

flat-headed apple borers which may attack many species of shade trees, especially newly-set trees. Wrapping the trunk with heavy paper for two years after the trees are set will help protect them from borer attack.

*Leaf miners* should soon be appearing in the leaves of holly and hawthorn. These tiny worms tunnel between the upper and lower leaf surfaces leaving brown trails. Dimethoate (Cygon, De-Fend) applied as a spray will control holly leaf miner when the mines first appear. Add 1 cup of the 2-pounds-per-gallon liquid concentrate to 25 gallons of water, or 2 teaspoons per gallon, and apply thoroughly to the foliage. For hawthorn leaf miners, apply either malathion or diazinon as a spray to the foliage. Use 2 teaspoons of 57-percent malathion or 25-percent diazinon (Spectracide) per gallon of water, or 1 cup of either insecticide per 25 gallons of water. Wet the foliage thoroughly.

*Black vine weevil* grubs feed on the roots of yews (*Taxus*), causing the shrubs to turn pale and often killing them. The adult weevils, or snout beetles, emerge in late May and some feed on the foliage toward the center of the shrubs. As they feed, they cut notches out of the leaves or needles. The adults hide during the day and feed at night. For control, drench the infested yews with a spray containing chlordane. Add 1 quart to 100 gallons of water, or 2 teaspoons per gallon of water. Spray the foliage thoroughly, allowing the spray to run off onto the soil under the shrubs.

*Eastern tent caterpillars* are hatching, and small tents can be observed in the crotches of some limbs on trees—especially wild cherry. Infestations of this tree-defoliating caterpillar appear to be light at present.

Infestations of more than 10 *sod webworms* per square foot in lawns have been reported from Cook County. It is very unusual for these dusky, grey worms with rows of spots on each body segment to appear in damaging numbers during the spring. Sod webworms do pass the winter as larvae in silken cases on or near the soil surface. Usually, the population is reduced by disease, bird predation, and the winter weather. More of these webworms could have lived through the winter than normal. Control is not usually needed for the over-wintering larvae or the next generation hatching in June. At this time, we do not know how much of an area in the state may have webworms in damaging numbers.

If webworms are present and brown patches begin to appear, treatment is needed. Apply one of the following insecticides as a spray or granules: diazinon (Spectracide), carbaryl (Sevin), or chlorpyrifos (Dursban). Aspon can be applied as a spray only.

The Western Open Golf Tournament will be held at *Butler National Golf Club*, on June 26-29, 1975. *Edward Fischer*, one of our MAGCS directors, is Supt. at this fine club. The tournament received considerable publicity last year at the same club. I am sure it will receive even more favorable publicity this year because there has been many improvements made and the golf course is one year older.

### C. E. STEWART

and Associates

Civil Engineer

Irrigation, Drainage, Water Supply, Pumping Plants  
Design — Reports — Consultation — Supervision  
18357 Homewood Ave. Homewood, Illinois

NOTICE, PLEASE! Send in your reservations for our monthly meetings letting the arrangement committee know that you plan on attending. This is very important!

## ROSEMAN

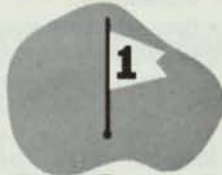
2620 CRAWFORD AVE. 864-1842  
EVANSTON, ILLINOIS

### TURF EQUIPMENT HEADQUARTERS

ROSEMAN GANG MOWERS	FORD TRACTORS
TILLER RAKES	DEDOES AERIFIER
SNOW PLOWS	LOADERS
SEEDERS	LEAF MULCHERS
ROTO TILLERS	ROTARY MOWERS

SALES ● SERVICE ● PARTS ● RENTALS

quality products  
for turf maintenance  
since 1939



# alfco

INC.

P.O. BOX 267  
MARIETTA, OHIO 45750  
phone (614) 373-1394

- All Major Turf Supplies
- Par-Ex
- Bean Sprayers
- DuPont
- Chipco
- Vertagreen
- Daconil - Dacthal

Quality — Value — Service

### PAARLBERG CHEMICALS

172nd & Paxton, So. Holland, Ill.  
GR 4-3086 747-0630

# From one pro to another



As a professional in turf management, you know more about your course and grounds than anyone else. And you are constantly looking for ways to improve them, physically and aesthetically.

As professionals in turf care products, the people at USS Agri-Chemicals know fertilizers and chemicals. Like you, we are constantly striving to improve our products. And we have.

By working together as professionals, we can develop a turf program for you that is second to none.

**WRITE FOR COMPLETE SPECIFICATION SHEETS**

## USS Vertagreen—The complete line

- Six improved fertilizer products.
- All with guaranteed amounts of calcium, magnesium, sulfur, zinc, manganese, boron, copper and chelated iron.
- Only water-soluble sulfate of potash used.
- Much of the nitrogen content derived from slow-release Urea-Formaldehyde.
- A complete selection of the nation's leading herbicides, fungicides, insecticides and nematicides.



## Agri-Chemicals

Division of United States Steel

P.O. Box 1685, Atlanta, Ga. 30301

## LET US HELP YOU

### With Your Grass Seed Needs

- **FAST SERVICE** — We distribute from strategically-located warehouses
- **LARGE INVENTORY** — We are among America's Largest Grower-Marketers
- **UNQUESTIONED QUALITY** — The Vaughan-Jacklin Name is Your Assurance
- **CUSTOM-BLENDING** — Ask for What You Want or for Our Recommendation

For More Information, Phone:

Terry Trakselis  
312/859-3160

Representing



the  
**VAUGHAN-  
JACKLIN** corporation

5300 KATRINE AVE • DOWNERS GROVE, ILL. 60515  
PHONE: (312) 969-6300 ASK FOR CARL SUDING



### Notice Root Hanging on Cabinet

Fred Opperman, Supt. Glen Oak C.C., reports Bent turfgrass roots 36'' long. Could it be possible that it was growing in an unusual location?

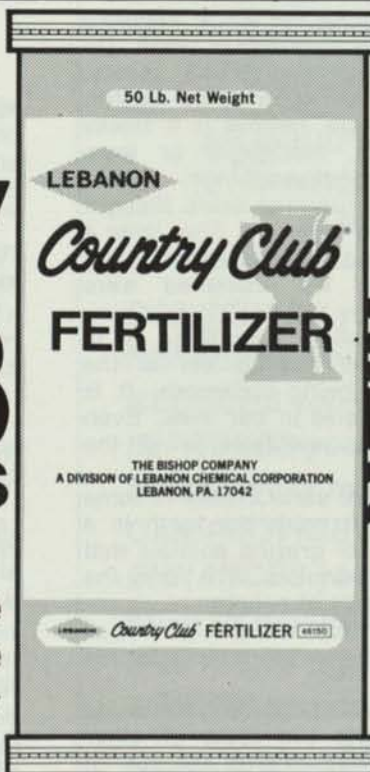
When another day has arrived, we will find that we have consumed our yesterday's tomorrow; another morrow will urge on our years, and still be a little beyond us. - *Persius*

**COUNTRY  
CLUB**  
TURF PRODUCTS

A New Outside  
Appearance - Same  
Dependable Quality  
Inside



Good Names To  
Grow By



Call your local distributor or  
Frank Ross  
29 Spring Lake Ave.  
Hinsdale, IL 60521



## GRASS SOURCE OF WEALTH

It is rather ironic that the common plant, grass, is actually the greatest single source of wealth in the entire world. Without it the human race would cease to be. In fact, without it, the human race would never have existed in the first place. It is one indispensable thing upon which everything else depends.

The basic reason a thing is valuable is because it is indispensable to the greatest number of people. Different people have different values and varying needs; all races do not consider the same thing as a basis for wealth. There is an almost endless list of items we consider essential to our well-being and the source of our worth. Fundamentally, they are not.

Real estate has been said to be the actual measure of how much a person, or even a nation, is worth. On that real estate, of course, you have forests, mines, oil and crops—all the things we know to be wealth. But the answer is not real estate, neither is it stocks or bonds, insurance policies, mortgages or even money in the bank. It is none of these things.

Sounds silly, doesn't it? It requires some thought before the implications become apparent. Men lived a long time on this earth before oil, coal, rubber, metal or a million other articles we cherished were discovered.

The fundamental reason behind everything is to live. The struggle to survive and to eat is the strongest emotion any living being possesses. It is more powerful than anything else in our lives. Even hunger, itself, is just another manifestation of the desperate effort to stay alive.

Grass covers nearly the entire earth. There is some kind that grows everywhere. It holds the earth in a solid whole. It furnishes food for grazing animals that become food for man. Some varieties of it form the entire food supply of entire races of people.

Wheat, barley, oats and rice all are forms of grasses. Even sugar cane and bamboo belong to this family.

Grass heals the scars on the earth's surface made by man or nature. It protects the roots of other plants. It enriches the soil, and retards the run of water that would otherwise erode the land.

All grass stems are jointed, each joint bearing a leaf. Both stem and leaf constantly are being renewed; it is the one plant that tries to go on forever.

from *Small Worlds*  
by Lynn Watkins

## CAN YOU REMEMBER WHEN?

You're old enough to remember the real America if you can remember when you never dreamed your country could lose.

- When you left your front door open.
- When you went to church and the preacher preached from the Bible.
- When a girl was a girl - when a boy was a boy - and you could tell them apart.
- When even the word 'Socialism' was a dirty word.
- When the poor were too proud to take charity.
- When a nickel was worth five cents.
- When you bragged about your hometown - your state - and your nation.
- When the flag was a sacred symbol.
- When this Government stood up for Americans.
- When a man who went wrong was blamed - not his mother's nursing habits or his father's income.
- When everyone knew right from wrong.
- When things were not perfect and you didn't expect them to be.
- When people still had the capacity for indignation.
- When sick meant that you were not feeling well.
- When people expected less and valued what they had more.
- When everyone was not entitled to an annual wage whether he worked or not.
- When a man's word was his bond.
- When America was the land of the free and the home of the brave.

Anonymous

Reprinted from NAC Newsletter,  
Washington D.C., May 31, 1971

## ARE THERE ANY REAL SHORTAGES

Today we read and hear so much about "Shortages". The first thing we know we're completely brainwashed into believing it. Sure, we think first of all the material things that are short but let's look at the many pluses there are, such as:

**Loyalty** — between manufacturer, distributor, customer, management, employee, etc. You can assemble all these things into a BIG PLUS.

**Confidence** — Faith in the salesman who serves you and the employee who repays you in kind with dependability, honesty and a sincere effort to fill his responsibility.

**Sharing** — Opportunities to share successes, exchange ideas and put them to work for mutual benefit.

**Caring** — Offering a helping hand to our fellow-man regardless of his station, his color and/or his creed. This is the American tradition and no one is going to break it down.

**Faith** — Trust in the basic honesty of men and a restoration of belief in the American Ideals that have survived these many crises in our history. True, there may be forces from time to time that would attempt to shatter our morale but renewing our Faith in the Eternal God will carry us through.

As we approach the new season let us not forget our responsibilities to each other and make better use of the spiritual gifts that the Lord has placed within our grasp.

— Jack Baker, H.V. Carter, Co. Inc.

# Lakeshore Equipment & Supply Co.

300 SO. ABBE ROAD, ELYRIA, OHIO 44035 (216) 323-7544

## NEED INSECTICIDES?

Baygon 70% W.P.  
Chlordane  
Cygon 2E  
Dasanit 15G  
Diazinon  
Dibrom 8E  
Dieldrin  
Dipel  
Disyston 15G  
Dursban  
Dylox 80 Sp.  
Guthion 50 W.P.  
Isotox  
Kelthane  
Lannate

Lindane  
Malathion  
Methoxychlor  
Meta-Systox  
Morestan  
Nudrin  
Parathion  
Pentac  
Phosdrin  
Plictran  
Proxol  
Pyrenone  
SBP-1382  
Scalecide  
Sevin

## LAKESHORE has these on hand!

Snail & Slug Pellets  
Supreme 70 Dormont Oil  
Temik 10G  
Thiodan  
Vapona  
Volck 70 Oil  
Zectran

And These Dusts  
Botran 6%  
Captan 7.5%  
Maneb 5.6%  
Maneb 7% Parathion 2%  
Malathion 5%  
Parathion 2%  
Sevin 5%  
Thiodan 3%

# Lakeshore Equipment & Supply Co.

Ross Smith  
(312) 620-0989

Lakeshore  
(216) 323-7544  
(collect)

Bill Schumacher  
(312) 742-5957

## OVERWATERING CAUSES GRASS WILT

from *Grounds Maintenance*

Too much water and too much fertilizer often cause grass wilt, says Harry Meusel of Yale University.

Speaking at the first Delaware Turfgrass Conference, Meusel explained that wilt occurs when grasses lose more moisture than they absorb. Since heavily watered grass has about twice as many surface pores as lightly watered grass, it loses moisture faster and wilts sooner in hot weather.

Temperature and light intensity also affect wilting, he said. At temperatures below 70 degrees F., very little wilting occurs. While above 70 degrees F., wilt increases rapidly, especially in heavily watered grass. Light intensity, which affects size of surface pores, also influences wilting. Grasses in shaded areas wilt more slowly than those in bright sunny sites.

Because more water evaporates from plants after fertilization, fertilizer applications should be avoided during the wilting season, Meusel pointed out.

The best safeguard against wilting is a strong root system. Here again, heavily watered grass can be a problem since root systems are usually short and stubby when moisture is readily available near the soil surface. Lightly watered grass has long, thin roots that reach deep into the soil making it less susceptible to wilting.

Application of a phenol mercuric acetate solution will also help protect grass from wilting by closing the leaf pores, Meusel added.



**AN EQUIPMENT LEASE**  
arranged for you,  
by us,  
with Industrial Leasing Corporation...

**CONSERVES** your working capital  
**RESERVES** your lines of credit  
**REDUCES** your cash outlay  
**IMPROVES** your cash flow  
**MAKES** your money work for you  
**CAN PROVIDE** tax breaks  
**ENHANCES** your balance sheet  
**FIGHTS** inflation  
**PROTECTS** against obsolescence  
**OFFERS** disposition flexibility

  
**George A. Davis, Inc.**  
5440 Northwest Highway, Chicago, Illinois 60630 312-763-6363

**ASK US ABOUT IT!**