

VOL. 9, NO. 1
JULY 1955



The Bull Sheet

Official Bulletin

Midwest Association of Golf Course Superintendents

Our 29th Year



AL HINTZ

Superintendent White Pines Golf Club

THE JULY MEETING
WHITE PINES GOLF CLUB,
BENSENVILLE, ILL.
MONDAY, JULY 11.
AL HINTZ, OUR HOST
GOLF IN AFTERNOON
SOCIAL GET TOGETHER,
GOLF COURSE INSPECTION
DINNER 6:30 P.M.
BUSINESS MEETING
EDUCATIONAL MEETING

LET'S HAVE A BIG TURNOUT AT WHITE PINES
AND TALK OVER OUR PROBLEMS TO
OUR MUTUAL ADVANTAGE.

THE ANNUAL PICNIC, MONDAY, JULY 18.

ROUND LAKE

THE BULL SHEET, official monthly publication of THE MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS. Editor, William H. Stupple, 543 Michigan Ave., Highland Park, Ill.

OUR JUNE MEETING

Our meeting at Herman Woehrle's Kankakee Valley Golf Course on June 7, which was our first attempt at a tri-association meeting, was a great success. Although the weather had been bad before that date and was threatening on the morning of the meeting, the rains held off until all were safely in the clubhouse enjoying the wonderful buffet dinner which Mr. Doyle the club manager had arranged for us. 35 signed up for golf and we are sure that the threatening weather scared off some who would have liked to play. All who played and the large number who walked over the course to inspect it marveled at the fine turf on the course. Herman had the course in beautiful condition and we don't know how he does it with his small crew and budget.

After dinner, President Roloff called the meeting to order and introduced Jim Brandt, President of the Central Illinois group and Ted Metz, Michiana President. Both were called upon to say a few words and agreed that such a meeting was certainly worth while.

O. J. Noer was then introduced and President Roloff, on behalf of our Association, presented him with a projector as token of our thanks to him for his wonderful help for so many years. O. J. reckoned as how a projector was just what he needed and this was no news to us, because we had already found that out from Mrs. Noer. The meeting was then turned over to O. J. and as is always the case when he is on the program, we were treated to a very interesting and informative session. After his talk, he asked if there were any questions and found there were many and varied, which he proceeded to answer as only Noer can.

Q.—Is there any kill for quack grass?

A.—There are several compounds on the market that will kill quack grass, however, in closely cut turf, quack will not persist.

Q.—What is the cure for fairy rings?

A.—Fairy rings are caused by a fungus organism which competes with the grass and if there is not an ample supply of water, the turf turns brown. Later on in the season when conditions are right again, the turf recovers. No fungicide has been found that will help. The only thing known to do is to fork the infested area and drench with water.

Q.—Why is there more Poa Annuua this summer than for a number of years?

A.—The cool, wet summer of 1954 in the Chicago area is one reason. However, a little Poa Annuua in putting greens will not do any harm. If it is well mixed with the bent, it will disappear somewhat during the hot summer month. It is a good idea not to encourage Poa by disturbing the soil during the germination period and the use of arsenate of lead at regular intervals may help to retard its spread.

Q.—How deep do we have to cut around greens to prevent tree roots from spreading into the greens?

A.—This depends on the depth of the roots. It is primarily necessary to control the surface feeders. The cottonwood is the worst offender in this respect.

Q.—Is there anything to check chickweed?

A.—PMAS has been found to be helpful and the new methyl disodium arsenite compound is promising. Up to now the cheapest killer of chickweed is sodium arsenite at the rate of 1 or 2 pounds per acre, 3 or 4 treatment one week apart in October and November. Lead arsenate has given control in years gone by.

Q.—What about nematodes?

A.—Nematodes may be doing considerable damage to turf by restricting the root systems. There are several solutions on the market for their control.

THE PRESIDENT'S MESSAGE

We had a nice turn out at Kankakee Valley CC on the 7th and I would like to thank the club and Herman Woehrle. This joint meeting was a new venture and I am grateful to both the Michiana and Central Illinois groups for an excellent turnout. O. J. Noer did his usual excellent job and we all appreciate him attending our meetings and wish him well in his new ventures.

The picnic will be held at Round Lake.

The grove will be available in the morning and throughout all of the day. You will be able to golf at Round Lake CC where Don and Dixie Swenson will be our hosts. Everyone will be sent a card announcing the picnic and this card will be used as an admittance card. If you don't bring your card it will cost you a dollar per car for admittance. The grove is located on Haineville Rd. about a mile and a half north of RT. 134.

There will be swimming, plenty of ice cream, pop, and beer. Paul E. Burdett says that he is going to bring up his boat and give rides to anybody who wants a ride.

I'll see you at the meeting at White Pines on the 11th and the picnic on the 18th.

GEORGE ROLOFF, President

THE JULY MEETING

Our July meeting will be held at White Pines Golf Club at Bensenville, Ill. on Monday, July 11. Al Hintz will be our host. Al says that he is prepared to make our visit most enjoyable, and this we believe because we have been to White Pines before. There will be the usual golf tournament in the afternoon followed by a social hour and dinner. After dinner we will have our usual short business meeting and the rest of the evening will be turned over to the Educational Committee. If you have any questions (and who hasn't at this time of the year) bring them to the meeting and we know somebody there will be able to help you.

OUR ANNUAL PICNIC

Our picnic will be held at Round Lake again this year on July 18. There will be golf at Round Lake Country Club with Don Swenson as our host. There will be games for the kids, swimming, boating and refreshments. In the evening the ENTERTAINMENT COMMITTEE will again bring on the hot dogs. Last year we ran a little short of dogs on account of the big crowd, but this year the Committee promises that nobody is going to be disappointed. Load the family in the car and come out and have a good time.

Attending the meeting at Kankakee was the only lady golf course superintendent that we know about, Miss Arlene Sliker of Streator Country Club. Miss Silker is a member of the Central Illinois Golf Course Superintendents Association.

GOLF WINNERS

1—Ed Muzik, 2—Bill Saielli, 3—Mike Downey, 4—Chuck Daugherty, 5—Walter Killmer, 6—Dom Grotti, 7—Joe Canale, 8—Ray Rolfs, 9—Bill Stupple, 10—Gordon Brinkworth, 11—Dick Naughton, 12—Adolph Bertucci, 13—Amos Lapp, 14—Bob Breen, 15—Bert Jannes.

The June meeting of the Wisconsin Golf Course Superintendents Association was held on June 13, 1955 at Hillmoor Golf Club, Lake Geneva, Wisc. Audie Williams, our host Superintendent, did everything possible to show every one a good time. While the day was cloudy and the grounds wet, the spirit of the 38 who played golf on Hillmoor's sporty and interesting course, and over 50 who enjoyed dinner in the club house, was sunny. The good will ambassadors, from Chicago District (Bill Stuppel and Bill Saielli) traveled North to attend our meeting, and we enjoyed their company, golf and hearts game. We will return their visit as the greatest benefit from our National and District Associations is the interchange of ideas in methods of turf management from district to district and from golf course to golf course.

The July meeting place has been changed from Merrill Hills—Waukesha, to MORSE HILLS —BELOIT, WISC., FRITZ REINERT SUPT.—the date, JULY 18, 1955.

Mike Siciliano of Carbide and Carbon Chemical Co., gave a very interesting and constructive talk on the use of Crag-1.

The main subject of the Bull session was the many rainy days of this month (June), with Milwaukee area reporting about 5 inches of rain in 12 of the first 13 days, and around the state reporting as many rainy days but less rainfall. Many of the courses in the Milwaukee district were closed Saturday, July 11 and Sun., July 12, because of flooded fairways. Severe cases of leaf spot were reported on most blue grass fairways, and there is much more clover than normal. Very little dollar spot or brown patch has been found on the bent grasses, but many courses reported winter kill, and there was considerable wind burn and drying out in early April before irrigation systems were operating. The variable weather before the last week of May retarded growth and the healing over of the bad spots was slow. Greens are now well on the way to summer condition.

—Charles Shiley.

There are two things we must be especially careful of from now on and they are overfeeding and overwatering of putting greens. It is a great temptation on the part of the superintendent to throw a lot of fertilizer and water on his greens to make them look beautiful, but it is a dangerous procedure if the weather turns hot and muggy. Lush growth is something that must certainly be avoided at this time of year. From past experience we have learned that greens that are too lush and soft can go out over night. Many superintendents regulate their fertilizing practice by the amount of clippings being taken from a green. It is generally the case that if more than 1½ or 2 catchers of grass is taken from an average size green when the green is being cut every day that it is wise to lay off feeding for awhile, until such time as the turf begins to go off color and the amount of growth decreases.

O. J. Noer says: Contrary to reports, he will still travel, so we will still see him around. Charley Wilson, however, will take much of the pressure off by travelling about the country. Be constantly on the lookout for wilt and iron chlorosis. Both of these can do damage to greens that will take a long time to overcome. Now Noer knows who had been calling his wife on the telephone—Frank Dinelli, Chairman of the Committee for finding out what Noer wants as a gift from the association. It seems that every time Frank tried to contact Mrs. Noer by telephone. O. I. answered. Will celebrate his 65th birthday this September. We hope he celebrates many, many more.

IRRIGATION FACTS

by C. E. Stewart, Irrigation Engineer

When watering fairways, tees or greens the layer of water applied by the sprinkler in a given time is often required.

The following formula gives the amount applied in one hour by any sprinkler, provided the following is known.

1. The discharge of the springler in gallons per minute.
2. The diameter of the circular area covered by the sprinkler in feet.

$$122 \times \text{G.P.M.}$$

$$\frac{\text{Diameter (squared)}}{\text{Diameter (squared)}}$$

= inches per hour.

For instance if a sprinkler discharged 15 gallons per minute and covered a circular area with a diameter of 100 feet the inches per hour precipitated would be:—

$$122 \times 15$$

$$\frac{100 \times 100}{100 \times 100} \text{ which equals } 0.183 \text{ inches per hour.}$$

The discharge in gallons per minute can usually be obtained from the sprinkler manufacturer catalog, once the water pressure AT THE SPRINKLER is known. A pressure gauge should be fitted on at the base of the sprinkler while it is in operation in order to find the true water pressure.

Another accurate method in determining the true sprinkler discharge is to attach the sprinkler to a hose and turn it upside down into a container and catch all of the water for a given period. Then weigh the water and be sure to subtract the weight of the container. One gallon of water weighs 8.3 pounds, so by dividing the weight of the water by 8.3 the gallons discharged from the sprinkler is obtained, this amount must of course be further divided by the number of minutes the sprinkler was allowed to discharge into the container in order to know the gallons discharged per minute.

The problem often arises on golf courses for greater volumes of water in the distribution pipe system and the superintendent is often faced with installing new and larger pipe lines or boosting the existing capacity of the existing pipe line with a parallel feeder pipe.

This makes it necessary to know the number of pipes of a given size that will equal in carrying capacity one single pipe of a larger size.

At the same velocity of flow the water delivered by two pipes of different sizes is proportional to the squares as much water as four 3" pipes. However, with the same water pressure entering each pipe of different size and velocity, or speed of water, is greater in the larger pipe and the water delivered at the outlet of the larger pipe is much greater; in fact the actual delivery of water is proportional to the square root of the fifth power of each pipe diameter.

The following table gives the number of smaller sizes of pipe required to equal in carrying capacity a larger pipe.

Diameter in	1"	2"	3"	4"	6"
2"	5.70	1.00			
3"	15.60	2.80	1.00		
4"	32.00	5.70	2.10	1.00	
6"	88.20	15.60	5.70	2.80	1.00

From the above it will be noted that one 2" pipe is equal in carrying capacity to 5.7 one-inch pipes, or one 4" pipe is equal to 32 one-inch pipe, or 5.7 two-inch pipes, or 2.1 three inch pipes.

Some other revealing facts obtained by using the above formula are as follows:—

A 1" pipe, or hose, will carry slightly more water than TWO ¾" pipes or hoses.

One 3" pipe will carry slightly more water than the combined capacity of one 2" pipe plus one 2½" pipe.

One 6" pipe will carry slightly more water than the combined capacity of one 4" pipe plus one 5" pipe.

SPREADING IT THIN

Rube Thode and his crew of the Chicago Park District Golf Courses went fishing and some of them played golf. Rube caught 2 fish which he later released, which measured a full 8 in. from tip to tail when laid end to end. Rube was thrilled. He spent all afternoon trying to catch another. Warren Roseman laid claim to having caught one of the fish.

Herman Woehrle showed us two of eight trees that were dying from Dutch Elm Disease and advised us that he was destroying as they became infected. The Kankakee Valley Course has 1000 beautiful Elms.

The prizes were good and as usual, the Midwest representatives walked off with many of them. Some of the guests won, however.

It was pleasant at Kankakee Valley C C during the evening with the river just outside the windows in the early dusk. It had been cloudy but beautiful day and the rain held off till after dark. We had a good time Herman, thanks. May we come again?

We all know now why Herman leaves the meetings early. It is a long way to the KVCC and just as long a way home. Some of the boys traveled over 100 miles and the Central Illinois and the Indiana boys came from greater distances.

Bill Swantz of the Hinsdale Golf Club was confronted during the wet weather with messy fairways when he cut. So Bill dragged the fairways crossways with a length of woven wire and spread and dragged the clippings off onto the rough and when he cut again a day or two later the fairways were clean and neat again.

Mel Warnecke was in St. Francis Hospital in Evanston from June 1st to June 8th with a slipped disc. He is out now and walking around the course.

Al Purvey of McHenry CC went to the hospital at Woodstock suddenly the first part of the month for emergency appendicitis. Al said that those doctors are really working fast these days. At four o'clock he didn't feel very well and by six they had him cut open and were deciding what to leave and what to take out.

"Roxs" Bolte got himself a new Plymouth Savoy the other day after cracking up his other car in the middle of May. He wasn't hurt but the car was not in such good condition.

Bob Breen of Fresh Meadows G C at 2nd and Wolf Rd. was involved in an auto accident early in June. Bob was badly scared and cut up badly enough to require 10 stitches. Three days later he was riding the fairway tractor again.

Keo. O'Neil, Golf Professional and Architect was buried at Rosehill Cemetery, June 9th. Mr. O'Neil will be remembered as the architect of the number 4 course at Olympia Fields C C. the Lasker Estate and many other fine local courses.

Our superintendents have been taking advantage of the clear cool weather to catch up the work that accumulated during the two weeks of heavy rain in early June. As a month June equalized itself well, it was miserable the first half and wonderful the second half. The cool nights and warm clear days were real California weather.

Gerald Dearie was able to demonstrate the value of good equipment and good men the night of June 28th. The shelter of the new fairway pump on the third course caught fire just at dusk, Gerald saw it as Eddie Schmale, the mechanic just came into the service yard. Eddie started the sprayer which was kept filled with water, and Gerald and Eddie and a salesman started for the fire. Within a few minutes the high pressure hose manned by Eddie had the fire under control and when Gerald had rounded up another machine and help, they went to work restarting the pump so night watering could go on. This is just one more time it paid to have a sprayer of adequate size filled with water on the golf course.

We regret the passing of Mrs. Walter Donn, wife of the Superintendent at Calumet Country Club, Homewood, Ill. Our sympathies to Walter and his family.

Agar Brown, National Secretary was at Kankakee and says don't forget the meeting at Long Beach, California, February 5-10, 1956.

Ward Cornwall, National Publicity Committee Chairman, urges more publicity for Superintendents and Associations in local publications.

All the boys had a wonderful time at aKnkakee. Mr. Carter, club president, Mr. Doyle, manager and, of course, Herman Woehrle, did everything in their power to make the meeting an enjoyable one. We didn't find out if anyone went fishing, although we did see a picture of some guys we could not recognize holding up a string of fish which were supposed to have been caught there.

We were glad that Herman had not sprayed all of his rough with 2, 4-D. The wildflowers were in full bloom and were beautiful.

Ruth Roloff, wife of our President George, is recovering rapidly from her recent operation.

Mrs. Cassier wife of Emil of Sycamore Golf Club came home from the Hospital to a completely rebuilt and refinished house which Emil and his daughters had spotlessly clean. Mrs. Cassier is getting along very well.

Summer sure sneaked up on us this year. Here it is July already and it seems like it should be just May. Don't forget the Picnic July 18th at Round Lake, the same place it was held last year. We all had a good time and a beautiful day last year and it ought to be equally fine this year.

The Mole



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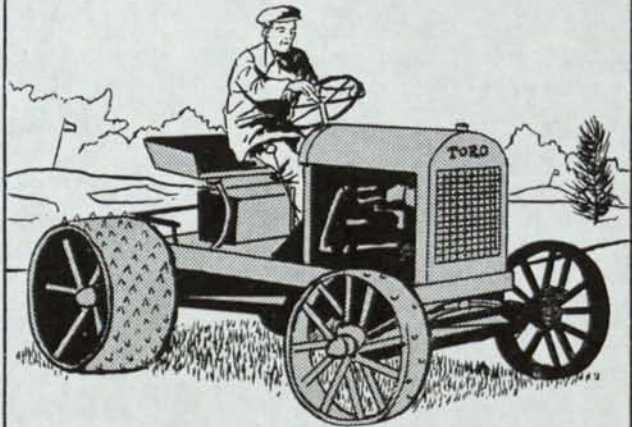
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