

BACKRETE® 5B

POND CLARITY TABLET

Sludge and muck treatment

A specially blended bacterial tablet for maintenance of water quality and sludge reduction in lakes and ponds

What is it?

Tablet to remove organic matter from a variety of water systems containing fish and animal wastes or decaying plant material.

Uses

Degrades sludge, prevents future build up, and maintains water quality safe for sustaining aquatic life. Eco credentials Contains non-pathogenic Class 1 microorganisms that are both environmentally responsible and safe for the end user.

How it works

A combination of chemistry and microbiology work together to degrade organic matter and out-compete problem microbes.

PRODUCT AT A GLANCE

Backrete 5B Pond Clarity Tablets are a solid, bacteria based, application-specific product used to remove organic matter from a variety of water systems containing fish and animal wastes or decaying plant material.

A stable aquatic environment is a delicate balance between creation and removal of wastes.

If this balance is disturbed then water may become cloudy and dissolved oxygen levels depleted by high demand. Compounds toxic to aquatic life can also build up, making it difficult to restore balance without excessive and expensive cleaning.

The key to keeping healthy ponds is the maintenance of high water quality. The common means to achieve high quality clean water is an effective biological filtration system and aeration. Effective biological filters rely on the build-up of a microbial biomass that removes solid and dissolved waste materials. **Backrete 5B tablets** work quickly from under the surface of the water to degrade sludge, prevent future build up, and maintain water quality safe for sustaining aquatic life.

APPLICATIONS

- Manufacturing run-off ponds
- Ornamental & recreational ponds & lakes
- Closed water systems
- Commercial fisheries and prawn farm
- Fresh, brackish and saline applications

TYPICAL POND TREATMENT

Each case of the **Backrete 5B Pond Clarity Tablets** is 50 pounds of product, in two 25 pound bags = 227 total tablets per case. These tablets are about the size of a small jar lid. When dispersing the product, if possible, try to spread out the (5) tablets uniformly throughout the pond. However, this process does not need to be anywhere close to exact, the bacteria will go to work, replicate, and begin degrading the sludge no matter where it is dropped in the pond.

For a typical pond that is about 450,000-500,000 gallons:

Shock Treatment:

- Weeks 1&2: Apply 5 Tablets per Day
- Weeks 3 to 6: Apply 5 Tablets per Day every other day
- Week 7: Apply 5 Tablets twice per week

Maintenance Treatment:

- Apply 5 Tablets Weekly
- One case, at this treatment rate, provides enough 100 Gram Pond Clarity Tablets to Shock & Maintain your pond for 22 Weeks = 5 1/2 Months.



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FEATURES AND BENEFITS

- Optimized proprietary bacterial consortium to degrade a broad range of organic matter for removal of fish and feed wastes
- Bacteria also degrade decaying plant material; reducing suspended solids, silt and sediment
- Helps removal of toxic substances that form during anaerobic metabolism (volatile fatty acids) preventing septicity and stabilizing pH
- Helps maintain water clarity and promote a healthy environment and phosphate concentrations
- Regular dosing will enhance water quality, leading to reductions in ammonia, nitrite and phosphate concentrations
- Bacteria selected to work in conditions of high salinity and low oxygen
- Can help increase levels of dissolved oxygen
- Safe, fast aquatic biological filter start-up and improved filter performance, reducing the frequency of water changes
- Reduces shock to pond life that can arise with large water changes
- Removes the need for other chemical purification methods
- Bacillus species 100% in spore form providing long product shelf life
- Manufactured in accordance with recognized international standards, ISO 9001

PRODUCT SPECIFICATION

BACTERIAL COUNT

5 Billion colony forming units per gram
5E+9 CFU/g

TARGETED COMPOUNDS

Organic debris, sludge build-up, cellulose

BACTERIAL TYPE

Bacillus spores

FORMULA PROPERTIES

Off-white tablet with characteristic odor
(available in Canadian approved (CB) formulation)

EFFECTIVE PH RANGE

4.0 - 11.0

EFFECTIVE TEMPERATURE RANGE

45-120°F (5-50°C)

PACKAGING

50lb box: 2 x 25 lb bags, 100g tablets

SHELF LIFE

24 months in original, unopened container

Lead time to ship is 10 days.



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