

## Simple Steps, Big Impact

### ❖ Feeding Frequency

For optimal growth, feed your fingerlings consistently, 3 times a day. This regular feeding schedule ensures a steady supply of nutrients, supporting their rapid growth.

### ❖ Feeding Amount

Offer your fingerlings 5-8% of their body weight in AMRIT feed each day. Adjust this amount based on their growth and appetite to ensure they receive sufficient nutrition without overfeeding.

### Why AMRIT is the Smart Choice

RESHMEEN AMRIT is the result of extensive research and development, ensuring a high-quality feed that fuels the healthy growth of your fingerlings. It is the smart choice for farmers seeking to maximize the potential of their ponds and unlock the peak performance of their fish. With its balanced nutrition, extended feeding time, high palatability, and impressive feed conversion ratio, AMRIT sets the stage for your fingerlings to reach their full potential.



### Acknowledgment

We sincerely acknowledge the financial support rendered by Central Silk Board (Project Code : BPS 01013 CN), Ministry of Textiles, Govt. of India.

### Contributors:

B. K. Das, D. K. Meena, K. Jena, R. Das, S. Das, J. Singh, K. Sathyanarayana, Stuti Ananta, R. Sadhukhan, T. Manna & M. A. Hassan

### Published by:



**Director**  
ICAR-CIFRI  
Barrackpore



**Director**  
CSB-CTRTRI  
Ranchi

For more information, please write to:

**The Director**

ICAR - Central Inland Fisheries Research Institute Monirampur (Post), Barrackpore  
Kolkata - 700 120, West Bengal

**Contact :**

Office : 033-25921190/91

**Director:**

033-25920177 (O), 033-25920029 (R)

Fax: 033-25920388; 033-25450997

**E-mail:**

director.cifri@icar.gov.in

director.cifri@gmail.com

**Website:**

www.cifri.res.in

# RESHMEEN AMRIT

## Unlocking the Peak Performance of Fingerlings the Product of (ICAR-CIFRI & CSB-CTRTRI) HIGH QUALITY EXTRUDED FEED



CIFRI-CTRTRI/Leaflet/2024/24(2)



भा.कृ.अनु.प.-केंद्रीय अंतस्थलीय मात्स्यिकी अनुसंधान संस्थान बैरकपुर, कोलकाता-700120, पश्चिम बंगाल

**ICAR-Central Inland Fisheries Research Institute**  
Barrackpore, Kolkata - 700120, West Bengal  
www.cifri.res.in

के.रे.बो.-केंद्रीय तसर अनुसंधान एवं प्रशिक्षण संस्थान केंद्रीय रेशम बोर्ड, वस्त्र मंत्रालय, भारत सरकार पिसका-नगरी, रांची-835303, झारखंड

**CSB-Central Tassar Research and Training Institute**  
Central Silk Board, Ministry of Textiles, Govt. of India  
Piska-Nagri, Ranchi-835303, Jharkhand



## Unlocking Nature's Treasures

Nature provides us with an abundance of resources, and we've unlocked a valuable one. Silkworm pupae meal (SWPM) is a by-product of silk production, and India, being the second-largest silk producer, generates a significant amount of it annually (around 75,000 tons). This by-product is a nutritional powerhouse, rich in protein and essential nutrients. We've seized the opportunity to utilize SWPM for creating high-quality floating fish feed through extrusion technology, transforming waste into wealth.

## The Fingerling Growth Challenge

The fingerling stage is a critical period in the life of Carp, Pangas, and Tilapia. During this stage, their



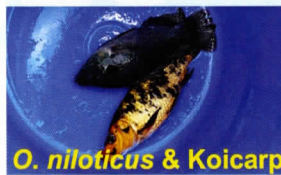
Experimental Tanks



*O. niloticus* (Fingerlings)



*L. rohita*



*O. niloticus* & Koicarp



Koicarp

Cultured System

Cultured Fish

growth and development accelerate, and providing the right nutrition is key to unlocking their full potential. RESHMEEN AMRIT is designed to meet the unique nutritional needs of fingerlings, fueling their growth journey and helping them reach their peak performance.

## Unlocking the Secrets of AMRIT's Success

### ❖ *Balanced Nutrition, Unlocked*

AMRIT offers a carefully balanced mix of protein (32%) and lipid (6%), ensuring your fingerlings receive all the essential amino acids and fatty acids they need for healthy growth. This balanced formulation provides the building blocks for strong, healthy fish.

The precise balance of protein and lipid in AMRIT is based on extensive research. Amino acids, the building blocks of protein, are essential for muscle growth and repair, while fatty acids play crucial roles in energy production and cellular function.

### ❖ *Extended Feeding, Enhanced Growth*

AMRIT is designed with a water stability of over 3 hours, giving your fingerlings extra time to feed and fully absorb nutrients. This extended feeding window ensures they can grow and thrive without missing out on essential nutrients, leading to enhanced growth and development. Water stability is a critical factor in fish feed. By extending the



feeding time, AMRIT allows fingerlings to maximize nutrient absorption, supporting their rapid growth and development.

### ❖ *Palatability, the Secret Weapon*

Our feed is formulated with high palatability, encouraging enthusiastic feeding behavior. This simple yet powerful strategy improves feed



efficiency and keeps your fingerlings happy and healthy. Palatability is not just about taste preference; it plays a crucial role in feed efficiency. When fingerlings eagerly consume AMRIT due to its appealing taste and texture, they ingest more nutrients, leading to improved growth and overall health.

### ❖ *Feed Efficiency, Maximized*

AMRIT delivers an impressive feed conversion ratio of 1.5-1.7, helping you get more value from your feed investment. It efficiently converts feed into fish growth, so you see tangible results in the form of healthy, robust fingerlings. The feed conversion ratio is a key indicator of feed efficiency. AMRIT's impressive ratio of 1.5-1.7 means that for every 1.5-1.7 kg of feed, your fingerlings will gain 1 kg of weight. This efficient conversion of feed into fish growth translates to better returns on your investment.