



FARMING WITH PROFITS

FISH CULTURE PRODUCTS

SALEM MICROBES PRIVATE LIMITED

www.salemmicrobes.com





SALEM MICROBES PRIVATE LIMITED


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Kalinagar, Purba Medinipur-721 430,
Mobile No. 99322 73392

 Mr. Susanta Pattanayak
Ph. 97328 62131

HATCHERY PRODUCTS

M/s. Aquabios Enterprises
No: 2,3, & 5 Brigade Building,
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 Mr. S. Mathiyalahan
Ph. 94448 35500



Authorised Service provider of
NFDB AQUAONE CENTER
www.aoclabs.in



LABORATORIES &
FARMER'S
SERVICE CENTRE

GUJARAT

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SALEM MICROBES PRIVATE LIMITED

CEO's Message

Dear Farmers and Channel Partners,

It is indeed a pleasure to wish you a Healthy and Prosperous year ahead.

We all have grown with Indian Aquaculture is no doubt but we have not sustained our profits is the reality. Growth singularly can never help a business succeed without sustained profit and this needs environmental care in aquaculture business.

Salem Microbes Team is highly committed to be "a partner in progress throughout the life cycle of shrimp and fish culture" by virtue of its quality products, farm advisory services and Lab support services.

As a tradition of this company "to innovate and deliver", we have been in fore front of aquaculture to try, succeed and sometimes fail in bringing new products and services which are "bench marks" not only in India also in countries where we are present. By this way we always stay ahead of the competition in providing the best of both worlds as technology and cost effectiveness.

As technology leaders in innovative probiotic and their delivery systems, we are in the process of bringing in the best of technologies available in manufacturing and services to fulfill the customers desire of "farming with profits."

Let us all make this year a memorable one.

Dr. D.Ramesh Kumar
Chief Executive Officer

FARMING WITH PROFITS





SALEM MICROBES PRIVATE LIMITED

Vision

To excel as a trusted, socially responsible and customer driven organization providing maximum value to all stake holders "with goodness of science"

Mission

To Manufacture quality products at competitive cost and deliver effective services through technology and team work

Values and Practices

- Ethical Practices
- Professional and Transparent Management
- Customer Focus and Accountability
- Commitment to society, Safety and Environment
- Adaptability to "Change"
- Innovation and Creativity
- Emphasis on human resources development



ABOUT US

Increased environmental regulation, demand for eco-friendly inputs in food production industry to protect consumer health, minimal discharge of waste into the environment are the fundamentals upon which we in SALEM MICROBES PRIVATE LIMITED work. Established in 1999, we with a vision to exploit the goodness of science have identified "Natural Microbes" as a means to serve the community. With an unambiguously vital role played by Microbes in sustaining the environ, we have developed alternative eco-friendly strategies with their help. Our strength lies in commitment towards delivering quality hi-tech products from the point of raw materials selection to finished product to assist our customers in fulfilling their purpose. SALEM MICORBES PRIVATE LIMITED helps varied industries facing the production and sustainability problem by its innovation and expertise.

AQUACULTURE
FISHERY
ORNAMENTAL FISH
CETP & BIOREMEDIATION
SOLID WASTE COMPOSTING

SALEM MICROBES PRIVATE LIMITED is engaged in manufacturing and marketing of Feed Supplements, Feed additives, Concentrates and Microbial Cultures for the Aquaculture, Fishery, Poultry, Animal husbandry and Ornamental Fish Industry. We also specialize in customized Bio-remediation products for Environmental treatment for various types of industries. Our state of art production facilities for various products meets the ever changing demand of the buyers. Apart from our own brands, we supply customized products for all the relevant industries to support their outsourcing. We are always working towards to bring in new technologies and practices to improve the profitability of our customers.

EXPERTISE

FISH CULTURE PRODUCTS

FISH SERIES

Restore
NH Control
Salmin
Astra
OGEN powder
OGEN tabs
Raksha
Rider
Virzon aqua
Yeast 5G





RESTORE

Natural Non Toxic
Biodegradable Non Pathogenic

SOIL AND WATER PROBIOTIC FOR FISH CULTURE

Accumulation of uneaten feed and excreta creates sludge on the bottom and Turbid water above. Digestion of this unwanted matter by indigenous microbes is slow and takes dissolved oxygen away from the crop. In addition there is build up of Ammonia, Nitrites and other Toxic products. To prevent such situation RESTORE, a unique combination of microbes comes as a caretaker

This is done by Bioaugmentation of the existing microorganisms through regular addition of Active RESTORE Cultures on a regular preventive care schedules. Regular addition of RESTORE ensures Natural, harmless microbes that are trained to produce large amount digestive enzymes in the Aquatic environment. Continuous removal of organic waste and their conversion into beneficial microbes gives very little chance for the Pathogens to grow and accumulate inside the pond. Also regular digestion of organic waste by RESTORE, reduces BOD by fixing Nitrogen and creating favorable pond environment for the Fish.



CAA/F16/PRO/00185

CONTENTS:

- *Bacillus subtilis*
- *Bacillus licheniformis*
- *Bacillus megaterium*
- *Bacillus amyloliquefaciens*

COUNT:

A minimum of
2X10⁹ CFU/g

FEATURES AND BENEFITS:

- Degrades uneaten feed, excreta and excess of dead plankton.
- Prevents Black Soil formation.
- Eliminates malodor in the ponds.
- Reduces off-flavor from fish and prawns.
- Digests suspended Organic matter and clarifies water column.
- Improves water coloration by improving water quality.



RESTORE

Natural Non Toxic
Biodegradable Non Pathogenic

SOIL AND WATER PROBIOTIC FOR FISH CULTURE

HOW TO USE:

DURING POND PREPARATION:

Apply 1 kg / Acre as a single dose to degrade organic load.

DURING CULTURE, TO REDUCE OVER BLOOM: Apply 500 g / Acre every 10- 15 Days depending on Changes in Water Quality.

MODE OF APPLICATION: Add the required quantity of RESTORE to 10 L of Water, mix thoroughly, allow it to stand for not more than four hours and apply directly.

PRESENTATION: 1 kg Pouch and 20 kg Bucket.





NH CONTROL

Natural Non Toxic
Biodegradable Non Pathogenic

AMMONIA REDUCER FOR FISH PONDS

Of all the water quality parameters which affect fish, ammonia is the most important after oxygen, especially in intensive systems.

Ammonia is a colorless, odorless substance and is a major metabolic waste product from fish; this can accumulate in aquaculture systems and cause direct mortalities, a decrease in production, and increased incidence of many diseases.

In small amounts, ammonia causes stress and gill damage. Fish exposed to low levels of ammonia over time are more susceptible to bacterial infections, have poor growth and will not tolerate routine handling as well as they should. Ammonia is a killer when present in higher concentrations, and many unexplained production losses have been caused by ammonia.

Ammonia is excreted across the gill membranes and in the urine. The primary source of ammonia in aquaculture systems is fish feed. When feed is eaten by fish it is metabolized into the energy, nutrients, and proteins used for survival and growth. As with all animals, there is waste produced by these normal metabolic processes. Ammonia is the principal waste product excreted by fish.

In water, ammonia occurs in two forms, which together are called the Total Ammonia Nitrogen, or TAN. Chemically, these two forms are represented as NH_4 and NH_3 . NH_4 is called Ionized Ammonia because it has a positive electrical charge and NH_3 is called Unionized Ammonia since it has no charge. This is important to know, since NH_3 , unionized ammonia (abbreviated as UIA), is the form which is toxic to fish even at a concentration as low as 0.5 ppm at a pH above 8.3. so, it is essential and economically beneficial to maintain ammonia below this level by undertaking regular treatment of the pond with NH-CONTROL to prevent excess ammonia, than apply NH-CONTROL after mortality / red gill starts.

Adjunct to ammonia is Nitrite which is a sister of ammonia but dangerous than ammonia, it is toxic irrespective of pH of the pond even at a low concentration of 0.2 ppm. So, it is essential and economically beneficial to maintain ammonia always below the toxic levels to avoid production losses and mortality.

Periodic treatment of fish pond with NH-CONTROL implants the deammonifying bacteria into the fish pond, these are natural bacteria carefully selected to consume ammonia and nitrite into nontoxic byproducts.

Here comes NH CONTROL to keep ammonia always below the problematic toxic levels. The Deammonifying bacteria in NH CONTROL makes use of this excess ammonia and nitrite and convert them into Non-toxic byproducts. This process helps to keep the ammonia levels LOW.



CAA/F16/PRO/00186

NH CONTROL

Natural

Non Toxic

Biodegradable

Non Pathogenic

FISH CULTURE



AMMONIA REDUCER FOR FISH PONDS

CONTENTS:

- *Bacillus subtilis*
- *Bacillus licheniformis*
- *Bacillus megaterium*

COUNT:

A minimum of
2X10⁹ CFU/g

FEATURES & BENEFITS:

- Reduces Ammonia & Nitrite in pond
- Promotes Healthy Algal Bloom
- Promotes Natural feeding
- Reduces H₂S accumulation and off-flavour
- Effective over wide temperature (10°C - 40°C) and pH range (6.5 - 9)

HOW TO USE:

1 kg per Acre of pond, preferably daytime. Immerse in pond water for not more than 2 hours and apply. Use once in every 10 days to maintain optimum ammonia levels.

PRESENTATION: 1 kg pouch & 20 kg Bucket.



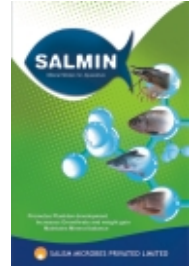


SALMIN

Double Strength

Minerals, Vitamins and Amino acids for Shrimp Culture

SALMIN contains Macro and Micronutrients which are favourable to build the disease resistance and immune response. SALMIN provides mineral mixtures which are easily digestible by Shrimps and Fishes. The available form of essential nutrients in SALMIN improves digestion, absorption leading to faster growth rate and high weight gain. SALMIN optimizes FCR and maximises productivity. SALMIN ensures development of perfect endo and exo-skeletal system of Shrimps and Fishes. SALMIN provides sufficient nutrients that support the development of plankton. SALMIN also provides essential amino acids which helps in protein synthesis.



CAA/JUN18/FA/01835

CONTENTS MINERALS

Calcium	480.00 g
Manganese	8.30 g
Iodine	1.00 g
Zinc	40.00 g
Choline	45.00 g
Iron	39.00 g
Copper	16.00 g
Cobalt	1.71 g
Magnesium	104.00 g
Sodium	30.00 g
Selenium	1.43 g
Molybdenum	0.71 g
Aluminium	55.00 g
Chromium	1.00 g
Chloride	50.00 g
Sulphate	40.00 g
Alanine	60 mg

AMINO ACIDS

Arginine	3.2 g
Aspartic Acid	80 mg
Cystine	850 mg
Glutamic Acid	120 mg
Glycine	60 mg
Histidine	15 mg
Isoleucine	2.2 mg
Leucine	4.1 mg
Lysine	3.7 g
Methionine	800 mg
Phenylalanine	27 mg
Proline	30 mg
Serine	40 mg
Threonine	3.1 g
Tryptophan	760 mg
Tyrosine	10 mg
Valine	2.38 g

VITAMINS:

Thiamine	3.00 g	Riboflavin	10.00 g
Pyridoxine	5.00 g	Pantothenate	15.00 g
Niacin	30.00 g	Vitamin A	10,00,000.00 IU
Vitamin E	10.00 g		



SALMIN

Double Strength

Minerals, Vitamins and Amino acids for Shrimp Culture

FEATURES & BENEFITS:

- Promotes the development of Phytoplankton and Zooplankton, thereby natural feeding
- Used for low saline area
- Increases the Natural feeding habits of the juvenile and makes them healthy.
- Ensures uniform Growth.
- Helps in Moulting and formation of Exoskeleton.
- Introduces all essential minerals, vitamins and amino acids.
- Provides all essential minerals and vitamins lost due to overflow.
- Controls the development of Blue Green algae and filamentous algae.
- Reduces the frequency of Water Exchange.

HOW TO USE:

- During Pond preparation: 20 kg of Salmin per Hectare of pond area of 1 meter depth.
- During Culture: 20 kg of Salmin per Hectare once in every 30 days to provide a Nutrient Balance in pond water.

PRESENTATION: 10 kg Bag



Mineral Application



ASTRA

VIRUCIDE: BACTERICIDE: ALGICIDE: FUNGICIDE

HEAVY DUTY DISINFECTANT FOR AQUACULTURE

ASTRA is a synergistic blend of 3 different potent disinfectants for use in Aquaculture systems. This combination with their own different mode of action assures the user of a fool proof disinfection in different stages of aquaculture.

ASTRA surrounds, attacks and makes the cell wall of the pathogens weak. Then it enters the cell and destroys it leading to complete destruction of the causative agent.



CAA/JUN 18/CHEM/01828

CONTENTS:

Each 1000 ml of ASTRA contains,

- Diocetyl Dimethyl Ammonium Chloride - 9 %
- Alkyl Dimethyl Ammonium Chloride - 6 %
- Gluteraldehyde - 15 %.

FEATURES:

- Broad spectrum of activity
- Non-toxic and biodegradable
- Potent Deodorizer for Ponds
- Works equally well within a wide temperature range

BENEFITS:

Astra is a confident weapon for,

- Sanitation during Pond preparation
- During Water contaminations
- To clean animal free of Algal and Fungal attachments.
- To provide support during disease treatment
- To treat External Bacterial infections and open wounds.
- For routine disinfection of the Accessories as nets, cages, aerators and feed trays.
- In hatchery, to disinfect eggs and seedings.

HOW TO USE:

250 - 500 ml / acre of pond area of 1 metre depth or as recommended by aquaculture consultant



ASTRA

VIRUCIDE: BACTERICIDE: ALGICIDE: FUNGICIDE

HEAVY DUTY DISINFECTANT FOR AQUACULTURE

APPLICATIONS:

SHRIMP - Effective against Viral, Bacterial and fungal contaminants in Water. Improves Water Quality. Promotes Molting in Hard shell diseases.

FISH - Effective against Red Disease, Dropsy, Columnaris, Bacterial Gill disease, Tail and Fin Rot, Protozoan and Fungal infections.

Hatchery - To disinfect eggs and seedlings free of Viral, Bacterial, Algal and fungal infections.

PRESENTATION: 1 L & 5 L HDPE Bottles





O GEN POWDER

OXYGEN GENERATOR AND BLACK SOIL REMOVER

O GEN Powder is a new generation Sodium Perborate based oxygen generator made specially for improving the dissolved oxygen levels in aquaculture environment.

O GEN Powder is formulated to help the farmer to overcome the sudden drop in DO of the pond. Conditions such as high organic load, sudden drop in temperature and high pH promote H_2S accumulation. Addition of O GEN Powder in these areas like near feed trays, feed track and center of the pond will provide instant relief against these shortcomings.



CAA/JUN18/CHEM/01826

CONTENTS:

Contains Sodium Perborate granules

FEATURES AND BENEFITS:

- Readily increases Oxygen level during DO drops.
- Releases Oxygen for a long duration when compared to peroxide formulations.
- Effectively Oxidizes H_2S deposits in pond bottom.
- Works under wide temperature, pH and salinity ranges.

HOW TO USE:

FOR DO problem: Apply 1000 gm/Hectare.

FOR BLACK SOIL: Mix O GEN Powder with Zeolite or sand and apply in the area of black soil formation for better results.

Broadcast the powder evenly over the pond. Do not mix with water. Keep in a cool dry place, away from moisture.



O Gen Powder application zeolite

PRESENTATION: 1 kg HDPE Bottle



O GEN TABS

OXYGEN GENERATOR AND BLACK SOIL REMOVER

O GEN Tabs is a new generation Sodium Perborate based oxygen generator made specially for improving the dissolved oxygen levels in aquaculture environment.

O GEN Tabs is formulated to help the farmer to overcome the sudden drop in DO of the pond. Conditions such as high organic load, sudden drop in temperature and high pH promote H_2S accumulation. Addition of O GEN Tabs in these areas like near feed trays, feed track and center of the pond will provide instant relief against these shortcomings.



CAA/F16/CHEM/00182

CONTENTS:

Contains Sodium Perborate tablets

FEATURES AND BENEFITS:

- Readily increases Oxygen level during DO drops.
- Releases Oxygen for a long duration when compared to peroxide formulations.
- Effectively Oxidizes H_2S deposits in pond bottom.
- More effective in less deep ponds.
- Works under wide temperature, pH and salinity ranges.
- O GEN Tabs can be easily spread to a wider area on emergency situations.
- O GEN Tabs goes directly to the pond bottom and acts on black soil and increases DO level.
- O GEN Tabs are more powerful & long acting.

HOW TO USE:

For D.O problem: Apply 100 O GEN Tabs per Acre of pond area.

For Black Soil: Mix O GEN Tabs with Zeolite or sand and apply in the area of black soil formation for better results.

PRESENTATION:

1 kg HDPE Bottle



RAKSHA

BACTERICIDE, ALGICIDE, FUNGICIDE

RAKSHA is a powerful disinfectant specialized for prevention and treatment of bacterial infections of shrimp. It can also promote good water quality, inhibit algae growth and kill fungus.

RAKSHA can be used under a wide range of pH conditions. Effective in reducing substrate odour, sludge and algae.



CAA/JUN18/CHEM/01829

CONTENTS: Alkyl dimethylbenzyl ammonium chloride - 80% with Stabilizer

FEATURES AND BENEFITS:

- Controls bacterial, fungal, algal and protozoan diseases.
- De-odourizes and purifies pond water.
- Induces molting in shrimps leading to good growth and higher yields.
- Treats external infections.

HOW TO USE:

Shrimp/Prawn ponds: 2-4 L /Ha (1 metre water depth)

Fish Ponds: 4-5 L /Ha (1 and 1/2 metre water depth)

HOW TO APPLY:

Dilute and mix required quantity of RAKSHA in day time and turn on all the paddle wheel aerators for uniform distribution.

Consult our field staff/your aquaculture specialist for specific usage and direction.

APPLICATIONS:

SHRIMP - Effective against Viral, Bacterial and fungal contaminants in Water. Improves Water Quality. Promotes Molting in Hard shell diseases.

FISH - Effective against Red Disease, Dropsy, Columnaris, Bacterial Gill disease, Tail and Fin Rot, Protozoan and Fungal infections.

Hatchery - To disinfect eggs and seedlings free of Viral, Bacterial, Algal and Fungal infections.

PRESENTATION: 5 L & 1L HDPE Bottles



RIDER

AQUACULTURE GRADE NATURAL ZEOLITE

RIDER is a combination of Natural crystalline Sodium or Calcium Aluminium Silicate compounds (HSCAS). They are specifically graded to serve Aquaculture purposes.

RIDER Zeolite provides maximum possible surface area because of its fineness, to ensure maximum binding capacity of toxic gases and by products.

These Special HSCAS Natural compounds with their High Cation Exchange Capacity Binds Hydrogen Sulphide, Sulphur dioxide and the carbonate form of Ammonia as soon as they are liberated from the Decomposing Excreta, Feed and Dead Algae in the Pond Bottom. This Binding Action creates a Healthy Pond Bottom and Favourable Water Quality for the Disease Free Growth of the Prawns and Fish.



CAA/JUN18/CHEM/01832

CONTENTS:

HSCAS Natural compounds of their High Cation Exchange Capacity

FEATURES AND BENEFITS:

- Absorbs Toxic Gases as H_2S and Ammonia from Water.
- Absorbs Bad Odour, Pathogens and Suspended wastes
- Improves Water Quality.
- Promotes Good Plankton Development.
- Cleans Pond Bottom.
- Balances pH with its high CEC Value.
- Helps to improve the Dissolved Oxygen Levels in Pond.

HOW TO USE:

For Pond Preparation: 50 kg per Hectare.

During Culture: 20 kg per Hectare.

PRESENTATION:

20 kg Bag



AQUACULTURE DISINFECTANT AND VIRUCIDE

VIRZON AQUA is a multipurpose disinfectant effective against microorganism such as virus, Gram positive and Gram negative bacteria, fungus, protozoan etc. The right combination of ingredients effects a multipronged attack on the target and ensures complete disinfection.

VIRZON AQUA starts working immediately, disinfecting once it is in solution. This is because, it uses an organic source of Chlorine, ready to disinfect instantly. By contrast, the commercial standard uses common salt as a source of chloride which requires oxidation back to before molecular chlorine can be made available for disinfection. In addition use of salt gives its corrosive properties



CAA/JUN18/CHEM/01827

Potassium monopersulphate is a powerful oxidiser used to regenerate active chlorine for destroying bacteria, virus and fungi. During disinfection chlorine attacks micro-organisms and once they are destroyed, forms a by-product which monopersulphate then converts back into SDIC, the source of active chlorine. This regenerative process that ensures VIRZON AQUA to continuously disinfect until all the monopersulphate is used up.

The presence of sulphamic acid in VIRZON AQUA serves a dual purpose. Firstly, it binds the chlorine stabilizing it and preventing the release of toxic gas. On contact with microbes, this weak bond is broken and the chlorine is free to destroy microbes without being released as a harmful gas.

The second purpose of the sulphamic acid is to act as a virucide. It creates a controlled acid solution essential for breaking down the protective casing (capsid) of viruses by acid hydrolysis. Very few disinfectants are acidic enough to destroy all classes of viruses in the way that VIRZON AQUA does.

The water softener allows the product to be used with hard or soft water, while the detergent helps VIRZON AQUA to be effective on soiled surfaces. Disinfecting with VIRZON AQUA leaves nothing to chance when it comes to protecting farms against a full spectrum of biological threats. A 1% solution VIRZON AQUA destroys viruses, bacteria and fungi within minutes protecting your animals, your farm and your profits.



AQUACULTURE DISINFECTANT AND VIRUCIDE

CONTENTS:

- Potassium Monopersulfate compound (Triple Salt)...50 %
- Sodium Dichloroisocyanurate.....5 %
- Sulfamic Acid.....QS
- Buffers, Surfactant, detergents, descalants.....QS

HOW IT WORKS?

Ingredient	Use
Potassium monopersulphate	Oxidising agent
Sodium dichloroisocyanurate (SDIC)	Chlorine source
Sulfamic Acid	Acidifier & chlorine stabilizer
Water softener	Softener & buffer to maintain acid pH
Dye / Fragrance	Unique Identifier

FEATURES:

- Rapidly dissolving powder formulation.
- Does not contain common salt which is known to be corrosive to farm buildings and equipment.
- Effective equally in Fresh and Marine water. Effective on all surfaces regardless of pH. Effective in the presence of organic matter
- Suitable for use with all disinfecting systems including fogging.
- Non-tainting, leaves no unsightly residues.
- Non-intrusive odour, no impact on animals or workers.
- Bio-degradable.

USES:

- For disinfection of reservoir pond water.
- For disinfection of grow out pond.
- For treatment of viral, bacterial, protozoan and fungal infections.
- During disease outbreak in nearby ponds.
- Disinfection of farm buildings, equipments and personal movement.



Virzon Application

HOW TO USE:

Application: Culture Ponds / Building's / Farm equipment / Water systems / Air / Feeding Systems /Transport vehicles / Animal / human foot baths / Clothing and footwear / Harvesting equipments.



AQUACULTURE DISINFECTANT AND VIRUCIDE

Cleaning and disinfecting with VIRZON AQUA

WATER DISINFECTION:

Use	Dilution Rate	Application
Reservoir pond	500 g	Apply 24 to 72 hours before pumping into culture ponds.
During pond preparation	500 g	Apply 96 hours before stocking of seeds in culture ponds to enable development of algal bloom.
During culture period	250-500 g	Every week.
After Harvest	500 g	To avoid spread of any infections during drain out

Building and Equipment disinfection:

Use	Dilution Rate	Application
Floor and other surfaces	1 % solution	300 ml per Meter square
Foot bath	1 % solution	Use in entry and exit points. Refill according to usage.
Vehicle Disinfection	0.5 % solution	300 ml per Meter square

Mixing: VIRZON AQUA (0.5 % Solution and 1% Solution):

Use	Dilution Rate	Application
Quantity - 1L	0.5% Solution - 5g	1% Solution - 10g

PRESENTATION: Each 500 Grams VIRZON AQUA

SAFETY INSTRUCTIONS

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Centre or doctor or going for treatment.



NUTRITIONAL ENRICHMENT

YEAST 5G is a live yeast blend used for nutritional enrichment in shrimp and fish culture.



CONTENT :
Saccharomyces cerevisiae

COUNT: 5×10^8 CFU/g

BENEFITS:

- Act as Starter for pond preparation
- Promotes Gut health
- Promotes Phyto and zooplankton development
- Stimulates feed intake
- Increases biofloc population



Yeast Preparation

HOW TO USE:

Pond Preparation:

250 g YEAST 5 G mixed with water along with Jaggery / Molasses, kept overnight and broadcast over pond.

Feed supplement:

250 g YEAST 5G mixed with water along with Jaggery / Molasses, kept overnight and mienxed in feed.

Presentation: 250 g pouch.



*Certified as Antibiotic-free Aquaculture inputs by,
Coastal Aquaculture Authority,
Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying,
Government of India*



S. NO.	PRODUCT NAME	CAA NUMBER
1	BAC CHECK	CAA/F16/PRO/00171
2	TOXBEAT	CAA/F16 /PRO/00172
3	SEED ONE GROWOUT	CAA/F16/PRO/00173
4	BUGBEAT	CAA/F16/PRO/00174
5	PREVENT - WFS	CAA/F16/FA/00175
6	ECO BEAT TABS	CAA/F16/PRO/00176
7	INTAKE	CAA/F16/FA/00177
8	B-YUKA 30	CAA/F16/FA/00178
9	YUKA	CAA/F16/PRO/00179
10	MACRO PS	CAA/F16/PRO/00180
11	GUT ACT PREMIUM	CAA/F16/PRO/00181
12	O GEN TABS	CAA/F16/CHEM/00182
13	GROW UP	CAA/F16/FA/00183
14	SEED ONE	CAA/F16/PRO/00184
15	RESTORE	CAA/F16/PRO/00185
16	NH CONTROL	CAA/F16/PRO/00186
17	ACUABIOTIQ	CAA/JUN 18/FA/01821
18	AQUA ONE	CAA/JUN 18/FA/01822
19	AQUA ONE 2.0	CAA/JUN 18/FA/01823
20	STEP UP	CAA/JUN 18/FA/01824
21	ESY BIND	CAA/JUN 18/FA/01833
22	MACRO M	CAA/JUN 18/FA/01834
23	SALMIN	CAA/JUN 18/FA/01835
24	BAC CHECK 2.0	CAA/JUN 18/PRO/01815
25	Bio-OD	CAA/JUN 18/PRO/01816
26	RESCUE	CAA/JUN 18/PRO/01817
27	MI-POND	CAA/JUN 18/PRO/01818
28	AMMICON	CAA/JUN 18/PRO/01819
29	AMEX	CAA/JUN 18/PRO/01820
30	O GEN POWDER	CAA/JUN 18/CHEM/01826
31	VIRZON AQUA	CAA/JUN 18/CHEM/01827
32	ASTRA	CAA/JUN 18/CHEM/01828
33	RAKSHA	CAA/JUN 18/CHEM/01829
34	SAL DE FLO	CAA/JUN 18/CHEM/01830
35	TRUDINE-20	CAA/JUN 18/CHEM/01831
36	RIDER	CAA/JUN 18/CHEM/01832
37	IMMUTRON	CAA/JUN 18/IMMU/01825
38	ENCON	CAA/JAN19/PRO/03129

INPUTS & SERVICES

Field Advisory Services and Farm Input Supplies to ensure Better culture practices that meet the requirement of biosecurity, sustainability and maximum production. We follow Antibiotic-free farming protocols.

Farming with Quality Inputs



Registered with Government authority in MALAYSIA, BANGALADESH & VIETNAM

SHRIMP HATCHERY

SEEDONE, AMMICON, AQUAKING

Probiotics for,
Enhancing Survival,
Maintaining Favourable
Microbial Population,
Continuously
reducing/removing
Ammonia and Nitrite and
Organic Pollutants.



SHRIMP NURSERY

SEEDONE, ENCON

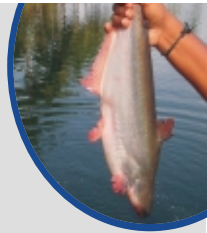
Probiotics for
Enhancing Survival,
Developing Good Biofloc,
Maintaining Favourable
Microbial Population,
Continuously reducing
Ammonia and Nitrite and
Organic Pollutants



SHRIMP GROWOUT

SEEDONE GROWOUT,
BACCHECK, BUGBEAT,
BIO OD, TOXBEAT, YUKA,
B YUCCA 30, RESCUE,
MACRO PS, BLUE BOLT,
ECO BEAT TABS, GUTACT
PREMIUM, INTAKE,
PREVENT WFS, GROWUP,
MACRO M, OGEN,
VIRZON AQUA, ASTRA,
RAKSHA, BUILDUP

Probiotics for Enhancing Seed
Survival,
Probiotic for Vibrio Control,
Non-Antibiotic Growth
Promoters,
Feed Enhancers,
Ammonia and Nitrite Reducers,
H₂S and Black soil removers,
Preventing white Fecal
Syndrome,
Minerals to Improve Muscle
Weight, Shell Quality and
Promote regular molting,
Sanitizers and Disinfectants.



FISH CULTURE

RESTORE,
NH CONTROL,
SALMIN, ASTRA,
RAKSHA, VIRZON
AQUA, RIDER, OGEN

Feed Supplements to
Improve Digestion,
Nutrients to Strengthen
animal,
Mineral Supplements to
Promote Plankton Quality
inturn Natural Feeding,
Sanitizers and Disinfectants.



LABORATORY SERVICES

We provide essential backend support on Water, Soil quality and Animal diseases diagnosis. This helps farmer and the field technicians to diagnose and control diseases, improve Production, ensure Profitability, Quality and food safety to the end consumer.



NETWORK OF 6 LABS
Authorised Service provider of
NFDB AQUAONE CENTER



SOIL ANALYSIS

pH, Total Organic Carbon(%)
Total Nitrogen, Available Phosphorus.

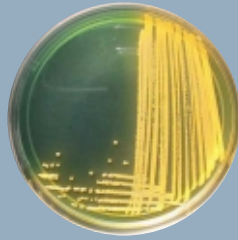
**Farming with
Realtime
Information**

WATER QUALITY ANALYSIS

Routine Water parameters such as pH, Salinity, Alkalinity (Carbonate & Bicarbonate), Hardness (Calcium & Magnesium), Total Ammonia – TAN, Un-ionized Ammonia NH₃ / Nitrite NO₂

DISEASE DIAGNOSIS

Gross examination for aquatic animal's health assessment and clinical sign of diseases.



MICROBIOLOGY

Isolation and characterization of primary pathogens in Shrimps and Fishes, Pond water and sediment in grow – out ponds. Routine direct culture, identification and total count of *Vibrio parahaemolyticus* that is mainly responsible for EMS/AHPND

VIROLOGY

POCKIT™ Nucleic Acid Analyzer is a powerful point-of-need PCR detection tool that combines advanced insulated isothermal polymerase chain reaction (iiPCR) technology. It offers an effective solution for disease surveillance like Early Mortality Syndrome / Acute Hepatopancreatic necrosis disease (EMS/AHPND), Enterocytozoon hepatopenaei (EHP), White spot Syndrome virus (WSSV)



PERFORMANCE EVALUATION, TECHNOLOGY TRANSFER AND INTERNATIONAL COOPERATION

Evaluation of Performance of Animals and Products at the field level according to Set Standards. Feasibility study to adopt New technologies and Production Practices.



CONSULTING AND TRAINING

Consulting on biosecurity and shrimp disease prevention. Organization/support for seminars, technical training courses for farmers. Aquatic disease diagnosis training for field/farm technicians.

First Time in India

TRACEABILITY PROGRAM

This Program is to Integrate the data generated by the farm and the laboratory. This help to create a comprehensive record of a farm / pond produce.

*Farming with
Traceable Records*

INTEGRATION OF LABORATORY, SERVICE AND FARM RECORD

With our Network of Lab, get the advantage of Lab results integration with their farm data in Chronological order.

FARM CERTIFICATION ADVISORY

Guidance for Farm Registration and Market driven Farm Certifications to comply with International standards.

TRACING OF FARM PRODUCE UPTO CONSUMER

First of Its kind in INDIA, a Unique Traceability support program integrating all the relevant data from the stakeholders to establish TRACEABILITY CHAIN.

