Deboning Technology for Milkfish

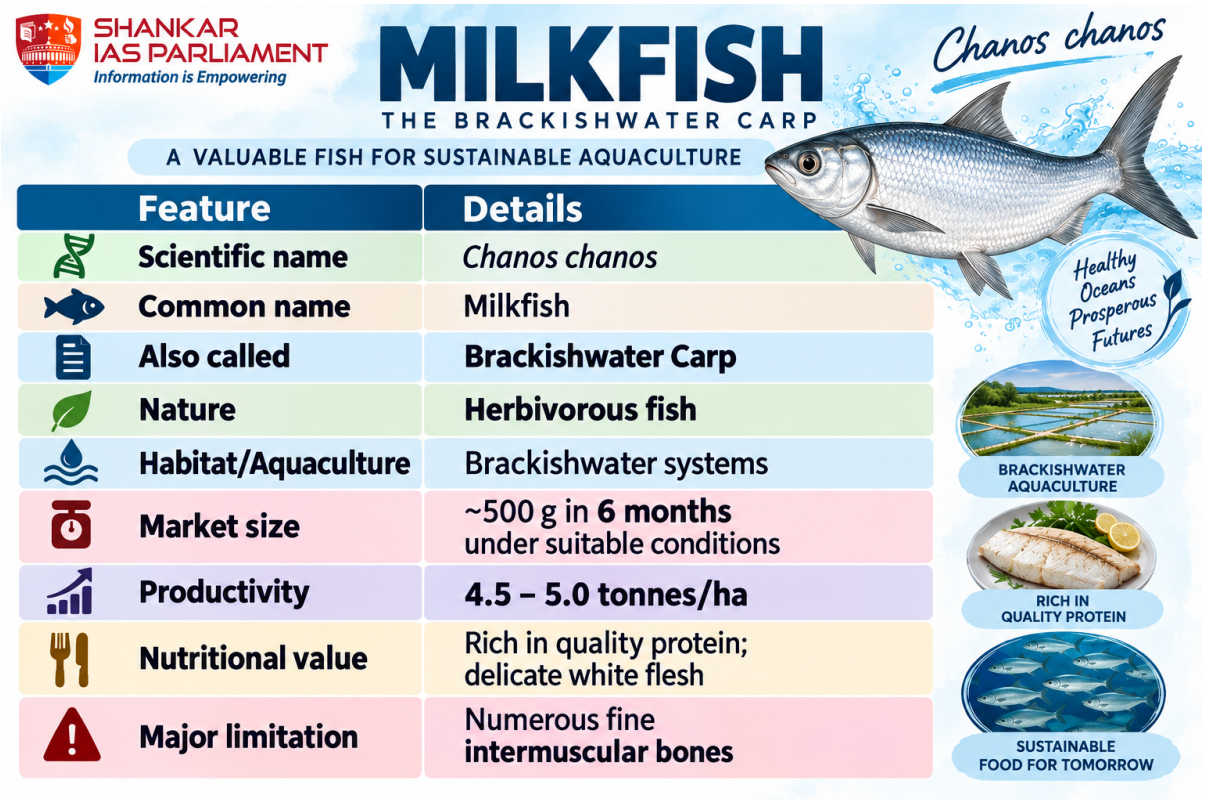
Prelims: *Current events of national and international importance | Government Policies & Intervention*

Why in News?

ICAR-CIBA, Chennai *has unveiled a* ***deboning technology for milkfish*** *to overcome its numerous fine intermuscular bones and improve consumer acceptance and value addition.*

New Deboning Technology

- **Identified Challenge –** The presence of numerous fine intermuscular bones complicates consumption and reduces overall consumer preference.
- **Proposed Solution –** The practical **deboning technique** developed by ICAR-CIBA effectively removes these bones and enables the following benefits:
  - Improved ease of consumption
  - Enhanced consumer acceptance
  - Development of ready-to-cook products
  - Production of value-added fish products
  - Increased commercial viability



- **Economic Significance**
- The average farming cost is approximately Rs.100 per kilogram.
- The farm-gate price is approximately Rs.200 per kilogram.
- Therefore, milkfish production presents significant potential for profitable diversification within brackishwater aquaculture.
- Milkfish aquaculture can generate opportunities in the following sectors:
    - Production of value-added seafood products
    - Fish processing industries
    - Entrepreneurial ventures
    - Development of seafood restaurants
    - Strengthening of farmer value chains

"Awareness-cum-Demonstration Programme on Milkfish Deboning & Value Addition held at ICAR-CIBA, Muttukadu Experimental Station"

ICAR-CIBA
• **Full form –** ICAR–Central Institute of Brackishwater Aquaculture • **Location –** Chennai, Tamil Nadu, with experimental stations including Muttukadu. • **Governing Body –** Indian Council of Agricultural Research (ICAR) • **Mandate –** To conduct research and develop technologies for brackishwater aquaculture, including finfish, shrimp, crab, feed formulation, and disease management. • **Recent Related Initiatives** - Standardization of technologies for the following species: - Blue Swimmer Crab (Portunus reticulatus) - Goldlined Seabream (Rhabdosargus sarba): Achieved the first captive breeding in India. - Pearlspot (Etroplus suratensis): Hatchery development under the Pradhan Mantri Matsya Sampada Yojana (PMMSY). - Indian White Shrimp (Penaeus indicus): Genetic improvement programme.

Reference

ICAR-CIBA | Deboning Technology to Popularize Milkfish

SHANKAR IAS PARLIAMENT
Information is Empowering