

Hydrostar Powder

An Innovative solution for

Water and Soil Management



The Organic load, unconsumed feed, excessive feed, faecal matter, moulted Exo-skeleton, dead algae, which is rich in protein and carbohydrate, settles in the bottom and produces toxic gases, ammonia / hydrogen sulphide. This deteriorates the healthy environment and causes damages to the Fish culture and enhances the proliferation of pathogenic bacterial population. This contributes to the pollution of the pond bottom and lead to disease outbreak.

Hydrostar is an innovative and unique blend of biodegrading microbes for water and soil which allows the activation of large number of viable probiotics for use in aquaculture ponds.

Feature & Benefits

- Effectively reduces toxic gases like **Ammonia**, **Nitrite**, and **H₂S** in pond water.
- Produces natural **antibacterial and antifungal compounds**, suppressing harmful microbes such as Vibrio, Salmonella, Aeromonas, and E. coli.
- Eliminates **bad odors** and removes **geosmin**, preventing muddy smell in fish.
- Helps maintain **stable pH, alkalinity, and algal balance** in ponds.
- Performs effectively across wide **salinity (0–50 ppt)** and **pH (6.5–9.5)** ranges.
- Promotes the growth of **healthy phytoplankton and zooplankton**.
- Reduces **organic sludge (black soil)** through powerful waste-degrading enzymes (amylase, protease, lipase, cellulase).
- Enhances natural **nitrification**, converting ammonia into nitrites and nitrates safely.
- Supports a balanced **pond ecosystem**, improving survival and yield even under high stocking density.
- Promotes **faster fish growth** with lower FCR and better body weight.
- Minimizes the need for **frequent water changes**, saving time and cost.

Composition

Particulars	Specifications
Appearance	Off White to Ivory white colour powder
PH (10%)	5.0 – 8.0
Moisture	NMT 10.0%
Probiotics Composition	NLT 30 BILLION CFU/gm
Nitrosomonas sps	
Nitrobacter sps	
Bacillus Subtilis	
Lichiniformis	
Bacillus Megaterium	
Rhodobacter sps	
Paracoccus Pantotrophus	
Cellulomonas sps	

Dosage

For Fish – 250 – 500 grams / acre upto 7 feet depth. Repeat the same for every 10 to 15 days interval based on the pond condition or as per nutritionist advice.

For Shrimp – 500 grams – 1kg / acre in 7 feet depth. Repeat the same for every 10 to 15 days interval based on the pond condition or as per nutritionist advice.

Manufactured & Marketed by :



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