



QUANTUM BIOTICS



**EMPOWERING SHRIMP FARMERS
ENHANCING AQUA CULTURE.**



CAA Approved Antibiotic-free
Aquaculture Input

PRODUCT PROFILE



NUTRI PRO GEL

**Gel Fortified with Vitamins,
Minerals & Amino Acids**

PACKING : 20 Ltrs



Composition :

Lysine, Methionine, Vitamin B, Vitamin B3, Choline Chloride, Chelated Zinc, Chelated magnesium, Betane HCl, Protein hydrosilate, Tricarboxylic acid, Sodium Benzoic acid, Herbal Feed additives and added food grade color, flavoring agents and binding agents.

Dose :

50 ml per kg of feed or consult your aqua technician for specific use.

Direction of use :

Mix required quantity of NUTRI PROGEL with feed and allow it to shade dry for 15-20 min and broadcast uniformly throughout the pond.

NOT FOR HUMAN CONSUMPTION
AQUATIC ANIMAL USE ONLY
DO NOT CONTAIN ANTIBIOTICS
STORE IN COOL AND DRY PLACE
AVOID FROM DIRECT SUNLIGHT

Key Benefits:

- Improve the water stability of the feed ingredients and ensure the availability of the active ingredients to the animal.
- Vitamins and proteins present in the NUTRI PROGEL will help the animal to grow fast and healthy.
- Ensures balanced diet to the animal and make the animal immune strong.
- Improves the FCR.
- Special attractant present in Nutriprogel increases feed intake of shrimp and simultaneously herbal ingredients improves gut health.



CAA Approved Antibiotic-free Aquaculture Input
CAA/JUNE 2025/FA/08698

NUTRI GUT CARE



Feed supplements for Healthy Growth and Immune Defense

PACKING : 1 KG

Composition :

A perfect blend of probiotics, Amino Acids, Vitamins, Enzymes, Chelated Minerals, Herbal Extracts etc.

Dose :

5-10 g per kg of feed,
Twice a day or as Advised by
the Aqua Technician for Specific use.

Direction of use :

Mix required quantity of NUTRIGUT CARE with feed using NUTRIPRO GEL and allow it shade dry for 10-15 min and then broadcast throughout the pond.

Key Benefits:

- NUTRI GUTCARE is specifically designed health and nutrition formula which covers almost all the aspects of shrimp health like boosting hepatopancreas function, maintaining healthy gut and proper digestion, reduces stress, enhances immunity against infections, develops proper exoskeleton and coloration.
- Provides vitamins, amino acids, minerals to the animal and keep the animal healthy.
- Phyto-Biotics molecules of NUTRI GUTCARE helps in reducing the chance of white faeces occurrence.
- Vitamins and antioxidants present in NUTRI-GUTCARE reduce stress in shrimp and improves nonspecific immune responses.
- NUTRI GUTCARE helps in regular moulting cycle of shrimp.
- NUTRI GUTCARE stimulates proper development of exoskeleton and coloration.
- Multiple enzymes present in NUTRI GUTCARE helps in proper digestion and absorption of feed, hence improves shrimp growth, FCR and profitability.

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CAA/JUNE 2025/FA/08699



PROTOX

Highly Concentrated Water & Soil Probiotics

PACKING : 1 KG



Composition :

A perfect blend of multiple probiotic strains of *Bacillus* species and other specifically selected beneficial probiotic strains

Dose :

1 kg per acre before stocking with carbon source

500g per acre per week in regular condition

1kg per acre under treatment condition.

Feed application 5-10 g per kg of feed twice a day.

Direction of use :

Mix required quantity of PROTOX in 10-20 liters of pond water and apply uniformly throughout the pond during morning hours with switching on aerators.

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Key Benefits:

- Regular use of PROTOX stabilizes water bloom, pH and other water parameters.
- PROTOX synergistically reduce black soil formation and improves anoxic condition.
- PROTOX significantly reduces the formation of NH₃, NO₂ and H₂S.
- Specifically selected probiotic strains of PROTOX inhibit the *Vibrio* and other pathogens.
- PROTOX helps in rapid bio-degradation of organic waste hence provides an ideal environment for shrimp growth and immunity.
- For the treatment of black soil apply required quantity of PROTOX with PROXY (10kg per acre) uniformly all over the pond.



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CAA/JUNE 2025/PRO/08700



QUANTUM BIOTICS

MINZYME

Balanced mineral mixture
for Aquaculture

PACKING : 10 KG



Composition :

Minzyme is specifically selected blend of natural minerals and essential chelated trace minerals such as Ca, Mg, k, Cu, Zn, Se, Mn, Fe and numerous other essential elements with amino acids.

Dose :

Before stocking: 10-15 kg per acre.

During culture: 5-10 kg per acre per week

Direction of use :

Dissolve Minzyme in water and apply uniformly over the pond surface with switching on aerators.

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Key Benefits:

- Minzyme helps in maintaining the pH balance in the body of shrimp and fish.
- Minzyme helps in maintaining the proper osmoregulation of shrimps.
- Minzyme is useful for maintaining proper plankton blooms and improves natural food in ponds ecosystem.
- Minzyme helps in proper moulting of shrimp and the formation of exoskeleton.
- Minzyme prevents loose shell occurrence.
- Regular application of minzyme maintains pond nutrients in balanced condition thus enhances survival and growth performance of shrimp.



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CAA/JUNE 2025/FA/08697



PROXY

Soil & Water conditioner

PACKING : 10 KG

Composition :

A unique blend of probiotic strains & toxic gases absorbents with multiple beneficial sediment and water conditioners

Dose :

Before stocking: 10-15 kg per acre.

During culture: 5-10 kg per acre per week

Treatment: 10-15 kg per acre with PROTOX

Direction of use :

Mix required quantity of PROXY with sand and broadcast in feeding area as well in sludge prominent area with aerator switch on.

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Key Benefits:

- Proxy accelerates the oxidizing process of organic matter present in pond bottom.
- Proxy absorbs the harmful gases hence significantly reduces H_2S , NH_3 etc.
- Proxy improves oxygen levels at the soilwater interface and helps reducing BOD and COD hence increase carrying capacity of pond.
- Proxy helps in reducing brown & black gill infections.
- Proxy rapidly reduces black soil/sludge and makes pond bottom healthy.
- Proxy improves pond bottom condition & water quality in almost all aspects of making shrimp grow healthier and faster hence improves FCR and profitability.



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CAA/JUNE 2025/FA/08695



ASTAVIT-C

An Ultimate Immunity Booster

PACKING : 500 gram



Composition :

A unique blend of Astaxanthin with Vitamin C

Dosage:

During culture: 3-5 gm/kg feed, twice a day, with a good binder.

Critical conditions: 10-15 gm/kg feed, along with Nutrigut care, and a good binder.

Direction of use :

Mix the require quantity of ASTAVIT-C uniformly with feed, using pond water.

Coat with a good quality binder (Nutripro gel - 20ml/kg feed).

Let it dry for 10-15 minutes in a shaded area.

Broadcast the coated feed in the pond.

Key benefits:

- Enhances disease resistance in shrimp and fish.
- Reduces stress and promotes overall well-being.
- Acts as an antioxidant to prevent tissue damage.
- Improves muscle bonding in shrimp, reducing loose shell occurrence.
- Increases survival rates and induces regular molting.
- Promotes healthy growth and development.
- Reduces the impact of harmful substances on shrimp health.
- Optimizes feed conversion ratio (FCR) for improved profitability.

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SEQUIRE TAB

A BROAD SPECTRUM SANITIZER

10 GM X 500 TABLETS
5 KG PACK



Composition :

Sequiretab is a potent bio-cide that releases Chlorine Dioxide, a powerful disinfectant that effectively eliminates a wide range of aquatic pathogens, including bacteria, viruses, protozoans, fungi, and moulds.

How to Use:

- Before Stocking: Apply 1 kg/Ha/1 metre water to ensure a healthy environment for your aquatic stock.
- During Culture: Use 200-400 gm/Ha/1 metre water to maintain water quality and prevent disease outbreaks.
- For Treatment: Apply 1-2 kg/Ha/1 metre water to maintain optimal water conditions.

Application Guidelines:

- Distribute the required quantity of Sequiretab uniformly throughout the pond to ensure equal distribution.
- For optimal results, apply Sequiretab in the evening, preferably between 7-8 pm, as it is photosensitive.
- Consult your aqua culture expert for change in dosage and application guidelines for best results.

Benefits of Sequiretab:

- **Effective Pathogen Control:** Kills harmful pathogens without disrupting the biological balance of your pond ecosystem.
- **Water Sterilization:** Sterilizes pond water, creating a healthy environment for aquatic life.
- **High Oxidation Capacity:** Works efficiently at low quantities, making it a cost-effective solution.
- **Wide Range of Application:** Effective across a broad pH and salinity range, making it suitable for various aquaculture settings.
- **Dual-Action :** Not only kills pathogens but also oxidizes harmful substances like H₂S and FeS.
- **Algaecide Properties:** Helps control algae growth in late cultures.
- **Safe and Reliable:** 100% safe for use around shrimp and fish, with no negative impact on the biological environment.

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SLUDGE CARE TAB

POND SLUDGE REMOVER TABLETS

500 GM PACK



Composition :

A proven Enzymes and Pro-biotic formulation to reduce bottom Sludge which includes Bacillus, Thiobacillus and Paracoccus spp.

How to Use:

- Before Stocking: Apply 500 GM/Acre water to ensure a healthy environment for your aquatic stock.
- During Culture: Use 200-400 GM/Acre water to maintain water quality and prevent Sludge formation.
- For Treatment: Apply 1kg/Acre with Proxy 10 KG.

Application Guidelines:

- Distribute the required quantity of Sludge care tablets uniformly throughout the pond to ensure equal distribution.
- For optimal results, apply Sludge care tablets with Proxy to support super fast sludge Removal.
- Consult your aqua culture expert for change in dosage and application guidelines for best results.

Benefits of Sludge Care Tablets:

- **Breaks Down Organic Waste** Dissolves leaves, fish waste, uneaten food, and other debris at the bottom of the pond.
- **Reduces Sludge Buildup** Gradually removes sludge layers without the need to manually vacuum the pond.
- **Improves Water Clarity** Helps maintain clearer water by eliminating murky bottom waste.
- **Eliminates Foul Odors** Reduces the sulfur or rotten egg smell caused by anaerobic bacteria in pond sludge.
- **Enhances Oxygen Levels** Promotes aerobic bacterial growth, which supports healthy oxygen levels in the water.
- **Easy Application** Tablet form is simple to use just drop them directly into the pond or target areas.

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Great!.... Here's an Introduction for QUANTUM BIOTICS :

Welcome to Quantum Biotics, At Quantum Biotics, we are dedicated to revolutionizing the aquaculture sector, with a specific focus on shrimp health care products. With our innovative range of solutions, we strive to enhance the health and well-being of shrimp populations while optimizing farm productivity.

Our product line includes advanced probiotics for water and soil health, sediment conditioners that synergistically reduce sludge buildup, feed supplements packed with essential nutrition, and phytobiotics to bolster disease resistance and gut health. We understand the importance of holistic shrimp health management, and our products are designed to provide comprehensive support to shrimp farmers worldwide.

Beyond product development, our mission extends to collaboration and innovation. We actively involve shrimp farmers in our research and development processes, ensuring that our solutions are tailored to meet their evolving needs and challenges. Additionally, we are committed to forging strategic research partnerships with leading firms and labs, driving forward advancements in shrimp health and aquaculture sustainability.

Join us in our journey to redefine shrimp health care and shape the future of aquaculture.



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