



EPIZYM[®]-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[®] 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.

Ingredient	Full Rate	Reduced Rate
EPICIN	5 kg	2.5 kg
EPIZYM-BGM	2 kg	2 kg
Water	220 liters	220 liters

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.

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IMPORTANT NOTICE TO PURCHASER

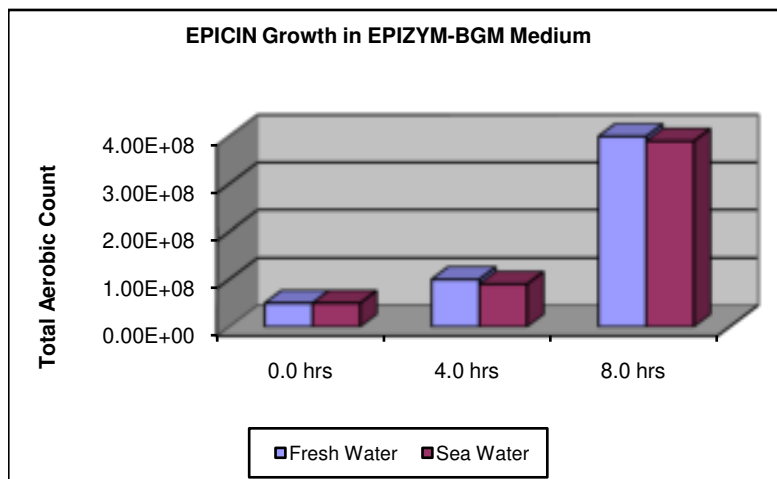
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PRODUCT PERFORMANCE

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.