



ICAR-CIFA created awareness on ‘Improved variety of carps and freshwater prawn’ for enhancing farmers’ income in Assam

ICAR-CIFA organized two awareness workshops on “Improved variety of carps and freshwater prawn for enhancing farmers’ income” during 15 & 16 December 2021 for fish farmers and hatchery owners of Assam under ICAR-WorldFish collaborative project. The awareness workshops were conducted to sensitize the fish farmers, hatchery owners and other stakeholders on the importance of quality fish seed and adoption of improved variety of carps (Jayanti rohu and improved catla) and freshwater prawn (CIFA GI Scampi) in enhancing the farmer’s income. On 15 December 2021, 50 farmers participated in the workshop at Kalong Kapili, Bogibari, Kamrup, Guwahati, Assam along with Shri. Jyotish Talukdar, Director of NGO Kalong Kapili. On 16 December 2021, another 50 farmers along with MLA from Nalbari District Shri. Jayanta Malla Baruah, District Fisheries Officer, Nalbari Shri. Trailokya Saloi and Shri. Debajit Barman, proprietor of Debajit farm attended the program. NGO Kalong Kapili and Debajit Farm are the multiplier units of Jayanti rohu in Assam.

On 15th December 2021, during the awareness workshop at Kalong Kapili, Mr. Jyotish Talukdar shared his valuable experience on culture of genetically improved rohu (Jayanti) with fellow farmers and thanked ICAR-CIFA for selecting his NGO as multiplier unit for dissemination of Jayanti rohu in Assam which helped him to spread the improved fish variety to hundreds of local farmers. On 16th December during the awareness workshop at Nalbari, Mr. Barman shared his experience on culture of genetically improved rohu (Jayanti) with fellow farmers. He mentioned that he has disseminated the Jayanti rohu to the thousands of farmers from nearby areas and also to north eastern states such as Tripura, Meghalaya, Manipur, and Arunachal Pradesh. He also shared his experience of integrated fish farming with duck, pig and poultry with farmer.

Dr. K. D Mohapatra, Principal Scientist, FGBD, ICAR-CIFA gave a detailed presentation on “Jayanti rohu for higher production and income’. She discussed about the selective breeding of genetically improved rohu, economic benefits that can be gained by the culture of Jayanti rohu and importance of quality seed production. She emphasized on the adoption of genetic norms/guidelines in the hatchery to prevent the consequences of inbreeding in aquaculture. Dr. Bindu R. Pillai, head of Division, ICAR-CIFA delivered a lecture on “Genetically improved freshwater prawn - Culture techniques for higher production”. She highlighted the advantages

of culturing improved prawn variety developed by ICAR-CIFA and explained in detail about polyculture of carps and prawn which has the potential to increase farmers income. Mr. Avinash Rasal, Scientist discussed about “BMP for Nursery Management of Carps”. He elaborated the importance of pre-stocking, stocking and post stocking management measures and advised the farmers to adopt the scientific management practices such as phase fertilization, supplementary feeding to increase the survival of carp spawn to fingerling.

After the lectures on various aspects of aquaculture and genetically improved carps and scampi there was a session for farmer scientist interaction where the farmers interacted with the scientists and cleared their doubts. The structured questionnaire was also discussed in detail with the farmers so that they can fill the correct information for “Performance Assessment of Genetically Improved Rohu” in Assam. The program was moderated by Mr. Avinash Rasal, Scientist, FGBD, ICAR-CIFA.



Fig.1 Scientist of ICAR-CIFA Delivering Lectures During Workshop



Fig.2 Participants from Kalong Kapili and Nalbari, Assam



Fig.3 Mr. Jyotish Talukdar and Mr. Debajit Barman sharing their experience with farmers



Fig.4 Interaction of Local MLA Shri. Jayanta Malla Baruah with ICAR-CIFA Team