



असं न विभूतं मया



TIL Biosciences

# ECOMASK<sup>®</sup>

Encourages post larval survival



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## Vision

TIL Biosciences envisages the need for creation of a stable environment through the usage of ecofriendly healthcare products that are free from antibiotics and steroids, to sustain animal life, food chain and ecology.

Tablets (India) Limited's research desk after a decade of exposure in the aquaculture industry, identified that the early mortality is a major obstruction in shrimp farming.

The present investigation led by a premier research laboratory and the Research & Development lab of Tablets (India) Limited found that the Acute Hepatopancreatic Necrosis Disease (AHPND) was predominantly caused by *Vibrio parahaemolyticus*. This mostly takes place within 45 - 60 days in the shrimp farm operations, post stocking at the grow out ponds. This leads to huge economic loss to the farmers. This has emerged as a devastating disease in the shrimp industry.

Upon continuous intense research for about 5 years, this team was able to develop a non - antibiotic phytochemical formulation against this fatal disease outbreak. After detailed and repetitive studies an effective synergistic formulation with antimicrobial activity was developed using non - antibiotic phytochemical compounds. This combinatorial therapy effectively acts against disease causing bacterial pathogen. They are phytochemicals with biologically active substances extracted from non hazardous natural resources.

The present formulation is found to be user friendly, highly effective with no side effects, devoid of antibiotic, steroids and hormones. Therefore, this formulation is potential to target bacterial challenges and to be a suitable alternative to antibiotic usage. During the critical phase of such a disease occurrence the formulation exhibits its potency in treating the infections thereby decreasing the mortality rate. Further, exhaustive study on phytochemical compounds have found that the efficacy of a single bioactive compound could be logarithmically enhanced, when it is used in combination of selected synergistic compounds rather than a single one.

Based on this concept Ecomask was formulated. This permutation of Ecomask is highly stable for long period of time with long lasting activity without much storage specifications and eco-friendly in nature.



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Ecomask has been designed to mask bacterial and related syndrome which affect post larval survival after stocking shrimp.

Protect the post larval survival upto 45 – 60 days which is the most fragile period in shrimp farming.

Promotes uniform growth between the treated and the untreated during the early phase of culture.

Promotes reduced FCR among the treated shrimp.

**Composition** ● ECOMASK<sup>®</sup> is a synergistic blend of dicalcium phosphate, terpenoids and phenolic compounds derived from natural resources. The blend is completely non reactive with inert binders for use in aquaculture.

**Dosage** ● 5 gmsof ECOMASK<sup>®</sup> per Kg of feed.  
● ECOMASK<sup>®</sup> to be administered both in the morning and evening meals upto 45 days.  
● ECOMASK<sup>®</sup> is to be mixed with a good binder.

**Usage** ● Usage of ECOMASK<sup>®</sup> may be extended beyond 45 days based on the performance.

**Shelf Life** ● Best before 18 months from the date of manufacture, if stored in dry place under 38°C

For Aquatic Animal Feed Supplement use only  
Not for Human Consumption

Manufactured by



Tablets (India) Limited

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Marketed by



TIL Biosciences

(Animal Health Division of Tablets (India) Limited)

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