AARPY
Bio Solution

Excellence first and forever...



AN INNOVATIVE BIOTECHNOLOGY FOR SUSTAINABLE AQUACULTURE

AARPY POND PRO

CAA Registration Number

CAA/OCT 17/PRO/01176

A Complete Probiotic Supplement to Enhance The Water and Soil Quality

This product is approved by CAA

Water quality and pond bottom management are the key tools for the success of shrimp farming. Accumulation of animal excretion, uneaten feed and dead plankton leads to the formation of high organic sludge in pond bottom which deteriorate the water quality and also act as harbour for growth and proliferation of pathogenic microbes in the pond ecosystem. It is necessary to degrade the organic sludge by means of microbial enzymes which secreted by probiotic beneficial bacteria.

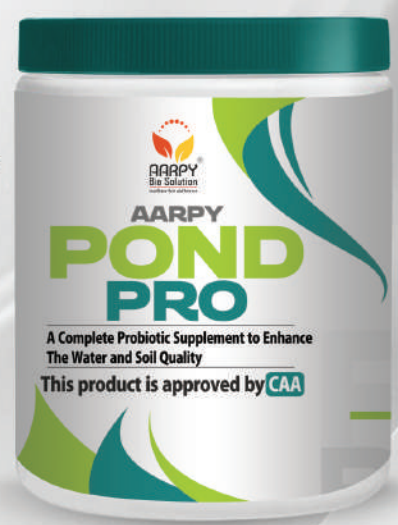
AARPY Pond Pro is a blend of unique and high potential beneficial bacterial strains which break down the organic load by enzymatic activity, prevents the development of pathogenic bacteria and provide healthy pond environment to the shrimps to grow.

COMPOSITION

AARPY Pond Pro contains 10 billion CFU/gram of probiotics. It consists of *Bacillus subtilis, Bacillus licheniformis, Bacillus pumilus, Bacillus megaterium, Thiobacillus spp, Enterococcus spp, Rhodobacter spp.* It also contains extract of *Saccharomyces cerevisiae* enzymes Amylase, Protease, Lipase and concentrated organic carbon glucose.

BENEFITS

- Effectively biodegrade the accumulated organic sludge at pond bottom
- Controls and suppress the pathogenic bacterial populations
- Maintains stable algal bloom and control over blooming and algal crash
- Eliminates the unpleasant odour from pond bottom
- Prevents disease occurrence and provide healthy pond environment to shrimps
- Helps to obtain better survival rate and minimize FCR
- Effectively controls the bioluminescent *Vibrio spp*



DOSAGE

400 gram/acre/meter water depth or as advised by aqua consultant

DIRECTION FOR USE

Dissolve 400 gram of AARPY Pond Pro in 25 liter of pond water and apply the solution uniformly throughout the pond.

PRESENTATION

500 gm

STORAGE

AARPY Pond Pro must be stored in cool, dry place and away from direct sunlight.

CAA Registration Number

CAA/OCT 17/PRO/01175

AARPY SUPER PRO

A Complete Pond management

This product is approved by CAA

Shrimp bacterial diseases cause huge economic loss to the shrimp farmers. Organic wastes in the pond bottom act as a harbour for the proliferation of pathogenic bacterial population. When the luminescent bacterial population increases, the shrimps struggles to moult and sometimes leads to mass mortality. It is very essential to arrest the Vibrio spp in the pond ecosystem.

Super pro is unique blend of probiotic bacterial culture which will effectively controls the vibrio and other bacterial population by means of competitive exclusion.

COMPOSITION

Bacillus subtilis, Bacillus licheniformis, Bacillus megaterium, Bacillus firmus, Enterococcus spp, Rhodococcus spp, Rhodobacter spp, extract of Saccharomyces cerevisiae and concentrated organic carbon source glucose. The concentration of Super Pro is minimum 10 billion CFU/gram.

BENEFITS

- Effectively controls bioluminescent Vibrio spp
- Biodegrade the organic waste and convert them as nutrients to the planktons
- Eliminates the unpleasant odours from pond bottom
- Reduce water turbidity and increase water transparency
- Decrease shrimp stress and increase the growth rate
- Controls black gill, tail rot and antenna rot

DOSAGE

250gm / Acre / 1 meter water depth

DIRECTION FOR USE

Take required quantity of Aarpy Super Pro and throw it in front of running aerator

PRESENTATION

Each 500gm container contains four 125gm water soluble pockets.



STORAGE

Aarpy Super Pro must be stored in cool, dry place and away from direct sunlight.

CAA Registration Number

CAA/NOV 2023/PRO/05655

AN ECO-FRIENDLY SOLUTIONS FOR Microcystis (Blue Green Algae)

AARPY cyanocide

AARPY CYANOCIDE

Microcystis is a bloom forming cyanobacteria commonly called as blue green normally found in freshwater and low saline water bodies. Abundance of excess nutrient (Eutrophication) in water and soil promotes the development of microcystis in shrimp ponds. Eutrophication occurs due to shrimp excretion, uneaten feed and algal crash in pond. Cyanobacteria can form scum and unpleasant odour, and it also produces toxic metabolites called microcystins. Microcystin in a hepatoxic compound which affects the functions of hepatopancreas in shrimp and the liver in fishes.

AARPY Cyanocide is specially formulated to control the blue green algae in shrimp and fish farms.

COMPOSITION

AARPY Cyanocide is a probiotic blend of ***Bifidobacterium bifidum, Bacillus subtilis, Bacillus circulans, Bacillus polymyxa, Bacillus jhonsoni and Lactobacillus helveticus*** with a concentration of10 billion CFU/gram. It also contains enzymes like amylase and protease.

BENEFITS

- Controls microcystis, dinoflagellates and other toxic algae in pond water
- Eliminates the hepatotoxic compounds from pond water
- Control over blooming and maintains stable algal blooms
- Promotes beneficial plankton like diatoms
- Improves water transparency and increase the DO level
- Improves shrimp health by controlling hepatotoxicity
- Reduces high pH
- Reduces survival loss and control FCR

PRESENTATION

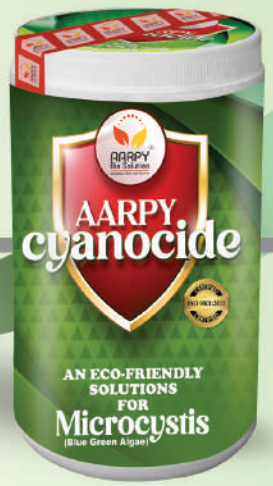
1.2kg (300g x 4 nos)

APPLICATION

Mix 300gm of AARPY Cyanocide in 25 litre of pond water and apply during morning 9-11am

STORAGE

AARPY Cyanocide must be stored in cool, dry place and away from direct sunlight.



DOSAGE

300gm/acre or as advised by aqua consultant

AARPY SOIL RICH

A Complete Supplement to
Enhance the water & Soil Quality

CAA Registration Number

CAA/FEB 2024/PRO/05738

Bottom Conditioner Sludge Digester

Pond bottom management is the key tool for the success of aquaculture production system.Maintaining good and clean pond bottom will reflect in the growth and health of the cultured species. In intensive shrimp farming system, a huge organic wastes tent to accumulate at the bottom of the pond due to shrimp excretion, uneaten feed and dead plankton. These organic wastes have to be oxidized and catalyzed and converted into micronutrients by means of biological process called microbial biodegradation by beneficial probiotic bacteria.

Composition

High concentration organic carbon glucose and 10 billion CFU/gram of selected probiotic strains of *Bacillus subtilis, Bacillus licheniformis, Bacillus pumilus, Bacillus aerius, Bacillus megaterium, Thiobacillus denitrificans and Lactobacillus acidophilus.*

Benefits

- Biodegrade the organic sludge and clean the pond bottom
- Controls ammonia, nitrite and hydrogen sulfide (H_2S)
- Provides pollution free and healthy environment to shrimps to grow
- Prevents formation of black gill and brown gill in shrimps
- Eliminates unpleasant odour from pond bottom sediments
- Controls pathogenic microbes and prevent disease occurrence

Dosage

500 gram/acre/meter water depth or as advised by aqua consultant

Direction for use

Dissolve 500 gram of SOIL RICH in 25 liter of pond water and apply the solution uniformly throughout the pond.



PRESENTATION

500 gm

STORAGE

SOIL RICH must be stored in cool, dry place and away from direct sunlight.

CAA Registration Number

CAA/APR 22/PRO/03899

IDEAL pH

FOR OPTIMUM WATER pH

pH is negative logarithm of hydrogen ion concentrations i.e. when the H+ ions increases the pH of water decreases. pH plays an important role in aquaculture and must be maintained in optimum level to increase the pond productivity. Probiotic bacterial species breakdown the high organic load and releases the H+ ion and thus the pH reduced.

Composition

It consists of probiotic beneficial bacterial strains *Bacillus subtilis, Bacillus licheniformis, Bacillus pumilus, Bacillus megaterium, Lactobacillus acidophilus, Lactobacillus acidipiscis,* high concentration of organic and inorganic carbon bicarbonates and glucose, Enzymes Amylase, Protease, Lactase and Lipase.

Dosage

I kg /acre/meter depth or as advised by aqua consultant

Direction for use

Dissolve 1 kg of Ideal pH in 25 liter of pond water and apply the solution uniformly throughout the pond.

Benefits

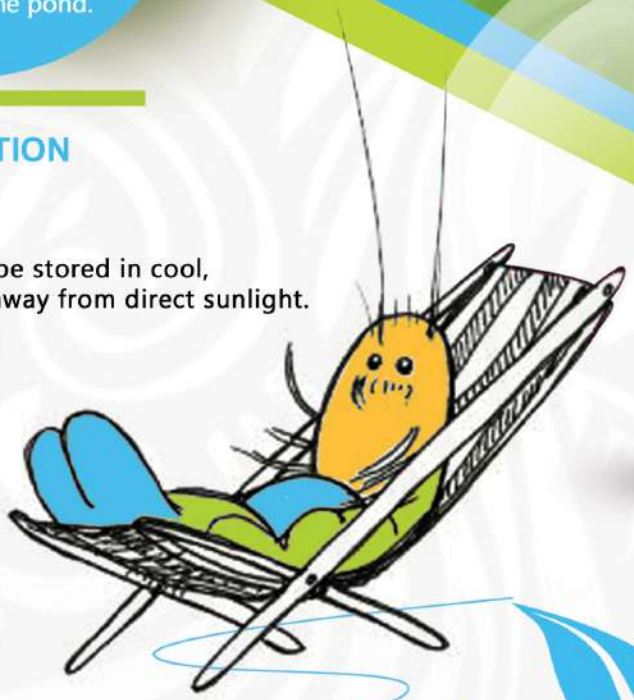
- Reduces high pH and maintain optimum pH
- Minimize the diurnal fluctuation of pH
- Controls blue green algae and over blooming
- Prevents frequent algal crash and thus reduces the organic load
- Enhances shrimp molting by maintaining stable pH

PRESENTATION

1 kg

STORAGE

Ideal pH must be stored in cool, dry place and away from direct sunlight.





elite PS

A Tool For Organic Waste Management

CAA Registration Number

CAA/APR 22/PRO/03901

ELITE - PS

In aquaculture there are considerable amount of metabolic by-product settlements in the bottom of the pond especially substances like dead algae,exoskeleton,excreta and therepeutic inputs. The high settlements .of these products leads to various ailments in shrimp

COMPOSITION

Elite PS contains ***Bacillus cereus, Bacillus subtilis,Bacillus licheniformis,Bacillus laterosporus, Lactobacillus acidophilus, pseudomonas spp,Lactobacillus amylophilus, Lactobacillus sporogenes, Nitrobacter, Nitrosomonas, Rhodococcus and Rhodobacter***

BENEFITS

- Inhibits the development of Vibrio and other pathogenic microbs
- Accelerates the decomposition of organic wastes in the pond bottom
- Eliminates the unpleasant odour from pond bottom
- Controls ammonia, nitrite and hydrogen sulphide from pond
- Promotes plankton development and maintains optimum pH
- Helps to achieve better survival and FCR
- Helps to reduce water exchange

STORAGE

Store in a cool place. Protect from sunlight

DIRECTION FOR USE

Mix 2 litre of Elite PS in 25 liter of pond water and apply the solution uniformly through out the pond



PRESENTATION

5 Ltr, 10 Ltr, 20 Ltr

DOSAGE

2 litre/acre/meter water depth or as advised by aqua consultant

CAA Registration Number

CAA/APR 22/PRO/03896

AMMO NIX

AN UNIQUE AMMONIA REDUCER

Ammonia is highly toxic to fish and shrimps and when it accumulated to its toxic level,shrimps cannot extract energy from feed. Ammonia is the main by-product of animal excretion and also generated from uneaten feed, algal crash and dead planktons. In pond water ammonia exists in two forms, ionized ammonium ion (NH_4) and unionized ammonia (NH_3) which is very toxic to shrimps.Managing ammonia is the key for the success of shrimp farming.

COMPOSITION

High potential pure strains of *Nitrosomonas spp, Nitrobacter spp, Nitrosococcus spp, Thiobacillus denitrificans, Thiobacillus thiophilus* and denitrifiers with a concentration of 10 billion CFU/gram of probiotics and enriched with high concentrates of organic carbon glucose.

BENEFITS

- Effectively reduce the ammonia, hydrogen sulfide and other obnoxious toxic gases
- Efficiently biodegrade the organic sludge and eliminate the unpleasant odours from pond bottom
- Decrease the biological oxygen demand and chemical oxygen demand
- Increase the transparency and improve DO level
- Minimize shrimps stress and increase the growth rate
- Improves the nitrification process and thus oxidize the ammonia into nitrite and nitrate

DOSAGE

500 gram/acre/meter water depth or as advised by aqua consultant.

DIRECTION FOR USE

Dissolve 500 gram of AMMO-NIX in 25 liter of pond water and apply the solution uniformly throughout the pond.





PRESENTATION

500 gm

STORAGE

AMMO-NIX must be stored in cool, dry place and away from direct sunlight.

CAA Registration Number

CAA/APR 22/PRO/03895

NITRI NIX

TOXIC NITRITE REDUCER

Nitrite (NO_2) is another form of nitrogenous compound which is formed primarily from animal excretion, uneaten feed, dead planktons and organic sludge in the pond bottom. When shrimps exposed to nitrite significantly, shrimps become more susceptible to microbial infections. Nitrite is toxic to fish as it forms Methemoglobin which affects the immune and circulatory system of animals and reduces the transfer of oxygen to cells which affects the animal growth.

COMPOSITION

It consists of 10 billion CFU/gram of probiotics with high potential pure strains *Nitrosomonas spp, Nitrobacter spp, Thiobacillus denitrificans and Thiobacillus thiophilus* added with concentrated organic carbon glucose.

BENEFITS

- Reduce nitrite by means of oxidation with nitrifiers
- Controls shrimps stress and improve the animal health
- Maintains better water quality and pond bottom
- Reduces BOD and COD and improve DO level
- Minimize disease occurrence and mortality
- Effectively promote the nitrification and de-nitrification cycle



DOSAGE

500 gram/acre/meter water depth or as advised by aqua consultant

DIRECTION FOR USE

Dissolve 500 gram of NITRI-NIX in 25 liter of pond water and apply the solution uniformly throughout the pond.

PRESENTATION

500 gm

STORAGE

NITRI-NIX must be stored in cool, dry place and away from direct sunlight.



VIB-CURE

WHITE FECES REMEDY

CAA Registration Number

CAA/OCT 17/FA/01174

AN INNOVATIVE SOLUTION FOR WHITE GUT AND WHITE FECAL PROBLEM

Currently the White Fecal Syndrome (WFS) has become an immense threat to the Indian shrimp industry as it causes huge economic loss to the shrimp farmers. WFS in shrimps arise from transformation, sloughing and aggregation of hepatopancreatic microvilli into vermiform bobies, which superficially resemble like protozoan gregarines in hepatopancreas and midgut. In high quantity of Vibrio load they result in excretion of white fecal strings.

To overcome this problem, **AARPY BIO SOLUTIONS** has formulated an innovative and unique .product named Vib-Cure

CONTENTS

Vib-Cure contains a concentration of 10 billion CFU/gram of probiotics and the strains such as *Bacillus subtilis, Bacillus licheniformis, Bacillus pumilus, Bacillus megaterium, Bacillus mesentricus, Lactobacillus acidophilus, Lactobacillus rhamnosus, Lactobacillus sporogene, and Lactobacillus plantarum.* Also contains extract of Saccharomyces cerevisiae, digestive enzymes Amylase, Protease and Lipase, herbal extract of Circimaritin, Apigenin, Omega 3 fatty acids and Vitamins Biotin, Choline, Niacin, Vitamin C and K.

BENEFITS

- Effectively controls the white fecal and white gut problems in shrimps
- Improves the feed consumption after controlling the white fecal problem
- Increase the gut micro flora with beneficial bacteria
- Prevents the entry of pathogenic bacteria into the gut
- Controls the loose shell and survival loss
- Accelerate the shrimps growth rate and minimize the FCR
- Eliminate gram negative bacterial infections

DOSAGE

During white fecal problem – Shrimp size below 15 gram

First 3 days - 10 gram/kg of feed and 2 meals/day

After 3rd day - 5 gram/kg of feed and 2 meals/day

During white fecal problem – Shrimp size above 15 gram

First 3 days - 20 gram/kg of feed and 3 meals/day

After 3rd day - 10 gram/kg of feed and 2 meals/day



PRESENTATION

500 gm

STORAGE

Vib-Cure must be stored in cool, dry place and away from direct sunlight.

AARPY SHRIMP ACTIVA



CAA Registration Number

CAA/APR 22/FA/03893

AN ADVANCED SHRIMP IMMUNOSTIMULANT

Shrimps do not have specific defense mechanism as vertebrates. As they have non-specific defense mechanism, they are more vulnerable to all kind of disease infections. It is required to resort as much as possible to the expression of their non-specific immunity.

Immunostimulants aims to strengthen the immune system of shrimps by triggering a response from their non-specific immune system. Hepatopancreas is the vital organ in shrimps which owns many functions including digestion. It is essential to fortify the strength of hepatopancreas by means of immunostimulants.

COMPOSITION

AARPY Shrimp Activa contains Beta glucans, Mono-Oligosaccharides (MOS), Antioxidants, Vitamin C, Vitamin E, Selenium, Synergetic herbal extract of *Cyanodon dactylon, Ocimum* sanctum and shrimp immunostimulants Glycoprotein, Chitin and Chitosan.

BENEFITS

- Increase the immune response of shrimps by activating the functions of phagocytic cells
- Prevents disease occurrence in shrimps
- Regulates shrimp moulting and enhance the growth
- Increase the functional activity of hapatopancreas
- Improves digestion and absorption of nutrients
- Increase shrimp survival rate and minimize the FCR
- Inactivates the viral loads in pond water



DIRECTION FOR USE
FEED APPLICATION

Dissolve 10 gram of AARPY Shrimp Activa in 50 ml of fresh water and mix the solution with 1 kg of feed. Dry the feed under shade for 20 minutes and then coat the feed with binder.

WATER APPLICATION

Mix 250 gram of AARPY Shrimp Activa with 1 kg of sand and apply throughout the pond. To avoid wastage during wind action, the sand can be made moist by adding small quantity of water.

PRESENTATION

500 gm

DOSAGE

Feed supplement - 10 gram/kg of feed
Water application - 250 gram/acre

STORAGE

AARPY SHRIMP ACTIVA must be stored in cool dry place and away from direct sunlight

Safe CROP

Solution to Prevent
EHP. RMS & EMS

CAA Registration Number
CAA/APR 22/IMMU/03894

SAFE CROP is a combination of selected plant antimicrobial compounds generally inhibit the nucleic acid synthesis leading to protein synthesis, damage DNA and the cell membrane, arrest cell wall synthesis and inactivate microbial adhesions.

It has several antibacterial herbal compounds phenolic, alkaloids, tannins and flavonoids may lysis the cell wall, block protein synthesis and DNA synthesis, inhibit enzyme secretions and interfere with signaling mechanism of the quorum sensing pathway of selected bacteria.

Antiviral herbal compounds may block the transcription of the virus to reduce replication in the host cells and enhance non-specific immunity. They also act as immunostimulants to the host immune system. In fungal species the activity of the antimicrobial herbal compounds involves cell wall lysis altering the permeability affecting the metabolism and RNA and protein synthesis of targeted pathogen

COMPOSITION

Concentrated herbal extracts of Aegelin, Allicin, Ecliptine and Cyanodin and digest enzymes include Amylase, Protease, Lactase, Trypsin and Lipase.



BENEFITS

- Minimize the probability of occurrence of WSSV outbreak significantly
- Prevents and controls EHP and other parasitic infections
- Controls running mortality and minimize survival loss
- Provides disease free environment to shrimps and ensure the crop success
- Increase the shrimp growth rate and minimize the FCR

DOSAGE

Feed application – 2 gram/kg of feed 1 meal/day during normal culture period and 3 gram/kg of feed 2 meals/day during running mortality period or as advised by aqua consultant.

- Pond application – 1 kg /acre/meter depth once in 15 days.

DIRECTION FOR USE

Feed application - Dissolve 2 gram of SAFE CROP in 50 ml of fresh water and mix the solution with 1 kg of feed. Dry the feed under shade for 20 minutes and then coat the feed with binder.

- Pond application - Dissolve 1 kg of SAFE CROP in 25 liter of pond water and apply the solution uniformly throughout the pond.

PRESENTATION

500 gm

STORAGE

SAFE CROP must be stored in cool, dry place and away from direct sunlight.



CAA Registration Number

CAA/FEB 2024/IMMU/05739

G3



Growth Promoter
Gram-Negative Pathogen Inhibitor
Gut Digestion and Absorption Enhancer



G-3 has been specially formulated for promoting shrimp growth and moulting with well balanced nutrition. It effectively prohibits the pathogenic bacterial invasion and thus enhances the immune response of shrimps. G-3 contain an unique probiotic bacterial culture which controls the white gut and white fecal problems caused by a huge amount of pathogenic Vibrio.

Composition

The concentration of G-3 is minimum 10 billion CFU/gram. It consists of beneficial bacterial strains such as *Bacillus subtilis, Bacillus licheniformis, Bacillus pumilus, Bacillus aerius, Bacillus megaterium, Lactobacillus acidophilus, Lactobacillus sporogene* and also fortified with extract of *Saccharomyces cerevisiae*, vitamins Biotin, Niacin and Vitamin C, K and digestive enzymes Protease, Amylase and Lipase.

Benefits

- *Effectively controls gram negative pathogenic bacterial infections*
- *Improves and regulate the shrimp moulting process*
- *Prevents and controls white gut and white fecal problems*
- *Significantly increase the shrimp's growth rate*
- *Helps to achieve better survival rate and minimize FCR*
- *Maintains optimum shrimp's gut pH*
- *Increase the digestive enzymes in shrimp's gut*

PRESENTATION

500 gm

STORAGE

G-3 must be stored in cool, dry place and away from direct sunlight

Dosage

10 gram/kg of feed or as advised by aqua consultant

Direction for use

Dissolve 10 gram of G-3 in 50 ml of fresh water and mix the solution with 1 kg of feed. Dry the feed under shade for 20 minutes and then coat the feed with binder. Repeat the dose 2 meals/day



EXO MOULT

A perfect Moulting Enhancer

CAA Registration Number

CAA/APR 22/FA/03898

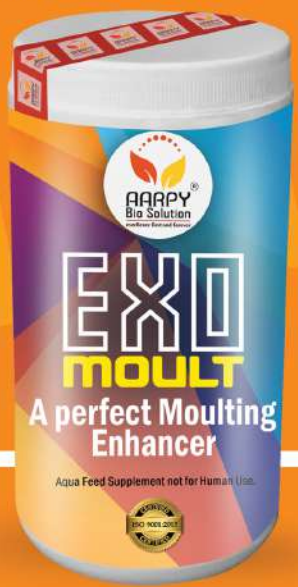
EXO-MOULT is formulated to promote moulting and growth in shrimps. It consists of micro and trace minerals, amino acids, vitamins and digestive enzymes. When the minerals administered through feed it provides adequate minerals and vitamins to shrimps and improves the growth rate and survival. It efficiently controls white muscle and muscle cramp in shrimps. The moulting cycle is the most critical and challenging phase in crustaceans physiology.

COMPOSITION

It contains minerals like Iron, Manganese, Copper, Cobalt, Zinc, Iodine and Selenium. Vitamins A, D, E, K, Thiamin, Biotin, Vitamin C, Riboflavin, Niacin and Choline. Amino acids Lysine, Methionine, Histidine, Arginine and Beta Carotene. Enzymes Protease, Amylase and Lipase.

BENEFITS

- Accelerate frequent moulting and promote better growth rate of shrimps
- Controls white muscle and blue muscle problems
- Prevents muscle cramp and control running mortality
- Increase the bioavailability of minerals to shrimps
- Maintains the ratio of minerals required for animal growth
- Reduces stress during shrimp moulting process



DOSAGE

10 gram/kg of feed or as advised by aqua consultant.

DIRECTION FOR USE

Dissolve 10 gram of EXO-MOULT in 50 ml of fresh water and mix the solution with 1 kg of feed. Dry the feed under shade for 20 minutes and then coat the feed with binder. Two meals per day are recommended during Full moon, New moon, Astami and Navami.

PRESENTATION

500 gm

STORAGE

EXO-MOULT must be stored in cool, dry place and away from direct sunlight.

AARPY SHRIMP C+

VITAMIN C+

AQUA FEED SUPPLEMENT

CAA Registration Number

CAA/FEB 2024/IMMU/05740

AARPY SHRIMP C+

AARPY SHRIMP-C+ is a heterogeneous group of organic compounds essential for the growth and maintenance of aquatic animal life.

AARPY SHRIMP-C+ (Ascorbic acid) is a micronutrient necessary for the healthy growth of shrimp and fish Vitamin c probably is the most important because it is a antioxidant and immuno modulator for shrimp and fish. collagen is a connective tissue that holds muscles, bones and other tissues together. Vitamin C is also required in wound healing to improve immune system and its functions

BENEFITS

- Provides thermostable and bioavalable ascorbic acid
- Increase in disease resistance and immunity
- Improves the function of hepatopancreas and liver
- Fecilitates collagen synthesis and wound healing
- Regulates the moult phase and helps in quick formation of exoskeleton in shrimps
- Helps in energy metabolism and tissue formation
- Enhances calcium and phosphorus absorption and utilization
- Creates collagen in the body
- Helps in increasing the overall yield

PRESENTATION

1 Kg

STORAGE

AARPY Shrimp C+ must be stored in cool, dry place and away from direct sunlight.



DOSAGE

1.5 to 2 gm/kg of feed regularly or as recommended by the Aqua consultant

CAA Registration Number

CAA/APR 22/FA/03900

FAST ACT

GROWTH PROMOTOR GEL WITH FISH MEAL

FAST ACT

FAST ACT Is a mixture of immunostimulants, Fish meal, Vitamins, Minerals, Amino acids and digestive Enzymes. Fish meal present in the fast act gives better flavour which increases the attraction towards feed. It acts as an immunity booster and builds up the disease resistance against pathogens. Due to the improvised feed attraction the feed consumption also increaces. Enzymes present in the binder enhances the digestion and absorption of feed and thus increases the growth rate. Vitamins and amino acids increase the growth and survival of shrimps

COMPOSITION

- Fish meal
- Immunostimulants - Glycoprotein, Chitin and Chitosan
- Vitamins - Biotin, Niacin, Choline, Vitamin ADEK and C
- Minerals - Iron, Zinc, Copper, Cobalt, Selenium
- Amino acids - Methionine, Lysine, Leucine and Isoleucine
- Enzymes - Amylase, Protease, Lipase, Lactase, Trypsin and Sucrase

BENEFITS

- Fast act improves the feed attraction and consumption
- Protein present is fish meal provides adequate level of dietary protein to shrimp and fish
- Stimulates the immunity of shrimp and fish
- Increases the shrimp growth rate and minimize FCR
- It can also be used without any supplement
- It can be used to mix all kind of feed supplements
- It has excellent binding compounds and binds very fast

STORAGE

FAST ACT must be stored in cool dry place and away from direct sunlight

DIRECTION FOR USE

Mix 30 ml of FAST ACT with required quantity of feed supplement and mix the binder with 1 kg of feed under shade for 20 minutes and then feed the shrimps



PRESENTATION

5 Ltr, 20 Ltr

DOSAGE

30ml/kg of feed or as advised by aqua consultant

BETTER FEED ATTRACTANT

OMEGA FATTY

CAA Registration Number

CAA/FEB 2024/FA/05741

OMEGA FATTY

OMEGA FATTY is rich in fatty acids especially Omega 3 fatty acid is a polyunsaturated fatty acid which plays a crucial role in the lipid metabolism in aquatic animals. Fish oil can be given as a feed .supplement for all stages of fish and shrimps as it could fulfill the whole requirements of lipids

COMPOSITION

Fish oil, Enzymes and antioxidants

ADVANTAGES

- Enhances the feed flavor and increase the feed attraction
- Facilitates the liquid metabolism and induces the body muscle development
- Stimulates the functions of hepatopancreas and improves the host immunity
- Controls the seed survival loss during the post larval period
- Improves growth rate and controls FCR



DOSAGE

20 - 30 ml per kg of feed or as advised by an aqua consultant

APPLICATION

Mix 20 - 30 ml of Omega Fatty in one kg of feed and dry the feed for 20 minutes

PRESENTATION

5 Ltr

STORAGE

OMEGA FATTY must be stored in cool, dry place and away from direct sunlight.

POND WATER MANAGEMENT & DISEASE PREVENTION

AARPY FISH PRO

CAA Registration Number

CAA/NOV 2023/PRO/05656

AARPY FISH PRO

Probiotics are live microorganisms. Nowadays, probiotics are becoming an integral part of the aquaculture practices to obtain high production. The common probiotics that are used for aquaculture includes Lactobacillus, Bacillus, Pseuomonus ect., The involvement of probiotics in nutrition, disease resistance and other beneficial activities in fish has proven beyond any doubt

AARPY FISH PRO produces huge amount of extracellular enzymes to degrade the organic matter and also reduces ammonia and other toxic gases

AARPY FISH PRO contains highly concentrated non pathogenic, naturally occuring beneficial multi probiotic strains. Aarpy Fish Pro is product designed to be used in fish culture to reduce the matter accumulation and improve the water quality in culture ponds

COMPOSITION

Aarpy Fish pro contains **Bacillus subtilis, Bacillus licheniformis, Bacillus megatarium, Bacillus pumilis Bacillus megaterium, Bacillus polymyxa, Lactobacillus sps,** Enzymes and active ingredients

BENEFITS

- Produces huge amount of extracellular enzymes to degrade the organic matter and also reduces ammonia and other toxic gases
- Improves water quality, growth parameters and improves FCR reduces disease incidence and mortality
- Improvement in digestion (enzymes); improvement in immune system; and source of nutrients

PRESENTATION

1x50 kg

STORAGE

Store in a cool place. Protect from sunlight

DIRECTION FOR USE

Disslove 500gm of Aarpy Fish Pro in 25Ltr pond water and apply the solution uniformly through out the pond



DOSAGE

500gm/acre/meter water depth or as recommended by the Aqua consultant

GOOD OXY

AN EXCELLENT OXYGEN RELEASER



CAA Registration Number

CAA/OCT 17/CHEM/01173

Dissolved oxygen (DO) is a critical water quality parameter in aquaculture as it determines the productivity and standing crop of the aquatic ecosystem. In shrimp culture, the DO plays a very important role in moulting and biodegradation of organic sludge. During the molting period if the DO levels are not maintained adequately, shrimps are stressed and mortality occurs when the shrimps are exposed to a prolonged low DO.

Composition:

It composed of high concentrates of Sodium Perborate, Sodium Percarbonate and Potassium Persulfate

Benefits

- - Maintains high DO level in pond water
- - Enhance shrimp moulting process
- - Oxidize the organic sludge and enhance the bacterial biodegradation
- - Effectively controls BOD and COD in pond water
- - Maintains stable algal bloom and prevent algal crash
- - Prevents black gill problem in shrimp due to high organic load

Dosage

- - I kg /acre/meter depth during full moon and new moon period or as advised by aqua consultant
- - 2 kg /acre/meter depth for higher BOD water.

Tablet

- 800gms /acre or advised by Aqua consultant

Direction for use

Mix 1 kg of GOOD-OXY with 10 kg of dry sand and apply the mixture uniformly throughout the pond





PRESENTATION

10 kg

STORAGE

GOOD-OXY must be stored in cool, dry place and away from direct sunlight.

CAA Registration Number

CAA/APR 22/FA/03897



ALTER MIN

A complete Minerals Blend for Aquaculture



Minerals play a vital role in the biological activities of aquatic animals. Minerals are considered to be very important for shrimps and fish for their osmoregulation, exoskeleton formation and body metabolism. Alter-min is a blend of macro, micro, chelated and organic minerals with hydrocarbon and amino acids fortified with probiotics

COMPOSITION

Alter-min contains macro minerals Calcium, Magnesium, Phosphorus, Sodium, Potassium, Chloride and Sulfur. Micro minerals like Iron, Manganese, Copper, Cobalt, Zinc, Iodine and Selenium in an appropriate proportion. It also enriched with probiotics *Bacillus subtilis* and Essential Amino Acid (EAA) Lysine and Methionine to facilitate the moulting phenomenon in shrimps.

BENEFITS

- Maintains adequate minerals level in pond water
- Facilitates shrimps regular moulting process and promote faster growth
- Maintains length weight relationship and enhances better growth rate
- Helps to maintain desired plankton and algal bloom in water
- Alter-min is more useful in farms which are based on bore well and low saline water
- Helps to achieve better survival and minimize FCR
- Prevents loose shell and soft shell syndrome

DOSAGE

10 kg/acre/meter water depth or as advised by aqua consultant

DIRECTION FOR USE

Dissolve 10 kg of Alter-Min in required quantity of pond water and apply the solution uniformly throughout the pond.



PRESENTATION

10 kg

STORAGE

Alter-Min must be stored in cool, dry place and away from direct sunlight.

Zoo Protocide

CAA Registration Number

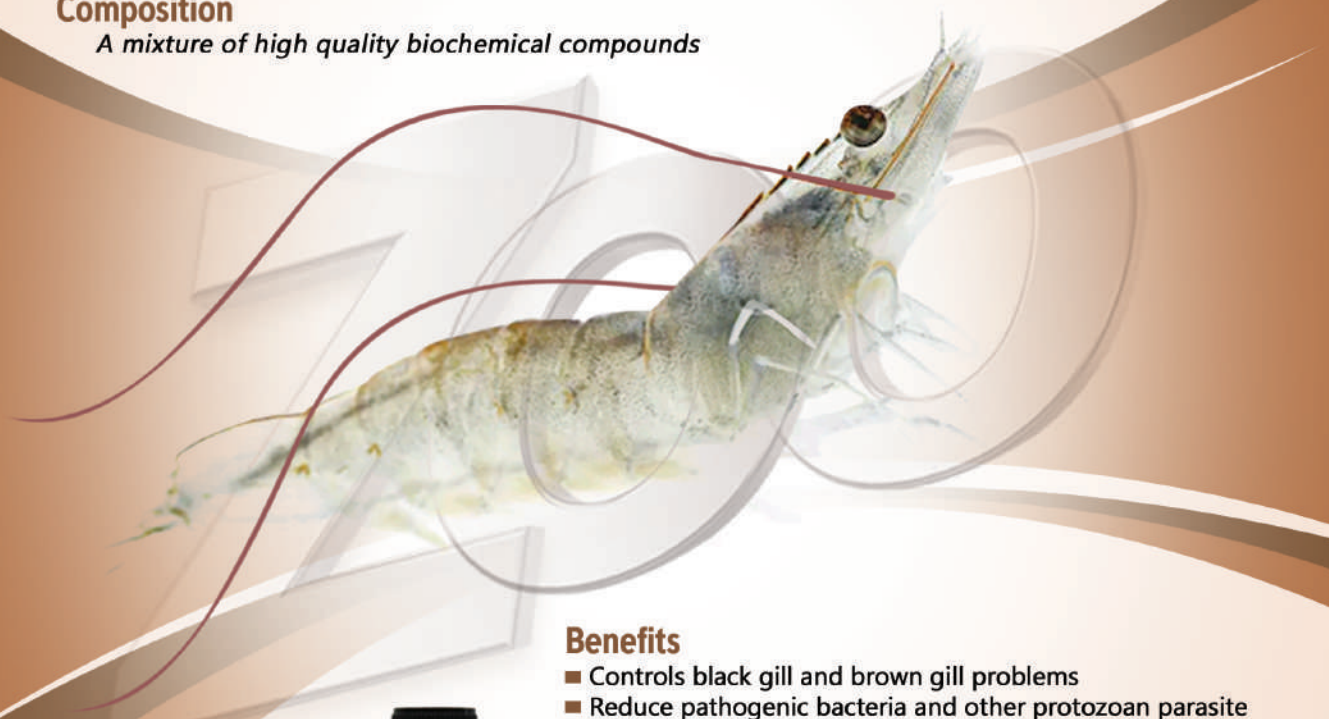
CAA/FEB 2024/DIS/05742

AN IDEAL SOLUTION FOR BACTERIAL AND PROTOZOAN GILL PROBLEM

High organic load and high pathogenic bacterial load leads to black gill and brown gill problems in shrimp aquaculture. If not treated in time, the shrimp respiration affected and leads to mortality. Protozoan parasites and fungi can also affect the gills and causes the respiratory problem to shrimps.

Composition

A mixture of high quality biochemical compounds





Benefits

- Controls black gill and brown gill problems
- Reduce pathogenic bacteria and other protozoan parasite
- Improves water quality and reduce stress
- Improves shrimps health

Dosage

400 ml/acre/meter depth or as advised by aqua consultant

Direction for use

Mix 400 ml of Zooprotocide with 40 liter of pond water and apply the solution uniformly throughout the pond water surface.

PRESENTATION

500 ml

STORAGE

Zooprotocide must be stored in cool, dry place and away from direct sunlight.

ISO 9001:2015 CERTIFIED

HACCP CERTIFIED

GMP CERTIFIED

All products are approved by CAA



AARPY Bio Solution

Excellence first and forever...

TAMIL NADU

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