

POND BOSS

Assist bacteria in the natural biodegradation of odors and cleaning water...

THE PROBLEM

Black smelly dugout water during winter and early spring is usually caused by decaying organic matter entrapped in the dugout, organic matter builds up in dugouts from algae and weed growth and is also washed in to the dugout by runoff water. In the fall, after algae and weed growth stops, decaying begins along with other materials such as tree leaves, grass and even manure. The decaying continues after freeze-up and water is robbed of oxygen. In other words, it becomes septic. Under these conditions, odor is reduced and water turns black.



THE SOLUTION

Pond Boss speeds up the decaying process when applied in the early spring to early fall. When freeze-up arrives, the decaying is complete and the water is not robbed of oxygen. The result is clean, odor-free water.

WHAT IS POND BOSS?

Pond Boss is a safe organic product that stimulates the natural process for breaking down organic wastes, when used according to directions, the water is safe for fish, livestock and humans. There are no hazardous residues as **Pond Boss** is biodegradable.

WHEN TO USE

Pond Boss is most effective when the application procedure is started between April 1st and October 31st, when weather is warmer. Climate conditions vary greatly from year to year, so application can be started accordingly, it may be applied during the winter, effectiveness is reduced however, due to ice covering, no new debris are coming into the pond, therefore results are still very favorable.

HOW TO USE

The following application rates are based on a standard size 1 million gallon dugout (180'x 60'x 14'), to determine the size of a non-standard dugout, use the formula:

length ft x width ft x depth ft x 6.25 = number of gallons

length ft x width ft x depth ft x 25 = number of litres

DIRECTIONS

Treatment for ponds, dugouts and community reservoirs 1 million gal (4,000,000 l). Mix 2.5 gal (10 l) **Pond Boss** in 15 gal (60 l) of water and spray or throw into pond or dugout on windward side. Repeat 14 days later. Apply the same as above. In order for **Pond Boss** to work faster, distribute evenly around the dugout.

Please Note: For ponds or dugouts of less than one million gallons, treat with 1 oz. (30 ml) of **Pond Boss** per 2,500 gal (10,000 l).

Safe for fish when used as directed. Could be harmful to trout above 5 ppm. Less sensitive fish, above 10 ppm.

Note: During the first 4 weeks of **Pond Boss** treatment, the water may become murky. This is due to the **Pond Boss** speeding up the natural decaying of organic matter. Following the phase, the water will clear up within 4 weeks.

To help you in determining the amount of **Pond BOSS** you need to treat your pond
try out our helpful calculator

Product Calculator

MAINTENANCE OF DUGOUTS

Pond Boss should be applied in warm water. Its effectiveness may be increased and the amount required each year may be reduced when the following procedures are followed;

1. An effective algae control program must be followed. Use of an Algaecide is recommended as it not only controls existing algae, but prevents rapid re-growth of algae, which contributes to a reduction in organic matter that builds up in the dugout.
2. An effective water weed control program must be followed. Use only government approved aquatic herbicides, or remove weeds using mechanical methods (dragging heavy chair, or spike harrows through dugout). To endure successful Pond Boss treatment, apply herbicide at least one month before initial application.
3. Clear all brush and trees back 200' from dugout, seed this cleared area (fescue, bluegrass, etc.) Do not seed alfalfa or clovers as they will taint the water. Keep the grass trimmed and remove all cuttings. These procedures will reduce the amount of organic matter being washed into the dugout by runoff water.
4. Do not apply fertilizer to adjacent areas.
5. The dugout intake pipe should be mounted on a float and adjusted to take in water no deeper than 3 feet deep during the summer. Re-adjust to a depth of 5 feet for winter use

1. FLOCCULENT: Pond Boss dissolved in water will flocculate suspended particles in the water and cause them to sink to the bottom. Flocculating means: To pull small particles together to form larger particles. Pond Boss will flocculate particles at low concentrations (for example, 1/10 ppm)

This property of Pond Boss can be used to clear cloudy, turbid, muddy, rusty and similar type conditions in water. Some of the places where this property is useful are as follows; to clear water in dugouts, cooling systems, cooling towers, ponds, lakes, streams and all types of agricultural water where suspension of particles need to be cleared away.

Water tested with can be cleared either by dropping flocculating particles to the bottom or by trapping the flocculating particle in a filter system. Consequently, another use of Pond Boss is to increase the efficiency of filter systems, for example in industries where water is used over and over again and is cleaned by filtration through sand and gravel, diatomaceous earth, activated charcoal and similar types of filtering materials.

2. SURFACE CONDITIONING AGENT: Pond Boss in water produces a surface condition on the sides and bottoms of containers holding water that prevents dirt, biological slimes, chemical scales, from sticking or clinging to the surface of cooling towers when Pond Boss is added to the water in the cooling system.

This property of Pond Boss is also useful in water filtration's. Sand and gravel, diatomaceous earth, charcoal and other types of filters become plugged with chemical deposits. When Pond Boss is added to the water going through such filters the clogging deposits are broken loose from the filtering material and the efficiency of the filters and the length of time that the filtering material can be used are increased. Pond Boss will also prevent build up of biological slimes which can plug filters.

The surface cleaning properties of Pond Boss are also useful in removing chemical scale and rust from radiators, pipelines, valves and vegetable and fruit washing equipment.

3. ACCELERATED BIOLOGICAL DEGRADATION OF ORGANIC WASTE: Pond Boss is useful in clearing and cleaning water by speeding up the biological degradation of suspended organic substances in water. In

organically polluted waters, the presence of **Pond Boss** will cause the organic pollution to be broken down biologically more rapidly thus cleaning and purifying the water more quickly that can be accomplished if biological action is allowed to build-up at a natural rate.

[Label / Information / Product Calculator / Safety Data Sheet](#)



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