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## Midwest Breezes



### Upcoming Events — Mark Your Calendar

**May 15** — Joint Association meeting at Eagle Ridge, Galena, IL

**May 25** — Superintendent/Pro Golf at Bonnie Brook

**June** — We need a meeting place

**July** — We need a meeting place

**August** — We need a meeting place

**September** — We need a meeting place

**October** — MAGCS meeting at Prestbury C.C.

**November** — Annual MAGCS meeting and clinic

-----  
At the April Board Meeting the Board approved 11 new members for our association and they also approved donating \$1,000.00 to the GCSAA Robert Trent Jones Endowment Fund.

-----  
The word is that the Fox River Valley area will have three new golf courses built in the next year or so.

-----  
Tim Kelly paid an unexpected trip to the hospital to have a chicken bone removed from his throat around the first part of April. He is better now and makes sure he chews his food better.

### 1989 Gin Tournament Winner Peter Voykin

by Paul Voykin

Over \$1,000.00 was raised by our annual gin tournament at Hackney's Restaurant in Wheeling on March 20th. It was a cold day and there was snow on the ground, so a few more faces showed up for a good cause. This year the generous contribution went to Bruce Burchfield ("Cousin Brucie"), a long-time member of our Midwest Association who is suffering from the lingering Epstein-Barr disease. Naturally, as per every year, yours truly lost in the first round. My astute opponent, Johnny ("Your course is beautiful") Lebedevs went to the final round but lost to brother Peter (1983 champ) whose skill, experience and mostly luck regained the Voykin honor. Thanks again to "Johnny the Bear" and brother Peter for co-chairing this annual tournament. In the past eight years we have raised over \$16,000.00 for worthy charities.

### Chris Piske Receives Nor-Am Scholarship

John Turner, sales representative for the Nor-Am Chemical Company, presented Chris Piske a scholarship at the Midwest Regional Turf Conference held in Indianapolis on January 24th, 1989. Piske, a senior in turf management at Purdue University was recognized for his leadership and academic achievement. The scholarship program provides merit and financial assistance to young people at universities who pursue an education in turfgrass management.



March 31, 1989

Mr. Fred D. Opperman  
Editor/Publisher  
Midwest Assn. of GC Superintendents  
1022 Shady Lane  
Glen Ellyn, IL 60137

Dear Mr. Opperman:

We are pleased to inform you that your entry, *The Bull Sheet*, has been selected for Special Merit in the State/Regional Professional Association Newsletter category of the 1988 Harry C. Eckhoff Award competition for excellence in golf journalism.

This year, the competition attracted more than 100 entries in 13 categories. As in previous years, the calibre of entries continues to be excellent, indicating a continuing high standard in golf journalism on the local and regional levels.

We are preparing your certificate at this time, and it will be forwarded to you in approximately 30 days. In addition, you will be receiving a press release detailing all the 1988 Harry C. Eckhoff Award winners. We are enclosing the Harry C. Eckhoff Award logo for use in your publication.

Congratulations on your selection, and, every best wish for continued success in the coming year.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kit Bradshaw".

Kit Bradshaw  
Manager of Public Relations

KB:kw  
Enclosure

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### "May Lei"

May — a composition of wonderful Days,  
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Colors galore, a Hawaiian Lei treat,  
That Nature delightfully lays at Our feet.  
The Golf Course reflects each Floral addition,  
A rainbow of colors with green intermission.  
Yes — May is a great time, filling the hours,  
On the Golf Course, with beautiful Flowers.

Kenneth R. Zanzig

### Tee for Two (Countries)

When you drive a golf ball on the ninth hole of the Gateway Cities Golf Club, your ball doesn't come down until an hour later.

Not due to gravity, of course. Due to the location of the course, which is laid out in two countries. It is doubtless the only golf course in the world where you can play golf in two countries at the same time and not worry about border checking. You play the first eight holes in Canada, beginning at North Portal, Sask., and finish on the North Dakota side, at Portal.

No immigration officials will hassle you, unless you steal their balls on the course, where the officials often play. George Wegener of Portal holds the distinction of having made a hole-in-one from one country to another.

For more information, contact *Gateway Cities Golf Club, Inc., North Portal, Sask. or Portal, ND 58772.*

submitted by Bill Kraft

(Memorial Trees cont'd.)

## PLACEMENT AND LOCATION OF MEMORIAL PLAQUES

Metal plaques are often used to denote those whom the newly planted tree is memorializing. These plaques are usually attached to the trunk of the tree with nails. This method of labelling requires continued maintenance. Each plaque needs to be checked every year or two to avoid injury to the trunk. As the trunk of the tree increases in diameter the plaque needs to be pulled away from the bark. After being repeatedly moved, the nails often become loose, requiring placement on another area of the tree and results in another wound to the tree.

In-ground memorial plaques, although initially more expensive, require less maintenance than those that are attached to the trunk. Plaques of this type are imbedded into concrete which are placed at or slightly below grade so a lawn mower can pass over them without difficulty. Naperville Cemetery, Naperville, IL is successfully using in-ground plaques to denote memorial trees. These plaques are made of bronze and are slightly more than one square foot in size. They are set in a 15" x 15" block of concrete which is long enough to be set below the frost line to avoid heaving. Information about plaques can be obtained from B. Gunther & Company, 4745 Main Street, Suite 107, Lisle, IL 60532. The cost of each memorial plaque imbedded in concrete is approximately \$100. It is recommended to set a minimum fee for each memorial tree, so that the fee pays for the plaque and the newly planted tree.

## INITIATE YOUR MEMORIAL TREE PLANTING PROGRAM

In the fall of 1988, Carl Hopphan, Superintendent at the Evanston Golf Club, Skokie, IL reintroduced tree planting program to the members of his course. To promote the program, Carl held an evening meeting and explained it's organization to the members. Slides of each kind of tree were shown and the members were encouraged to ask questions. The members were given a list of trees from which to make their selection(s). This list included the approximate size of the tree and the price, which included the cost of the labelled plaque. The response of the membership has been beyond his expectations, and new trees have already been planted on the course.

Every golf club should offer a memorial tree planting program. It is an excellent method to generate additional money for new tree and replacement planting. Planting well-adapted kinds of trees in appropriate locations will help guarantee the continued presence of beautiful trees on your golf course.

(cont'd. page 16)

(NGF cont'd.)

developers and lending institution officers to encourage them to consider the many benefits of developing golf courses within their communities." said Dr. Beditz.

"Secondly, we will be following up this initial contact by distributing a new publication which will offer an overview of the items to consider when developing a public golf facility."

The new publication will be available later this year.

"We feel that this two-part approach will not only stimulate thinking about public golf course development," Dr. Beditz said, "but will also help stimulate action on the part of these key decision-makers. Ultimately, this is the goal of the program ... to have more and more cities, townships and counties develop golf courses for their citizens."

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Common Hackberry	Celtis occidentalis
White Ash	Fraxinus americana
Patmore Green Ash	Fraxinum pennsylvanica 'Patmore'
Skyline Honeylocust	Gleditsia triacanthos inermis 'Skyline'
Imperial Honeylocust	Gleditsia triacanthos inermis 'Imperial'
Ginkgo	Ginkgo biloba
Kentucky Coffeetree	Gymnocladus dioicus
Swamp White Oak	Quercus bicolor
Bur Oak	Quercus macrocarpa
Chinkapin Oak	Quercus muehlenbergii
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Red Splendor Crabapple  
Redbud Crabapple  
Hophornbeam  
Autumn Blaze Pear  
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Crataegus crus-galli  
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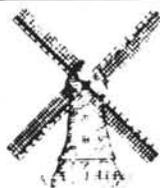
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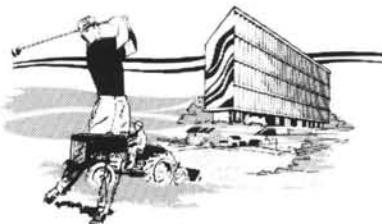
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## Figure Your Inches Per Hour From A Sprinkler

by C. E. Stewart, Civil Engineer  
Homewood, IL

It has often been the desire of the golf course superintendent to obtain a cheap, easy, and accurate method for determining the exact precipitation of water in inches per hour from a sprinkler. The following suggested method fulfills this desire.

### MATERIALS REQUIRED

a — A number of of No. 2 cans or any similar type of container which has a diameter of  $3\frac{1}{4}$ ". No. 2 cans are commonly used at grocery stores to contain peas, beans, tomatoes, etc.

b — One glass or plastic cubic centimeter tube, this graduated cc tube costs about \$1.00 and may be purchased at most drug stores or surgical supply stores.

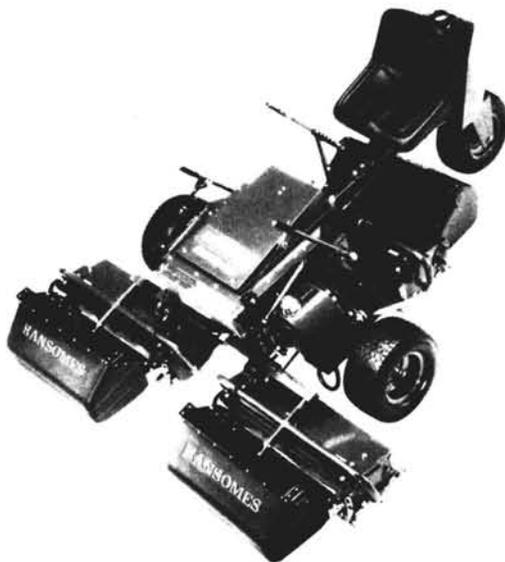
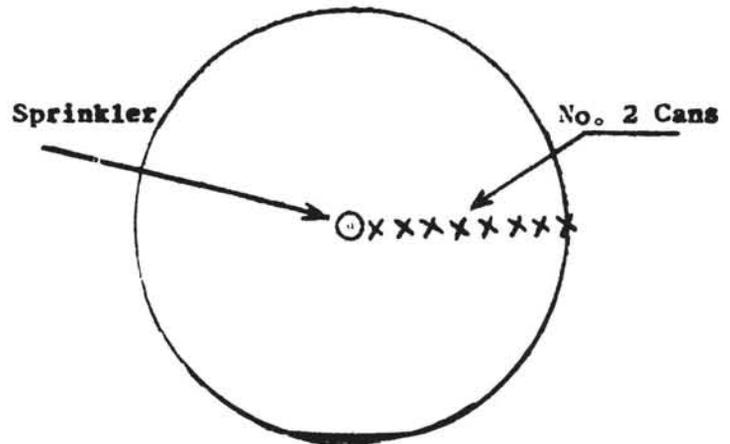
### METHOD TO EMPLOY

- 1 — Place the sprinkler in its desired position.
- 2 — Use as many of the No. 2 cans as are required to extend from the sprinkler in a straight line to the outer edge of the sprinkler coverage and at 2 to 5 feet intervals apart.
- 3 — Set the sprinkler in operation and run it for exactly 44 minutes.
- 4 — Shut off the sprinkler and pour the contents of any No. 2 can into the cc tube, a reading in centimeters will be obtained but each cubic centimeter will equal exactly 0.01 inches, or (1/100th inch) of sprinkler precipitation per hour.

### EXAMPLE

If a reading of 37 cubic centimeters is obtained from a can after the sprinkler has been running exactly 44 minutes the sprinkler will, on the area where the can was located, precipitate 0.37 inches per hour.

By plotting the precipitation from each can on graph paper a true sprinkler precipitation curve may be obtained. The above test should be conducted where there is no water distortion by wind velocity.



## RANSOMES

The Motor 180 is versatile enough to trim golf tees and surrounds, ideal for large private and public lawns, just the machine for maintaining smaller playing fields. Its low profile design hugs the ground giving outstanding stability and performance, even on steep slopes. Instant response from the single foot pedal control for forward or reverse drive gives the ultimate in handling ability. Choice of 5 knife fixed head and 7 knife floating head cutting units lets you choose the right finish for your turf. With cutter drive completely independent of ground speed the cutting efficiency is maintained even when manoeuvring at low speed. Units latch out of work manually. Mechanical lift to units from the operator's seat and grasscatchers are optional.

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## In Your Garden How to Improve Garden Soils

by James A. Fizzell, Sr. Ext. Adviser  
Horticulture, U. of I.

Soils in North Eastern Illinois are usually heavy, cold and hard to work. The clays which causes this difficulty are the same things that make the soils among the most productive in the world.

But clay soils are touchy and need to be handled right if they are to provide roots of our plants with nutrients, moisture and air.

Soil that has been mistreated becomes hard and crusty when dry, and sticky when wet. Soil in good "tilth" is loose and easy to work, holds water, but is well drained and well aerated too.

The best way to improve the "tilth" of garden soil is to add organic matter and dig it in before planting. Any kind of organic matter is usable. Availability and price are usually the determining factors. When manures were available for the taking they were a good choice. Now-a-days they are expensive.

Shredded leaves are abundant because of burning restrictions. They are composted by many communities and free for the taking. In some areas, sawdust, fine wood chips, corn cobs or similar materials are available. Some of these may extract nitrogen from the soil so you might need to apply a little extra at planting time.

Grass clippings are always available but should be composted before using if treated with weed killers.

Apply a layer of the organic material three to six inches deep over the garden, and spade in as deeply as you can. If you garden in raised beds, you can economize because none of your organic material will be wasted on walkways.

Most gardeners anticipate the need of organic matter each year. Be on the lookout for things such as bags of clippings, leaves in fall, or whatever becomes available. You can add many of these things to your garden as mulch during the season, or start a compost pile so you will always have a supply available.

### Nematodes

Nematodes or eelworms are non-segmented worms with cylindrical or spindle-shaped bodies. Most are from 0.5 to 1.5 millimeter long and 40 to 50 times as long as they are broad. There are generally 3 types; i.e., those that live on decaying organic matter, those that feed on small soil inhabiting animals and those that feed on plant roots. They are represented in the following classes:

awl	<i>Dolichodorus</i>
burrowing	<i>Radopholus</i>
cyst	<i>Heterodera</i>
dagger	<i>Xiphinema</i>
lance	<i>Hoplolaimus</i>
lesion	<i>Pratylenchus</i>
pin	<i>Pratylenchus</i>
ring	<i>Criconemoides</i>
root knot	<i>Meloidogyne</i>
sheath	<i>Hemicycliophoro</i>
spiral	<i>Helicotylenchus</i>
sting	<i>Belonolaimus</i>
stubby root	<i>Trichodorus</i>
stunt	<i>Tylenchorhynchus</i>

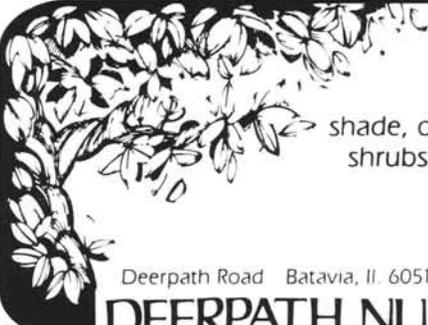
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### TYPICAL DISTRIBUTION

MESH	MM	% RETAINED
30	0.60	0.2
35	0.50	0.8
40	0.42	3.4
50	0.30	28.0
60	0.25	25.9
70	0.21	23.5
100	0.15	18.0
140	0.10	0.2

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- HELPS CONTROL WEEDS
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