

MAY, 1966  
VOL. 19, NO. 11



# The Bull Sheet

*Official Bulletin*

*Midwest Association of Golf Course Superintendents*

**GOLF —**

**DINNER**

**JUNE MEETING**

**TUESDAY, JUNE 7, 1966**

**GLEN EAGLES COUNTRY CLUB**

**EDUCATIONAL PROGRAM**

**BUSINESS MEETING**

DOUG JABAAY, Editor  
P. O. Box 305  
Naperville, Ill. 60540

---

OFFICERS

President - Adolph Bertucci  
1st Vice-President - Dudley Smith  
2nd Vice-President - Walter Fuchs  
Secretary & Treasurer - Roy Nelson

DIRECTORS

Edward Braunsky	Gerald Dearie, Jr.
E. F. Johnson	Douglas Jabaay
Thomas Burrows	Edwin Wollenberg

---



Arnold Bodhaine, Superintendent Palos Country Club

### *The President's Message*

The golf season has arrived and with the recent good weather the golfers are out in full force. Many of the Midwest members are hearing the same, old, springtime complaint, "Why can't we use the carts on the fairways?"

I'm sure if these avid golf fans would stop to realize what damage can be done to the soft, wet fairways by the carts, they might not complain so loudly.

In general, the Chicago area courses are in fine shape with most Superintendents reporting little or no winter damage. The big problem will be getting the grounds' crews up to full force in order to meet the demands of this lush growing weather. This is the time of year we should really appreciate the modern, efficient machinery we have at our disposal . . . . where would we be without it?

Adolph Bertucci  
President

**PATRONIZE OUR  
ADVERTISERS**

### MAY MEETING

Palos Country Club was the place of our May meeting. Ralph Krueger, manager, was again a gracious host to our association with the wonderful buffet dinner. The speaker of the evening, Mr. Joseph Hantman of Lubin and Lubin Associates, brought us up to date on the many benefits of the retirement program. Quite a few were surprised that you could get members of your family and permanent members of your crew enrolled. This is something that more of us should look into as a fringe benefit supplied by the club.

Our thanks to Arnold Bodhaine, host superintendent, who had the course in good condition considering the Spring cold weather and heavy rains.

In their report on the golf outing on this brisk 50 degree day in early May, Braunsky and Burrows checked in 38 golfers. All of whom enjoyed themselves from the talk during cocktail hour about a couple extraordinary tricky and beautiful golf holes.

Golf Tournament: Calaway handicap system.

Prizes were won in the following order: Joe Dinelli, Don Gricus, Oscar Miles, Joe Canelli, Norm Kramer, Art Cleason, Gerald Dearie, Bill Saïelli, Sr., Russ Reed, Don Weisenburger, Fred Opperman, C. Mitchell, John Hooper, John Eble, Roy Nelson, J. Meyer, G. Weidner.

The most powerful and accurate golfer of the day was Al Bertucci, winning the longest drive contest on the tenth hole.

At the June Meeting the plan for golf is:

1. Low ball twosome using Calaway handicap system, so get your partner in advance.
2. A par three hole, closest to the pin contest.
3. **Non-golfers:** Putting contest at 4:30 sharp on the practice green.

See you there!

Phone: 312 669-5452 or 312 669-5771

**LOUIS SCHACHTNER**

*Distributor*

**BLACK DIAMOND HUMUS SOIL**

HUNTLEY, ILLINOIS

**Kay-Bee**

PROFESSIONAL SERVICE  
for the  
PROFESSIONAL TURF MANAGER



MAY WE  
DEMONSTRATE  
THIS VERSATILE AND  
UNIQUE MACHINE ON YOUR COURSE

**KAHN BROS. CO.**

CHICAGO, ILL. 60609

BO 8-0640

*EXCELLENCE IN SERVICE SINCE 1893*

**TORONTO C-15 SOD and STOLONS**

(Grown on sterilized soil with seedheads removed)

Merion and Kentucky Bluegrasses

**SURE-GRO**

Plant Foods

12-6-6 Organic Base

12-6-6 16-8-8

10-6-4 5-10-5

10-10-10 10-3-7

*H. & E. Sod Nursery, Inc.*

4301 W. Flossmoor Rd.

SY camore 8-2210

Tinley Park, Ill.

**— IN MEMORIAM —**

A. WARD CORNWELL

Ward Cornwell, superintendent of the Evanston Golf Club, passed away May 4th after a brief illness, at the age of 59.

Ward had devoted his entire life in the interests of turf management. Born in Hanover, Michigan, his first contact with golf came as a worker at the Arbor Hills Country Club in Jackson, while attending high school. He later attended the Michigan State University where he majored in Turf Management. As superintendent, he served at Pine Lake, Walnut Hills, Lockmore and the Detroit Golf Club, all in Michigan, and at the Washington Golf and Country Club in Arlington, Va. prior to coming to Evanston in 1962.

During his career as a Golf Course Superintendent, Ward was untiring in his efforts to build a better profession. His leadership elevated him to the presidency of a number of professional groups beginning with the Detroit and Border Cities Golf Course Superintendents Association and the Michigan Turf Foundation at Michigan State University. Beyond the borders of Michigan, Ward also gained prominence as the president of the Midwest Regional Turf Foundation at Purdue University with his ultimate recognition in 1956 when he served as the president of the Golf Course Superintendents Association of America.

Ward was particularly active in bringing education and research into the Turfgrass Management field. He trained 12 young men as student superintendents over the years, all of which hold superintendent's positions today. He is survived by his wife Kay; a brother, Robert, of Detroit; a son, Arthur and a daughter, Mrs. Suzane Potter.

Ward's passing leaves us with the memory of having known one of the finest and most dedicated gentlemen of our profession. We will miss him in our ranks.

Ask about our complete line of Turf Products for all Golf Course Maintenance.



RUSSELL L. FISHMAN

321 Lambert Tree Road, Highland Park, Illinois

**THE SEQUESTERED FERTILIZERS**



"Can't stop now, I have to get the cup in before this Fertil-Ade green closes the hole."

**FERTIL-ADE and AQUA-SOL**

For 15 years Golf Course Superintendents have relied on Fertil-Ade or Aqua-Sol for Better Greens that stay Better.

**FERTIL-ADE, LIQUID**

No. 1 10-8-6

No. 2 10-8-6 with extra chelated iron.

No. 4 15-0-7½

No. 5 15-0-7½ with extra chelated iron.

**INSTANT AQUA-SOL**

25-10-20 This ratio of analysis scored "Most Likely for best growth of lawns, trees and flowers."

Distributed by: George A. Davis, Inc. - R. L. Ryerson

**SMITH EQUIPMENT and SUPPLY CO.**  
1615-21 N. Central Ave. • Chicago 39, Illinois

## Nels J. Johnson, Tree Experts, Inc.

SINCE 1930

Complete, economical tree service for Private Estates, Parks, Municipalities, Golf Courses Cemeteries, Schools, Industrial Areas.

All phases of Arboriculture, Diagnosing, Pruning, Treating, Transplanting, Fertilization, Hydraulic and Mist Spraying, Removals, Stump Routing, Municipal Forestry.

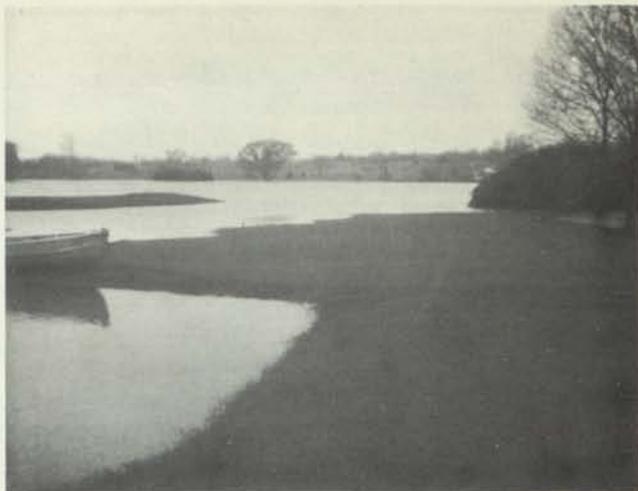
— FULLY INSURED —

GRADUATE FORESTERS • LICENSED ARBORISTS

MAIN OFFICE: 912 Pitner Avenue, Evanston, Illinois

Phones: GR eenleaf 5-1877 — GR 5-5255

Hinsdale, Illinois — FA 5-0970



Picture taken at Woodridge Country Club on May 12 after the Du Page river branch left its banks. What you see is the putting clock with a boat tied up ready for use to go to the maintenance shop. Tony Meyers' course was half covered with water.

## WASHINGTON and TORONTO (C15) STOLONS

S O D F O R A N Y S I T U A T I O N

MERION AND KENTUCKY BLUE GRASS,

CREEPING BENT, FESCUE OR

MEYER (Z52) ZOYSIA

## WARREN'S TURF NURSERY

8400 W. 111th STREET :: Phone: GIbson 8-7200

PALOS PARK, ILLINOIS

## C. E. STEWART

*Civil Engineer*

Irrigation, Drainage, Water Supply, Pumping Plants  
Design — Reports — Consultation — Supervision

18357 Homewood Ave.

Homewood, Illinois

## FUNGICIDES IN PRE-MEASURED WATER SOLUBLE bags

The W. A. CLEARY CORPORATION is now marketing their "Spotrete" and "Thimer" fungicides in Water Soluble Bags. The problem of measuring and the irritations of the nose, eyes, and throat are eliminated. Each bag holds 8 ounces and treats 2000 square feet. Just place the water soluble bag in the spray tank water and agitate. These water soluble bags are unlike previous inefficient bags in that they will go into solution immediately and will not clog the tank screens or nozzles.



For Information  
and Quotations

Write → → → → →

Phone → → → → →

NEW Weather Control Shelters

Engraving — Styles — Colors

Tee Data SIGNS and BENCHES

Club Entrance & Grounds SIGNS

ORDER NOW FOR SPRING and SAVE

**PARKWAY PRODUCTS**

ENGRAVED REDWOOD SIGNS

**BOX 487 McHENRY, ILL. 60050**

**Area Code 815-385-0825**



MORE AND MORE MID-WEST GOLF COURSE SUPERINTENDENTS  
ARE SWITCHING TO IMC FERTILIZER PRODUCTS. YOU, TOO,  
CAN ENJOY OUTSTANDING RESULTS AT NO INCREASE IN COST.



Our Turf Specialists Are At Your Service!

**INTERNATIONAL MINERALS & CHEMICAL CORP.**

Skokie, Illinois

Phone YO 6-3000



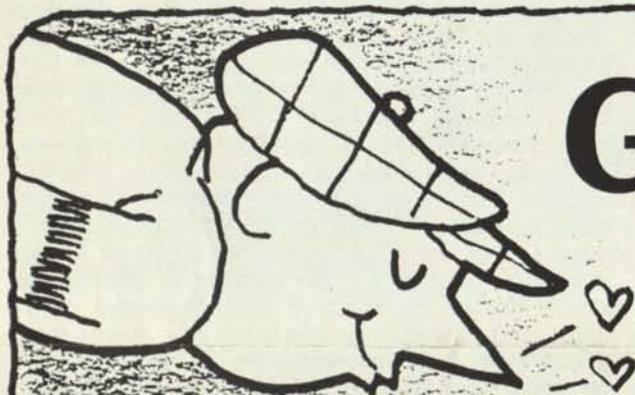
fairway, or golf green grow under artificial conditions and are more subject to attack by disease organisms than they would be in their natural environment. Healthy, vigorously growing, adapted turf grasses — that are properly managed — can best ward off disease attacks.

2. **The environment is made less favorable for the causal organism and more favorable for the grass plant.** Fungi that cause turf diseases require much the same sort of environment that turfgrasses require: food, moisture, oxygen, and a favorable temperature. The basic concept here is to grow grass in an environment that will be unfavorable to the growth, multiplication, and spread of disease-producing fungi. This we can do by:

a. **Keeping the grass blades as dry as possible** for as long as possible. Fungi, with the exception of the powdery mildews, require free moisture on the grass plant for 3 to 12 hours or more to infect a plant. Poling, brushing, and hosing are means of removing dew and guttated water in which these organisms thrive. There are reports of superintendents' applying non-toxic, surface-active detergents to grass that prevented dew from clinging to the grass blades. The fungi couldn't penetrate without moisture, and no disease developed. Poor surface and subsoil drainage causes compaction and soil aeration problems. Roots are suffocated from lack of oxygen or are "drowned." The result, too frequently, is disease. "Dead," humid air over a pocketed turf area causes disease problems. There is no wind to dry off the grass

blades. If we could keep grass dry — and this includes the thatch — we would have no disease problems aboveground. Root rots that cause "wilt" of golf green in July and August are commonly due to overwatering of the root zone to keep the turf soft. Keeping the soil near the saturation point prevents normal root growth and favors the growth of organisms like Pythium, a common water mold. Proper water control is the single, biggest environmental factor in keeping disease in check on golf greens or other frequently watered turf areas.

- b. **Eliminating the dead grass (mat or thatch)** in which disease-organisms thrive. Removal helps to "starve out" these fungi and forces them to compete unfavorably with the multitude of bacteria and fungi in the soil, many of which are antagonistic or even parasitic to the disease-producing organisms that attack grass. The thatch also acts like a sponge in holding excess moisture. Elimination of thatch has cut the fungicide budget of many golf clubs in half.
- c. **Keeping large trees away from greens** or installing root barriers.
- d. **Not injuring the grass** by careless use of pesticides, using a mower out of adjustment, leaving the cup too long in one spot, walking or riding on turf that is soggy, removing half or more of a grass blade at one mowing, etc. Remember that anything you do to grass to weaken it may lower its natural resistance, allowing a disease organism to "take over."



# Golfer's Delight

**5** Reasons why we recommend our 10-5-5 PELLETED for Fairway Fertilizing

- 1 Uniform Pellets — for uniform application by all types of spreaders
- 2 Dust free
- 3 Dual feeding — fast acting chemical forms and slow release organic forms of plant food
- 4 Non-burning — organic base
- 5 Contains secondary and trace elements for Better plant health

*Fairways and greens kept at their best! And remember: DARLING'S PLANT FOODS DOES IT BEST!*

**DARLING**  
& COMPANY

4201 S. Ashland Ave., Chicago 60609  
Phone: 927-3000

3. **The disease organism is killed or prevented from reaching the plant and producing disease.** We have talked about removing moisture and thus preventing a fungus from penetrating. We could also mention using sand or other sharp particles to improve surface and subsurface drainage and aeration. You can probably think of other ways to prevent distribution of the organism. But the principal means of control here is chemical. We can apply a soil fumigant to the turf area before planting and kill fungi, nematodes, insects, and weed seeds — all at once, using a single chemical like methyl bromide, chloropicrin, Vorlex, Vapam, or V. P. M. Soil Fumigant. The expense is fairly high, but more and more of this type of control is being used before seeding or sodding greens, tees, stadium turf, and even home lawns. Generally a polyethylene cover is placed over the treated area to retain the fumes of the fumigant. The only problem is that disease and nematode problems may become **more** severe later because of lack of competitive fungi, bacteria, and nematodes in the treated area. Once a disease-producing organism is introduced (blown, washed, or tracked) into a treated area, there is no "biological check and balance."

This discussion brings us to the use of turf fungicides on a preventive schedule — applied **before** the disease strikes. We recommend that you follow the manufacturer's directions on the package label as regards rates to use, interval between applications, compatibility with other chemicals, grasses on which the chemical is to be used, etc.

The method of application is very important. We suggest at least 5 to 10 gallons of spray per 1,000 square feet to adequately wet the grass blades, thatch, and top quarter inch or more of soil. I would use five gallons of spray against such diseases as powdery mildew and rust, which attack only the grass blades. Other diseases, such as dollar spot, brown patch, Pythium, melting-out, and snow molds, attack the crown and root area before growing on and over the grass surface. Here 10 gallons per 1,000 square feet are barely adequate. For diseases like brown patch, where the causal fungus is known to survive in the form of sclerotia buried in the soil, 15 gallons would probably do a better job.

High pressures are **not** necessary! It is much more important that the fungicide be applied evenly. In most cases the best way is to use a multi-nozzle boom and apply the chemical equally in two directions. The time interval between spray applications should vary with temperature, expected disease, grass condition, chemicals used, and amount of rainfall or artificial watering. The spray interval may be as short as two or three days in hot, wet weather or stretch out to two weeks if the weather is cool and dry. Some fungicides give some protection for a week or 10 days even when four to six inches of water has fallen as rain or been applied by sprinkler. Another chemical may last only two or three days under similar conditions. The problem is complex and one that you have to "feel out" for yourself, based on your knowledge of the chemical and its past performance, the problem turf area involved, past fungicide and other records, and knowledge of the factors that cause a particular disease to flare up. It is only through keeping records that you can hope to determine why a certain fungicide failed — or did the job. All the

## TURF TROUBLES



try our line of tested, trusted  
treatments for finest turf!

- FUNGICIDES
  - HERBICIDES
  - LIQUID & SOLUBLE FERTILIZERS
  - WETTING AGENTS
  - INSECTICIDES
- write for our FREE 25th Anniversary Catalog

**ALFCO ROKEBY CO., INC.**

Marietta, Ohio • P. O. Box 267 • phone 373-1394

### EVERSPRAY CO.

- UNDERGROUND LAWN SPRINKLING SYSTEMS
- IRRIGATION EQUIPMENT  
AND SUPPLIES**

GEORGE WELLEK

9250 GOLF ROAD  
DES PLAINES, ILLINOIS  
296-5555

## MILLBURN Peat Moss

**SAVES TIME! SAVES MONEY!**  
PROMPT DELIVERY ON BULK TRUCKLOADS

Write, or phone collect: (A/C 317) 583-4411 for details  
MILLBURN PEAT CO., INC. P. O. BOX 297 OTTERBEIN, INDIANA

## PAUL E. BURDETT

*Seed - Fertilizers & Golf Course Supplies*



SOLE DISTRIBUTORS

OF

AGRICO COUNTRY CLUB

**12-4-8**

(50% Organic Nitrogen)

**10-6-4**

(25% Organic Nitrogen)

**16-8-8**

Also

**Hydraulic Feeders**

**Rainbird & Nelson Sprinklers and Valves  
Myers Pumps**

**E. I. DU PONT & CHIPMAN CHEMICALS**

P. O. Box 241, Lombard, Illinois — 629-1123

Jim 629-0223

### CLEARY PRODUCTS FOR BETTER TURF

- PMAS** — Crabgrass and Turf Disease Control  
**CADDY** — Economical and Effective — Liquid Cadmium Fungicide  
**SPOTRETE** — 75% Thiuram Fungicide  
**"THIMER"** — A broad-spectrum wettable powder fungicide and crabgrass killer containing phenyl mercury and thiram.  
**"METHAR"** — Disodium Methyl Arsonate (DSMA) in wettable powder (highest concentrations) and liquids.  
**"SUPER METHAR"** — The new "AMA" liquid crabgrass killer.

#### CLEARYS MCPP

For selective control of Chickweeds, Knotweeds, Clover, Dandelion, or Plantain in Bentgrass Greens and Fairways as well as Bluegrass, Fescues, and their mixture.

#### "ALL WET"

Added to Water Obtains Quicker and Deeper Penetration  
Retains Moisture, Prevents Dew

**W. A. CLEARY CORPORATION**  
NEW BRUNSWICK, N. J.

### ASPHALT DRIVEWAYS - PARKING LOTS - ETC.

"Golf Course Work a Specialty"

### LEMONT PAVING CO.

(RAY MURPHY TRUCKING)

115th & Archer Ave. (Rt. 4-A) — Lemont, Illinois  
RAY MURPHY CLearwater 7-6701

Phone: 312 669-5452 or 312 669-5771

### LOUIS SCHACHTNER

Distributor

### BLACK DIAMOND HUMUS SOIL

HUNTLEY, ILLINOIS

## PRECISION BLENDED TOP DRESSING

Custom blended to your specifications  
by our modern equipment.

*Buy when you need —  
Eliminate costly storage*

We sell an air dried, uniform and  
free flowing top dressing.

ASK THE MAN WHO HAS USED IT.

HUMUS — BLACK SOIL

## HENRY FRENZER

Area Code 312  
729-4290

1719 Grove St.  
Apt. 8  
Glenview, Illinois  
60025

fungicides in the world cannot replace a poor turf management program.

The equipment you use is also important, especially on a golf course. How fast you can get around and complete a spray application? Pythium strikes, is this fast enough? These are questions you have to answer for yourself. The important thing is to get uniform coverage of the grass. You may have to put in a commercial spreader-sticker or wetting agent to insure wetting of the grass blades and better penetration of the thatch and soil surface.

Table I gives a summary of turfgrass diseases and the fungicides that have been reported by various research workers as giving some degree of control. The success (or possible failure) you have with these fungicides, however, will depend on how well you have put the pieces of the overall turfgrass disease control picture together.

### WANTED: BARTER - EXCHANGE - SELL

This section will be used whenever any one who wishes to dispose of, swap, sell or buy any thing of value.

**For Sale:** One inch irrigation hose in 50 and 100 foot length at 20¢ a foot. Contact Mr. Wes Updegraff, Supt. Oak Park C.C., Oak Park, Illinois.

**For Sale or Trade:** Baughman fertilizer spreader with 10 H.P. Wisconsin engine. 1960 Jeep model FG 150 with 7 foot snow plow. The following implements for a Farmall Cub, front end loader — cultivator-corn planter and seeder. Contact Fred Opperman, Supt. Elmhurst Country Club, Wooddale Rd., Elmhurst, Illinois.

**For Sale**—One Royer Shredder, used very little. Call Al Bertucci, Old Elm Country Club, phone 432-6270, Fort Sheridan, Illinois.

**For Sale**—One chain hoist, 3-ton capacity; 36 inch Lawn Beauty professional power spreader; Band saw with motor. Contact Paul Voykin, Briarwood Country Club, Deerfield, Ill. WI 5-3350.

**For Sale**—1962 Lindig Soil Shredder with screener attachment. Model 3-B-9 20 yds. per hour, used about 20 hours. Contact: Denis Straus, Rolling Green Country Club. CL 3-0400.

## PATRONIZE OUR ADVERTISERS

- MERION and KENTUCKY BLUEGRASS
  - C-15 SOD and STOLONS
  - PENCROSS BENT SOD
- DEARIE and STRUD SOD NURSERY**  
or Thornton's Turf Nursery  
R. R. 2 - Box 72 - ELGIN, ILLINOIS  
SHerwood 2-5030

Table 1. Summary of turfgrass diseases reported to be controlled by various fungicides.

Fungicide	Diseases							
	Melting-out; leaf spot	Brown patch	Rust	Powdery mildew	Fairy ring, toadstools, mushrooms, puffballs	Dollar spot	Snow mold	Pythium
Acti-dione-thiram <sup>3/</sup>	yes	yes	yes	yes		yes		
Caddy						yes	yes	
Cadminate						yes		
Cad-trete						yes		
Calo-clor		yes			yes	yes	yes	
Calocure		yes			yes	yes	yes	
Dyrene	yes	yes	yes			yes	yes	
Fore	yes	yes						
Karathane				yes				
Kromad	yes	yes <sup>1/</sup>	yes	yes		yes	yes <sup>2/</sup>	
Ortho Lawn and Turf	yes	yes		yes		yes	yes	
Panogen Turf Spray	yes	yes			yes	yes	yes	
Phenyl mercury <sup>2/</sup>	yes	yes			yes	yes	yes	
Tersan	yes	yes	yes			yes		
Tersan OM	yes	yes	yes		yes	yes	yes	
Thimer	yes	yes	yes		yes	yes	yes	
Dexon								yes

<sup>1/</sup> Calo-clor or Calocure (1-1 1/2 ounces per 1,000 square feet) should be added to Kromad to control brown patch and snow mold.

<sup>2/</sup> Trade names of phenyl mercury: PMAS, Puratized, Tag, Liquiphene Turfgrass Fungicide, Merbam 10, Puraturf, etc.

<sup>3/</sup> Only Acti-dione-thiram is suggested for use on bentgrasses. Acti-dione RZ may cause injury.

## A GUIDE TO SUCCESSFUL POOL OPERATION

1. Adhere rigidly to equipment manufacturer's recommendations for inspection and operation maintenance routine (lubrication, etc.) regarding motors, pumps, chemical feeding equipment, etc.
2. Keep a running inventory of disinfectant, filter-aid material and other chemical supplies used every day, to guard against shortages; also, reagents for residual and pH testing.
3. Maintain a small stock of spare parts for feeding units and other equipment (gaskets, etc.) which may be needed to facilitate anticipated normal maintenance or repairs.
4. Clean out the basket of the hair-and-lint catcher unit not less than once each week. (There should be a spare basket available).
5. Check reading on filter pressure gauges (and rate-of-flow meter reading, if available) several times each day. Hourly readings should be made in the case of diatomaceous earth type filter units. Filters, of course, should be backwashed when indicated by readings. Keep air from accumulating in top of filters by operating release valves. Check pump rate occasionally by comparing pump gauge pressures with pump's performance curve.
6. Adhere strictly to the filter manufacturer's instructions on method of backwashing the filters.
7. Make Chlorine (or bromine) residual tests on samples of water directly from the pool several times daily to insure that the proper residual level is always available. Under usual conditions of pool use, this test should be made:
  - a. Early in the morning.
  - b. A hour before the period of swimming begins.
  - c. About 10 minutes after a large group has been admitted into the pool water.
  - d. During periods of heavy pool usage (several times).
  - e. Before the operator leaves for the night.In reference to 7b above, the residual should be built up to a high value (about 1.0 ppm, free) in anticipation of the effect of a heavy bathing load in consuming the disinfectant.
8. Make pH tests of pool water at least twice daily.
9. Operate recirculation and filtration system continuously, 24 hours per day.
10. Clean the pool bottom of visible sediment 2 or 3 times weekly. If only a weighted brush is available, use it daily.
11. Introduce make-up water each morning sufficiently to overflow the pool for 10 to 15 minutes, to skim away surface debris.
12. Maintain pool overflow gutters, pool decks, bath-house floors and fixtures (urinals, toilets, lavatories) should be cleaned and disinfected 2 to 3 times daily, depending on the bathing load.
13. Once a week remove "grease line" from pool walls at water level.
14. Enforce personal regulations.

"DESIGN OF BUCKNER AUTOMATIC  
GOLF COURSE SYSTEMS"

**Sisco**  
CONTROLLED RAIN

### Sprinkler Irrigation Supply Co.

650 Roosevelt Rd., Glen Ellyn, Ill.

GLEN ELLYN

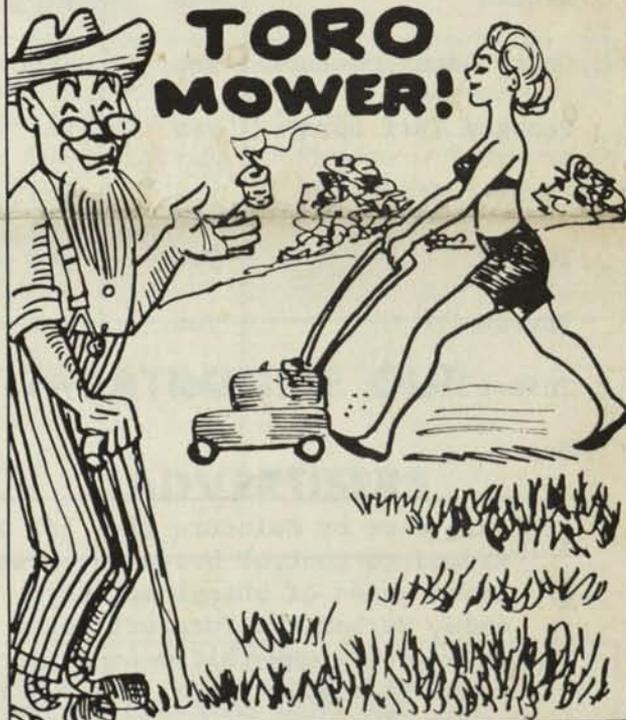
HO 9-8730

### MILORGANITE

USED AND PREFERRED BY  
GOLF COURSES EVERYWHERE

There ain't nothin' purtier  
than a lawn mowed with a

**TORO  
MOWER!**



**GEORGE A. DAVIS, INC.**

5440 Northwest Highway — Chicago 30, Ill.