

# PROFS<sup>®</sup>

A complete probiotic solution for shrimp ponds



Biostadt  
Aqua-Super-Specialties



## A complete probiotic solution for shrimp ponds

A probiotic blend containing multiple strains of bacterial spores that produce enzymes to enhance pond water and bottom quality for high shrimp productivity.

### Specially selected strains of bacterial spores

- *Bacillus sp.* & *Pediococcus sp.*
- Cultured from aquatic environment as a natural source.
- Long shelf life and highly viable colony forming units (cfu).
- Produces enzymes such as pectinase, protease, amylase,  $\beta$ -galactosidase, lipase and cellulase.

### Minimum of 4 Billion cfu/gm

### Mode of action

- Production of antagonistic compounds to inhibit pathogen growth.
- Competition for attachment sites and avoids the colonization of harmful *Vibrio sp* growth.
- Competition for nutrients.
- Alteration of enzymatic activity of pathogens.
- Immunostimulation and prevention of diseases.
- Improvement of feed digestibility and utilization.

### Functions

- Competitive exclusion.
- Outcompete pathogenic bacteria.
- Reduction of suspended organic matter.
- Reduce BOD & COD.
- Improve DO level and enhances productivity.
- Elimination of toxic gases i.e.  $\text{NO}_2$ ,  $\text{NH}_4$ ,  $\text{H}_2\text{S}$ .
- Improve benthic/sediment conditions.
- Encourage healthy phytoplankton bloom and stabilizes zooplankton populations in the pond.
- Provide alternative food source.
- Stabilize pond pH and maintain optimum alkalinity.

Manufactured & Marketed by :



### Biostadt India Limited

602-A, Poonam Chambers,  
'A' Wing, Dr. A.B.Road, Worli,  
Mumbai 400 018, Maharashtra, India  
[www.biostadt.com/aqua](http://www.biostadt.com/aqua)

® Registered Trademark

An ISO 9001:2008 Certified Company

An ISO 14001:2004 Standard Company

Customer Care Cell: Tel: 022-66520625

E-Mail: [customercare@biostadt.com](mailto:customercare@biostadt.com)

Imitation of Label Graphics is a Punishable offence

In Technical Collaboration with :

# NOVUS

International Inc

[www.novusint.com](http://www.novusint.com)