



# The Bull Sheet

*Official Bulletin*

*Midwest Association of Golf Course Superintendents*



WALTER FUCHS

THE JULY MEETING  
MONDAY, JULY 7, 1958  
GLENEAGLES COUNTRY CLUB  
LEMONT, ILLINOIS  
WALTER FUCHS, OUR HOST

GOLF — SOCIAL MEETING  
DINNER - 7:00 P.M.  
BUSINESS MEETING  
EDUCATIONAL MEETING

*You will want to play Gleneagles  
where the \$50,000.00 Chicago  
open will be played the  
end of this month.*

Annual Picnic—Adler Park, Libertyville, Ill.—July 15.



**THE BULL SHEET**, official publication of THE MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS.

William H. Stuppel, Editor, 543 Michigan Ave., Highland Park, Ill.

---

**THE PRESIDENT'S MESSAGE**

While sitting here writing this message it is raining and we have had our share of rain for the month of June. But we have been lucky that the temperature hasn't been real high with all this wet weather.

We had a very good turn out at the Brookwood Country Club and Joe Venturella was an excellent host. The course was in fine shape and the new Club House was beautiful. Our next meeting will be at the Gleneagles Country Club on July 7th where the Chicago Open will be played. From all reports the course is in beautiful shape and is a sure challenge to the golfer. Walter Fuchs will be our host and I'm sure he will show us all a good time.

On Tuesday July 15th we will have our annual picnic which will be held at Adler Park in Libertyville. Nels Johnson will be our host so save that date and bring out the family and have a good time. Hot dogs and pop will be served by the Association.

Ed Stewart

---

**NEW MEMBERS**

We welcome the following as new members of our Association. Gordon A. Ramsey, Gordon V. Davis, Raymond L. Sophie, Joseph W. Gentz, Edward M. Schult and Roy Nelson.

---

**COMING EVENTS**

July meeting, Gleneagles Country Club, July 7. Walter Fuchs, Host.

Annual Picnic, Adler Park, Libertyville, Ill., July 15.

August meeting, Twin Orchards Country Club, August 4. Ben Kronn, Host.

September meeting. Joint meeting with Wisconsin Golf Course Superintendents Association. Brynwood Country Club, Milwaukee, Wis., Sept. 9. Les Verhaalen, Host.

October meeting and Fall golf tournament. St. Charles Country Club, October 6. Art Benson, Host.

November meeting, Silver Lake Country Club, November 3. John Coghill and Norm Kramer, Hosts.

Fall Clinic, Olympia Fields Country Club, November 18-19. Gordon Brinkworth, Host.

December meeting, Annual Meeting and Election of Officers, Glendale Golf and Country Club, December 1. Clarence Mueller, Host.

---

Jim Holmes has an office in Room 241, La Salle Hotel, Chicago and volunteers to be of any help he can to our association now and later in preparation for the Turf Conference and Show at the Sherman Hotel next winter. Jim says he will be glad to help us whether it is with typing, mimeographing or leg work. His phone is State 2-7485.

---

**HAVE YOU PAID YOUR DUES?**

Our secretary has sent out third and final notices for dues for 1958 and says that if he does not get a prompt response, those on the delinquent list will be dropped from our membership list.

**THE JULY MEETING**

The July meeting will be held at Gleneagles Country Club, Lemont, Illinois on Monday, July 7. Walter Fuchs will be our host. There will be the usual golf tournament in the afternoon, social hour, dinner and the business and educational meetings to follow in the evening.

---

**OUR PICNIC**

Our Annual Picnic will be held at Adler Park, Libertyville, Ill. on Tuesday, July 15. Nels Johnson whose home is near the park will be there to greet us. There will be dancing, swimming, games for young and old, refreshments and, of course our famous hot dog supper in the evening. If you are planning to have lunch at the park, bring your own picnic basket. The Editor has thoroughly scanned weather charts and comes up with the forecast of fine weather on that date, so accept the invitation of the Picnic Committee to spend a wonderful day at Adler Park on July 15. Adler Park is on Milwaukee Avenue near Route 120.

---

**OUR JUNE MEETING**

It was a beautiful day at Brookwood Country Club when our host, Joe Venturella led some 56 golfers around a perfectly groomed golf course for 18 holes of sterling golf. The greens were in excellent condition and the fairways close cut. All who played had a happy time and, except in a few cases, all were well satisfied with their game. A social hour was enjoyed after the golf tournament was over and 75 members and guests then enjoyed a bountiful roast beef dinner.

At the meeting following dinner, President Stewart announced the resignation of Ray Gerber as Chairman of the Information and Placement Committee. Ray had been Chairman of this committee since it was formed in 1950. He has done a wonderful job and we are sorry to see him go. Ed Stewart announced that he would take over as Chairman for the time being, at least. Agar Brown, National Secretary, attended our meeting and announced that at the Spring Executive Committee Meeting, the Administration Committee and the President were empowered to interview and hire an assistant to the Secretary for the St. Charles office. Several men were interviewed and on May 21 John E. Lagershausen was selected for the position. Mr. Lagershausen comes well recommended and will be of great assistance to the Secretary mostly in working on The Golf Course Reporter. Mr. Brown urged all Superintendents to get pictures of their courses and send to him not later than November 10 to be used in the Souvenir issue of the Golf Course Reporter for the National Turf Conference and Show this winter in Chicago. He reported that the National membership was now 1223. Golf Committee Chairman Ben Kronn distributed the golf prizes.

After the regular meeting, a special meeting was called to determine in what manner we were to raise funds for our expenses in connection with the National meeting this winter. Four proposals were presented. (1) That our Association should contribute the money out of funds in our Treasury. (2) That all members should be assessed \$5.00 for every \$5.00 of annual dues paid to the association. (3) That all dues should be raised \$5.00 per year for three years. (4) That all dues should be raised \$5.00 for one year. When the proposals were put to the vote of the regular membership, plan number 2 was adopted.



## GOLF PRIZES

1, Low Gross, Jock McIntosh. 2, Al Pruess. 3, Peter Voykin. 4, Norm Kramer. Low Net, 1, Ken Lapp. 2, Gerald Dearie, Jr. 3, Ed Burke. 4, Russ Reed. 5, Roy Nelson. 6, Mike Polacci. Guest Prize, Don Swenson, Jr.

## DOOR PRIZES

1, Bill Smith. 2, Wes Updegraff. 3, Mike Coyne. 4, Herman Woehrl. 5, Nels Frandsen. 6, Roger Brown. 7, Dick Hedberg.

---

Refreshments on the course were by courtesy of Armour Fertilizer Works represented at the meeting by Ed Muzik. Our many thanks to Armour and to Ed for contributing to a pleasant day.

---

## TURF EXPERTS?

It seems there are more angles to being a turf expert than are generally accepted. There is the familiar aspect of growing fine turf for golf courses and then there is the angle that has to do with Okie Dokie, Capital Lady, No Pushover, and Loan Me Five. Under the pretense of inspecting the grass, a group of south side superintendents hid themselves on a beautiful June afternoon recently, to Washington Park. Seeing thru the excuse clearly the "Ball and Chains" came along to protect the grocery fund, but this turned out to be a mistake, as this feminine instinct melted rapidly under the stress and strain of photo finishes.

All the boys were fully charged with tips by the experts from the various clubs. There are no better turf experts than the locker-room boys, bartenders, dishwashers, and tractor drivers, at the Country Clubs. They have attained this august distinction from years of experting on this mysterious profession, so much affected by a knowledge of astronomy, alchemy, and astrology. In fact, these experts generally ascribe their proficiency in dishwashing, etc., to their eminence in the turf expert field. It took quite a while to compare notes, and reduce all the tips to a useful purpose. So confusing was all this advice, that it was considered wise to throw out the tips, and substitute pure chance, by pulling the winning numbers out of a hat. This system paid off, and can be highly recommended as it resulted in two members of the party holding winning tickets for the daily double. Lucky this was, as by five o'clock the B C's were out of money, that is the grocery money for the next week, but the party could and did eat high on the hog that evening, by forcing the winners to disgorge their loot for the common defense against hunger and thirst.

The meeting was called ostensibly to transact some necessary business having to do with professional matters, but these good intentions went out the window and were heard of no more. It just doesn't work to get the two phases of the turf business mixed up together.

---

Chuck Daugherty recently made a fishing trip to the wilds of Canada and from all reports has been landing record catches of Wall-eyes, northerns, muskies, bass, etc. It wouldn't be surprising if we were all invited to a fish fry on Chuck when he returns.

A number of Superintendents are planning to inspect the Lake County Poor Farm on July 15. It is near Adler Park where we are going to have our picnic.

---

## WISCONSIN NEWS

Ronald Verhaalen, son of Lester, is now superintendent of Ozaukee Country Club Milwaukee district. Replacing Ken. Hubble who has moved to a new course in the Nashville, Tenn. territory. Best of luck to both Ronald and Ken we know you will do a top job at your new locations.

June meeting of the Wisconsin Golf Course Superintendents association was held at the Lawsonia Golf Course at Green Lake. Dominic Blinkiewicz, Host Superintendent, extended an invitation to the ladies to join us at this meeting for a tea party and tour of the grounds while the superintendents played golf in the afternoon. Lawsonia was the fabulous estate of Mr. and Mrs. Lawson, built soon after the turn of the century and now owned and operated by the American Baptist Assembly. The estate has over 14 miles of road, with many vantage points overlooking beautiful Green Lake and other scenic points on the estate. Wild deer were seen feeding at the edges of wooded areas. Dinner was served in the hotel on the grounds, and our meeting was held in one of the assembly houses. Dominic showed us some pictures (color slides) that he had taken in the fall and winter of the grounds, tree colors, and scenery were beautiful. Everyone enjoyed themselves and Mr. and Mrs. Blinkiewicz are to be commended for their ability as host and hostess.

Wisconsin weather continues to be dry with a rain deficiency of about 45% since January 1, 1958. Bright sun and high winds have added to the drought condition. While we have had warmer than normal days, nites have been cold, with frosts severe enough to freeze tree buds and even the bent of our greens. There was a shortage of rainfall last year, very little snow thru the winter and now a dry spring leaves the subsoil very dry, which may cause the graying of some superintendents hair (if he has any left).

CHARLES SHILEY

---

Jim Holmes, agronomist for the Mid-Western District of the United States Golf Association Green Section has been making his Regional Turf Service visits to clubs in this area. He recently visited Exmoor and gave us some dope on some disease trouble we had been having with turf under trees. For a number of years this disease has been noted in the form of reddish spots occurring principally under the shade of trees on greens and tees and showing up during the month of June, after which time it seems to disappear until the following June. Jim informs us that it is a leaf spot disease caused by a combination of Helminthosporium, Ascochyta and Fusarium. Treatment is with Parzate or Dithane Z-78 at the rate of 2 ounces per Thousand square feet, plus one ounce of iron. If turf does not respond to this treatment, Jim says that Kromad at the rate of 4 ounces per thousand should be used and repeated in 5 days. The best time to treat is right after mowing and do not water in.

We overheard Joe Canale telling Dave Mastroleo his method of applying fertilizer to fairways without missing any turf or overlapping. It seems that Joe sets a man on his spreader with a broom and a can of white wash and every few turns of the wheel the man slaps a dash of white wash on the wheel and that leaves a mark on the turf. According to Joe, "It takes a little labor and is a little messy, but it leaves a mark on the fairway that even I can't miss and makes it a whole lot easier for me to see where I am going."



## MINIMUM ALLOWABLE GRADES FOR TILE DRAINAGE LINES

By C. E. Stewart

The excess rainfall received in 1957 in the Chicago area revealed numerous low spots in many golf courses where water ponded and many superintendent's found it necessary to remove this water by installing drain tile in 4", 6" or 8" in size depending on the extent of the area to be drained. In some instances it was found difficult to get sufficient pitch, or slope, for the new tile lines.

In suggesting the following minimum slopes for such tile lines it must be borne in mind that a considerable amount of silt and sand wash into the line, and although catch-basins should be provided to retain the silt, it is also necessary for the drainage water to flow through the tile at a velocity which will keep the silt in suspension and prevent it from settling on the bottom of the tile and eventually to a point where the tile becomes blocked and useless. A water velocity of 3 feet per second appears to be the minimum velocity when silt is kept in suspension and which would prevent it from settling in the tile. To obtain this minimum water velocity the following formula is suggested for 4", 6" and 8" lateral tile lines:

$$100 \\ 5 \times D \dagger 50$$

D being the diameter of the tile in inches.

The above formula indicates that the *minimum* slope in feet per 100 lineal feet is as follows: —

Inside diameter of tile in inches	Minimum slope in feet per 100 lineal feet
4"	1.40 feet
6"	1.30 feet
8"	1.10 feet

The *maximum* grade is of course limited only by the surface slope of the ground.

### OUR APOLOGIES

It seems that in our last issue there was an article on Oscar Borgmeier's golf game. Oscar was pretty much upset about it, claiming that breaking 100 was no problem to him and that he had lost face due to the statement that he hoped to break 100 regularly by the end of the summer. Now we see our error and want to retract the statement and publicly apologize to Oscar. Your Editor was brought up to respect his elders and wants in no way, manner or means to hurt any of them if he possibly can. Oscar, if it will make you feel better, we hope you will soon be shooting below 80 and will go a little further and hope some day you will be among the select few who can shoot their ages.

The cool weather in June has given the superintendent what you might call a "vacation" from troubles, however, all good things must come to an end and with the lush growth of grass and the hot weather to come, be on the alert for all kinds of trouble.

Jim Holmes says that much of turf trouble in the summer months can be attributed to the weakening of turf earlier in the season by disease.

**CLEARY PRODUCTS**  
for  
**BETTER TURF**

"PMAS" - Crabgrass & Disease Control  
"CADDY" - Economical Liquid Cadmium Fungicide  
"SPOTRETE" - 75% Thiuram Fungicide  
"C-531" - The old reliable Cadmium, Zinc, Calcium Fungicide  
"PM2,4-D" - The all around weed Killer including Silvercrabgrass control.  
"ALL-WET" - Added to water it allows quicker and deeper penetration... enables soil to retain needed moisture.

**DISODIUM METHYL ARSONATE PRODUCTS FOR CRABGRASS CONTROL**

METHAR 80	METHAR 30	METHAR 30
Powder	Powder	Liquid
80% DSMA	50% DSMA	18.9% DSMA

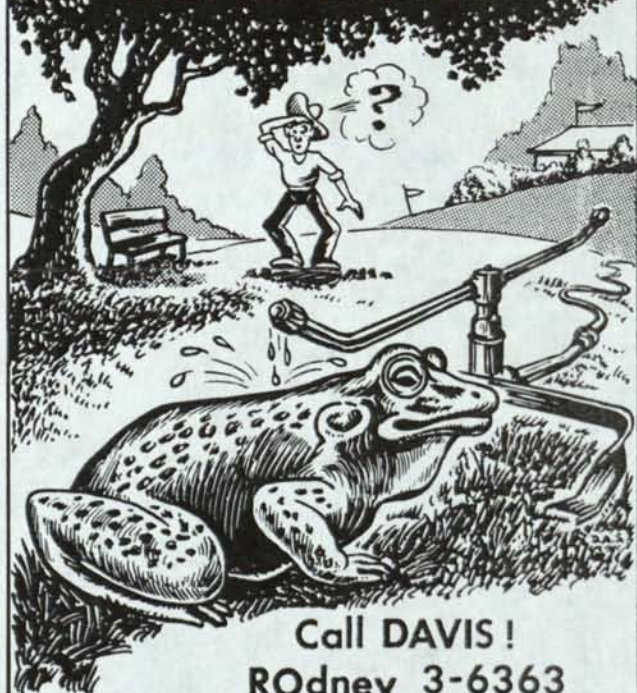
American Research Associates Inc., - Subsidiary

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

**PAUL E. BURDETT**

SEED - FERTILIZER - GOLF COURSE SUPPLIES  
Lombard, Illinois  
Phone Lombard 232 P.O. Box 241  
International Fertilizers — Dow Chemicals  
DuPont Chemicals

**Need SPRINKLERS?  
Get BUCKNER!**



**Call DAVIS!  
RODney 3-6363**

**GEORGE A. DAVIS, INC.**  
5440 Northwest Highway — Chicago 30, Ill.



**STOP  
HESITATING!  
START  
ARSENATING!**



Use

## CHIPMAN

HI-TEST                      LOW-LIME  
**LEAD ARSENATE OR CHIP-CAL**

Apply EARLY for CRAB-GRASS and INSECT-free turf this summer!

WRITE for  
Information

**A Complete Line of Weed Killing Chemicals**

SODIUM ARSENITE, OTHER ARSENICALS and 2,4-D:  
For economical turf improvement.  
ATLAS "A": For water weed and algae control.  
CHLOREA: For long-lasting soil sterilization.

CHIPMAN CHEMICAL CO., 608 S. Dearborn St., Chicago, Ill.

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

191 St. Flossmoor Rd. and Crawford

Phone - Homewood 2210

P. O. Box 140 — TINLEY PARK, ILLINOIS

Merion & Kentucky Blue Grass Sod

Toronto C-15 & Pennlu Bent Stolons

Toronto & Pennlu Bent Sod-maintained at 1/4" height

## WHEN TURF AIN'T RIGHT



*When the turf ain't right  
and the members complain,  
Or the grass turns yellow  
when there's plenty of rain,  
Or helminthisporium  
and fungus blights,  
Or compacted greens  
cause you sleepless nights,*

## ROSEMAN

2620 CRAWFORD AVE.      UNIVERSITY 4-1842  
EVANSTON, ILLINOIS

### TURF EQUIPMENT HEADQUARTERS

ROSEMAN GANG MOWERS

ROSEMAN TILLER RAKES

FORD TRACTORS

SOILAIRE PRODUCTS

JACOBSEN POWER MOWERS

WOODS LEAF MILLS

SOD MASTER SOD CUTTERS

ROTARY MOWERS

HALE DIGGERS

BACKHOES

TRENCHERS

SEEDERS

ROLLERS

WAGONS

SALES    ●    SERVICE    ●    PARTS    ●    RENTALS

### SMITH EQUIPMENT AND SUPPLY CO.

Manufacturers of

Fertil-Ade No. 1    Fertil-Ade No. 2    Tilth

Smith Copper Spray    SESCO 38

Available at George A. Davis, Inc. & R. L. Ryerson

### NELS J. JOHNSON

Tree Expert

Established 1930

Complete, economical Tree Service for Private Estates, Parks, Municipalities, Golf Courses, Cemeteries, Schools, Industrial Areas.

All phases of Arboriculture . . . Pruning, Treating, Transplanting, Fertilization, Hydraulic and Mist-spraying. Also imported and domestic — "Top Tree Tools" — Increment Borers, Tree Callipers, Pruning Saws, Knives, Pioneer Powersaws, Kieken Whirlwind Mist Blowers, Fitchburg Chippers.

Ask for folders and prices.

#### SALES AND SERVICE

MAIN OFFICE: — 912 Pitner Avenue, Evanston, Illinois  
Phone: GREENleaf 5-1877

"Five Ellums Arboretum", — 144 Walnut Avenue, Libertyville, Illinois — Phone: Libertyville 2-1121, Barrington 1088

DO NOT FORGET TO ORDER  
DI-MET CRAB GRASS CONTROL  
TERASAN-SEMESAN  
SKINNER SPRINKLERS  
NITROFORM—38% NITROGEN  
MO-GO MOLE KILLER

FROM

ILLINOIS LAWN EQUIPMENT INC.  
9919 W. 143rd PLACE, ORLAND PARK, ILLINOIS  
TELEPHONE — FIELDBROOK 9-3257

## MILORGANITE

USED AND PREFERRED BY  
GOLF COURSES EVERYWHERE

### C. E. STEWART

Civil Engineer

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



# Terra-Lite

BRAND

VERMICULITE



No. 2 for conditioning turf in new construction. No. 4 for a long lasting aerification job.

TERRA-LITE DIVISION

Zonolite Company

135 S. LaSalle Street :: Chicago 3, Illinois  
Rep. Harvey Hamilton

FOR THE FINEST IN TURF MAINTENANCE SPECIALITIES.  
Manufacturers of Liquid Fertilizer Since 1939.

## LIQUA-VITA 15-10-5

The Original Liquid Plant Food for Turf  
Does a Fine Job — Costs Less

THIRAM 75	DENOL DSMA
BLITZ 10 PMA	PENETROL WETTING AGENT
BLITZ 48 CHLORDANE	X-15 TRACE ELEMENTS
CHELATED IRON COMPLEX	2, 4-D WEED KILLERS
KRO-FOOT-KIL	Complete Line of FUNGICIDES

AMERICAN LIQUID FERTILIZER CO., INC.  
AND

ROKEBY CHEMICAL CO.

P. O. Box 267, Marietta, Ohio Phone FRontier 3-1394



## Peat Moss

SAVES TIME!  
SAVES MONEY!

NOW AVAILABLE IN BULK TRUCKLOADS

Ready to Use — Finely Milled — Steam Sterilized  
— Mechanically Dried — 96% Organic — 2.5%  
Nitrogen — 6.3 pH.

Reasonably Priced — Prompt Delivery. Write,  
wire or phone CEntral 6-4246 for details.

MILLBURN PEAT CO., INC., 111 NO. WABASH AVE., CHICAGO, ILLINOIS

## PENNLU and TORONTO (C15) STOLONS

SOD FOR ANY SITUATION  
MERION AND KENTUCKY BLUE GRASS,  
CREEPING BENT, FESCUE OR  
MEYER (Z52) ZOYSIA

## WARREN'S TURF NURSERY

8400 W. 111th STREET :: Phone: GIBson 8-2007

PALOS PARK, ILLINOIS

## FRANDSEN BROS.

GRAYSLAKE, ILLINOIS

BAldwin 3-8841

Rt. 21 & 120

FOR YOUR TURF MAINTENANCE EQUIPMENT

Authorized Sales and Service

WORTHINGTON MOWERS & TRACTORS

JACOBSEN MOWERS — LEAF MILLS

FERGUSON TRACTORS — HUDSON SPRAYERS

PUMPS — GENERATORS — ENGINES

Three Quality Plant Foods



SPECIAL  
TURF  
FOOD

10-3-7



10-6-4

Combine all three for truck load price.

Distributed by Geo. A. Davis, Inc.

THE SMITH AGRICULTURAL CHEMICAL CO.

Joe Kelly, Rep.

## "THE PLAY'S THE THING..."



NEW

Liquid 12-4-8 Ferrated  
and 10-5-5—100% Organic  
Nitrogen

BY

**KAHN BROS. CO.**

Chicago 9, Ill.

BO 8-0640

JOHN Mac GREGOR, Rep.

Merion Blue \* Zoysia \* Kentucky Blue \* Bents

DEARIE AND STRUD SOD NURSERY, INC.

Route 2 - Box 100 ELGIN, ILLINOIS

SH erwood 2-5030

GERALD DEARIE

WH eeling 94W-1

JULIAN STRUD

TE rrace 2-7513

*Want Thicker Turf . . . . Smoother Greens?*

HERE ARE TWO WAYS TO GET 'EM! Two New Specialized Turf Foods by Armour.

VERTAGREEN TURF MAKER 12-3-6, 68% Organic: Armour's newest VERTAGREEN formula for turf feeding, TURF MAKER contains natural organic and Urea-Form nitrogen . . . nourishes turf over a longer period . . . will not burn when used as directed.

VERTORGANIC 8-5-7, 50% Organic: Here's the ideal combination of natural organics and chemical elements . . . fast starting—long feeding.

Have greens, tees, and fairways that please the players. Make Armour's complete line of superior plant foods a part of your turf maintenance program as many of the nation's leading turf specialists do.

## ARMOUR FERTILIZER WORKS

Chicago Heights, Illinois

:::

East St. Louis, Illinois