



Lopec
Biofeed

**Nurturing Nature.
Empowering Growth.**

Advancing
Animal Health Through
Science & Nature

An aerial photograph of a lush green field with several cows grazing. The cows are of various breeds, including black, brown, and white. The field is dense with green grass, and the cows are scattered across the frame, some facing the camera and others with their backs to it. The overall scene is vibrant and healthy, emphasizing the theme of sustainable agriculture.

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**Innovative Nutrition.
Healthier Growth.
Sustainable Future.**

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About Our Company :

At Lopec Biofeed, we combine the best of science and nature to deliver premium feed solutions that improve livestock health, enhance growth, and support sustainable farming. Our carefully crafted range of sweeteners, essential oils, aqua care, poultry, and animal feed supplements is trusted by farmers and industries alike.

Designed
To Enhance
Feed Taste And
Encourage
Better Intake
For Healthier
Growth.

Our Vision :

To be a trusted global leader in animal nutrition, delivering sustainable and innovative feed solutions that improve livestock health, enhance farmer prosperity, and contribute to a healthier planet.

Our Mission :

At Lopec Biofeed, our mission is to bridge the power of science and nature by creating high-quality feed additives and supplements. We strive to empower farmers with safe, effective, and sustainable solutions that promote animal well-being, drive productivity, and ensure long-term agricultural growth.

Our Core Values :

- **Innovation**

We continuously explore new ideas and technologies to create smarter, sustainable feed solutions.

- **Integrity**

We uphold honesty, transparency, and trust in every product and partnership.

- **Quality**

We are committed to delivering safe, reliable, and effective products that meet global standards.

- **Sustainability**

We care for the environment by developing eco-friendly solutions that support responsible farming.

- **Customer - Centricity**

We listen, understand, and deliver solutions tailored to the evolving needs of farmers and industries.

- **Animal Well - being**

We prioritize the health, growth, and comfort of livestock through nature-inspired formulations.



Why Choose Lopec Biofeed?

- Backed by science, powered by nature
- Safe, sustainable, and farmer-friendly solutions
- Comprehensive product portfolio for multiple livestock needs
- Trusted by professionals, proven in performance

Our Commitment :

- **Delivering Excellence :**
Ensuring the highest standards of quality and reliability.
 - **Empowering Farmers :**
Providing innovative solutions that enhance productivity and growth.
 - **Sustainable Practices :**
Developing eco-friendly products that protect both animals and the environment.
 - **Trusted Partnerships :**
Building long-term relationships rooted in transparency and integrity.
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Losweetos

Packing :

5 Kg, 25 kg paper bag with inner & outer liner.

Description :

Losweetos is a high intensity sweet taste enhancer for Animal feed application It's a Sweetening palatant or Flavouring premixture.

Salient Features :

- Approximately 550 times sweeter than sugar ie. 1 Kg of Losweetos is equal to 550 Kg of Sugar.
- A synergistic complex of high intensity sweetner, taste enhancing & taste potentiating agents. Free of Animal By-products.
- Excellent Sugar like long lasting taste without bitter or metallic after taste. Mask bitter tastes associated with high levels of medications and minerals.
- Enhances feed or mineral mixture palatability and stimulates consumption of feed.
- Low inclusion rates. So, gives freedom to nutritionist to include non-palatable but highly nutritious feed ingredients like guar korma.

Specification:

Usage:

For Animal Feed Application. Can be used in Compounded Pellet, Mesh Feed, TMR, Mineral Mixture & Dry fodder etc.

Application method:

Mixing into Liquid or Solid Animal Feed or Feed Supplements.

Inclusion Rate:

100 to 200 grams per ton of Compounded Finished Feed.

200 to 400 grams per ton of Mineral Mixture Or as suggested by Animal Nutritionist.

Shelf Life:

36 months from the date of manufacturing Change in colour of the product doesn't affect its efficacy.

**Lomax****Packing :**

5 Kg, 25 kg paper bag with inner & outer liner.

Description :

Groth pramotor is a phytobiotic feed Premix containing a synergistic combination of Essential Oils Such as Oregano, Clove, Cinnamon & Eucalyptus and Short Chain Fatty acids with Antimicrobial, Coccidiostatic and Antioxidant properties that Promote Performance and Productivity

Benefits & Advantages:

- Aids in positive intestinal microflora modulation & better gut health.
- Has excellent antimicrobial action, which helps in reduced risk of enteric diseases.
- Promotes intestinal integrity & enhances immunity.
- Acts as an antioxidant & acidifier.
- Stimulates endogenous enzyme secretion & digestion.
- Significantly improves performance & production parameters.

Recommended Usage:

100 g per MT of feed or as advised by a Nutritionist.

Withdrawal Period:

Nil

Storage:

Store in a cool and dry place, away from heat & light. Keep out of reach of children



**L'ogarlic
Plus**

Packing :

5 Kg, 25 kg paper bag with inner & outer liner.

Description :

High intensity Allicin Fortified with Polyphenols

Composition:

Each Kg contains:

Allicin from Garlic extract- NLT 15% Fortified with Polyphenols Stabilizers and Excipients – q.s.

Benefits:

- Natural Anti-Coccidial, Anti-Protozoal and Anti-Fungal agent.
- Anti-Bacterial effect may reduce use of Antibiotic growth promoters.
- Boosts the Natural Immune cell response.
- Anti-viral effect results in better Antibody titre in Serum post vaccination.
- Acts as a natural Toxin adsorbent thus preventing toxin absorption from Intestine.
- Anti-Stress effect makes sure that production of animal is unhampered during stress condition.
- Recommended for supportive therapy for Faster recovery post disease

Recommended Use:

Dairy Calves:

200gm-300gm per tonne of Feed

Broiler/Layers:

250gm-350gm per tonne of Feed

Breeder birds/ Swines:

upto 500gm per tonne of feed

Aqua:

500 gm –1 kg tonne of feed

OR as recommended by Nutritionist



Lóyucca
Feed

Packing :

5 Kg, 25 kg paper bag with inner & outer liner.

Description :

Yucca Powder Aquaculture Feed supplements

Yucca Powder is a 100% natural ingredient made from the Yucca schidigera plant, included in the premix of fish and shrimp feeds, helping to control and reduce ammonia and other gases control and reduce ammonia and other gases that affect the health of production ponds. When a culture system falls into imbalance, the plankton population decreases, the ammonia increases to toxic levels and dissolved oxygen also drops to lower levels, bringing as a consequence, feeding and growth is reduced and the degree of mortality is reduced. is and the degree of mortality suddenly increases as a result of this crisis.

Benefits:

Yucca Powder reduces the concentrations of ammonia, nitrites, hydrogen sulphides and other harmful gases and compounds, which produce bad odors in industrial wastewater, agricultural, domestic or municipal.

Yucca Powder improves water quality by increasing flocculation and promoting sedimentation of suspendable solids.

Yucca Powder is a product that does not present any danger of reactions since it is found fully stabilized, nor is there any risk of polymerization.

Yucca Powder is Powder a product made with the highest technology and quality control, with raw materials of vegetable origin and without chemical ingredients. It is a product that is not harmful to the health of humans, plants and animals.

Safety Data:

Inhalation:

Move to fresh air.

Skin contact:

Wash with water and soap as a precaution. If skin irritation persists, call a physician.

Eye contact:

Rinse with plenty of water. If eye irritation persists, consult a specialist.



Locare+

Packing :

As Powder: 5 Kg, 10 Kg & 25 Kg packs.

Description :

Aquaculture & Fish Ponds are like a miniature version of an Ocean or Other Natural Water Bodies, with an ecosystem of their own but a closed one, nothing like an Open Ecosystem of an Ocean. That is the reason that this ponds requires regular outside intervention like pumping of air to increase dissolved oxygen level in this artificial ponds with high density of Aqua - Animals to maintain it as close as natural Ecosystem. Higher the Stocking Density Higher

The Interventions required. These interventions can be of any kind....It can be Physical, Physicochemical, Chemical or Biotechnological & can be towards pond or towards Aqua- Animals.

We at lopec as a part of our core values of providing Environmental Friendly, Biodegradable, Cost Effective, Easy to Administer....'Green Solutions'..... introducing **LOCARE POND POWDER** a Natural Nanobiotechnology based Mineral Nutrients for Diatom Bloom.

Current Challenges of Aqua-Farming:

- Aquaculture ponds get lot of pollution due to the excreta of the fish, shrimp and uneaten decomposed feed which remains as it is due to closed ecosystem of the pond
- Fish and shrimp require oxygen which is given with costlier interventions like Electric powered aerators which are also prone to breakdowns.
- Fish feed is expensive & supplying natural or live feed like Phytoplankton or Zooplankton in a closed ecosystem like Aquaculture Pond is a challenge.
- Growth & survivability of PL (Post Larvae) is challenging during early stage or nursery stage due to unavailability of Natural Feed like algae as well as less Dissolved oxygen in pond.

Application:

Soil:

15 to 25 Kg per Acre of Pond during pond preparation. Can be mixed with other inorganic (Like Urea, DAP) or organic fertilizers like

Water:

5 Kg per Acre of Pond.

Solution:

Growth of Diatom (A type of algae) in pond bottom is the root solution for all major issues relate to Aqua-Farming in a closed ecosystem.

What is Diatom?

- Diatoms are a major group of algae, and are among the most common types of phytoplankton. Diatoms are unicellular organisms. Other algae types are Blue Green Algae, Green Algae etc.
- Diatoms have a silica based body, unlike other algae such as Green Algae and Blue Green Algae which have cellulose bodies.
- A unique feature of diatom cells is that they are enclosed within a cell wall made of silica, so that they can do photosynthesis with minimum light.
- Diatoms are at the bottom of the food chain, which is consumed by Zooplankton & which inturn consumed by fish & other aqua animals which are higher in food chain.
- Diatoms are helpful organism unlike other complex algae like blue green algae or green algae which are nuisance to water bodies.
- A high diatom population will help exclude pathogenic species, such a vibrio and cyanobacteria and helps to moderate the daily oxygen cycle to create more consistent oxygen levels. This also results in more stable water chemistry.

How Diatoms are helpful in Aquaculture?

- Fast growth with rapid replication. So, colonies of diatoms compete with other nuisance or pathogenic algae like Blue green or green algae.
- Increases the dissolve oxygen level by taking up CO₂ & Releasing O₂ through very efficient photosynthesis at minimal presence of sunlight also.
- Higher Oxygen level in pond increases population of natural anaerobic bacteria which inturn decompose the organic matter in pond & purifies pond water.
- So, in a nut shell diatom lies in the bottom of pyramid in a typical ocean ecosystem. Which we are trying to replicate or mimic in a closed ecosystem of Aqua-Farms.

What is our Product & How it helps in Diatom in Aqua-Ponds:

- Algae is a synergistic blend of Non-chemical, Non-toxic, Natural & Nano-Biotechnology based Mineral micronutrients required by Diatom Algae for growth.
- It contains Silicone (in water soluble silicic acid form) as a Major ingredient and Fe, Mn, Ca, Mg, Zn, Cu, B, S, Mo, etc. as a Micronutrients.
- Silicon is very much important for the growth of Diatom. This silicon must be in bio-available form to get easily absorbed by Diatoms for their growth.
- AQUA POND POWDER is a latest generation technology with minimum 30% Bio-available Silicon (Si).
- Besides use of AQUA POND POWDER with other Nitrogen based fertilizer like urea increases the efficiency of Urea as this product will reduce the leaching of urea (to make it slow release nitrogen)
- Provides critical nutrients for soil microbes.



Loguard

Packing :

As Powder: 5 Kg, 10 Kg & 25 Kg packs.

Description:

Loguard is a disinfectant possessing wide spectrum virucidal, Bactericidal and fungicidal activity. The effectiveness of Loguard is further enhanced by its excellent detergent properties, so that clean disease-free surfaces can be achieved. Loguard is unique in its composition. Its activity is based on a buffered synergized and per oxygen system containing a high percentage of surfactant. Loguard can be used on all surfaces and in all situations. Loguard is of low toxicity, non-tainting and Non-irritant, Because of its high detergency and mode of action, Loguard can be used in an exceptional variety of situations for effective cleaning and virucidal disinfection in a single operation. Loguard can be applied manually or through all types of cleaning and spraying equipment. Readily soluble in lukewarm water giving a clear yellow solution. Loguard consists mainly of inorganic salts.

Active Ingredients:

Blend of inorganic peroxygen compounds, salts, buffers, descalants, detergents and stabilizers.

Mode Of Action:

Loguard oxidizes sulfur bonds in proteins and enzymes disrupting the function of the cell membrane causing rupturing of the cell wall.

Broad Spectrum Disinfectant:

Loguard is effective against numerous microorganism affecting animals:
viruses*, gram-positive and gram-negative bacteria, fungi, molds and yeasts and mycoplasma.

Effective on Pathogens:

BACTERIA | VIRUSES | FUNGI

Unique Features :

- Readily soluble in tap water
- Easy for application
- Nontoxic, nonirritating and noncorrosive at user dilution
- Broad spectrum of antimicrobial activity even in the

Unique Features :

- Make fresh solution Loguard before application and use it within 12 hours
- Do not mix Loguard solution with other disinfectant
- Store in cool and dry place away from direct heat and sun light.

Dilution Rates:

Dilution Rate Required (W/v)				
3.0 %	2.0 %	1.0 %	0.5 %	
Quantity Of Virunaas Required				Quantity Of Disinfectant Required
30g	20g	10g	5g	1 LITRES
150g	100g	50g	25g	5 LITRES
300g	200g	100g	50g	10 LITRES
750g	500g	250g	125g	25 LITRES

Applications :

• For Aquaculture :

Aquaculture Hatchery:

Shrimp / Prawn / Fish: 5 gm to 10 gm / 1 ton of water

Aquaculture Pond:

Shrimp / Prawn / Fish: 500 gm to 2 kg / hectare.

Processing unit:

Shrimp/Prawn/ Fish wash and water disinfection: 5 gm to 10 gm / 1 ton of Water.

Disinfection of pre-cleaned surfaces, equipment (Including nets, Aeration Paddles, Hatchery Equipment) and foot dips:

10 gm / liter of water (1:100, 1%)

Application rate:

300ml per square meter of surface area.

• Usage Instruction :

For Prevention of diseases in hatcheries and ponds:

Apply Loguard once every fortnight according to water quality.

For treating diseases in hatcheries and ponds:

Apply Loguard once every 3-5 days or as advised by Aquaculture Consultant.

Application procedure:

Dissolve required quantity of Loguard in water outside the tank / pond in a Clean container and then spray uniformly throughout the tank / pond.

For Poultry, Cattle & Other Farm Application:

Application	Dilution	Methods
Environmental spray in shed and hatchery	0.5 % or 5gm in 1 lit of water	Spray approx. 10lit of VIRUNAAS solution for 1000 sq.ft. area as a last step in terminal disinfection
Spray in presence of birds	0.3 % 3gm in 1 lit of water	Spray approx. 10lit of VIRUNAAS solution for 3000 sq.ft. area towards ceiling of the shed.
Equipment, Plastic trays, Cages & other accessories	1 % or 10gm in 1 lit of water	Spray on prewashed equipment.
Drinking water	0.02% or 2gm in 10 lit of water	Add in drinking water

Non corrosive germicide for cleaning and disinfection of greenhouses and agricultural buildings such as dairy barns, horse barns, Piggeries, poultry houses, shelter sheds and other types of livestock buildings. Also for use in veterinary hospitals and food plants.



Lóturmeric
Care

Packing :

As Powder: 5 Kg, 10 Kg & 25 Kg packs.

Description:

Water Soluble Curcumin Oil as Natural Growth

Promoter Composition: A synergistic blend of Curcumin, Turmerone & Polyphenols

Salient Features :

- Immunity Enhancer, Digestibility Enhancer, Feed Attractant, Anti-inflammatory
- Improves Feed Colour & Feed
- Keeping Quality of Feed
- Antifungal, Antibacterial, Anti-Viral

Dosage And Administration :

Liquid :

200 ml to 300 ml / 1000 liter of drinking water on daily or regular basis for prevention of diseases & to maintain immunity

In case of Disease Outbreak: 300 ml to 500 ml per 1000 Liter of Drinking Water Can also be used for feed application at 250 ml to 500 ml per ton of feed

Powder :

250 gm to 500 gm / tonne of feed

In case of Disease Outbreak: 300 grams to 500 grams / tonne of feed

Storage :

Store in shade and dry place, temperature below 30 o C

Target Species :

Poultry



Lodrop
Garlic

Packing :

As Powder: 5 Kg, 10 Kg & 25 Kg packs.

Composition :

Water Soluble Garlic Extract

Each 100 ml contains 10 gm Allicin.....10gm

Benefits :

- Garlic oil has broad spectrum anti- bacterial, antiviral, antifungal & bactericidal effect
- Garlic oil improves animal meat flavor and lowers cholesterol
- Increase the appetite and feed intake
- Achieve better absorption of feed.
- Stimulates the immune system
- Garlic oil has no side effects without residue and resistance

Dosage And Administration :

Through Drinking Water:

Poultry : 1 ml/5 litre of drinking water for 5 – 7 days

Dairy Cattle : 5 – 10 ml daily for 3 – 5 days.

For Spray as disinfectant (in presence of birds) 3 to 5 ml / litre of water

Through Feed :

• **Poultry :** Feed Attractant – 50 ml/ton of feed, Growth Promoting – 100 ml/ton of feed, Alternative Antibiotics – 150 – 300 ml/ton of feed.

• **Cattle :** Feed Attractant – 50 ml/ton of feed, Growth Promoting – 100 ml/ton of feed, Alternative Antibiotics – 200 – 350 ml/ton of feed



L'odrop
Turmeric

Packing :

As Powder: 5 Kg, 10 Kg & 25 Kg packs.

Description :

High Intensity Curcumin Fortified with Polyphenols

Composition :

Each kg contains :

Curcumin extract – NLT 6 %
Fortified with Polyphenols
Stabilizers and Excipients – q.s.

Benefits :

- Natural Anti-Inflammatory action
- Anti-Bacterial effect may reduce use of Antibiotic growth promoters
- Boosts the natural immune cell response
- Anti-Viral effect results in better Antibody titre in serum post vaccination
- Act as a nature Toxin adsorbent thus preventing toxin absorption from intestine
- Anti-Stress effect makes sure that production of animal is unhampered during stress condition
- Recommended for supportive therapy for Faster Recovery Post disease
- Increases Feed intake in Birds

Recommended Use :

- **Dairy Calves** – 500 gm – 1.2 kg per ton of Feed
- **Broiler / Layers** – 500gm-1kg per ton of Feed
- **Breeder birds / Swines** – 1kg per ton of feed
- **Aqua** – 1kg-2kg ton of feed

Storage :

Keep in a well ventilated dry place away from direct sunlight

- **Shelf life** : 24 Months in original packing



Description :

Yucca Liquid is a 100% natural ingredient made from the Yucca schidigera plant, included in the premix of fish and shrimp feeds, helping to control and reduce ammonia and other gases that affect the health of production ponds, is a natural additive. This assures the highest quality products offered on the international market.

Benefits :

- reduced the ammonia levels; increasing the productivity and efficiency.
- binds the ammonia molecules and nitrites, transforming them into other nitrogen compounds that do not harm and are utilized as a nitrogen source
- improved the quality of the water in the ponds by creating a cleaner environment in the water, due to accelerating the degradation of organic matter.
- is the most cost-effective product to improve the environment and increase the yield, thus increasing income to the producer.

L'odrop
Yucca

Packing :

As Powder: 5 Kg, 10 Kg & 25 Kg packs.

Safety Data :

Inhalation :

Move to fresh air.

Skin contact :

Wash with water and soap as a precaution. If skin irritation persists, call a physician.

Eye contact :

Rinse with plenty of water. If eye irritation persists, consult a specialist.

Trusted **Nutrition**,
Proven Performance.



Lopec Biofeed

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