



Date: 06.03.2021; Time: 11.00 AM to 1.00 PM

Online training cum awareness programme in “Kannada language”

Brackishwater Finfish Seed Production and Farming

Aquaculture is considered as sunrise sector in India with an annual growth rate of 7.53% in total fish production. The Gross Value Added (GVA) of fisheries and aquaculture sector in the national economy during 2018-19 stood at 1.24% of the total National GVA and 7.28% share of Agricultural GVA. Aquaculture sector has been conventionally playing a pivotal role in addressing the key global challenges of food and nutritional insecurity, poverty alleviation, sustaining economic development, providing livelihood and employment opportunities as well as fostering human well-being. The sector has immense potential to double the fishers and fish farmers' incomes as envisioned by government and usher in economic prosperity due to its diversified resources and culture models.

Presently brackishwater aquaculture is synonymous with farming of single shrimp species i.e. *Litopenaeus vannamei*. However, culture of brackishwater finfishes is emerging as promising area in brackishwater aquaculture sector, since it provides many options to farmers to choose suitable species out of diversified potential candidate species for farming practice. Species diversification is very essential for sustainability since the varying nature of brackishwater bodies in India which require different finfish species with respect to its adaptation to different salinity regime, feeding habits, growth rate etc. Availability of quality fish seed in adequate quantity is very essential to expand the brackishwater finfish culture on large scale basis for pond, pen and cage based grow out systems.

The ICAR-Central Institute of Brackishwater Aquaculture has developed a comprehensive technology packages for seed production of seabass (*Lates calcarifer*), milkfish (*Chanos chanos*), Pearl spot (*Etroplus suratensis*), Catfish (*Mystus gulio*) and brackishwater ornamental fishes such as spotted scat (*Scatophagus argus*) and silver moony (*Monodactylus argenteus*) and orange chromide (*Etroplus maculatus*). Besides ICAR-CIBA has also taken initiatives on controlled breeding of Grey mullet (*Mugil cephalus*), Mangrove red snapper (*Lutjanus argentimaculatus*) and Hilsa (*Tenualosa ilsha*). ICAR-CIBA has also demonstrated farming methods of brackishwater finfishes to popularize the finfish farming among farmers.

Govt of India has set an objective for doubling the incomes of farmers by increasing the levels of production. Further, the impetus to the fisheries sector being proposed under the Pradhan Manthri Mathsya Sampada Yojana (PMMSY) scheme highlights 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 farmers to educate on recent advances in seed production and farming of brackishwater finfishes, thus contribute to farm productivity and species diversification. These goals can be met by creating awareness and providing training to farmers on important brackishwater finfishes and their culture potential. In this regard, ICAR-CIBA proposes to conduct online training program on “Brackishwater Finfish Seed Production and Farming” for the fish famers in different states in regional languages to enhance, the knowledge on brackishwater finfish seed production and farming. Improving the knowledge at root level would help the farmers to adopt brackishwater finfish farming as livelihood income generation activity.





Topics to be covered:

- 1 Captive breeding and seed production of seabass, milkfish, pearlspot, grey mullet, brackishwater catfish, red snapper, hilsa, and ornamental fishes.
- 2 Nursery rearing practices for fingerlings / advances fingerlings production.
- 3 Grow-out culture of brackishwater finfishes in pond, pen and cage-based systems.



Target audience:

Fish farmers,
hatchery operators,
entrepreneurs,
technicians,
SHGs and
academicians



Mode: online through YouTube

Link: [Click here for Registration](#)



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