglei, Siaha, Kolasib, Mamit, Lawngtlai, Serchhip and Champhai. The Department was initially functioning with only three District Offices namely. Aizawl, Lunglei and Chhimtuipui District till 2008 after which the other 5 District Offices are gradually established.

The Department is headed by the Director of Fisheries supported by one each of Joint Director, Deputy Director and Assistant Director in the Directorate level. The District Offices are each headed by one District Fisheries Development Officer.

OBJECTIVE: Sustainable Development of Fishery Sector in the state of Mizoram for nutritional security and livelihood support is the mission of the department with the following objectives to achieve its goals.

- To promote, facilitate and secure long term development, conservation and utilization of fishery resources based on sustainable practices to attain 11 kg per capita fish availability from the state own resources.
- Augment fish production and unit area productivity
- Ensuring safe post harvest management practices
- Strengthening Social security and welfare of fishermen/fish farmer.

ACHIEVEMENTS OF THE DEPARTMENT DURING 2019-2020:

The highlight of the achievement of the Department of Fisheries, Government of Mizoram during 2019-2020 under different schemes can be summarized as follows:-

ACHIEVEMENT UNDER STATE PROGRAMME:

Under the State flagship programme 'Socio Economic Development Policy' the State Government has taken various measures to establish aquaculture as one of the economic backbone of the State:

- ✓ 48 lakh nos. of major carps fish seeds and 50.12 lakhs nos of Common carp fish seeds have been distributed to the fish farmers at subsidized rate of 50 %.

- ✓ 11519 quintals of fish feeds has been made available for open sale to the fish farmers at 50% subsidized rate.

- ✓ To increase the production of fish seeds 800 nos. of breeding happa, 500 nos of hatching happa and 240 nos. of Nursery Dragnet has been supplied to the fish farmers at 50% subsidized rate.

- ✓ CRAB FARMING: The State Government has implemented a pilot project on Crab farming at Kolasib District to examine the economic viability of locally available species of crabs viz. Aikam and Aifiar.

CAGE CULTURE: Fish Culture in cage has been introduced during 2012 under RKVY and being maintained to enhance the production and creating sustainable livelihood and income to atleast 300 families involved in cage culture at Serlui 'B' of Bilkhawthlir, New Builum and Chawnpui, Villages in Kolasib District.

The Department is the first in the North Eastern States to successfully implement cage culture in reservoirs and has already harvested more than 70 MT of pangasius fish in the past, but due to the preference of carp fish flesh by the public during 2019-2020 under the SEDP the cages are stocked with 60000 nos. of grass carp seed in the cages as trail basis.

ACHIEVEMENT UNDER CENTRALLY SPONSORED SCHEMES:

A. CENTRALLY SPONSORED SCHEMES IMPLEMENTED BY THE DEPARTMENT

BLUE REVOLUTION SCHEME:

The Government of India scheme 'Neel Kranti Mission Plan' or 'Blue Revolution' focus on integrated development of the full potential of Fisheries in the country. The objective of the scheme is to fully tap the total fish potential of the country both in the inland and the marine sector and triple the production by 2020, to transform the fisheries sector as a modern industry with special focus on new technologies and processes, to double the income of the fishers and fish farmers with special focus on increasing productivity and better marketing post-harvest infrastructure including e-commerce and other technologies and global best innovations and thereby to enhance food and nutritional security of the country. The sharing pattern of the scheme is 54:6:40 (GOI : GOM : Beneficiaries).

The Government of India has launched a new scheme to replace the Blue Revolution Scheme entitled '***Pradhan Matri Matsya Sampada Yojana (PMMSY)*** to be implemented from 2020-2021

RKVY-RAFTAAR

The RKVY-RAFTAAR Scheme's objective is to make farming remunerative economic activity by strengthening farmer's effort, risk mitigation and promoting agri-business entrepreneurship. The RKVY-RAFTAAR will support the innovation and agri entrepreneurship development, promotion of value addition linked agri business models and involvement of youth in agriculture through various incentives to retain them in this profession with the ultimate involvement of doubling farmer's income by 2022. The sharing pattern for the North Eastern States is 90:10 between Central and State respectively.

The Department of Fisheries is implementing the RKVY-RAFTAAR Scheme under the guidance of the State Nodal Department i.e Agriculture Department (Crop Husbandry), Govt. of Mizoram.

B. ACHIEVEMENTS

1. FISH SEED INFRASTRUCTURE:

Insufficiency of quality fish seeds is one of the main problems for increasing the fish production of the state. The total requirement of fish seeds under culture sector alone is estimated to be around 440 lakh nos. out of which the state is able to produce approximately only half of the requirement from its existing infrastructure. Therefore, focus in given on increasing the fish seed infrastructure throughout the state.

HATCHERY: The perquisite for increasing fish seed production of the state is establishment of Carp Hatchery, the Department is striving to establish hatcheries at strategical locations in the state to cater to even the most remote fishing villages within the state.

During 2019-2020 2 (two) nos. of progressive farmers Kolasib and Aizawl under Blue Revolution at and 1 (one) no. under RKVY- RAFTAAR Scheme has been given assistance for construction of Carp hatchery.

FINGERLING REARING AREAS: For increasing the fish seeds availability, strengthening of Infrastructure for raising the fish seeds (spawns) produced from hatchery upto the fingerling stage that can then be released to the growing ponds of the fish farmers is vital,.

Therefore, assistance has been given to 110 nos. of selected progressive farmers for construction of fingerling rearing areas and supplied with first year inputs viz. fish feeds, nursery dragnets, Happa etc.

2. INCREASING CULTURE AREA:

Striving towards the goal of self sustainability in fish flesh and to provide sustainable livelihood to the fish farmers, the mission of the Department is to bring more and more of the potential areas under fish culture by creating new ponds and utilization of all existing water resources for fish culture.

NEW POND CONSTRUCTION: During 2019-2020 assistance is given to 150 nos. of beneficiaries throughout the state for creation of a total of 15 hectare of new ponds and supplied with the first year inputs eg. fish seeds, fish feeds, nets and gears under the Blue Revolution Scheme.

DEVELOPMENT OF WATERLOGGED AREAS: Available unutilized waterlogged areas are also developed for fish culture. During 2019-2020 a total of 3 hectare of Waterlogged areas benefiting 20 nos. of farmers was developed and supplied with first year inputs under Blue Revolution Scheme.

3. WELFARE OF FISHERMEN:

'National Scheme of Welfare of Fishermen' envisaging to provide financial assistance to fishers for construction of house, community hall for recreation and common working place and installation of tube-wells for drinking water and assistance during lean period through saving cum relief component.

Under this scheme during 2019-2020

- ✓ Assistance was given to 50 nos. of poor and needy farmers for construction of Fishermen houses.
- ✓ under saving cum relief scheme 6283 nos. of fishermen are covered under which the beneficiaries are entitled to receive Rs. 3000/- each as assistance to cover the lean period.

4. DEVELOPMENT OF ASPIRATIONAL DISTRICT (MAMIT DISTRICT) UNDER DIFFERENT SCHEME:

- ✓ Construction of 0.66 Ha of new ponds under RKVY- RAFTAAR scheme.
- ✓ Construction of 0.48 Ha of fingerling rearing area under RKVY-RAFTAAR scheme.
- ✓ Under NFDB scheme inputs such as fish seeds. Fish feeds, lime, nets etc. has been provided to Community ponds covering a total area of 10 Ha.

5. SKILL DEVELOPMENT AND CAPACITY BUILDING:

Skill upgradation and impartment of latest technology of fish farming to the fish farmers is vital for boosting the fish production of the state. The

Department has regularly conducted Skill Development and Capacity Building Programmes for the fish farmers covering different aspects of fish farming.

For providing better service to the fish farmers and better documentation of the projects the Department field staff has been provided with Water Testing Kits and GPS device under RKVY- RAFTAAR scheme.

6. FISH PRODUCTION:

The total production of fish flesh from the state own resources during 2019-2020 is estimated to be 7243.04 Tonne. The estimated per capita availability is 5.6 kg per capita against the targeted 11 kg per capita consumption.