

ILLINOIS TURFGRASS FIELD DAY AND OPEN HOUSE

The 1969 Illinois Turfgrass Field Day and open house will be on September 12, 1969 from 10:30 a.m. to 3:00 p.m. The meeting will be at the turf plots on South Lincoln Avenue (one mile south of Florida Avenue) in Urbana. Lunch will be on your own.

The meeting will get underway under the "big top" with a discussion of the turf problem that occurred in 1969. Specialists in turf management, plant pathology, entomology, weed control, etc. will lead the discussion and answer your specific questions.

Specialists will conduct a tour of the turf plots giving a short summary of the work being conducted at each step. The specialists will remain at the different plots to visit with those with special interest in his work.

Be sure to come and bring along your fellow turf workers so that we can make this the biggest and best field day yet.

Dorothy H. Carey, Secy.
Illinois Turfgrass Foundation

ALGAE CONTROL

ALGAE CONTROL

Now that the warm weather is with us again many superintendents who have lakes on their golf courses will be faced with the problem of getting rid of the algae, which is unsightly and which often gives trouble at the pumping plant by blocking up the intake screen.

Copper sulphate, in the powder or crystal form, is widely used for the control of algae, it can be effectively applied in various forms such as:

1. By dragging a sack of the crystals by means of a boat up and down the lake in parallel paths about 15 feet apart, the wave action on the lake gives adequate dispersion.
2. Where the lake is fed by a creek a sack of the crystals may be placed in the creek where it enters the lake so that the water carries the dissolved copper sulphate into the lake.
3. By mixing the copper sulphate in powder form in the spray tank and then evenly spraying it on the surface of the lake.

The amount of copper sulphate required is usually based upon treating the top six feet of water in the lake; however in rare cases troublesome growths can be encountered at greater depths.

Where the lake supports fish life care must be taken to prevent an overdosage of the copper sulphate otherwise many of the fish will be killed. The following table shows the **minimum lethal** doses for various fish based upon a lake of ONE ACRE in surface area and SIX FEET in depth, and which contains approximately two million gallons of water.

Fish	Lbs. of Copper Sulphate per acre
Trout	2.40
Carp	5.00
Suckers	5.00
Catfish	7.00
Pickrel	7.00
Goldfish	8.00
Perch	12.00
Sunfish	20.00
Black bass	34.00

Where fish life was not of importance the writer has seen where 20 lbs. of copper sulphate completely cleared a one acre lake of algae in a few days.

C. E. (Scotty) Stewart

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