



Dosage and Application Recommendations For Smaller Ponds

First, calculate the surface area in acres:

GALLONS IN PONDS MEASURED BY FEET - AVERAGE DEPTH 1 FOOT

FEET	10	20	30	40	50	60	70
10	748	1496	2244	2992	3740	4488	5236
20	1496	2992	4488	5984	7480	8976	10472
30	2244	4488	6732	8976	11220	13464	15708
40	2992	5984	8976	11968	14960	17952	20944
50	3740	7480	11220	14960	18700	22440	26180
60	4488	8976	13464	17952	22440	26928	31416
70	5236	10472	15708	20944	26180	31416	36652

Second, multiply by average depth in feet. Now, determine the initial dose. We recommend .125 liters (125 milliliters) per 500 gallons. Maintenance doses are usually .020 liter (20 milliliters) per 500 gallons, but may vary with conditions. Dose once every 1-2 weeks. The bottle has a measuring chamber marked for quantities from 10 to 25 milliliters. Just squeeze the bottle (with the caps both on) to fill the measuring chamber. Then open the measuring chamber cap and pour.

Application of Clear-It is relatively simple. Just pour it into or spray it on the water. It can be mixed with varying amounts of pond water for application – just make sure all the product gets into the water. Do not spray or pour Clear-It on the algae itself, as it has no effect on it and is a waste of product. Clear-It works by preventing the absorption of nutrients in the water. It is, therefore, essential to get it into the water, not on the algae.

Surrounding conditions can affect the working of the extract. High flow-through of water will wash the extract out of the pond and dilute its effectiveness. High levels of fertilizer and other nutrients run-off into the pond will require higher levels of Clear-It and may



overwhelm the extract altogether. It is better to stop the nutrient run-off at its source. Organic matter decaying in the pond will provide nutrients and should be prevented or removed, if possible. Using a microbial product, such as Remove-It to digest organic sludge can be very helpful. Make sure there is sufficient aeration in the pond if sludge digesters are used.

Be careful not to pull on or cut string algae. This action will expose internal cells to nutrients and cause the growth rate to double or quadruple. Remove string algae only if absolutely necessary and dose immediately at the initial level or higher. Continuous exposure to high levels of sunlight will also increase the growth rate of algae. The dosage should be increased to compensate. A certain amount of experimentation is required to find the optimum dosage for the conditions of a specific pond. Extract of barley straw is an all-natural solution. The exact dosage will vary with each pond's situation. It is impossible to overdose, as the extract is completely harmless to all forms of life and safe enough to drink.

The extract starts to work immediately to prevent nutrients from being absorbed. However, it takes some time for the existing algae to die and decompose. You should begin to see results in 6 weeks, but it can take longer for a pond's ecosystem to stabilize. The best approach is to begin dosing as soon as the water temperature reaches 50 degrees Fahrenheit and continue maintenance doses throughout the season. Adjust dosage for conditions throughout the season – for example, use more during a hot, sunny August.

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