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**

<table>
<thead>
<tr>
<th>Form</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Non-uniform, light brown</td>
</tr>
<tr>
<td>pH</td>
<td>Approximately 6.9 (5% solution)</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>Approximately 0.8 gm/ml (49 lbs./cubic foot)</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Full Rate 5 kg</th>
<th>Reduced Rate 2.5 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPICIN</td>
<td>5 kg</td>
<td>2.5 kg</td>
</tr>
<tr>
<td>EPIZYM-BGM</td>
<td>2 kg</td>
<td>2 kg</td>
</tr>
<tr>
<td>Water</td>
<td>220 liters</td>
<td>220 liters</td>
</tr>
</tbody>
</table>

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 – Bringing You the Science of Survival**
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.

![EPICIN Growth in EPIZYM-BGM Medium](image)

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.