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**President's Message**

It's one hundred degrees in the shade (again!). the humidity is 65%, it hasn't rained in six weeks and your green chairman wants the greens to roll ten feet but still hold a three iron shot coming in at about four feet high. What does this add up to? Stress!

Unrelieved stress can in turn lead to a number of physical ailments such as ulcers, headaches, sleeplessness, heart attacks, strokes and nervous breakdowns. As you can see the afflictions can range from the mild to the very severe.

Stress is not a new phenomenon to mankind. I'm sure our caveman ancestors had to cope with a lot of stress when they came face to face with a hungry Teranasaurus Rex. We can take comfort in the fact that man is still around long after Mr. Rex has left the face of the earth. Experts fell that stress did not get the best of prehistoric man because of his basic lifestyle. Java man's tensions were relieved through the daily physical exertion of hunting for his food and occasionally running from potential predators.

Modern man's goal oriented, high-tech lifestyle breeds tension and anxiety. Since there are no dinosaurs to run after or run from, man needs to find other ways to "chill out". Sleeping, although relaxing, does not fit the criteria. Riding in a cushman or playing eighteen holes in a cart won't cut it either. Try walking eighteen or even nine or six.

Better yet **make** time to get away from the golf course to jog or ride a bike or swim, anything that is physically exerting will reduce the tensions of the day. It only takes an hour, three or four times a week to make a significant difference.

In addition try to find an activity to totally escape the daily grind, maybe reading or fishing. The few hours it takes every week to accomplish these exercises may add years to your life and reduce your antacid bills drastically.

Always remember that a few square feet of dead grass is really not very significant in the overall scheme of things.

**Mike Nass, CGCS**

## Director's Column



### Give 'em a Break!

by Roger A. Stewart, Jr., CGCS

The weather we have had this summer has been tough on just about every living thing. I talked with Dr. Randy Kane at the end of July and he said he thought it was even too hot for fungi! If that's the case, what about those people who work for us on our crews outside in that heat all day every day? It's just common sense to keep an eye on your employees during these stressful periods. Often times heat exhaustion or heat stroke can creep up on a person. Remind your employees to drink plenty of water, work at a pace that matches up with the heat index, rest in the shade when you have to, and above all we as managers must give these people the opportunity to do all these things.

Try to provide cool water and buckets of ice in the shop to wet towels to help people cool off. Buy an extra fan or two for the shop. If an employee begins to show signs of heat exhaustion, get him to a cool place to bring his body temperature down. If you have an office air conditioner, turn it on and let your crew relax there for a short period at lunch or break. Some people who prefer to work outside don't like to go in and out of air conditioning and I'm one of them. I usually don't run my air conditioner in my office unless I have a meeting planned or several hours of office work planned. I do however make it available to any employee who feels a little break will help him get through the day.

When you read this it will be September and I have a feeling the heat and drought will still be with us and we can all be thankful to those loyal employees who have stuck it out and done their job well all year. If you haven't done it yet, how about just a little extra time off for those people on your crew and if you can, pay them for it. In most cases they deserve it. I think you will find an extra afternoon or even an entire day off for doing a good job will repay you many fold. What the hell, give 'em a break!

### "Coming Attractions"

At the last beat of Summer's Sun,  
Cool Fall will have begun.  
Farewell to all of Summer's pressures,  
We're looking to Fall's Cool Treasures.  
A little Frost to nip at the Annuals,  
Will show that Summer's had It's Day.  
Tinted Leaves and Golden Harvest,  
Says, Fall is here to stay.

Kenneth R. Zanzig

## Tour of Soldiers Field

by Fred D. Opperman, CGCS

The Chicagoland Association of Golf Course Superintendents and their guests had a tour of Soldiers Field on Wednesday, July 13th, 1988. Ira Berke was our host who in turn had Dave Heiss the contractor for the PAT System and Mike Reinhardt, the foreman for the field, talk to us on the construction and maintenance of the new field.

Soldiers Field is a very attractive stadium, especially since they now have natural turf. The place is all "shined up" for the start of the Bear football season. All seats have been repainted in reds, blues, and yellows and with the dark green field it is very attractive.

Some interesting facts on the field are: It is only 2 feet above the present level of Lake Michigan — so it has a curb around the field of about 15 inches high. This is to prevent Lake Michigan flooding the field when the lake rises. All of the storm drains drain into the lake and if the lake rises and you would have high waves, water can back up and flood the field. 10,000+ yards of Huber Ranch Sod was laid over a layer of about 14-16 inches of a sand mix. The sod used was Huber's Executive Blend which consisted of equal parts of Baron, Adelphi, Glade, Rugby and Parade. (Huber also has their sod in the Cleveland Stadium, which was laid just this past spring). The pumping station was still in the process of being built where the vacuum pumps are to be installed. Once installed the vacuum pumps would apply 5½ to 6 pounds per square inch to drain the field when needed. They are hoping for the system to be in operation 100% by the 1st of August. At the present time the field is not capable of being heated. But they feel that in a year or two that it will be (especially if the Bears get into the play-offs and have to play on a frozen field).

There must be a curse on the editors of "The Bull Sheet", for I did take pictures, used black and white film for better clarity, took time to get close-ups, group pictures, single pictures, the whole ball of wax so to speak — what happened — my film was lost while being developed! It's a curse . . .

(The curse may be broken . . . the pictures were returned 25 days later. It was too late for the August issue in which I had hoped for this to appear, but better late than never.)



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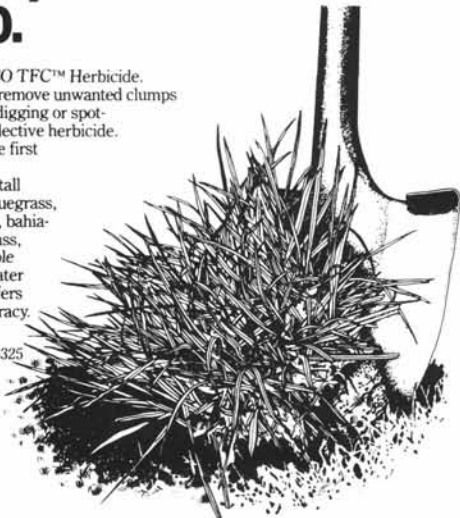
De Ann Leuzinger just had to sneak into the Bear's locker room — and then it turned out to be empty!

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Once there was a golf course superintendent who never joined the MAGCS, but always enjoyed the benefits won for him by members of the society. On his deathbed he told his wife: "Dear, please do something for me. I want members of the MAGCA to be my pallbearers.

But you never belonged to the society, his wife said.

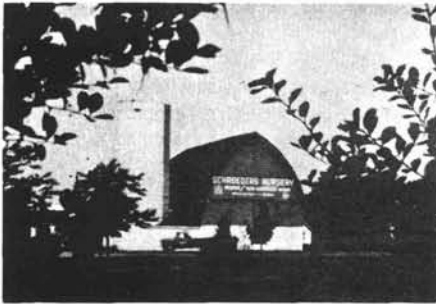
"Honey", he replied, "they've carried me this far, they might just as well carry me the rest of the way."

## What? Scotland Without Golf for Over 30 Years?

About six years after golf was introduced in Scotland, the game became so popular and resulted in so many people "wasting their time" that it was prohibited by Parliament for more than 30 years (from 1457 to 1491).

Charles E. (Scotty) Stewart, P.E.

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## In Your Garden Plant a Tree This Fall

by James A. Fizzell

Sr. Ext. Adviser, Horticulture, U. of I.

The nip in the air tells us it is planting time again.

The short days and cool nights have slowed growth of trees and shrubs. And, plenty of moisture can be expected to help newly moved plants get off to a good start.

One of the main attractions to home buyers is the presence of mature trees. Wooded lots go for premium prices. Compare new developments ... deserts of houses, with the coolness and grace of old forested neighborhoods and you can see one of the benefits of trees.

Trees provide home, restful haven, and sometimes food for the sparse city animal life — the squirrels and birds that children often appreciate more than do adults.

Perhaps most important, trees absorb much of the carbon dioxide pollution released by vehicles in the city and in turn release oxygen. In fact, an actively growing one acre grove of trees releases enough oxygen in one year to support 18 people.

Our urban forest is becoming old. Much of it started at the same time and will expire at the same time. Changes in the environment and changes of weather, insects and diseases are beginning to take their toll. Unless we continuously plant trees, even in wooded areas, we could be treeless before we realize it.

Look around you. See what the proportion of trees to concrete and rooftops you see, and you will understand the need to plant trees.

Many trees do well in Chicago. To avoid a repeat of the Dutch Elm Disease disaster, plant a mix of many species.

Norway, sugar, silver and red maple are suited to various urban conditions. Consider also Ohio buckeye, river birch, katsura, American and green ash, honeylocust, red or swamp white oak and the various lindens.

Visit one of the local arboretums to see how some of these trees look in fall color, then visit a nursery and tag a tree for digging at the proper time.

The fall color will be in your yard next year and each fall thereafter.

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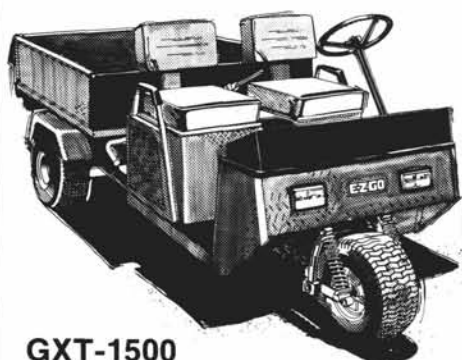
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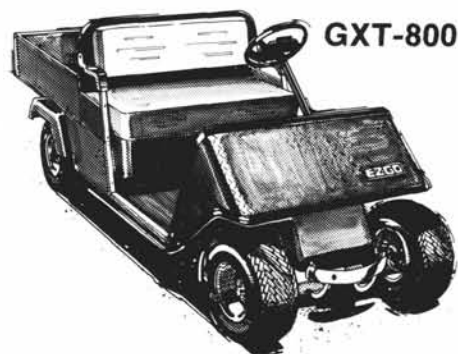
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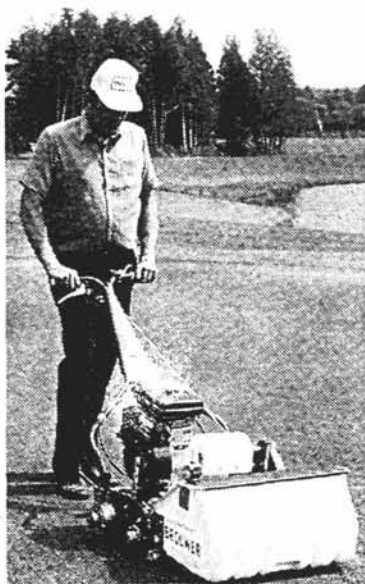
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**THE DIFFERENCE**

## Women are Leading the Way as U.S. Population Continues to Rise

**JUPITER, Fla.**— More Americans are playing golf than ever before, and women are taking up the game in unprecedented numbers.

The latest study by the National Golf Foundation, *Golf Participation in The United States, 1988 Edition*, shows the number of golfers in the country rose in 1987 from 20.2 to 21.7 million . . . a 7.4% increase.

It also shows that the percentage of females among new golfers has nearly doubled since 1983 when the NGF issued its first golf participation report. That year, women accounted for just 21% of those taking up the game. Of the two million who played golf for the first time in 1987, some 854,000 or 41% were women.

"Many women, particularly those in their twenties and thirties, are discovering the game of golf," says NGF President and CEO David B. Hueber. "They are attracted to the game for several reasons: It's a sport which offers socialization as well as challenge; it also can be combined with business in a relaxing setting; and it is enjoyable at any level of play.

"If women continue to begin playing golf in the same numbers as they have in our recent surveys, the total number of golfers in the U.S. will grow faster than previously projected," Hueber says. "And this increased demand will further widen the gap between golf course supply and demand, thus highlighting even more the need to accelerate the rate of new golf course construction."

Hueber noted that the potential shortage of golf facilities is one of the key agenda items for Golf Summit 88, scheduled for the Marriott at Sawgrass resort hotel November 15-17. More than 350 industry leaders will be discussing, among other things, how to deal with a U.S. golf population that is expected to skyrocket to 30 million by the Year 2000.

The report shows California currently leads the nation with 2.5 million golfers, followed by New York State, (1.5 million); Michigan and Illinois (1.3 million each); and Texas and Ohio (1.2 million each). Florida, which has led the last three years in the creation of new golf courses, became the seventh state to eclipse the million golfer mark. There are now 1.03 million golfers in the Sunshine State compared to 923,594 in 1986. Florida and California are joined by five other million-golfer states, including Texas (1.2 million); Ohio (1.2 million); Michigan (1.3 million); Illinois (1.3 million); and New York (1.5 million).

The NGF report also tracks participation rates, i.e. the percentage of people within a given population who play golf. On a nationwide scale, the percentage of golfers in the country has remained relatively stable, at between 9% and 10%. (The current national participation rate is 9.7%). However, these participation rates vary from state to state.

For instance, Wisconsin leads the nation in participation, with 15.9 percent of the citizens in the Badger state being golfers. Mississippi has the lowest participation rate with only 3.6 percent of its population playing golf.

Although the number of golfers in the country has increased, the study shows that the average number of rounds played dipped from 20.1 to 19.4 in 1987. NGF researchers feel the decrease is an indication that while there may be more golfers today, they are playing less frequently.

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**University of Illinois Field Day**



**Dr. Hank Wilkinson discusses results on brown patch resistance between bentgrass cultivars.**



**Dr. Roscoe Randall discusses grub control for 1988**



**Dennis Martin demonstrates the use of infra-red stress analyzer.**

Photos by Richard Davis, Flossmoor C.C.

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