

## NON-TOXIC ALGAE CONTROL FOR SMALL LAKES & PONDS

The conventional treatment for killing algae in lakes and ponds has been the application of copper-based chemicals, usually copper sulfate. However, elemental copper quickly precipitates out of solution and settles into the bottom sludge. This is why frequent applications are necessary, and costly. Even more serious is the fact that copper is a toxic chemical. Since accurate application is virtually impossible, the danger to the life of fish and water fowl is very great and the continuing copper build-up on the bottom sludge increases this hazard.

Instead, reports Water & Waste Water Systems, Inc., rather than attempting to kill algae after it has already grown and become a visible nuisance, a better way is to prevent its growth by reducing its food supply, phosphorus.

This can be done by periodic applications of a low cost non-toxic product called Water-Cleer. Tests have shown that Water-Cleer can reduce phosphorus levels in excess of 90% as well as reducing BOD levels up to 75%. BOD is the demand for oxygen in water to destroy the dissolved and suspended contaminant level that may exist.

In addition, Water-Cleer acts to flocculate and coagulate the suspended matter in water, including planktonic algae and other micro-organisms that may be present, causing them to sink to the bottom. Water clarity is quickly improved, usually in hours.

Water-Cleer is packaged as a powder in small five pound cartons, each capable of treating up to 100,000 gallons of water. Water-Cleer is also effective for swimming pools which have become cloudy, turbid and loaded with suspended solids after the winter shut down, a heavy storm, or after refilling with heavily mineralized well water. The suspended matter is quickly coagulated so the filter can remove it.

For details and prices, write or call:

Water and Waste Water Systems, Inc.  
65 E. Palatine Road, Suite 215  
Prospect Heights, Illinois 60070  
Phone - 312/459-0330

Easter 1981

Hello Friend Ray Gerber,

You are doing a fine job with the **Bull Sheet**. I have a copy of November 1978 in front of me. I see it says Volume 32. Is that 32 years? Congrats.

Many years ago I looked up the records of how much Nitrogen we get from rain and snow. We have often heard that snow is a **POOR MAN'S FERTILIZER**. WHY? In Indiana they have a saying that when the snow flakes are large and a big snow protects the wheat. Then, it is snowing for the poor. When the snow flakes are small and dry, drifting easily, it is snowing for the rich. Reason: A heavy snow has a lot of nitrogen in it. Plus the fact it protects the wheat from winter injury, or wind burn. Therefore there will be a good crop. Wheat will be cheap and bread will also be cheap for the poor man. Interesting?

One can test the snow by sprinkling a bit of Bray's nitrate powder on it. A pink color will develop. The darker the color the more nitrate nitrogen it contains.

Facts were developed by Connell University many years ago. World wide the amount of N from rain and snow varies from 5 to 20 lbs. of N per year, per ACRE.

One can duplicate rain water by adding UREA thru the irrigation system. 1 lb. to 200 gallons of water.

Old Bill Lyons  
Lyons Den Golf Inc.

### Introducing a NEW, PROVEN Algae Control Process for lakes, ponds, reservoirs

- Cuts Off Algae's Food Supply
- Is Non-Toxic
- Doesn't Harm Grass or Plants
- Clears Cloudy, Turbid Water
- Easy to Apply, Inexpensive
- 5 Lb. Carton Treats 100,000 Gal.

**WATER-CLEER is Guaranteed  
to Satisfy or FULL REFUND**

Phone 312/459-0330  
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65 E. Palatine Rd. - Suite 215  
Prospect Heights, Illinois 60070

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