

#### MIDWEST BREEZES

Position open at Deer Path Golf Club for a Golf Course Supt. This is a park district golf club. Salary \$24,000 to \$28,000 per year plus park district fringe benefits. Contact Ed Smith, Supt.

On July 8 this editor was given a cooks tour at St. Charles C.C. **Peter Leuzinger**, Supt. is doing a fine job. The fairways are excellent. The C-15 strain of bent grass on the greens is giving him a serious problem. I am sure his plans to remedy the problem are in order.

The M.A.G.C.S. July 12 meeting held at Randall Oakes C.C. was a success in every way. 79 played golf on a very interesting and fine conditioned course, made possible by **Sterling Hamilton**, Supt., our host. 93 enjoyed a super dinner of barbecued pork chops and chicken. "All you could eat."

On August 16th the M.A.G.C.S. meeting will be held at Skokie C.C. **John Berarducci**, Supt. will be our host.

On a recent night the first part of July vandalism took place on three greens at Chicago Golf Club. **Don Gerber**, Supt. reported they used a shovel to tear up these three greens. The large picture gives you an idea of the damage done.

Dear Ray,

The challenge most Summer's bring, keep us alert to face untold problems.

#### "SUMMER SYMPTOM"

Localized dry spot, part of the game, Lights the wick of the fire cracker,

Of fourth of July fame.

Seems Summer's dilemma is starting anew,

Trying Superintendents and all of the Crew. Summertime and the living is easy, they say.

Not the sentiments of a Superintendent, I pray. Facing each challenge with original style,

Makes success in your work, well worth the while. So, hang in there, prove you have comprehension,

You'll know in your heart,

Though a word is not mentioned.

Superintendently, Kenneth R. Zanzig Green Garden C.C.

#### **NEWS RELEASE**

Dr. James B. Beard, TAMU Turfgrass Researcher, announced that the Annual Texas Turfgrass Field Day will be held on Wednesday, September 22, 1982, at College Station, Texas. There will be a 12 stop tour of the on-going turfgrass research featuring the state-side TAM turfgrass researchers followed by a barbecue luncheon. The site of this event is the TAMU Field Laboratory on Agronomy Road at the northwest corner of the Texas A & M University campus.

After some eleven years with the USGA, Carl Schwartzkopf has resigned. Many people knew Carl throughout the area and perhaps they would be interested to know that Carl is no longer with the USGA Green Section.

Stanley J. Zontek North Central Director - USGA

Chow time at Randall Oakes G.C.







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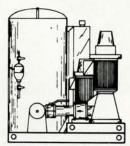
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## GRASS AROUND TREES INHIBITS GROWTH, BUT NOT FOR THE REASON YOU MAY THINK

Turfgrass growing close to the stem or trunk of a woody ornamental can inhibit the plant's growth, and two scientists looking for the exact cause of the supression have found that it is due, in part, to chemicals exuded from the grass roots — the process of allelopathy. Until now it was supposed that the growth supression was caused by competition for moisture and nitrogen, with the grass taking up the nutrients before they percolated down to the roots of the tree or shrub.

To conduct their research, R.C. Wakefield, a professor of plant and soil science at the University of Rhode Island, and S.L. Fales, a research associate, grew flowering dogwood and forsythia plants in plots both with and without turf cover. They were not surprised to find that the plants with no turf cover performed better, but additional water and fertilizer didn't help the supressed (turf-covered) plants increase their growth rate. To see if allelopathy was partially to blame for the differing growth rates, the scientists leached some chemicals from the roots of various species of grass (perennial ryegrass, red fescue and Kentucky bluegrass) and applied the leachates to potted forsythia plants growing in greenhouse sand culture. Very shortly the liquid slowed the growth of the plants, demonstrating that allelopathy was at least partially to blame.

Crops and Soils Magazine, June-July, 1982

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#### IN YOUR GARDEN

#### POISON IVY

"Careful that's Poison Ivy. Or is it?" An often heard phrase at this time of the year, when so many of us are out enjoying the forests, parks or even our own back yards. It is wise to know the difference between Poison Ivy and the harmless look-a-likes, advises Donna Peterson Detrick, Summer Horticulturist in Cook County.

Actually Poison Ivy is not an Ivy at all. It is a perennial plant which may vine on fences, trees or walls, may spread along the ground; or may appear as an erect shrub. The appearance of the leaves is variable as well. They may have smoothed, toothed, or lobed edges, and the leaf length may vary from 2 to 4 inches. It's not unusual to find different appearing leaves on the same plant. But three leaflets to the compound leaf will always remain constant.

Clusters of small, greenish-white flowers appear in the spring and by the end of the summer waxy, white berries about 1/8 or 1/4 inch in diameter form. These berries have distinct lines marking the outer surface, resembling a peeled orange.

There are some plants which are easily mistaken for Poison Ivy. Virginia creeper is frequently mistaken, but it has five leaflets to its leaf and blue berries. Remember despite the size and variations of the poision ivy leaflets, there will always be three of them.

Usually, but not always, poisoning is caused by contact with some part of a bruised plant. Very small quantities of the poisonous substance called urushiol can cause severe inflammation. This non-volatile phenolic substance is found in all parts of the plant including roots and berries. The danger of poison ivy is greatest in the spring and summer when the sap is flowing but it is possible to be poisoned in fall and winter too. The toxin is easily transferred from one object to another so that clothing, tools, and animals are capable of poisoning people. The first symptoms, itching and burning, may develop in a few hours or several days after contamination.

Often the easiest and safest method of controlling poison ivy is with herbicides. Be careful not to let the spray drift onto desirable plants or they may be killed as well. It is always best to spray any herbicide on a still day (or in the early morning) when the wind won't carry the chemical. In places where desirable plants may be hurt by the spray, try using a long-handled brush or wick applicator.

Best results occur when the poison ivy is treated in late spring or early summer after the leaves have fully expanded. Don't attempt to destroy poison ivy after the leaves have turned yellow.

Two similar chemicals which are particularly effective are amitrole (dry material) and amitrole-T (liquid), available under different trade names. Use two tablespoons of amitrole-T in one gallon of water, and spray all leaves thoroughly until wet. Another treatment may be required next year.

Do not try to remove the plants after treatment. They will still contain the toxins for several years. Burning the poison ivy is dangerous as well since the toxins will be released into the air and may poison people for many miles.

Though the plant may have many appearances just remember the old saying, "Leaflets three, let it be" and you should not have problems.

James A. Fizzell, Sr. Extension Adviser Horticulture, University of Illinois

#### SATAN AND JOHN DOE

Old Satan sat with face so grim And muttered, "What'll I do with him? He's sure to find this place a bore With the life on earth he's had before!' And then while shaking his horny head, He opened his ledger and this he read:

"John Doe - Keeper of Greens, A man behind the golfing scenes Had 60 years of toil and strife Pleasing golfer, managers, pro and wife!

His job included keeping the greens. Planting new turf, repairing machines.

Fighting diseases, insects, defeat,

Battling rain, humidity, heat.

Fixing the water pipes that break thru the ground. Changing all markers and mowing weeds down.

He worked all day - studied all night.

Trained all new men

In the ways that were right.

Knew the diseases; chemicals, too. Fertilized, aerified, 'till his face would turn blue. Not only a scholar and teacher was he,

But an ambassador of good will and publicity.

Records he kept; watched budget allocation -

On him depended the course reputation. And 'tho heading a project whose value was high,

Credit and praise went to some other guy. Griping and moaning he got every day.

But seldom a raise in the old take-home pay!" Now here he lies, his days they are thru -

"Tell me," said Satan, What hell can I put him to?"

After sitting and thinking for quite a while. His face broke out in a great big smile; The best known hardship he could deen Was to send him where all was calm and green!

Credit - Greensword

You performed a valuable service for your readers by running the items about sulfur. I was pleased, naturally, to see my name associated with the subject. Credit goes also to Goss, Gould and others - I was glad to see their names mentioned. Beaton is another who has added to the Sulfur literature.

Potash, sulfur, lime, slow-release Nitroform all are basic factors in developing healthy sturdy turf. Were we to use these materials sensibly, we would need

fewer fungicides less often.

At the USGA meeting at Congressional C.C. recently, Dr. Duich told of some 55 plots of various grasses at Penn State. Half of each plot had been treated with fungicides. Guess which half got clobbered with diseases? You are right! The fungicide-treated plots got hit hardest!

No one has measured the effects of chemicals on the soil flora. Penicillin was cultured from a soil organism. It is a safe bet that no fungicides had been used there. Have our constant use of fungicides killed the beneficial

organisms that keep diseases in check?

For years I have advocated sensible use of a combination of Powder Blue Nitroform and hydrated (spray) lime. Recent work at the University of Maryland support the concept. With K2SO4 added, we have a recipe for healthy grass. These are BASICS and many have become so sophisticated that they have lost sight of the goal.

Thank you, Ray, for a refreshing "refresher" in your

BULL SHEET.

Fred V. Grau, President

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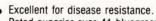
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#### TO SAVE NEEDLESS CONVERSATION ON NO. 1 TEE, HAND THIS TO YOUR OPPONENT

"Do not embarrass me by asking that I concede any of your putts. I will volunteer to do so if in my judgment

it is deserved.

"I admit it is a nice day for golf, that the weather has either been hot or cold and that the greens keeper is doing an excellent job.

"Kindly refrain from telling me of your past performances on the golf course. The only round which

interests me is the one we are about to play.

"I would appreciate it if you would refrain from such remarks as: That would have been a beauty—if it hadn't caught the trap. You got a bad bounce, or it wouldn't have gone out of bounds, etc.! I am capable of doing my own sympathizing.

"The score card contains the rules. I shall expect you to apply them as scrupulously as though I were

watching-because I might be.

"If I happen to be up on the last tee, I do not wish to give an additional half-stroke or more and play the last

hole double or nothing.

"I prefer while at golf not to be drawn into a discussion of business or economic subjects nor hear such discussions pursued by others in the middle of my backswing.

"The following imperfections in my swing are well

known to me:

·Looking up

Too fast a backswing

- •Standing too far ahead of the ball—behind the ball
- •No follow through
- Bending left arm
- Lunging at the ball
- Stance too open—too closed
- No pivot
- •Teeing ball too high—too low
- •Too much right hand—not enough right hand
- •Left foot too far forward—too far back
- Faulty grip, etc., etc.

"The above-mentioned faults have been pointed out to me by my professional and also by many of my friends — including a few **former friends**.

"I have been playing more than a few years, so calling my attention to my shortcomings will be superfluous. Your time could be more profitably employed concentrating on your own game.

"Concerning the 19th hole, allow me to state that I don't mind a friendly drink, it helps me become

reconciled to my golf imperfections.

"If I win your money, I will buy you a drink. If you

win, I will expect you to do the same.

"If it is agreeable to me to engage in a return match, I will so indicate at the appropriate time. And, if your mode of conduct is in accord with the above-mentioned suggestions, I am certain the time will be soon.

"Thank you for your forthcoming demonstration of

courtesy and consideration."

#### 149 GOLF COURSES OPEN IN 1981; 13% INCREASE OVER '80 FIGURE

NORTH PALM BEACH, FL--Although the nation's economic situation remained troublesome, 149 golf courses opened for play in the United States during 1981, according to research by the National Golf Foundation.

The 149 openings reflect a 13 percent increase over the 132 reported in 1980.

There were 12,894 golf courses in the United States as of January 1, 1982, according to NGF statistics.

The leading states reporting course openings in 1981 were Florida with 26; California 10; Texas 9; Arizona and Michigan, 8 each; Minnesota and Wisconsin, 6 each; and Colorado, New York and South Carolina, 5 each.

The 10 above-named states accounted for 59 percent

of the total new course openings.

For the second straight year, Florida emerges as the nation's runaway leader when combining course openings, construction starts and prospects. The Sunshine State had 84 in 1981 and 76 in 1980.

Other leading states in order are California with 30 projects; Texas 20; Colorado 15; Arizona 14; Minnesota 12; Wisconsin 11; Michigan and Georgia, 8 each; Oregon 7; and South Carolina, Idaho and Virginia, 5 each

The only states not reporting some activity in golf course development during 1981 were Alaska, Delaware, Rhode Island and South Dakota.

A further analysis of new course development during

1981 reveals the following:

°About 78 percent of the new private course openings in 1981 were a part of planned real estate developments. Fifty-six percent of the new daily fee facilities were also associated with land development ventures.

°Almost 40 percent, or 58 of the 149 courses opening

were additions to existing facilities.

°Sixteen percent (18 executive courses and six par-3's) of the openings were short courses. For some years this percentage has ranged between 12 and 15.

°Of the 118 new construction starts in 1981, 53 were additions to existing facilities. Thirteen percent were

short courses.

°Forty-nine percent of the 1981 course openings were privately-owned daily fee operations, 34 percent were private and 17 percent were municipal facilities. For 1980, the percentages were 41 daily fee, 41 private and 16 percent municipal.

For a more comprehensive analysis of golf course development in the United States in 1981, the information sheet "What's Happening in Golf Facility Development" (GC-1982) is available free from NGF

headquarters.

#### AMERICAN SOCIETY OF GOLF COURSE ARCHITECTS PUBLISHES 1982 MEMBERSHIP LIST AND MAP

The American Society of Golf Course Architects has published its 1982 membership list, which contains the addresses and phone numbers of its 85 members.

Also included in the new directory is a map showing the location of each architect, which helps in pinpointing those architects active in a certain region.

For a copy of the 1982 membership list, write the American Society of Golf Course Architects, 221 N. LaSalle St., Chicago, IL 60601.

## SUPPORT YOUR ADVERTISERS

#### **EDWARD NAUM, CLUB OWNER, DIES**

CROWN POINT - Edward J. Naum, owner of the Pheasant Valley Country Club in Crown Point, died

here Friday after a long illness. He was 58.

Naum served with the 101st Airborne Division during World War II. He was a member of Fred Schmidt American Legion Memorial Post 20 in Crown point, Veterans of Foreign Wars Hub City Memorial Post 6446, the U. S. Golf Association, and the Midwest Association of Golf Course Supervisors.

He is survived by his wife, Allegra, of Crown Point; daughters Cora Sue Jerling of St. Joseph, Mo., Deborah Kelly of Indianapolis, Pamela Faris of Lompoc, Calif., Robin Fraley of Lake Dalecarlia, and Karen, Crown Point; a son, Kevin, Crown Point; sisters Agnes Skaluba of Burlington, Wis., and Illian Blaisczak of Merrillville; and brothers Walter Namowicz of Racine, Wis., and Julius Namowicz of Waukesha, Wis.

The doctor explained to Walters that he had a serious ailment for which an operation was absolutely imperative.

The patient turned pale and asked, "Isn't it very

dangerous?"

"Yes", the doctor replied. "Five out of six who have this operation die, but as for you, you have little to worry about.'

"Why not?" eagerly inquired the patient.

"Well, you see you're a cinch to recover because my last five patients diedm" the doctor reassured him.

The Bagpipe

#### GOLFER'S ETIQUETTE

"When to the links you go There are certain things to know. Never talk or hum or sing When a golfer starts to swing. Never let your shadow fall Across another's putting ball. Never doubt an opponent's score, You saw 6 but mark it 4! Never kick one from the rough, Play it fair when luck is tough. Never cheat in deepest wood, God is watching, so be good. Never raise your voice or swear When you top or fan the air. Never, even as a joke, Fail to count each single stroke. Don't improve a hanging lie "Accidentally" - on the sly. In a sand trap, it's a rub, Never, never ground your club.

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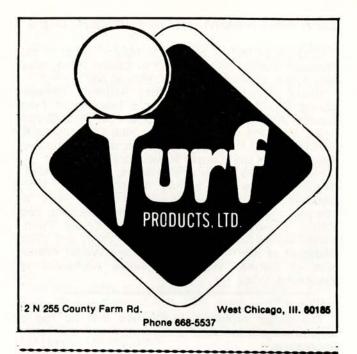
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# serious diseases.

Tank mixing brings other advantages, too. With TERSAN 1991 in your tank, you get systemic action for protection from within the turf plant. Disease control is longerlasting and is less affected by rainfall or frequent irrigation. Tank mixing fungicides with different modes of action also reduces chances of benzimidazole resistance. You help insure the long-term effectiveness of TERSAN 1991 in your disease control program.

This year, plan on using TERSAN 1991 in combination with Daconil 2787. It's the tank mix turf diseases can't match.

