

JULY, 1961  
VOL. 15, NO. 1



# The Bull Sheet

*Official Bulletin*

*Midwest Association of Golf Course Superintendents*



**AL RAUCH**  
Superintendent  
Bonnie Dundee Golf Club

**JULY MEETING**

**BONNIE DUNDEE GOLF CLUB**

**MONDAY, JULY 10th, 1961**

**DINNER — 6:30 P.M.**

**BUSINESS MEETING FOLLOWING**

*Dr. Mike Britton, Speaker*  
*Plant Pathologist, University of Illinois*

*also Panel Discussion*

*Frank Dinelli, Moderator*



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

TED WOHRLE, *Editor*,  
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Chicago 20, Illinois

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PRESIDENT'S MESSAGE

Our season is now half over, and so far we in the Chicago area have enjoyed some nice weather. Last week several of our members attended the National Open in Detroit, and reported that that area was troubled in the early Spring with desiccation as a result of very dry and windy weather. We have had a lot of rains this season, but not too much rain fell at one time. As a matter of fact, we had eleven days of rain during the month of May, but still fell short of our average rainfall.

*Poa annua* once again has come to the front of our attention. Seed head formation has given us unsightly greens, as well as bumpy greens. Clover is also thriving very well this year in the bent fairways. Those courses with bluegrass fairways were fortunate in being able to control clover with 2, 4-D and 2, 4, 5-T. Some of us with bent fairways are a little leary of these chemicals, and therefore, we are reluctant to use them for fear of killing the bents. There has been a great deal of thought given to the use of Malaic Hydrazide as a growth inhibitor during *Poa annua* seeding. It is felt that this may disturb the cycle of the *Poa annua* plant which is an annual, and thereby controlling the population of this pest. If any of you plan on trying this chemical, I would advise using it on fairways only.

I would personally like to thank the Idelwild Country Club and the Chairman of the Grounds Committee, Mr. Roe, for the use of their facilities for our June meeting. Peter Voykin the Host Superintendent had the course in very excellent condition. I have never seen such consistency in putting qualities from one green to the next. The fairways were free of weeds and the tees were free of divots. It was a genuine thrill to see a golf course in such fine condition.

The Arrangements Committee has booked Bonnie Dundee for our next meeting on July 10th. Al Rauch will be our Host Superintendent, and he too has his golf course in excellent condition, and we look forward to a very enjoyable time.

This issue of "The Bull Sheet" is the 1st issue starting our 15th Year. We started the publishing of "The Bull Sheet" during the winter of 1947 when Norm Johnson was editor. Next we had Don Strand as editor when Norm moved to Florida. In 1950 Bill Stuppel took over, and in 1957 Bert Rost became editor.

Many educational points of interest have been related to our members through the "Bull Sheet". It has taken

us through changes in Fungicides, 2, 4-D, Chlordane, improvements of grass strains, and equipment changes, as well as our own research problems. We hope to continue giving valuable information to our Superintendents for many more years.

Sincerely yours,  
Ted Woehrle

BY THE BOARD

On June 15th, John Ebel the Chairman of the Educational Committee called a meeting of his committee at the Park Ridge Country Club. The purpose of the meeting was to formulate our program for the Fall Turf Clinic at Olympia Fields Country Club. Those present were; John Ebel, Al Johnson, Frank Dinelli, Dudley Smith, Ed Burke, Bob Williams, Ray Gerber, Roy Nelson and Ted Woehrle.

The dates of December 5th and 6th were tentatively set as the date of the Clinic. Some of the subjects considered for presentation on the program were as follows:

1. Preparing a Budget.
2. Work planning.
3. What is your No. 1 problem.
4. Making your orders clear.
5. Team debate on a pertinent subject.
6. The role of the Assistant Superintendent.
7. Weed identification.
8. Electric greens mowers.
9. Little things to keep the golfers happy.
10. Planning adequate maintenance facilities and storage.
11. Top dressing story re-told.
12. Charts for Chemicals.
13. When and how to use fertilizer.
14. What do we want from fertilizer manufacturers.
15. Research projects from the Universities.
16. Practical research projects.
17. Wetting agents.
18. Maintenance procedures from tee to green.
19. Our friend, the Weather Man.
20. Color slides from members of the M.A.G.C.S.
21. Aero-Thatch good or bad.
22. Salesmanship.

From the above list of subjects, John and his committee have attempted to form an interesting clinic. If you have additional subjects which you feel should be considered, contact John in the near future. He may call on some of you to participate, so please do not refuse him. The original idea of this clinic when it was first started, was for the majority of speakers to come from the ranks of the Superintendents themselves. It was felt that we could educate each other, as well as train men to present material before a group of people; thereby instilling confidence in ourselves.

A short discussion was held in regards to having the Annual Meeting in conjunction with the Clinic. The Committee agreed that this might be a good idea, and they will recommend it to the Board.

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## NEWS FROM THE NATIONAL

In a letter dated June 7th, 1961 from the National Headquarters, we received information about Nominations for Officers to be elected at our annual meeting in Miami Beach, Florida. The following men were appointed on the Committee. Ward Cornwell, of the Detroit area; Chairman, Robert Williams from the Midwest Chapter and Paul E. Weiss from Pennsylvania, Norman C. Johnson representing Florida, and William Beresford of California. Nominations will be open for the following Association offices:

President	One Year Term
Vice President	One Year Term
Three Directors	Two Year Term

Current officers and Directors whose terms expire December 31, 1961, include:

President — L. E. Lambert  
Vice President — Sherwood A. Moore  
Directors — L. W. Dubose (Texas); Walter F. Wagner (Ohio); Roy W. Nelson (Illinois)

Past President Thomas will retire as ex-officio member of the Board.

Our Chapter should take strong interest in the affairs of G.C.S.A.A. and in the annual election. We should comb our Membership thoroughly for capable leaders who are willing to lend their time and talents to the Executive Committee in projecting the future growth of our profession and our Association.

When we consider a nominee, we should give careful regard to the following qualifications.

1. Class A or B membership in G.C.S.A.A.
2. Leadership in Chapter affairs
3. Strong loyalty for G.C.S.A.A.
4. Ability to think clearly and progressively
5. Diplomacy and tact
6. Good stature and professional bearing.

All candidates nominated by the Chapters will be given fair and equal consideration by the Nominating Committee, if received on time. Names of all nominees must be in the hands of the Nominating Committee by October 1st, 1961. This leaves us with almost four months for the Chapter to discuss this very important matter, and to select and submit the nominees of our choice.

## NEXT MONTH:

"Job Analysis Can Cut Waste Out of Maintenance" by Robert M. Williams.

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## NEWS FROM THE LOCAL

The Ken Lapp's, Fresh Meadows Golf Club had a boy, Jeffery Allen Lapp on May 8th. Jeff weighed 8 lbs. 12 ounces. The proud Grandpa is Amos Lapp, St Andrews Golf Club.

Charlie Martin is the new Superintendent at Calumet Country Club. Charlie was Warren Bidwell's Assistant in New Jersey and was with Warren at Olympia Fields Country Club for about a year before taking the job at Calumet Country Club.

Paul Voykin, formerly with Calumet Country Club, has moved to the Briarwood Country Club.

The Biltmore Country Club is the site for a charity event between Sam Sneed and Jimmy Demarett on July 8th. Tickets are \$5.00 in advance, \$7.00 at the gate, and the proceeds will be given to the Chicago Maternity Center. John Ebel is the Superintendent at the Biltmore Country Club.

The Annual P.G.A. Tournament will be held July 24th through the 30th at the Olympia Fields Country Club, Warren Bidwell, Superintendent. There will be

There will be a Pro Amateur event at Onwentsia Club on July 31st. Emil Mashie is Superintendent. Entry fees are \$500.00 This is also a charity event for the Children's Memorial Hospital. The fifty top money winning professionals will be in this tournament.

The winners at our last meeting were Bill Saielli, Peter Voykin and H. Michels all were tied for low Gross — 76.

In the Blind Bogey, the winners were: Russ Reed, Wally Peiper, Ben Kronn, Alby Staudt and Paul Voykin. John Ebel was also a winner, as was H. Michaels, Ed Stewart, John Coghill, Peter Voykin, Joe Canale and Dudley Smith.

Our Speaker at the last meeting was Ben Chlevin, Assistant Publisher of Golfdom Magazine. His subject was "Superintendents' are Human". His talk was well presented and well received. He made most of us aware of the fact that with a little effort on our part, we would improve ourselves to the point where we would receive recognition for what we are as well as for what we do.

Dr. Mike Britton will be our Guest Speaker at Bonnie Dundee July 10th. He will discuss our Pathological problems in turf this year. Frank Dinelli will conduct his Question Box immediately after Dr. Britton's talk. We hope you plan to attend this meeting.

Membership in the Midwest Association of Golf Course Superintendents is divided into the following classes:

CLASS	MEMBERS
AA	2
A	107
B	16
C	0
D	18
E	35
	<hr/>
	178
	16 Honoraries
	5 Complimentary Class A
	<hr/>
	199

We need one more member to make it an even 200.

## QUIZ YOURSELF

1. What three elements make up a complete fertilizer?
2. What is meant by a 10-6-4 analysis?
3. How many lbs. of Potash in a ton of 5-10-5? In a ton of 15-5-10?
4. Approximately how many gallons in an acre inch of water? (this means to cover an acre 1 in. deep)
5. Which holds more water - a 5 gallon can, or a cubic foot?
6. What does pH stand for?
7. How many seeds in a pound of bentgrass?  
(a) 2 million (b) 4 million (d) 8 million.
8. What year was our National Association founded?
9. What colored stakes are used to designate Out-of-Bounds?
10. May a player lift his ball from a rut caused by equipment without penalty?
11. How far behind the tee markers is a player allowed to tee up his ball?

Answers on following page.

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## DEFINITION OF pH

Alkalinity and acidity of water and soil are frequently expressed in terms of their pH, which is a symbol for hydrogen ion concentration. A pH test determines the strength of the acid or alkali, while chemical tests for acidity and alkalinity determine the amounts of the acid or alkali present. An ion is an atom or group of atoms that carries an electric charge. Solutions ionize, i.e. split up into the electrically charged ions. Acidity is caused by positively charged hydrogen or H<sup>+</sup> ions, and alkalinity by negatively charged hydroxyl or OH<sup>-</sup> ions. A soil containing alkaline material will have many OH<sup>-</sup> ions, while a soil containing acid will have many H<sup>+</sup> ions. In neutral solutions the H<sup>+</sup> ions and the OH<sup>-</sup> ions unite to form H<sub>2</sub>O, or water. Pure water itself, however, dissociates to a slight extent, measurement of the electrical potential exerted by the positively charged ions indicates that there is 0.000,000, 1 gram of H<sup>+</sup> ions per liter. This is an awkward number to use, however, and the logarithm of its reciprocal, which is 7, is used to express neutrality. In any solution, as the negative ions increase, the positive ions must necessarily decrease, and accordingly measurement of the H<sup>+</sup> ions remaining will indicate alkalinity until the solution contains one gram of OH<sup>-</sup> ions per liter when the logarithm of the reciprocal of the H<sup>+</sup> concentration is 14. On the acid side of neutrality the logarithm of the reciprocal of the H<sup>+</sup> concentration decreases until it reaches 1.

The following table will help to make the above clearer.

pH values	Grams of hydrogen ions (H <sup>+</sup> ) per liter of solution	Gram equivalents of hydroxyl ions (OH <sup>-</sup> ) per liter of solution
4.0	0.000,1	0.000,000,000,1
5.0	0.000,01	0.000,000,001
6.0	0.000,001	0.000,000,01
7.0	0.000,000,1	0.000,000,1
8.0	0.000,000,01	0.000,001
9.0	0.000,000,001	0.000,01
10.0	0.000,000,000,1	0.000,1

## ANSWERS TO "QUIZ YOURSELF"

1. A. Nitrogen - Phosphoric Acid - Potassium.
2. 10% Nitrogen - 6% Phosphoric Acid - 4% Potash.
3. 100 pounds, 200 pounds.
4. 27,000 gallons to cover an acre one inch deep.
5. One cubic foot holds 7½ gallons.
6. Potential of Hydrogen ion concentration.
7. 8 million seeds.
8. 1926.
9. White stakes.
10. No.
11. Two club lengths.

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1. Littering with soft drink bottles, glasses and paper cups;
2. Climbing out of bunkers from the high side;
3. Failure to replace divots;
4. Failure to repair ball marks;
5. Turf scuffing caused by dragging feet and twisting on the green;
6. Leaning on a putter while standing on the green;
7. Using a putter to scoop the ball out of a hole;
8. Jabbing the putting surface with a flagstick or carelessly replacing the pin;
9. Deliberately hacking up the green;
10. Careless use of golf cars.



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