



**Naturally healthy ponds!!**

## Why **ProXP\***?

- ◆ Post 30 days of culture are extremely crucial. During this period, due to high organic load, water quality deteriorates rapidly resulting in reduced levels of dissolved oxygen and anaerobic conditions
- ◆ Ammonia, Nitrite & Nitrate are the organic killers in the pond and can cause rapid and massive mortalities in aquaculture ponds. Continued exposure to these toxics, even at low levels reduces the animal's disease resistance, stunts growth and dramatically impacts yield.
- ◆ Prawn health also deteriorates increasing stress and affecting growth. Shrimp will often feed much less, or stop feeding altogether in these conditions. They become desperate for Oxygen and swim on the water surface.
- ◆ Since artificial aeration is not sufficient to supplement oxygen levels, **ProXP\*** become imminent.

## What is **ProXP\***?

- ◆ **ProXP\*** is a synergistic blend of bioremediative bacteria, which are very effective in decomposition of undesirable organic substances in aquaculture water and significantly improves the ecological environment of the pond.
- ◆ These strains are selected not only for their ability to neutralize toxics but synergistically break down degrading organic matter.
- ◆ A bio-product successfully demonstrated in Indian aquaculture.

## How does **ProXP\*** work?

- ◆ **ProXP\*** with its specific, non-pathogenic, beneficial microorganisms continuously biodegrade variety of accumulated organic load at the pond bottom.
- ◆ Removes the organic load through a continuous mineralization process in a systematic way and release nutrients into the pond environment.
- ◆ Constant availability of the nutrients helps in stabilizing the algal bloom till the end of culture period.
- ◆ Provides good survival rate as well as substantial growth over all other conventional processes.
- ◆ Inhibits sludge formation at the pond bottom.

## Advantages of **ProXP\***

- ◆ Powder form, Easy to broadcast & handle.
- ◆ Direct application
- ◆ Stable algal bloom
- ◆ Pond bottom is very clean and free from pollutants
- ◆ Animal is clean and healthy, free from diseases
- ◆ Excellent growth rate with best feed consumption
- ◆ Relatively less or no chemical usage
- ◆ Good survival rate and improved yields

## Broadcasting recommendations:

It is very important to develop an appropriate level of algal bloom. We recommend a pond water transparency (Secchi disc of 35-45 cms prior to first application of **ProXP\***).

Preferably broadcast between 08.00 - 11.00 AM (sunny day)  
Paddle wheel aerators should be turned on during the application.

Stocking Density (P.L./ sq.m)	Initial Dosage (Kgs / Acre)	Repeat Dosage (Kgs / Acre)
< 20	10	5
20-40	12	5
40-60	15	5 -10
> 60	20	10- 20

Broadcasting recommendation of **ProXP\*** are a factor of ammonia levels, nitrite & nitrate levels, pH, D.O. & microbial levels. Periodic checking of water & soil parameters helps in optimizing broadcasting quantity of **ProXP\***. Consult your aquaculture expert for exact dosage and directions

**Presentation:**  
Powder, 25 Kg Bag & 5 kg pouch

