



Soil & Water Treatment

## Bacteria & Enzyme BE500

BE500's bacteria & enzymes target stress relief, disease prevention, & reduction of suspended solids & sludge.

BE500 is a unified blend of bacteria and enzymes known for their outstanding benefits in fish and shrimp culture.

BE500 is specifically formulated with up to seven fast growing species plus three antivibrio species blended with a value added carrier containing broad spectrum enzymes, trace minerals and micronutrients all essential to the growth of shrimp and fish. These strains likewise control ammonia and reduce suspended solids, sludge build-up and pond organic loading.

This special formula is known to produce the following enzymes: Amalase to digest starch, Xylanase to digest xylan, Pectinase to reduce pectin, Ligninase to digest lignin, Protease to digest protein, Cellulase to digest cellulose and Lipase to reduce fats & oil.

BE500 benefits:

- Maintains pH and accelerates waste breakdown
- Controls water clarity and dense algal color in ponds and tanks
- Eliminates offensive odors and treats off-flavor in harvested fish or shrimp
- Reduces Biological Oxygen Demand hence, increases dissolved oxygen availability to farmed shrimp and fish
- Dissolves leftover feed, fecal matter, and decaying organic waste and sludge
- Suppresses pathogenic bacteria populations and lowers ammonia, nitrites, hydrogen sulfide and other toxic gases.
- Establishes a solid base for competitive exclusion, therefore decreasing mortality and improving feed conversion

*The Complete Aquaculture Program*





## BE500

### Application

#### *Hatchery application:*

Treat at 0.5 gm per cubic meter of tank water  
1-2 times per week until harvest.

#### *Grow-out application:*

Treat at 500 gm / hectare once a week.  
Repeat after 2 days if necessary.

#### *General Application instructions:*

Mix recommended dose with 10L of tank water or  
100L of pond water. Aerate dilution for at least 2  
hours. Apply evenly over tank surface, or if grow-  
out, over soil or pond surface.

#### *Caution:*

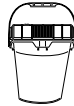
Apply only when culture animals are healthy and  
are not being medicated. Apply product in early  
morning or late evening, with vigorous aeration.  
The manufacturers assume no liability, expressed or  
implied, in the use of this product.

For optimal FCR utilize the **e<sub>z</sub>** Aquaculture feed  
schedule.

### Composition

Formula contains probiotic bacteria, dry premium  
natural trace minerals, multiple enzymes, organic  
enzymatic agents, and stabilizers.

### Packaging



18kg pail  
Screw-head Pail

### Handling and Storage

Apply only as instructed. Though this product is  
non-toxic and non-hazardous, it is not suitable for  
human consumption. The manufacturer assumes  
no liability, expressed or implied, in the use of this  
product.

Store this product out of direct sunlight in a cool dry  
area (under 40° C). Keep container sealed tightly.  
For best results, use within 12 months.

Request a BE500 MSDS for more information.

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