



Epicore BioNetworks Inc.

## **EPIZYM<sup>®</sup>-BGM** Biological Growth Medium

### **PRODUCT DESCRIPTION**

**EPIZYM-BGM** is a specially formulated growth medium developed to maximize cell culture reproduction in pond-side grow-ups of EPICIN<sup>®</sup> aquaculture pond treatments.

### **BENEFITS TO AQUACULTURE**

- Greater numbers of beneficial microorganisms can be harvested at pond-side for a more powerful pond treatment
- Offers an economical way to provide required dosage of beneficial microorganisms.
- The complex BGM formula developed after extensive research in Epicore Laboratories provides maximum microorganism growth at the minimum cost.
- Offers a more complete and bio-secure growing environment for beneficial microorganisms than provided by homegrown media.

### **MODE OF ACTION**

The complex BGM formula developed after extensive research in Epicore Laboratories provides maximum microorganism growth at the minimum cost.

### **INGREDIENTS**

Contains basic inorganic nutrients with a special organic carbon source and special growth stimulants.

### **PRODUCT DATA**

Form	Powder
Color	Non-uniform, light brown
pH	Approximately 6.9 (5% solution)
Bulk Density	Approximately 0.8 gm/ml (49 lbs./cubic foot)

### **TREATMENT SUGGESTIONS**

EPICIN treatment rate, when used in conjunction with EPIZYM-BGM, depends on the objective set. If a more powerful EPICIN treatment with a greater effective level of microorganisms is desired, follow the **full rate** recommendation shown below. If a more economical treatment with the same effective level of microorganisms is desired, follow the **reduced rate** recommendation below. The following recipes will treat a one-hectare grow-out pond. Adjust mixture ingredients proportionately for ponds of different sizes.

<b>Ingredient</b>	<b>Full Rate</b>	<b>Reduced Rate</b>
<b>EPICIN</b>	<b>5 kg</b>	<b>2.5 kg</b>
<b>EPIZYM-BGM</b>	<b>2 kg</b>	<b>2 kg</b>
<b>Water</b>	<b>220 liters</b>	<b>220 liters</b>

Add BGM to clean (disease-free) water; stir mixture; bubble air into mixture; add EPICIN; continue stirring and air injection for 8 hours; apply mixture to pond.

## Epicore BioNetworks Inc.

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### IMPORTANT NOTICE TO PURCHASER

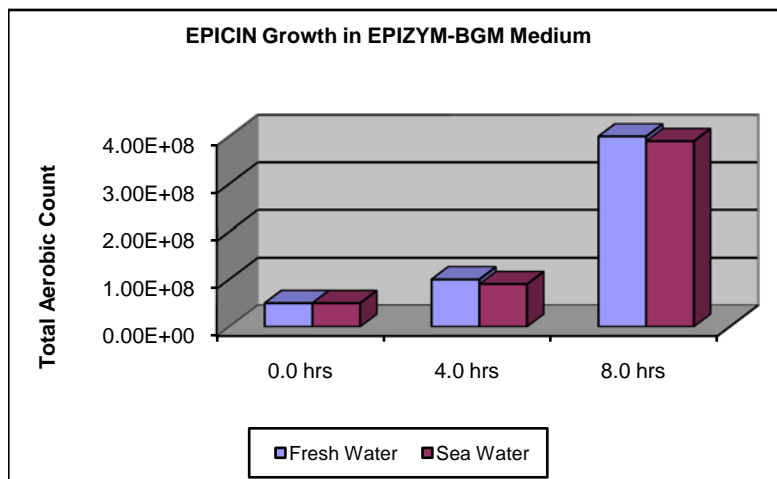
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## PRODUCT PERFORMANCE

Laboratory tests were conducted in July 1998 to determine if water salinity affected EPICIN grow-up in an EPIZYM-BGM medium solution. The following plate count data showed how BGM strongly promotes EPICIN growth. EPICIN growth was 4.5 times in either water.



## PRODUCT STORAGE

- Keep dry.
- Do not store continuously at temperatures above 40°C.
- Store out of direct sunlight in a well ventilated area.
- Do not pre-mix with other products not recommended by Epicore especially biocides and harsh chemicals.

## SHELF LIFE

Shelf life is two years if stored as recommended.

## PACKAGING

Supplied in 40-kg fiber drums with polyethylene liners and in 10-kg (5 U.S. gallon) open head polyethylene pails.