

Installation and Demonstration of Portable Carp Hatchery for the First Time at Lower Dibang Valley by ICAR-Central Institute of Fisheries Education

With the objective to meet up the local fish seed demand, an FRP made carp eco-hatchery with a holding capacity of 25 kg broodfish and one million fish seed production per cycle was established recently at Rukmo Village at Lower Dibang Valley by Kolkata Centre of ICAR-Central Institute of Fisheries Education, Mumbai with the assistance of Krishi Vigyan Kendra (KVK), Lower Dibang Valley under NEH Scheme. This is the first portable fish hatchery installed at Lower Dibang Valley District. Moreover, for imparting the hands-on skill development on hatchery operation, seed production and fish culture to 20 fish farmers, a training-cum-demonstration programme on **Fish Breeding and Hatchery Management** commenced on 22nd August, 2023 (22-24 August 2023) for three days by Kolkata Centre of ICAR-CIFE in collaboration with the local KVK at Roing. The hatchery demonstration and hands-on training part was undertaken at Rukmo Village during the last two days.

Dr. Dilip Kumar Singh, Scientist and Dr. Gouranga Biswas, Senior Scientist, Programme Coordinators imparted the hands-on training on fish breeding and culture aspects covering composite fish culture, induced breeding and hatchery management of fish, nursery management, broodstock and larval nutrition, farm made aquafeed preparation utilizing locally available cheap feed ingredients to reduce the feed cost and analysis of water quality parameters.

Mr. Okili Linggi, the Farmers group leader and the hatchery operator from Rumko Village shared their happiness on the establishment of hatchery at his farm which will surely help in meeting up their much needed fish seed requirement in this area and finally increase the fish production of the district and the state. The training was highly appreciated with positive feedbacks from the trainees and it was published in several newspapers of the state.





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ROING, Aug 23: A training-cum-demonstration programme on hatchery operation, seed production and fish culture by Kolkata Centre of ICAR-CIFE commenced at Krishil Vigyan Kendra, Balek today. A portable fish hatchery FRP made carp eco-hatchery with a holding capacity of 25 kg broodfish and one million fish seed production per cycle was established at Rukmo Village by Kolkata Centre of ICAR-Central Institute of Fisheries Education and KVK Balek with the objective to meet up the local fish seed demand.

A total 20 fish farmers actively participated and received critical inputs for fish farming, such as water testing kit and study materials from the organizers. Jatan Pulu, a progressive fish farmer and national awardee, shared his experiences on traditional fish farming systems and urged the participants to adopt scientific fish farming practices to enhance productivity and improve their livelihood.

Dr. Gouranga Biswas, Senior Scientist, ICAR-CIFE, Kolkata Centre delivered talks on composite fish culture, breeding and hatchery management of fish. He imparted the fish induced breeding technique practically to the farmers. He also recommended use of quality, uniform and bigger size fish seeds in multiple stocking and multiple harvesting farming system to increase the fish productivity.

Dr. Dilip Kumar Singh, Scientist, ICAR-CIFE, Kolkata Centre covered the design and construction of fish hatchery, nursery management, broodstock and larval nutrition, importance of farm made aquafeed utilizing locally available cheap feed ingredients to reduce the feed cost. He also practically demonstrated preparation of fish feed and analysis of water quality parameters, and recommended application of agricultural lime to reclaim the acidic soil and water of Lower Dibang Valley.

Dr. Deepanjali Deori, Senior Scientist and Head, KVK, Balek expressed that the establishment of hatchery would immensely benefit fish farmers who lack knowledge on scientific fish farming and meet up the fish seed demand to improve their livelihood by adopting modern methods of aquaculture.

Nerlyang Jamoh, Fishery Officer, briefed about various developmental schemes of the government. She appreciated the step of establishment of fish hatchery by ICAR-CIFE which will help in enhancement of fish production and urged the participants to make use of beneficial schemes for utilization of water resources and enhancement of fish production.

Jimmy Maze, Subject Matter Specialist (Fishery Science) briefed about various activities and services of KVK for the benefit of farmers.

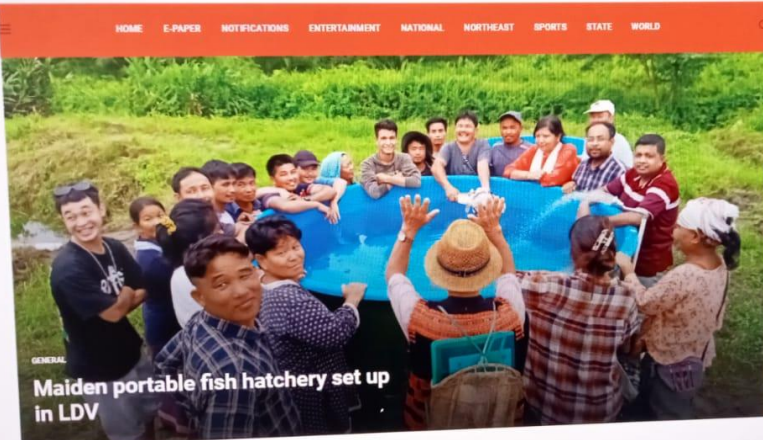
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