

DIGESTER

Sludge digesting probiotics



Formation and accumulation of sludge in intensive ponds is generally perceived to impact shrimp production, although there have been few systematic investigations. Sludge deposits are suspected as the site of much of the biochemical oxygen demand, mineralization of nutrients from organic matter, formation of toxic metabolites, and possibly the site of nutrient and organic matter recycling back into the pond food web. To determine the effect of sludge on water quality, nitrogen extinction and Fish production, three sludge management regimes were tested:

- (1) leaving sludge undisturbed in the pond (REMAIN);
- (2) removing sludge accumulations at weekly intervals (REMOVE); and
- (3) resuspending or moving sludge deposition daily to reduce the degree of anoxia (RESUSPEND)

Benefits

- Decomposes sludge & waste
- Decomposes H₂S & Odonoxious gases
- Reduction of BOD & COD
- Improves zoo plankton in the pond
- Prevents other harmful pathogen bacteria
- Maintains good pond bottom.

Composition

Live beneficial such as Bacillus Subtills, Bacillus Licheniformis, Bacillus Polymyxa, Nitromonas, Nitrobacter, Pseudomonas, Nitrifying & Denitrifying bacteria.

Rhodobacter Spearoides	: 2x 10 ⁹ (CFU/ml)
Rhodopseudomonas palustris	: 2x 10 ⁹ (CFU/ml)
Rhodococcus erythropolis	: 2x 10 ⁹ (CFU/ml)
Rhodobacter capsulatus	: 2x 10 ⁹ (CFU/ml)

Dosage

Dosage: 2 to 5 ltrs/acre or as advised by aqua consultant/expert.

Manufactured & Marketed by :



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