



**YOUR PARTNER IN PROFITABLE AQUACULTURE**



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 **From Struggle to Success –  
Powered by FishGrow**



**MR. RAMESH SAHU**

Fish farmer from Odisha





# Vision & Mission

## ► Vision

To become India's most trusted aquaculture partner by revolutionising fish farming with science-driven, result-oriented solutions.

We envision a future where every farmer — from small ponds to large-scale operations — grows healthier fish, maintains cleaner water, and achieves higher profits with confidence and ease.

Through innovation, quality, and farmer-first support, we aim to uplift rural livelihoods and build a stronger, sustainable aquaculture ecosystem for generations to come

## ► Mission

Our mission is to deliver world-class aquaculture supplements, probiotics, minerals, and pond-care solutions that enhance growth, improve survival, and maintain optimal pond conditions throughout the culture cycle.

We strive to simplify farming by providing easy-to-use, scientifically formulated products that ensure consistent results in every pond.

With continuous research, farmer education, field support, and on-ground guidance, we are committed to empowering fish farmers with the tools, knowledge, and confidence they need to achieve maximum productivity and long-term sustainability.

At FishGrow we believe in growing together — supporting farmers, strengthening communities, and driving the future of smart aquaculture in India.



## NutriGain GP

### Category:

Growth Promoter | Amino Acid | Vitamin & Fatty Acid Supplement For Fish & Shrimp

### Composition:

Vitamin K – 4000 mg  
Vitamin A – 210000 IU  
Vitamin D3 – 10000 IU  
Vitamin E – 9000 mg  
Vitamin C – 5000 mg  
Tartaric Acid – 1000 mg  
Choline Chloride – 5000 mg  
Glutamic Acid – 2600 mg  
Glycine – 15300 mg  
DL-Methionine – 11200 mg  
L-Lysine HCl – 200 mg  
Arginine – 14100 mg  
Dicalcium Phosphate – 17 g  
Omega-3 Fatty Acid – 6000 mg  
Omega-6 Fatty Acid – 9000 mg

### Benefits

- ✓ Accelerates Growth & Weight Gain  
High levels of essential amino acids (Methionine, Glycine, Arginine) improve muscle development and faster biomass increase.
- ✓ Improves Feed Conversion Ratio (FCR)  
Amino acids & fatty acids help better protein absorption and feed utilization.
- ✓ Enhances Immunity & Stress Resistance  
Vitamin C, E & Omega fatty acids strengthen immunity during weather change, handling & disease stress.
- ✓ Supports Bone, Shell & Skeletal Strength  
Vitamin D3 & Dicalcium Phosphate improve bone formation and shell hardness.
- ✓ Boosts Energy & Metabolism  
Choline & Glutamic acid support liver function and energy metabolism.
- ✓ Promotes Healthy Color & Survival Rate  
Omega-3 & Omega-6 improve tissue health and survival.

### Dosage & Application

| Use Case    | Dosage                | How to apply (best practice):                                                                                                                                                                                                                        |
|-------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fish feed:  | 5–10 g per kg of feed | <ul style="list-style-type: none"><li>• Take required quantity of feed.</li><li>• Mix NutriGain GP™ with a small quantity of water or binding oil.</li><li>• Coat evenly on feed.</li><li>• Dry in shade for 15–20 minutes before feeding.</li></ul> |
| Shrimp feed | 5–8 g per kg of feed  |                                                                                                                                                                                                                                                      |

### Compatibility & Cautions

Compatible with most probiotics when applied on different days

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.



## AquaYeast™

Gut Balance • Immunity Support • Growth Performance



**Gut health.**



**Feed efficiency (FCR).**



**Stress resilience.**



**Pond stability.**

### Category:

Natural yeast culture for fish & shrimp. Use: gut health, feed efficiency (FCR), stress resilience, and pond stability. No antibiotics. Non-medicinal.

### Composition:

Natural Yeast Culture — *Saccharomyces* sp., with a blend of supportive, essential strains; carriers & stabilizers q.s.

### Benefits

- Supports beneficial gut microflora and competitive exclusion of undesirable microbes.
- Yeast cell-wall components ( $\beta$ -glucans, MOS) help prime innate defenses and bind certain gut antagonists.
- Improves feed utilization pathways → better FCR and growth performance.
- Contributes organic acids/biometabolites that help stabilize pond pH and microbial balance.
- Key Farmer Benefits
  - Helps stabilize pond pH and micro-ecology.
  - Supports natural disease resilience (immunity support).
  - Promotes healthy gut colonization; reduces off-feed risk.
  - Improves FCR, growth and weight gain potential.
  - Competitive exclusion of opportunistic microbes; supports cleaner culture water.
  - Enables confident stocking density programs when water quality is managed.

### Dosage & Application

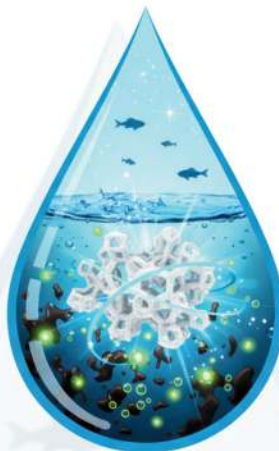
| Use Case    | Dosage      | How to apply (best practice):                                                                                                                                                                                                                                                                  |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fish feed:  | 2 g/kg feed | * For feed: premix dose with a little oil/binder, coat evenly, shade-dry 10–15 min, use fresh.<br>* For pond: pre-dilute in 20–30 L pond water per kg; broadcast with aerators ON.<br>* Avoid co-application with oxidizers/sanitizers ( $\text{KMnO}_4$ , chlorine, BKC). Keep a 24–48 h gap. |
| Shrimp feed | 5 g/kg feed |                                                                                                                                                                                                                                                                                                |
| Pond water  | 1–2 kg/acre | during stress or after water exchange                                                                                                                                                                                                                                                          |

### Compatibility & Cautions

Compatible with most probiotics when applied on different days

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.



## PondZorb Zeo™

Bind toxins. Clear water. Better growth.

 **Binds  $\text{NH}_3$  &  $\text{H}_2\text{S}$**

 **Stabilises pH**

 **Controls black soil**

 **Improves clarity**

### Category:

Natural Zeolite (high CEC) — pond & biofloc water conditioner

### Composition:

Natural Zeolite (clinoptilolite-grade) with  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{CaO}$ ,  $\text{MgO}$ ,  $\text{Na}_2\text{O}$ , etc.

What it does: High-CEC mineral that adsorbs toxic gases and moderates water chemistry, helping cleaner bottoms, steadier pH, and healthier culture conditions.

Carriers & stabilisers q.s.

### Benefits

- Binds toxic gases (ammonia,  $\text{H}_2\text{S}$ ) to safer levels,
- Purifies water and,
- supports higher DO,
- helps stabilise pH, reducing sudden swings,
- Controls black soil and bottom odour,
- Improves survivability & growth consistency,
- Supports plankton balance and feed utilisation
- Dust-controlled, quick-wet grade for easy broadcast

### Dosage & Application

| Use Case                     | Dosage                        | How to apply (best practice):                                     |
|------------------------------|-------------------------------|-------------------------------------------------------------------|
| Pond preparation (pre-stock) | 25 kg/acre (1M avg depth)     | Pre-wet into a slurry (1:5–1:10 with pond water) to reduce dust.  |
| During culture (routine)     | 15–20 kg/acre every 15 days   | After heavy rain, odour, or ammonia spike: add extra 5–10 kg/acre |
| Biofloc / Tanks              | 500 g / 10,000 L every 7 days | sprinkle around inlets/aeration for uniform contact               |

### Compatibility & Cautions

Safe with probiotics/enzymes; if using liquid probiotics, apply 4–6 h apart. Avoid mixing with strong acids—they reduce adsorption capacity. Do not co-apply with oxidising disinfectants in the same hour. For aquaculture use only. Non-medicinal.

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.

For aquaculture use only



## PlanktoX™

Plankton Growth Booster • Stable Bloom • Better FCR



Plankton growth booster



Stabilise a healthy phyto/zooplankton



Bloom, improve natural feed availability,

### Category:

Advanced Water Probiotic | Pond Health & Water Quality  
Improver For Fish & Shrimp Culture

### Dosage & Application

#### Composition:

##### ♦ LIVE YEAST

Saccharomyces cerevisiae – 1000 Billion CFU

##### ♦ PROBIOTIC CULTURES

Bacillus coagulans – 600 Billion CFU

Bacillus megaterium – 500 Billion CFU

Bacillus polymyxa – 500 Billion CFU

Bacillus licheniformis – 500 Billion CFU

Bacillus subtilis – 500 Billion CFU

Lactobacillus acidophilus – 400 Billion CFU

Lactobacillus casei – 100 Billion CFU

Enterococcus faecium – 100 Billion CFU

Bifidobacterium lactis – 100 Billion CFU

Aspergillus oryzae – 700 Billion CFU

##### ♦ ENZYMES

Phytase – 500 mg

Protease – 500 mg

Amylase – 200 mg

##### ♦ PREBIOTICS

FOS – 1000 mg

MOS – 1000 mg

##### ♦ ADDITIONALS

Seaweed Extract – 5 g

Beta-Glucan – 100 mg

##### ♦ VITAMINS

Vitamin C – 1000 mg

Vitamin E – 500 mg

Vitamin B1 – 600 mg

Vitamin B6 – 500 mg

Vitamin B12 – 1000 mcg

### Compatibility & Cautions

Compatible with most probiotics when applied on different days

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.

| Use Case            | Dosage                | How to apply                                                                                                                                                                                                                                                                  |
|---------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shrimp / Fish Ponds | 750Gm to 2 KG kg/acre | Pre-dilute the dose in 20–30 L of pond water per kg and sprinkle uniformly along dykes.<br>Apply in the morning with aerators ON; avoid application just before heavy rain.<br>Track Secchi disk visibility (ideal 25–40 cm for most species) and adjust interval accordingly |

### Benefits

#### How PlanktoX™ Works

- ✓ Maintains Stable & Healthy Pond Water  
Breaks down organic waste, sludge & leftover feed.
- ✓ Controls Harmful Bacteria (Vibrio Management)  
Competitive beneficial bacteria suppress pathogens naturally.
- ✓ Reduces Ammonia, Nitrite & Toxic Gases  
Improves pond bottom quality & water clarity.
- ✓ Improves Dissolved Oxygen Utilization  
Supports aerobic microbial activity in pond water.
- ✓ Enhances Survival & Stress Resistance  
Stable water = healthier fish & shrimp.
- ✓ Improves Overall Pond Ecology  
Creates balanced microbial environment.

#### BEST APPLICATION TIME-

- ✓ After siphoning
- ✓ After rain or water exchange
- ✓ During high organic load
- ✓ Before the disease outbreak risk

For aquaculture use only



## Pond Guard 80™



Breaks harmful microbes' cell membranes

Powerful disinfectant for aquaculture biosecurity



Deep, long-lasting pathogen control



Improves penetration and overall effectiveness in pond water

### Category:

Aquaculture Disinfectant | Biosecurity & Hygiene Solution For Fish & Shrimp Farming

### Composition:

Total viable count:  $\geq 8$  Billion CFU/g

Alkyl Dimethyl Benzyl Ammonium Chloride – 80%

Glutaraldehyde – 5%

Acetic Acid – 10%

Carrier – Q.S.

### MODE OF ACTION

- ✓ Quaternary Ammonium Compound (QAC) disrupts cell membranes of harmful microbes
- ✓ Glutaraldehyde provides deep, long-lasting disinfection
- ✓ Acetic Acid enhances antimicrobial action and surface penetration

### Benefits

- ✓ Reduces Harmful Pathogens in Pond Water
- Helps control disease-causing bacteria, fungi & viruses.
- ✓ Improves Pond Biosecurity
- Minimizes disease pressure during high-risk periods.
- ✓ Controls Organic Load-Related Pathogens
- Effective in ponds with high organic matter.
- ✓ Supports Healthy Pond Environment
- Maintains cleaner, safer water for better survival.
- ✓ Suitable for Routine & Emergency Use
- Can be used preventively or during early disease signs.

### Dosage & Application

| Use Case         | Dosage                               | How to apply (best practice):                                                                                                     |
|------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Pond preparation | 300 to 400 ML Per acre (single dose) | * Dry broadcast evenly (fine sieve) with aerators ON, or<br>* Pre-dilute in pond water (1:20–1:50) and splash around the dyke, or |
| Routine culture  | 250 to 600 / acre every 25-30 Days   |                                                                                                                                   |

### Compatibility & Cautions

Keep a 24 h gap from metal-based products (e.g., copper salts) and strong oxidizers.  
Compatible with most probiotics when applied on different days

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.



## HumiGrow Aqua™

Detox • Plankton • Growth Support



**Water conditioner**



**Plankton booster**



**Fish & shrimp ponds**

### Category:

Humic & Fulvic Complex with Amino Acids, Seaweed & Trace Minerals — Water conditioner & plankton booster for fish & shrimp ponds.

### Composition:

Humic acid, Fulvic acid, Amino acids, Seaweed (macro-algal extracts), and Trace minerals (source of essential micro-elements).

Note: Naturally derived; color and aroma may vary by batch

### Benefits

- Detox support: Binds/complexes dissolved heavy metals & toxic by-products, helping reduce water stress.
- Plankton primer: Humic residues act as a carbon source that supports beneficial microbes & plankton development.
- Health & resilience: Helps lower stress load and supports better feed utilisation and growth rate.
- Soil conditioning: Improves pond bottom quality and overall water colour/clarity (mild tea-colour shading).
- Value for money: Works across fish & shrimp systems; easy to apply.
- Label-safe note: This is a water conditioner, not a drug. Use as part of good pond management.

### Dosage & Application

| Use Case           | Dosage                        | How to apply (best practice):                                                                                                                                                                         |
|--------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard pond dose | 2 kg/acre                     | Pre-wet into a slurry (1:5 to 1:10) with pond water. Broadcast evenly across the pond during daylight with aeration ON.<br>In lined ponds or tanks, apply near aerators/inlets for better dispersion. |
| Pond prep          | 2–3 kg/acre                   |                                                                                                                                                                                                       |
| Biofloc / Tanks    | 500 g / 10,000 L every 7 days | sprinkle around inlets/aeration for uniform contact                                                                                                                                                   |

### Compatibility & Cautions

Safe with probiotics/enzymes (apply 4–6 h apart from liquids). Avoid co-use the same day with strong oxidisers/disinfectants (e.g.,  $\text{KMnO}_4$ ). Tea-colour shading is normal; excessive darkening—skip next dose.

### Storage & Shelf Life

Keep cool, dry, and tightly sealed. Avoid moisture and direct sunlight.  
Shelf life: up to 24 months in the original unopened pack.



## AquaBac™

Water & Soil Probiotic + Enzyme Blend



sludge reduction



ammonia/nitrite control



odour control, clearer water

### Category:

Pond bottom & water conditioner (probiotic consortium + multi-enzymes). Use: sludge reduction, ammonia/nitrite control, odor control, clearer water. No antibiotics. Non-medicinal

### Composition:

Total viable count:  $\geq 8$  Billion CFU/g

Consortia (representative): *Bacillus* spp. (*subtilis*, *licheniformis*, *coagulans*, *megaterium*, *amyloliquefaciens*, etc.), *Paenibacillus* spp., *Pseudomonas* spp. (incl. *P. putida*, *P. denitrificans*/*pantotrophus*), *Rhodobacter* spp., *Rhodococcus* spp., nitrifiers (*Nitrosomonas*, *Nitrobacter*), sulfur oxidisers (e.g., *Thiobacillus*/*Thiocapsa*), and *Saccharomyces* culture.

Multi-Enzyme complex ( $\geq 600,000$  U/g total): Protease, Amylase, Cellulase, Xylanase, Lipase, Hemicellulase.

Carriers & stabilizers q.s.

### Benefits

- Converts ammonia  $\rightarrow$  nitrite  $\rightarrow$  nitrate (nitrifiers) to ease toxic spikes
- Degrades organic waste & sludge (*Bacillus*/*actinobacteria*) to cut odor & gas pockets
- Balances plankton by improving water clarity and nutrient cycling—less nuisance bloom risk
- Key Farmer Benefits
- Helps control ammonia/nitrite and bad odor
- Reduces bottom sludge; clearer water; fewer floating clumps
- Works in aerobic and low-oxygen pockets; supports healthy pond ecology
- Supports DO stability so feeding stays consistent
- Plays well with probiotic/plankton programs (on alternate days)

### Dosage & Application

| Use Case         | Dosage                                          | How to apply (best practice):                                                                                                                                                                                                   |
|------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pond preparation | 1.5–2 kg/acre (single dose)                     | * Dry broadcast evenly (fine sieve) with aerators ON, or<br>* Pre-dilute in pond water (1:20–1:50) and splash around the dyke, or<br>* Activation (optional): 1–2KG jaggery/molasses in a bucket, aerate for 4–8 h, then apply. |
| Routine culture  | 1 kg/acre every 10–15 days (heavy load: 1.5 kg) |                                                                                                                                                                                                                                 |

### Compatibility & Cautions

Keep a 24 h gap from metal-based products (e.g., copper salts) and strong oxidizers.

Compatible with most probiotics when applied on different days

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.



# Jalprana™

Oxygen Releasing Tablet for Fish & Shrimp Ponds

## Category:

Oxygen Releasing Tablet for Fish & Shrimp Ponds

## Composition:

Each tablet contains: • Sodium Percarbonate ( $\text{Na}_2\text{H}_3\text{CO}_6$ ) – 50% • Sodium Perborate ( $(\text{Na}^+)_2(\text{B}_2\text{O}_4(\text{OH})_4)$ ) – 50%

## Dosage & Application

- Throw tablets directly into pond water
- Ensure uniform distribution across the pond
- Best results when aeration is running (if available)

## Benefits

- ✓ Rapidly increases dissolved oxygen (DO) in pond water
- ✓ Prevents oxygen stress, surface gasping & sudden mortality
- ✓ Supports better feed intake, growth & survival rate
- ✓ Reduces impact of cloudy water, algal crash & high biomass
- ✓ Ideal for emergency oxygen depletion
- ✓ Safe for fish, shrimp & beneficial pond microbes

## Mode of Action

- Releases active oxygen on contact with water
- Improves oxygen availability in bottom & water column
- Enhances pond stability during night-time oxygen drop

## Compatibility & Cautions

- ✓ Compatible with probiotics, minerals & feed supplements
- ✗ Avoid mixing with disinfectants or oxidizing chemicals at the same time

Keep away from fuels, organics, and reducing agents.

Stains skin/clothes. Use PPE: gloves, goggles, mask; avoid inhaling dust.



## Storage & Shelf Life

Store cool, dry, tightly sealed, away from sunlight and moisture.

Shelf life: 24 months in unopened original pack.



# AmmoClear Plus

## Category:

Ammonia Binder | Toxic Gas Controller | Pond Water Conditioner  
For Fish & Shrimp Culture

## Composition:

Yucca schidigera extract – 50%  
Yeast – Q.S.  
Beta-Glucan – Q.S.  
Vitamin C – Q.S.

## Benefits

- ✓ Rapid Reduction of Ammonia ( $\text{NH}_3$ )  
Controls toxic ammonia and harmful gases like  $\text{H}_2\text{S}$ .
- ✓ Prevents Stress & Mortality  
Protects gills and improves survival rate.
- ✓ Improves Water Quality  
Maintains stable pond environment.
- ✓ Enhances Feeding Activity  
Fish & shrimp resume normal feeding faster.
- ✓ Safe for Regular Use  
Non-toxic at recommended dosage.  
Dust-controlled, quick-wet grade for easy broadcast

## MODE OF ACTION

- Yucca Extract binds ammonia & toxic gases
- Yeast improves pond microbial balance
- Beta-Glucan reduces stress & supports immunity
- Vitamin C protects fish & shrimp from ammonia stress

## Dosage & Application

| Use Case                                                                                                                                                                                    | Dosage                                       | How to apply:                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Fish /  Shrimp Ponds | 250-500 g per acre<br>(Water depth 4-5 feet) | Mix the required quantity of AmmoClear Plus™ in pond water.<br>Broadcast evenly over the pond surface.<br>Apply during early morning or evening.<br>Ensure proper aeration during application. |
| High Ammonia /<br>Emergency                                                                                                                                                                 | 500-750 g per acre (maximum)                 |                                                                                                                                                                                                |

## Compatibility & Cautions

Do not mix on the same day with strong oxidising disinfectants (e.g.,  $\text{KMnO}_4$ ) or heavy metals.



## GutGuard Aqua™

Gut • Immunity • FCR – Daily feed-topper for resilient growth

Premium gut-health probiotic + multi-enzyme Feed-topper for fish & shrimp. Formulated to Stabilise gut microflora, support immunity improve feed utilisation (FCR)

### Category:

Premium gut-health probiotic + multi-enzyme feed-topper for fish & shrimp. Formulated to stabilise gut microflora, support immunity, and improve feed utilisation (FCR).

### Composition:

Probiotics ( $\geq 30$  Billion CFU/g): *Bacillus subtilis*, *B. licheniformis*, *B. coagulans*, *B. megaterium*, *B. polymyxa*, *B. pumilus*, *B. cereus* (attenuated, as approved), *B. amyloliquefaciens*, *Pseudomonas putida*, *P. denitrificans*, *P. pantotrophus*, *Rhodobacter* sp., *Rhodococcus* sp., *Saccharomyces boulardii*, *Nitrobacter* sp., *Thiobacillus denitrificans*.

\* Multi-Enzymes (~600,000 U/g total): Protease, Amylase, Cellulase, Xylanase, Lipase, Hemicellulase. Carriers & stabilisers q.s.

### Benefits

- **Competitive exclusion:** floods the gut with beneficial microbes to crowd out opportunists.
- **Enzymatic pre-digestion:** protease/amylase/cellulase blend improves nutrient availability → better FCR.
- **Immune support:** *S. boulardii*  $\beta$ -glucans/MOS help prime innate defenses.
- **Microbial balance:** supports a stable GI environment; helps reduce off-feed risk under stress.
- **Key Farmer Benefits**
  - Supports control of common gut upsets (white gut/white feces risk) via microflora stabilisation.
  - Helps reduce *Vibrio* pressure in the gut ecosystem when used with good biosecurity.
  - Improves FCR and daily weight-gain potential through better digestion and absorption.
  - Enhances resilience under stress (handling, salinity swings, weather shifts).
  - Promotes higher livability and consistent growth curves.

### Dosage & Application

| Use Case | Dosage         | How to apply (best practice):                                                                                                             |
|----------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Fish:    | 5 g/kg feed    | Premix the dose with a small amount of oil or binder, coat pellets evenly, shade-dry 10-15 minutes, then use. Prepare fresh each feeding. |
| Shrimp   | 5-12 g/kg feed |                                                                                                                                           |

### Compatibility & Cautions

Avoid co-application with oxidisers/sanitiser (KMnO<sub>4</sub>, chlorine, BKC); keep a 24-48 h gap. Pair with clean water, regular siphoning, and proper feed management. Non-medicinal; no antibiotic claims.

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.

For aquaculture use only



## AquaSoft HD™

Hardness Down • Scale Control • Clearer Water

 **Reduce effective hardness**  **Bind heavy metals**  **Support clean, clear water**

### Category:

Water conditioner / chelating blend for fish & shrimp ponds.

Use: Reduce effective hardness, bind heavy metals, support clean, clear water.

### Composition:

Water conditioner / chelating blend for fish & shrimp ponds.

Use: Reduce effective hardness (Ca/Mg), bind heavy metals, support clean, clear water

### Benefits

- EDTA (Ethylenediaminetetraacetic acid)
- Supportive chelators (food/pond-grade), carriers & stabilizers q.s.
- How It Works (simple science)
- Chelates calcium & magnesium → helps reduce scale and the effects of very hard water.
- Binds heavy metals (e.g., Fe, Cu, Pb) → less stress risk from metal spikes.
- Improves water clarity & light penetration by minimizing scale film and aiding solids settling.
- Farmer-Focused Benefits
- Controls hardness & scaling in bore/high-salinity water.
- Supports regular moulting in shrimp under hard-water conditions.
- Helps stabilize pond environment so probiotics and plankton programs work better.
- Cleaner look: improves transparency and light penetration.

### Dosage & Application

For aquaculture use only

| Use Case                                       | Dosage      | How to apply (best practice):                                                                                                                                          |
|------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Routine culture                                | 1–2 kg/acre | Pre-dissolve in 20–30 L pond water per kg (plastic bucket).<br>Broadcast evenly around the pond with aerators ON.<br>Prefer daylight application for best circulation. |
| Very hard/bore water or after rain & lime use: | 2–3 kg/acre |                                                                                                                                                                        |

### Compatibility & Cautions

Keep a 24 h gap from metal-based products (e.g., copper salts) and strong oxidizers.

Compatible with most probiotics when applied on different days

### Storage & Shelf Life

Storage: Cool, dry, sealed. Do not mix stock solutions with acids/oxidizers.



## Aqua PP™

Oxidize organics. Sanitize water. Support clarity.

Oxidising water sanitizer for ponds & tanks.

### Category:

Potassium Permanganate ( $\text{KMnO}_4$ ) — Oxidising water sanitizer for ponds & tanks.

### Composition:

Potassium Permanganate ( $\text{KMnO}_4$ ), pure

### Dosage & Application

### Benefits

- Rapid oxidizer to reduce organic load and biofilm
- Helps sanitize water and lower external fouling pressure
- Supports clearer water and more stable parameters when used correctly
- Useful before probiotic resets or after heavy organic events (rain/die-offs)
- Works in ponds, tanks, raceways; easy to pre-dissolve and broadcast

| Use Case                              | Dosage                             | How to apply (best practice):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Routine organic load knockdown        | 1-2 mg/L ( $\approx$ 4-8 kg/acre)  | <p>Jar test (permanganate demand): In a white bucket/jar with pond water, add a few drops of a 1-2% stock (10-20 g <math>\text{KMnO}_4</math> per litre) until a light lavender colour forms that persists for ~8-12 hours. Use that rate as your guide. Pre-dissolve the full dose as 1-2% stock in plastic (not metal).</p> <p>Broadcast evenly across pond/tank with aeration ON (prefer sunny hours).</p> <p>If pink/lavender disappears quickly (&lt;2-3 h), the demand is high—split an additional dose the same day or next, staying within safe limits.</p> <p>Important: As a strong oxidizer, <math>\text{KMnO}_4</math> can temporarily reduce DO while reacting. Run good aeration during and after dosing.</p> |
| Heavy organic demand / strong fouling | 2-4 mg/L ( $\approx$ 8-16 kg/acre) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tanks (short bath)                    | up to 10 mg/L for 30-60 m          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### Compatibility & Cautions

Do not co-apply with strong disinfectants/oxidizers (BKC/iodine); keep 24-48 h gap.

Can be used alongside zeolite/probiotics—prefer different hours or alternate days

Keep away from fuels, organics, and reducing agents.

Stains skin/clothes. Use PPE: gloves, goggles, mask; avoid inhaling dust.



As a strong oxidizer,  $\text{KMnO}_4$  can temporarily reduce DO while reacting. Run good aeration during and after dosing.

### Storage & Shelf Life

Store cool, dry, tightly sealed, away from sunlight and moisture.

Shelf life: 24 months in unopened original pack.

For aquaculture use only



At FishGrow, we are committed to supporting fish & shrimp farmers with reliable, science-based aquaculture solutions.  
Every FishGrow product is developed to:  
Improve pond water quality  
Support healthy growth and survival  
Reduce farming risk and stress  
Deliver consistent field performance  
Our goal is to help farmers achieve sustainable production with confidence.

- QUALITY YOU CAN TRUST**
- ✓ Carefully selected raw materials
  - ✓ Scientifically designed formulations
  - ✓ Field-tested under Indian farming conditions
  - ✓ Strict quality control at every stage
- FishGrow products are designed for practical use, not laboratory theory.

Fish Farming | मछली पालन | మత్స్య పెంపకం | மீன்  
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