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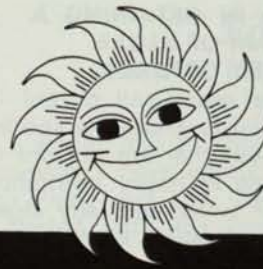
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### NEWLY PLANTED TREES NEED WATER AND CARE

Summer is a critical period for recently planted shade and ornamental trees. Not yet completely recovered from the effects of transplanting, they often need special care to withstand adversities associated with the season.

Water is their prime need. Hot summer days and drying winds take a great deal of moisture from the leaves and stems, which must be replaced through root absorption of soil water.

In transplanting a tree most of its wide-spreading, deep-growing roots are cut. Hence, in its new location, the only water that can be utilized is that which is in the soil close to the tree. If this soil area becomes dry, the leaves wilt, turn brown and drop and death of branches or the entire tree follows.

IT IS WISE, therefore, to water at regular intervals all trees planted within the past year. If your soil is sandy, water about once a week; if it is clay or loam, thorough watering every ten days to two weeks should suffice.

If you use an open-end hose, regulate the discharge so there is no run-off and let the water flow until the soil around the tree is saturated. For economy, use a soil irrigating lance to apply water directly in the root zone.

To determine whether or not you are supplying the proper amount of water, take soil samples between waterings at depths of 12 to 18 inches. The soil should be moist, but not muddy.

It is also extremely important to control insects. Since even a light infestation can cause severe damage to a newly planted tree, control measures should be applied.

## PROBLEMS ENCOUNTERED IN OBTAINING A SUCCESSFUL PROGRAM OF ALGAE AND AQUATIC WEED CONTROL

To obtain satisfactory algae and weed control in any body of water it is essential to know the species and amount of algae and weeds that are present in the body of water. A moderate to heavy infestation of aquatic weeds in a body of water with any algae problem is an important consideration in determining the recommendation to be made for algae treatment, for aquatic weed treatment, or for both. The greater the aquatic weed infestation, the more essential it becomes to treat the water either for both algae and aquatic weeds or to increase the dosage used for algae control. Most all registered algicides and aquatic herbicides are absorbed equally rapidly by algae and aquatic weeds. Therefore, a chemical added to a body of water which is heavily infested with weeds and algae and is being treated only for algae, may fail entirely because much of the algicide is being absorbed and detoxified by the aquatic weeds. A further look at the Questionnaire and Data Form suggests the problem that may be encountered in the control of algae and aquatic weeds. Other than the kinds and amounts of algae and weeds present, it is essential to know their location in the water and whether the algae and weeds are young and actively growing? All plants and algae are easier to kill in their earlier growing stage than when they are mature. Temperature of water is also important. Treat for algae and weeds in late spring or early summer after water temperatures have reached 62-65°F and before the aquatic plants have gone to seed.

The physical condition of the water is equally important in assuring successful control of algae and plants. Muddy water rapidly deactivates most of the known algicides and aquatic herbicides. Therefore, never treat a pond after a rain when the water may be muddy. The chemicals will be rapidly deactivated and will not perform. Be sure not to stir up the shallow water with oars, paddles, motors, or other equipment.

Time of application especially for algae control is important. The best time of the day to treat for algae is in the middle of the day in a bright sun when the algae are growing rapidly. They are much easier to kill when in an active metabolic state. Post-pone the treatment if conditions are not right.

The question is often raised—Will one treatment control weeds and algae all year? Usually aquatic weeds can be controlled with one application. It is sometimes necessary to spot treat a week or two later to take care of weeds which may have been missed by the initial application. For algae control it is usually necessary to treat more than once a season, followed by periodic spot treating when new growth appears. Algae are better controlled if the algicide is applied directly on the algae. If a pond has filamentous algae concentrated primarily near the shore or on the bottom in the shallow areas, use the recommended amount of algicide to treat the entire pond but apply it only where the algae are growing. Never add algicide to clear algae free-water. It probably will be wasted.

Finally, if the weed and algae growth are moderate to heavy, don't treat the entire body of water at one time. Treat half of it one week and half a week or ten days later. This will insure that the

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dead weeds and algae will not rapidly and completely deplete the dissolved oxygen. A great number of fish kills result not from any toxic property of the chemical used but from lack of oxygen caused by decaying dead algae and weeds.

Algae and aquatic weeds can usually be controlled satisfactorily in most bodies of water. To obtain satisfactory control, however, it is necessary to survey the body of water, to determine the kinds of weeds and algae present, the area, and the flow of water through the pond or lake. On the basis of this and other information a sound and successful recommendation for treatment of the body of water can be made.

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## Editorial

David A. Meyer, Superintendent  
Carson International Inc.

I would like to share with you some of the experiences I have encountered while working for Carson Pirie Scott and Company. Five years ago when I started with the company, they owned a daily fee eighteen hole golf course which they hoped to improve and expand the facilities around it. I accepted it as a challenge and a challenge it was!

Through the first 4 years improvements on the course itself included the reconstruction of 5 greens and 6 tees, which I had anticipated and completed. The other work such as landscaping of the complete complex, installation of 1800 ft. of sanitary sewer which paralleled the 10th fairway and crossed the 11th and 12th fairway and the storm sewer which crossed the 1st, 2nd, 3rd, and 9th fairways were not anticipated but was also completed.

Just when I thought I had everything under control, the executives of Carsons International approached me saying they were contemplating the purchase of a 36 hole course and asked for my opinion of the course.

Thinking back when I started working for Carsons their long range plans included the purchase of more golf facilities if the first one proved successful. Therefore Indian Lakes was purchased in November, 1973, and my challenges were renewed.

When ownership changes hands there are always problems. This is where public relations are very important. First is a complete inventory to see what you have and who you have to work with, secondly, gain confidence of your employees so as not to lose the valuable experience they have had working at this location. The public are a very important part of the operation and have to be informed that the purchase was made to upgrade and improve facilities. So now it is my job to keep the management and pro informed of any changes made at this time as they are the ones approached by the public.

I feel the only great major change will be in the club house accommodations.

My responsibility now is to maintain the 370 acres which includes 54 golf holes and all related facilities.

I find this entire operation advantageous as it is possible to purchase materials in larger quantities at better prices and service and also equipment purchased can be better utilized.

At this time my employees have proved very knowledgeable and dedicated. With the confidence our company has shown in me, I know there will be many more challenges to come.

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Around the turn of the century the American oil industry had problems. One of them was a nuisance called gasoline, which was a by-product of kerosene production. It wasn't good for much of anything, and the oil companies had difficulty in getting rid of it. When it became apparent that the horseless carriage was here to stay, gasoline was no longer a drug on the market, and small amounts of it were sold for use in these newfangled "gas buggies."

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**Safety Rules for Power Tools**

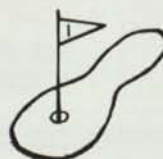
Ground all tools (unless double insulated).  
Don't remove or lock out safety guards.  
Be alert to area hazards such as gasoline.  
Make sure switch is off before plugging in cord — or  
when power is interrupted.  
Keep blades, bits and cutters sharp.  
Don't ever force the tool.  
Don't change bits or blades with tool connected.  
Secure work with clamps or vise.  
Don't attempt field repairs on tools.

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**Editor's Note:** I received the picture and following note and I pass it on to you for your judgment.  
Dear Ray,

How many times over the years have golf Superintendents sent a new man to the shop for a left-hand monkey wrench ??????

Well it happened to me: GUESS WHAT —, I finally found the cotton pickin' wrench — It only took me 30 years to find it. Now I've got a problem! Do you think the super is still waiting for me to bring him that wrench PRONTO?????

**BELIEVE IT OR NOT**

Rental or short term lease plan available on left-hand monkey wrench. First come basis only. Pony Express Delivery, Not Guaranteed.

The lost one,  
Len Schnepf  
Supt. Dominion C. C.

**From the Executive Desk**

The following is an article from a recent savings and loan periodical. It's message is obvious:

With the word, "inflation," on everyone's lips, we are reminded of a display at the New York World's Fair — the "Six Pillars of Economic Wisdom." The Fair is now long gone, but the message of this display rings especially loud and clear today.

"1. Nothing in our material world can come from nowhere or go nowhere, nor can it be free: everything in our economic life has a source, a destination, and a cost that must be paid.

"2. Government is never a source of goods. Everything produced is produced by people, and everything that government gives to the people, it must first take from the people.

"3. The only money that government has to spend is that money taxed or borrowed out of the people's earnings. When government decides to spend more than it has thus received, that unearned money is created out of thin air, and, when spent, reduces the value of all money, savings and insurance.


"4. In our modern exchange economy, all payroll and employment come from customers, and the only worthwhile job security is customer security; if there are no customers, there can be no payroll and no jobs.

"5. Customer security can be achieved by the worker only when he cooperates with management in doing the things that win and hold customers. Job security, therefore, is a partnership that prospers only in a spirit of understanding and cooperation.


"6. Because wages are the principal cost of everything, wide-spread wage increases without corresponding increases in production simply increase the cost of everybody's living."

America's greatness is due in part to these very "pillars." By all of us understanding and practicing these principles, we assure our country of becoming even greater. A noble task, indeed.

W. G. Schults



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