



ExtramTM

Provides Essential Minerals with Lysine

எக்ஸ்ட்ரமின் এক্সট্রামিন ఎక్స్ట్రామిన్ এক্সট্রামিন ଏକ୍ସট୍ରାମିନ୍

Essential minerals with Lysine for superior growth and weight gain

Vision

TIL Biosciences envisages the need for creation of a stable environment through the usage of ecofriendly healthcare products that are free from antibiotics and steroids, to sustain animal life, food chain and ecology.

Applications of ExtraminTM

- ExtraminTM nourishes shrimp with nutritive minerals essential for the exoskeleton development
- ExtraminTM improves osmoregulatory capacity in shrimp.
- ExtraminTM with its readily bioavailable minerals for the shrimp prevents soft shell and improves ABW.
- ExtraminTM recovers shrimp ponds with muscular cramps and white muscles
- ExtraminTM provides nutrients to the pond or tank water for developing optimal bloom to develop favourable phytoplankton, diatoms which form the diet of shrimp post larvae / fish fry.
- ExtraminTM induces alkaline levels required for favourable bloom development.
- ExtraminTM meets the requirement of mineral levels for successful growth of shrimp / fish at higher stocking densities.
- ExtraminTM improves alkalinity thereby results in improved colonisation of beneficial probiotic bacteria which in turn aids biofloc development.
- The biofloc developed by ExtraminTM helps in meeting the post larval feed requirements (particularly while shifting from hatchery to grow out) which improves the survival of post larvae and fish fry.
- ExtraminTM supports moulting thereby promotes growth.

- ExtraminTM is an unblemished blend of essential micro and macro minerals with Lysine for versatile usage in the animal feed industry.
- ExtraminTM is a complete solution for undernourished freshwater, low salinity, brackish water and man made ecosystems capable of developing primary productivity and also meeting the requirement of essential minerals of the cultured species.





Extramin™

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When can Extramin™ be used?

In *Penaeus monodon* and *Litopenaeus Vannamei*

Extramin™ is to be used during early days of water culture in low saline areas, lesser nutrient water areas and in chlorinated ponds.

Extramin™ can be used intermittently whenever there is a collapse in bloom.

Extramin™ can be used during the later days of culture when transparency is not able to be maintained.

In freshwater fish culture & cage culture (in lagoons, dams)

Extramin™ may be used in early days of the stocking fish fry to develop bloom development and for making natural food available in the pond thereby enhancing the survival of the newly stocked fry.

Extramin™ can be used along with the traditional or pellet feed (10 gms per kg feed) for improved growth and weight gain.

Extramin™ can be used regularly during the last 30 days of culture for more weight gain.

Dosage for *L. vannamei*

For bloom development and to enrich nutrient levels in the cultured pond water

1.5 Kg of Extramin per acre at 3 feet water depth or 3kg / acre at 5 feet water depth for 1-1.5L seeds at 5-8 water salinity in *Vannamei* shrimp culture.

Mix the required quantity in 10-30 litres of water and broadcast 3-4 metres away from the bund slope of the pond.

With feed For shrimp

Extramin™ can be used along with the feed at the rate of 5 gms per kg if the exoskeleton of shrimp is found to be brittle.

For fish

Use 20 gms of Extramin™ per Kg of feed for fish (*P. monodon* and *L. vannamei*) along with the feed for easier absorption which will yield to higher tissue conversion.

Animal Feed Supplement for use in Aquaculture only

Composition

Blend of essential and nutritive minerals with Lysine.



Manufactured by



Tablets (India) Limited

Plant 2 : 555/32, T.H. Road, Chennai - 600 081, India

Marketed by



TIL Biosciences

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Consult your aquaculture consultant or our Technical Services Executive for more information.

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