

SEPTEMBER, 1964

VOL. 18, NO. 3



The Bull Sheet

Official Bulletin

Midwest Association of Golf Course Superintendents



Charley Shiley

**SEPTEMBER MEETING
NORTH HILLS COUNTRY CLUB
MENOMONEE FALLS, WISC.
SEPTEMBER 14, 1964**

**JOINT MEETING
WITH WISCONSIN
GOLF — DINNER**

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

TED WOHRLE, Editor,
8700 So. Western Avenue
Chicago 20, Illinois

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The President's Message

About The Unusual:

"She Is A Very Unusual Person." This casual, yet very positive, remark that I happened to overhear the other day between two people who were strangers to me, has given cause for some reflection on The Unusual.

The very word, Unusual, has a multitude of applications. To the individual, situations involving people or events, geographic locations or varied handiworks of Nature, the term can have profound meaning. Many times the word is used in a manner of personal interpretation which will not find general acceptance with others.

If this person being discussed was considered more ambitious than others or if Beethoven's 5th Symphony has a particularly melodious passage not found in his other works; if Nature deals us a set of circumstances below or above that which we consider Normal — the expected, we are prone to pin on the title of Unusual.

During the passing of Geologic Time, amounting to one hundred million years or more, man has been in the process of Evolution during the last one million years of this inconceivable span of time. Today his civilization is complex. He has, by sound reasoning and by law, set up certain standards to serve as guide posts in dealing with the moral behavior of his race, the quality of his material goods and the very atmosphere which surrounds his planet earth is looked upon as being normal when certain temperatures or amounts have been reached. Anything above or below this level is a departure and often referred to as being unusually hot, wet, etc.

The important thing about The Unusual has been the constant challenge offered to man in his attempt to face up to the responsibilities found in dealing with life's problems, many of them in the Unusual category. That he has successfully risen to the occasion like a knight in shining armor is not always the story. There are just as many recorded history pages and tenfold as many stories not recorded where success in dealing with The Unusual is not to be

found. The resolute approach with which man has spearheaded his efforts to overcome great odds, personal shortcomings, or psychological disadvantages is often more interesting and important than the mainstream of events or the ultimate outcome. It is this supreme attempt to climb up and beyond his station that has motivated man to greater achievements in improving his mental capacity and to make life more to his liking during his short stay in the passing of time.

As Golf Course Superintendents, we are keenly aware of the Challenge of The Unusual. Our Evolution from the days of cow pasture golf in the early twenties to the present day of refined, well manicured clubs has been no accident. Nor can we claim all the credit. Applied research and our own resolute approach on how best to do a more effective and economic job has spearheaded the drive to produce better playing conditions for the ever increasing numbers of golfers who are a part of the overall revolution in the field of recreation.

As a member of a group of professional men, I sometimes wonder if we are actually justified in making such prolific use of the 'crying towel' when Nature deals out a good, stiff case of The Unusual? Lest we expose the Un-Professional side of our role as Superintendent of Grounds, perhaps we should take a more positive view of our own role in dealing with The Unusual.

Warren Bidwell, President

AUGUST MEETING

Our last meeting of the Midwest Association of Golf Course Superintendents was held at the beautiful Olympia Fields Country Club on Monday, August 3, 1964. President Warren Bidwell was our host. It was a hot sticky day with the temperature well above 90 degrees but this didn't stop the golfers. Later in the afternoon a heavy thunderstorm hit the area bringing over an inch of rain.

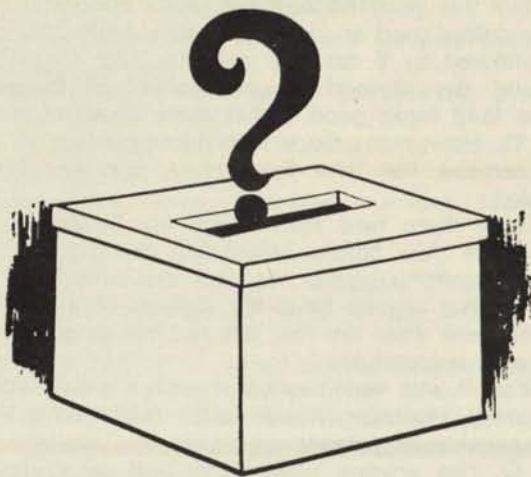
The highlight of the hospitality hour was the Shrimp Bowl, compliments of Kahn Bros. The refreshments on the course were given by the H & E Sod Nursery. Thanks to both these fine organizations.

Manager Jimmy DiSantos served us a very delicious meal and the service throughout the entire day was outstanding. He certainly is to be congratulated. From what the golfers said about the course, Warren has the finest fairways in the Chicago Area. He too is to be congratulated, for anyone that could have beautiful fairways after this summer, must be super human.

After Dinner we were treated to one of the outstanding educational programs of the season. The Educational Committee presented their famous Question Box with John Ebel as Moderator. The results of the session are found elsewhere in the Bulletin.

Next, Golf prizes were awarded by Chairman Ken Lapp. He reported that 57 members played golf. Pete Voykin had Low Gross with a 73. Winners of the Peoria System Tournament were:

Alby Staudt, Paul Voykin, Roy Nelson, Chuck Daugherty, Jim Arendt and Jerry Dearie. Other winners were Ed Wollenberg, Mike Coyne, Wally Pieper, Jim Perrachi, Don Theesfield and Bill Kraft.



QUESTIONS AND ANSWERS

At the last monthly meeting the Educational Committee presented us with one of our more popular programs. They appointed John Ebel as moderator of a "Question Box" panel, consisting of the following members: Bob Williams, Roy Nelson, Dr. Klomparens, Ed Wollenberg and the absent Joe Dinelli. Here are some of the questions and the answers given:

1. Q. Will the amount of Lead-Build-Up in the soil affect the efficiency of Zineb?

A. Very unlikely.

2. Q. What information is available on PennCross Blight?

A. In the Omaha, Nebr. area Leaf Blight seems worse on PennCross. It has a purple cast as its initial symptom. Don't water it or you may aggravate it. It seems to be moving across the Mississippi. We can expect it in our area soon. Start a preventative program early and avoid any man made damage during times of natural stress.

3. Q. Any advantages of Acti-Dione Ferrated over Acti-Dione RZ?

A. Acti-Dione RZ seems superior for Pythium Control. Basically it depends on what you are trying to control. Also the per pound cost is greater for the RZ but it goes much farther so the price for an application is about the same.

4. Q. What will kill Duck Weed?

A. Keep the water moving will help. Aquathol Plus and Sodium Arsenite are good controls. You must be careful with Sodium Arsenite if you use the water for irrigation.

5. Q. If the temperatures are in the 90 degree range, how heavy can you apply Hydrated Lime?

A. Some have used it on tees and greens as high as 2½ lbs. per 1000 sq. ft. with some burning where overlapping occurred. The standard recommendation is around ½ - 1 pound per 100 sq. ft. on greens and tees. You probably could go to two lbs. on fairways without much trouble. We must remember that Hydrated Lime is not a Fungicide. Always keep in mind where you are in your fertilizer program. Lime and fertilizer applied too close to each other is dangerous. It is used primarily to dry out the surface moisture and change the media in which Pythium thrives.

6. Q. Does the pH have any bearing on Pythium activity and does 7.5 cause more than say 6.5?

A. If you can change the Micro-environment and

its pH either up or down you should be able to slow up the spread of Pythium until a Fungicide can be applied or the weather changes. Most diseases thrive on acid conditions. A high pH should be desirable to help control Pythium.

7. Q. When are we going to learn how to control **Poa annua**?

A. Do we want to? This year we will be happy to have it come back.

8. Q. What disease causes leaves to roll up and give a grayish cast? It looks like a white leaf blight.

A. This evidently is a new disease and needs to be identified. Some person in the audience offered this information: it looks like damage from a dull mower. The tips appear white.

9. Q. Who says that our problem is Pythium? Who identified it?

A. Pythium in the active stage is hard to identify under the microscope but its symptoms are easy to diagnose when you see the cottony mycelium.

10. Q. Why aren't we doing more with Zoysia for tees?

A. It hasn't survived too well during certain years. The public has been sold a bill-of-goods.

11. Q. Should our fertilizer programs be reevaluated after this year? In regards to organic vs. inorganic.

A. Our whole maintenance procedures should be evaluated by an outsider—hired by the Association. Maybe there is an answer to what might have caused some of our problems. There are so many pieces to this puzzle that need to be placed together by someone that will not be prejudiced by our theories. (This is where the original idea of our special meeting on August 21 was born.)

12. Q. Is there any harmless chemical that can be sprayed on turf that will lower the temperature for several hours?

A. Nothing except possibly ice.

A note here might be of some interest. Purdue is doing some work on heating coils under turf for the athletic fields. Perhaps these same coils could be used for cooling. Just a thought.

13. Q. Why wasn't the Bent in the roughs attacked by Pythium?

A. Possibly the height of cut was responsible or the watering and fertilizer practices for that area. Generally it was felt that Bent, both in the fairways as well as in the rough, wasn't hit too bad by Pythium. It was mostly **Poa annua**.

14. Q. Why is there so much clover this year?

A. There shouldn't be, with the advent of Banvil-D and like chemicals.

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15. Q. Are fully automatic irrigation systems fool proof?

A. No. All factors must be just right before it will work. There are two kinds of fully automatic systems; Hydraulic and electric activating. The electric type requires about 100 miles of wire for the average 18-hole golf course. The water must be absolutely clean. Plastic or transite is best or a lined cast iron. Surge pressures or water hammer are important in the success of these systems. A fully automatic system is costly. Perhaps too expensive to justify, for the short time each year that we use our systems in the North.

16. Q. What has been the spray program on fairways here at Olympia Fields?

A. Three applications of PMA at one quart per acre mixed with iron at the rate of two lbs. per acre. Two applications of Cadminate at the rate of one lb. per acre.

17. Q. Why doesn't each club have its own private agriculture station and microscope for easy and quick identification of disease?

A. Too expensive. Most Superintendents wouldn't recognize what they were looking at anyway. The University of Illinois is offering, for sale, a series of slides that were taken through microscopes that can be used to identify various diseases. They also have slides of diseases as you see them with your naked eye. These may be helpful.

18. Q. Can I mix 2, 4-D; 2, 4, 5-T and PMA in the same tank for spraying fairways?

A. It wouldn't be worth the gamble.

19. Q. Has Zineb been found to be a good control for Helminthosporium, Melting Out, Fading Out and Pythium?

A. Not this year. At least not under abnormal conditions unless used at very high rates. Eight ozs. one day followed by 8 ozs. the next day and 4 ozs. the following day seemed to give control of diseases. Dithane M45 looks good. It has some Zineb in it.

20. Q. How many Superintendents present in the room remove the dew from their fairways every morning?

A. Only three held their hands up. Several more remove the dew before scheduled mowing. — You might try wetting agents for dew prevention.

21. Q. Has anyone hired the services of a weather man this year after the fine talk last fall at our clinic, and was it successful?

A. Yes. It was very successful with a great degree of accuracy. However, it was felt it might be a little too expensive at present.

22. Q. Has anyone used Stoma-Seal or a similar product and with what results?

A. Some results have been obtained in controlling wilt on tees and greens. No results were reported on fairways.

23. Q. Should we topdress greens during severe weather such as we experienced this year?

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COMING EVENTS

October meeting — Briarwood Country Club (Annual Fall Tournament)

Annual Fall Dinner Dance — October 10, 1964, Riverside Country Club.

PURDUE FIELD DAY — Monday and Tuesday September 14 and 15, 1964

University of Illinois Field Day — Friday, September 18, 1964

The day is planned as follows:

10:00 A.M. — After a short summary of work being carried on and to be seen, a tour will be made of various plots.

12:00 - 1:30 P.M. — Lunch will be on your own.

1:30 P.M. — Resume tour of plots. After the tour a staff member will be stationed at each plot to answer any questions and explain in more detail work being carried on.

This will be a full day. You are urged to be at the Turf Plots by 9:30 A.M. so that the first session may start promptly at 10:00 A.M.

SPECIAL NOTICE

Club Managers and Superintendents joint meeting — Monday, Sept. 21, 1964 at the Midlothian Country Club. This will be our third meeting with this organization. If this one turns out as good as the other two, you won't want to miss it.

Play golf with your Manager and then enjoy the evening in their new Clubhouse. Ed Duehr will be the host Superintendent.

AN INVITATION

John Coghill, of the Silver Lake Country Club has extended an invitation to the Midwest Association of Golf Course Superintendents to attend the meeting of the Michiana Golf Course Superintendents Association which will be held on Monday, September 21, 1964 at his Club. They are holding their meeting at Silver Lake with the intent of seeing the new Penn-Cross greens on the Rolling Hills Course. You may remember this course as the new nine hole short course that was opened last year. Ray Didier built the greens and they are quite impressive. Come and play golf and stay for Dinner. This is a great bunch of guys that you would enjoy meeting.

FALL DINNER DANCE — Saturday, October 10, 1964 — Riverside Country Club. Plan now to attend. Good Food — Good Dance Music — Door Prizes.



**SAY YOU SAW
IT IN THE
"BULL SHEET"**

MANAGING YOUR TIME

by R. Verhaalen

Ozaukee Country Club, Wisconsin

Managing your time wisely, is part of every golf course superintendent's job, regardless of what type of golf course he is supervising. Our common goal is to learn new and better methods of operating our courses efficiently and economically. Budgeting your employee's time wisely can accomplish several extra hours of maintenance per week. Wasted time, traveling back and forth to the shop, can be eliminated by combining two jobs, such as mowing greens and raking sand traps, at the same time. Another illustration of this is mowing tees and aprons together. New, modern equipment saves hours of valuable time. Some examples of this are our new fairway mower, new types of fertilizer machines, utility carts, and mechanical trash cleaners. Good equipment repair is essential to a well organized golf course. A golf course superintendent must plan a work schedule. Last minute jobs, or failure to plan your work can be a costly proposition. Analyzing your golf course problems, to eliminate costly maintenance is a time saver. The golf course superintendent must continue to find ways to improve himself and his golf course through education and sharing ideas. We must educate our club officials, and our membership so we can continue to move ahead, and make future improvements.

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RECORD KEEPING

by Charles Shiley
Supt., North Hill Country Club

Every phase of golf course turf management can be improved and better understood by club management by using a record system to reflect a true picture of the operation. Each year golf course management becomes a more complex job because of a tighter labor market, higher costs, and other factors. This job can be done most efficiently when one's judgment is backed by complete records.

Added responsibilities and knowledge required of the golf course superintendent in today's fast moving world make it necessary to keep not only concise but accurate records. The kinds of materials applied and their rate of application are important in record keeping. Rainfall and weather extremes like the date of the first snow or first freeze are important if you plan some fall construction work or want to know when to drain the water system. Record the date when you first cut greens, tees, and fairways; the first play after the spring thaw, when carts were first used in the spring, and when you started to water. If you have these records for a number of years you can easily predict when play will start, and when your equipment must be ready to use. Work plans can be made according to past records.

Budget operation cannot be made satisfactorily without having knowledge of the cost and amount of supplies used in the past. The bookkeeping system at most country clubs groups together many items. It is impossible to tell from their records how much was spent for individual items such as fertilizer, fungicide, sand, dirt or many of the other items that we use. In making a budget request it is necessary to know these costs and they should be listed separately in a budget. As I approve invoices for payment and mark the account or accounts to which they should be charged, I list them on a sheet of my own (which is broken down much more completely than the one that the club uses. When I make out the annual budget I have these figures in my own file. I can quickly compute my next year's requirements and present an understandable budget.

While most records are written reports, additional records can be kept in pictures because photography is a form of record keeping. Pictures are valuable in recording the condition of your course. Pictures taken before and after any construction work provides a permanent record of ground improvements or other changes. Damage to the course, either from storm or vandalism, can be recorded on film and studied for ways to reduce or prevent future damage as well as serve as permanent records of the extent of damage. Pictures of flower beds can be used for future planting plans. There are many other ways of keeping records on film.

Some reports and records are very clear and there is little room for doubt or misinterpretation of their meaning, others are very confusing. When going over reports or records be sure that you have interpreted their meaning correctly.

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—Modern Medicine.

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TOXICOLOGY

The 18-Hole Itch

The 51-year-old automobile-repair instructor had a flaming eczema-like eruption on his hand and arms, neck, face and legs. He told the University of Pennsylvania's Dermatologist Walter B. Shelley that he had first had it in 1959, soon after he took up golf. For the next two years it got bad in summer, better in winter. But after the 1962 season began, it stayed bad. He had noticed, the patient said, that it became "explosively worse" after he walked past workers spraying the greens. That was the doctor's clue.

The patient was given a cortisone-type drug and kept off the golf course. Within a week, he was much better. Then Dr. Shelley checked the spray used on the greens. It was a fungicide, and its active ingredient was thiram, a notorious cause of allergies. Since thiram is still used in processing rubber, Dr. Shelley notes in this week's *A.M.A. Journal*, the thiram-sensitive individual must avoid such varied rubber products as art-gum, erasers, bunion pads, eyelash curlers, condoms, gloves, goggles, dress shields, dental dams, bathing caps, headrests, garters, pessaries, elasticized garments, and mammary protheses." And now, golf courses.

Dr. Shelley has added an extra hazard to the known perils of the 19th hole. Thiram is close chemical kin to disulfiram (Antabuse), which make people sick when they drink. A golfer sensitized on the greens may have a serious reaction at the bar.

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All parents listen to, must hear,
The same phrase year after year,
Which at first is hard to resist:
"But mother, dad, you promised!"
Until they learn, little by little,
With children to be noncommittal,
By answering questions, elusively—
Like, "Hummm, well maybe, We'll see."
—Colleen Stanley Barr.

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The whole staff of salesmen was daunted;
Computers seemed likely to crash:
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And tried to pay promptly with cash!
—Jane Herald.

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To read by electricity.
—Suzanne Douglass.

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