



# Dry Bacteria Sludge Control

Like all Avir *Natural Water* bacteria products, Avir *Natural Water* Dry Bacteria cost-effectively eats up duck, geese and fish waste, plant material, odor causing volatiles and organics that become sludge.

Avir *Natural Water* Dry Bacteria is a specialty blend of select strains of bacteria specifically targeted for their sludge control and muck digesting capabilities. The strains in this product are hearty and they cause the natural degradation of organic contaminate to happen quickly both aerobically and anaerobically.

By consuming the organic materials that become sludge, Avir *Natural Water* Dry Bacteria's superior microbes help naturally control and reduce the volume of contaminate in a lake or pond sludge bed and keep it from getting out of control.

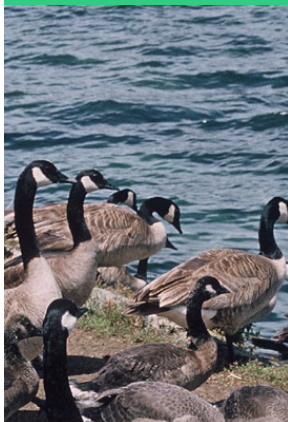
- Available in dry bulk or convenient ½ lb. soluble pouches
- All natural; pathogen free
- Safe for fish, plants and humans
- Consumes excess nutrients that promote unwanted growth
- Reduces or eliminates chemical treatments

### Avir Environmental Corporate Mailing

P.O. Box 629  
Denver, CO 80151 USA

Email: [info@avirenviro.com](mailto:info@avirenviro.com)  
Phone: 303.300.1515  
Fax: 303.783.0485  
Web: [www.avirenviro.com](http://www.avirenviro.com)





## Dry Bacteria Sludge Control Application Guidelines

### Application Rate for Water Column Treatment

(1 acre foot = a surface acre 1' deep or 326,000 gallons)

*Initial:* 3 lb per acre foot (9 lb per 1.0M gallons)

*Weekly:* ½ lb per acre foot (1.5 lb per 1.0M gallons)

For bulk bacteria, mix in a 5-gallon pail with enough pond water to broadcast as evenly as possible over wager surface

For pouches, toss in near aerator or source of agitation

### Application Rate for Sludge Bed Treatment

*Usage:* 25 lb per surface acre (½ lb per 1000 sq ft)

2-4 times/year; dilute adequately and inject evenly into sediment

### For Optimum Results

- Always follow application rates and directions
- Apply when ambient temperature is 50°-90° F; dissolved oxygen level is over 1.0 ppm; pH is 6-8 alkalinity is less than 100 ppm
- Use with other *Avir Natural Water* Enzyme, Bacteria, Trace Minerals and Phosphorous Reduction products for a full treatment program
- Proper aeration will enhance product performance

### Technical Specs

In Use pH Range:.....Neutral

Solubility in Water.....Mostly Soluble

Odor.....Characteristic

Appearance.....Light brown powder

### Packaging, Handling and Storage

Size	Dimensions (LxHxW)	Weight
10 lb pail	12" x 12" x 12"	12 lbs
25 lb pail	18" x 18" x 7"	28 lbs

Store this product out of direct sunlight in a cool dry area. For best results, use within 12 months. Request an *Avir Natural Water* Dry Bacteria MSDS for more specific information.

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