

Pellucid[®]
LIFESCIENCES PVT. LTD.

Probiotics Solution for Aqua Health



Company Overview

Pellucid Lifesciences is privately owned Fermentation based company founded in the year 2013 located in the western part of India, in the state of Gujarat, in the Industrial Estate of 'Chhatral'. The company was founded with the aim to become a global player in the manufacturing and marketing of Probiotics and healthcare products for human and animal. Pellucid endeavors to provide consistent product quality and timely delivery with the state of fermentation facility and R&D .

Pellucid Lifesciences strongly believes in building quality into the products with the help of highly qualified, competent & committed resources. It strives to pave the way for balanced growth and help make way for a brighter tomorrow for the probiotics & healthcare industry, and this is possible by providing world-class products as per the customer's requirement.

Our Motto

Pellucid Lifesciences is committed to provide quality products and always adheres to established quality standards. The quest for the best quality is an ongoing process at Pellucid. Quality audits ensure regular evaluation and continuous improvement.

Pellucid Lifesciences team is committed to fulfil the spirit and intent of its quality policy across all functions.





PELLUPRO[™] NH₃

Soil Probiotics with Yucca extract for ammonia & odour reduction

COMPOSITION :

A Proprietary consortium of probiotics with *Yucca schidigera* extract and ammonia binding agent.

BENEFITS :

- Reduces ammonia and nitrites concentration in pond.
- Accelerate nitrification and denitrification process.
- Remove sludge and bad odour.
- Degrades organic waste, Increase DO level.

DOSAGE :

Apply 500 g - 1 kg/Acre before stocking and during first month of culture and 500 g - 1 kg/Acre second month onwards.

CAA REGISTRATION NUMBER: CAA/FEB 2024/PRO/05822

PRESENTATION:
500 g



PELLU-GRO

Vitamins and amino acid supplement



COMPOSITION :

Each gram contains *Bacillus coagulans*, Vitamin A, Vitamin C, Vitamin B complex, Vitamin E, Protein hydrolysate, β -Glucan, Microminerals and Essential Amino acids.

BENEFITS :

- Helps to optimize FCR.
- Helps to increase weight gain.
- Help to optimize functions of Hepatopancreas.
- Help to reduce fat deposition.
- Helps to improve cellular function.

DOSAGE :

3-5 g per kg feed or
as per recommendation of aqua culture consultant.

CAA REGISTRATION NUMBER: CAA/FEB 2024/FA/05823

PRESENTATION:

500 g





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PELLUPRO[™] AQUA

Water Probiotics for Aquaculture



COMPOSITION :

Contains Combination of 6 Different strains of *Bacillus* spp with the potency of 22×10^9 CFU/g.

BENEFITS :

- Inhibit the growth of the *Vibrio* spp.
- Regulate the pond pH.
- Help in establishing balanced gut flora.
- Reduce *Vibrio* count.
- Protects against aqua pathogens.

DOSAGE :

shrimp: 150-200 g/Acre,
High bloom problem: 250- 300 g/Acre,
For Treatment: 300-400 g/Acre,
Fish: 40-60 g/Acre of one metre water depth or
as directed by the aqua consultant.

CAA REGISTRATION NUMBER: CAA/NOV 2023/PRO/05446

PRESENTATION:

1 kg



PELLUPRO[™] MAX

Water Probiotics for Aquaculture



COMPOSITION :

Contains Combination of different strains of *Bacillus* spp. with the potency of 10×10^9 CFU/g.

BENEFITS :

- Suppresses pathogenic microbes like *Salmonella*, *Aeromonas*, *E. coli* and especially *Vibrio* count in the pond environment.
- Stabilizes pH, alkalinity and algal blooms.
- Regulate the pond pH.
- Help in establishing balanced gut flora.

DOSAGE :

For Shrimp: 400-500 g/Acre,

Treatment: 600-800 g/Acre,

For Fish: 80-120 g/Acre of one meter water depth or as directed by the aqua consultant.

Take 10-20 L of pond water, add required quantity and mix thoroughly, Apply the mix throughout the pond.

CAA REGISTRATION NUMBER: CAA/FEB 2024/PRO/05825

PRESENTATION:

500 g





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PELLUPRO[™] EXTRA

Unique Blend of Probiotic consortium for gut pathogen

COMPOSITION :

Contains Proprietary blend of *Lactobacillus*, *Bacillus*, *Saccharomyces boulardii*, β -Glucan, FOS, and several enzymes.

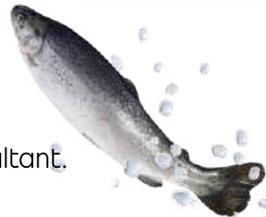
BENEFITS :

- Helps to combat various diseases.
- Improve efficiency of the digestive system.
- Fasten growth rate and weight gain.
- Higher feed consumption rate with better FCR.
- Promotes gastrointestinal comfort.

DOSAGE :

Shrimp/Prawns: 5-25 g/kg of Feed,
Fish: 5 g/kg of feed or advised by aquaculture consultant.

PRESENTATION:
500 g



CAA REGISTRATION NUMBER: CAA/FEB 2024/PRO/05824





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TM

PELLUPRO-VIT C

Vitamin C For Aquaculture



COMPOSITION :

Contains: Vitamin C (Ascorbic acid).

BENEFITS :

- Reduce stress and relief shrimp and fish from temperature fluctuation.
- Helps to increase muscle growth and weight gain.
- An anti-oxidant, Enhances regular molting.
- Helps to improve the immunity and disease resistance of aquatic species and improves survivability.
- Facilitate collagen synthesis and wound healing.

DOSAGE :

2 g/kg of feed,
Stress condition - 5 g/kg of feed,
Use as directed by an aqua consultant.



CAA REGISTRATION NUMBER: CAA/FEB 2024/FA/05826



PRESENTATION:
1 kg



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PELLU-SLUDGE

Soil Probiotics For Sludge Digestion

COMPOSITION :

Thiobacillus and *Rhodopseudomonas* spp up to 10⁹ cfu.

BENEFITS :

- Improve Sediment quality.
- Reduce Toxic gases Like H₂S.
- Reduce Black gill.
- Helps to treat sludge.

DOSAGE :

1 Kg/acre per week.
2 Kg/acre for high anaerobic sediments.

PRESENTATION:

1 kg





PELLUZITE

Zeolite Powder



**POWDER
FORM**

COMPOSITION :

Proprietary blend of Zeolite in powder form.

BENEFITS :

- Clears pond bottom and reduce ammonia.
- Absorb H_2S , NH_3 and other toxic gases from water.
- Equally effect in wide range of environmental parameters.
- Helps to Grow planktons and useful micro elements for fish and shrimps.
- Increase dissolved oxygen (DO) capacity of pond water.
- Balances the essential oxidized minerals for sustainable growth of shrimps and fishes.

DOSAGE :

For Pond Preparation : 25-30 Kg/Acre,
During culture : 15 Kg/Acre.

PRESENTATION:
25 kg





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Pelluzite-Y

Granular Zeolite with Yucca and Probiotics



COMPOSITION :

Proprietary blend of Zeolite, *Yucca* extract and probiotics in granular form.

BENEFITS :

- Clears pond bottom and reduce ammonia.
- Absorb H_2S , NH_3 and other toxic gases from water.
- Helps to Grow planktons and useful micro elements for fish and shrimps.
- Increase dissolved oxygen (DO) capacity of pond water.
- Balances the essential oxidized minerals for sustainable growth of shrimps and fishes.

DOSAGE :

For Pond Preparation : 25-30 Kg/Acre,
During culture : 15 Kg/Acre.

PRESENTATION:

25 kg

**GRANULAR
FORM**





PELL-PS



Liquid Probiotics



COMPOSITION :

Rhodobacter spp and *Rhodococcus* spp (4 x 10⁹ CFU/ml).

BENEFITS :

- Oxidises H₂S to elemental sulphur and regulates pH variations.
- Suppress the growth of pathogenic bacteria.
- Oxidize organic matter and reduce black soil problems.
- Control ammonia levels in the pond water.
- Reduce Nitrate level and purifies pond water.

DOSAGE :

Pond preparation: 5-10 L/Acre,

Culture Ponds: 5-7 L/Acre or as directed by the aqua consultant.

PRESENTATION:

20 Ltr.



PELLUZYME



Unique blend of Enzymes for better Digestion



PRESENTATION:
1 kg

COMPOSITION :

Proprietary blend of Multienzyme complex.

BENEFITS :

- The enzyme complex increases digestive capacity in shrimp & fish.
- Helps in optimum feed utilization by increasing availability of mineral.
- Protease increases the protein digestion.
- Phytase enzyme enhances bioavailability of macro & micro minerals in fish & reduce the non-available phosphorous pollution into the environment.
- Controls loose shell problem by providing available phosphorous.
- Amylase and Xylanase are used to improve the digestibility of carbohydrate in feed.

DOSAGE :

For Shrimp: 2-5 g/Kg of Feed,

For Fish: 1-2 g/Kg of Feed.



PELLUMIN[®]

Mineral Mixture



COMPOSITION :

Mineral Mixture

BENEFITS :

- Balance the ratio of essential minerals in pond water.
- Regularise the osmoregulation process.
- Maximize Production and optimize Food Conversion Ratio (FCR).
- Helps to Grow planktons and useful micro elements for fish and shrimps.
- Protect Shrimp from loose shell and Muscle cramp syndrom.

DOSAGE :

For Pond Preparation: 25 Kg/Acre.

During culture: 10 Kg/Acre.

PRESENTATION:

10 kg





PELLUMIN-PLUSTM

Mineral Mixture with Probiotics



COMPOSITION :

Essential micronutrients in a specialized form Sustainable aquaculture with a complex mixture of Sodium, Potassium, Calcium, Magnesium, Phosphorus, pH regulators and essential amino acids with probiotics.

BENEFITS :

- Balance the ratio of essential minerals in pond water.
- Regularise the osmoregulation process and gut health.
- Maximize Production and optimize Food Conversion Ratio (FCR).
- Helps to Grow planktons and useful micro elements for fish and shrimps.
- Helps for better digestibility and regulates the blood pH for higher enzymatic activity.

DOSAGE :

For Pond Preparation: 25 Kg/Acre

For Molting: 8-10 kg/acre

During culture: 10 Kg/Acre

For prevention of LSS: 5 to 10 g/kg of feed

Feed application: 2-3 Kg to be mixed in 100 kg Feed

Or as directed by aqua consultant.

PRESENTATION:
10 kg



PELLUPRO-IMMUNOBOOST[™]

Immunomodulators for Aquaculture



PRESENTATION:
1 kg

COMPOSITION :

Proprietary combination of multiple herbal immunomodulatory compounds which brings synergistic benefits.

BENEFITS :

- Helps in boosting the immune system and healthy hepatopancreas.
- Helps the shrimps to overcome the EMS (Early Mortality Syndrome).
- Rejuvenates the damaged hepatopancreas and restores the normal functioning.
- Improves disease resistance.
- Increases stress tolerance.
- Maintains intestinal integrity.

DOSAGE :

Typically 2-4 g/kg, with a maximum of 6 g/kg under stressful conditions.



PELLUPRO-F[™]

Probiotics for Fish

COMPOSITION :

Proprietary blend of Probiotics useful for Fish health.

BENEFITS :

- Improve the Water quality.
- Improve Gut health of Fish.
- Reduces the Fish pathogens.
- Help to eliminate ammonia and adverse effect of nitrite level.
- Reduce stress and relief fish from temperature fluctuation.
- Regulates the pond pH.

DOSAGE :

For Fish: 1 kg/Acre for fish pond.

1 kg/Acre subsequently every 15 days or as Directed by aquaculture consultant.



PRESENTATION:
10 kg

ZOOTHACLEAR



A biochemical treatment to reduce Zoothamnium and other external parasites and improve the animal health.



COMPOSITION :

Contains 40% of Dinitro-n, n-dipropyl 1-4 (trimethylfluora) 20% benzenamine, 20% Mineral oil, 20% plant extant organic oil.

ZOOTHACLEAR : a mixture of high quality Biocide (which Contains no Fluorine Compound) has been introduced specially for controlling the sessile, colonial, marine protozoan spp (*Oligohymenophorea*, *Peritrichia*) like *Zoothamnium*, *Epistylis*, *Verticella* and *Acineta*.

These protozoan were mostly detected at gills, surface body and swimming legs. The protozoan attaches to the body and appendages of animals, and disrupt mobility and feeding. Mortality occurs only in severe cases of susceptibility.

DOSAGE :

300 to 400 ml/Acre.

PRESENTATION:
500 ml





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Pellucid Strains :

Bacillus coagulans

Bacillus pumilus

Bacillus subtilis

Bacillus amyloliquefaciens

Bacillus licheniformis

Lactobacillus spp

Bacillus clausii

Saccharomyces boulardii

Bacillus megaterium

Saccharomyces cerevisiae

Bacillus polymyxa

Bifidobacterium spp



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Probiotics Solution for Aqua Health

ONE OF THE INDIA'S LARGEST MANUFACTURER OF PROBIOTICS

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