



# Importance of Feeds and Feed Management in Brackishwater Aquaculture

20<sup>th</sup> February 2021

Organized by

ICAR - Central Institute of Brackishwater Aquaculture (CIBA)

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## **About ICAR-CIBA**

Central Institute of Brackishwater Aquaculture (CIBA) is one among the 101 institutes under the nation's apex body, Indian Council of Agricultural Research (ICAR), New Delhi. Under the ICAR, CIBA, established on 1st April 1987 serves as the nodal agency for research and development of brackishwater aquaculture in the country. ICAR-CIBA with a vision of environmentally sustainable, economically viable and socially acceptable brackishwater aquaculture, it is involved in R&D related to fish seeds, cost effective feeds, environment monitoring, farm and hatchery management, disease diagnosis, disease monitoring and social research etc.

## **Course Background**

Globally policymakers have recognized that aquaculture is the only option to meet the increasing demand for aquatic food products for the man's platter in coming days. India being the seventh-largest country by area is privileged to have the natural, monetary, governing and human resources to capitalise on the opportunity through sustainable production of superior aquaculture products for a competitive global marketplace. In farming of the fish, nearly 50 to 60% of the operation cost is spent for feed and feeding management. Therefore, aquaculture requires optimisation of nutrition to efficiently raise fish for the purpose of food production. Knowledge on nutrition is essential for formulating aqua feeds, which sustain best growth, good health with minimum waste output at reasonable cost for maximum profit. The Central Institute of Brackishwater Aquaculture (CIBA) is the nodal institute to cater to the needs of the brackishwater aquaculture sector in this country. In the recent past considerable progress has been made in feed development, which resulted in a mass transition from mash feeding to pelleted feeds and use of modern highly digestible extruded pellets. ICAR-CIBA has developed several such sustainable feed technologies and successfully commercialized them to commercial feed manufacturers. ICAR-CIBA has a well-equipped feed manufacturing and analytical facilities and wet laboratories of international repute for conducting fish nutrition research and feed development for all the life stages of fish and shrimp. The economics of fed aquaculture is directly controlled by the cost of feed and its biological and environmental performance in the rearing system. Still lot of research gap exist in feed development for many new and emerging aquaculture species, optimal nutritional requirements are unknown. Even in established species, access to alternative raw materials offers openings to improve the final product quality, reduce environmental footprints and lower feed costs. Considering all this gaps exist in the direction of feed technology development, ICAR-CIBA is organising this training program for the benefit of the various stakeholders in brackishwater aquaculture.

Govt. of India has set an objective to increase the fish production in the country and double the incomes of farmers. Further, under the Pradhan manthri mathsyasampada yojana (PMMSY) which has been specially formulated for the fisheries sector, targets the need for increasing farm productivity, expand areas of farming, meet international quality standards, and enhance seafood exports from India. In this context, it is highly essential to enable our shrimp farmers to tackle farm level issues, like feed management and adherence to the BMPs. To address the issues of farmers and to introduce entrepreneurship development in feed technologies, the ICAR- CIBA, Chennai is organizing a training program on 'Importance of Feeds and Feed Management in Brackishwater Aquaculture' on 20<sup>th</sup> February, 2021 under the PMMSY. The details of the training program is included in the following sections.

## Targeted audience

Shrimp farmers, Students, Technicians, and Entrepreneurs, Businessman, Start-ups etc., who are all keen to learn aquaculture nutrition and feed technology.

## Topics to be covered:

1. Aquafeeds and Feed Management in Brackishwater Aquaculture
2. Feed technologies ready for commercialization for entrepreneurs and farmers
3. PMMSY

## Importance of Feeds and Feed Management in Brackishwater Aquaculture

Organisers	Language	Date
Dr. J. Syama Dayal	Telugu	20 <sup>th</sup> February, 2021
Programme Schedule (11:00 AM to 1:30 PM)		
Subject	Speaker	Schedule
Welcome address	Dr. M. Muralidhar, SIC, Environment Unit, ICAR- CIBA, Chennai	11:00 to 11:10 AM
Aquafeeds and Feed Management in Brackishwater Aquaculture Feed technologies ready for commercialization for entrepreneurs and farmers	Dr. J. Syama Dayal, Principal Scientist, ICAR-CIBA, Chennai	11:10 AM to 12:30 PM
Soil and water quality management with special reference to Feed Management	Dr. M. Muralidhar, SIC, Environment Unit, ICAR- CIBA, Chennai	12:30 PM to 1:10 PM
PMMSY	Dr. Vinay Kumar K/J. Ashok Kumar Scientist, NGBD	1:10 PM to 1:30 PM

**Mode:** online through YouTube (NO TRAINING FEES/REGISTRATION FEES), language Telugu.

**Registration Link:** [Click here for registration](#)

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