

Vol. 5, No. 11.  
May 1952



# The Bull Sheet

*Official Bulletin*

*Midwest Association of Golf Course Superintendents*

*Our 26th Year*



WALTER HOYT  
Supt. Timber Trails Country  
Club, La Grange, Illinois

THE MAY MEETING  
MONDAY, MAY 5, 1952  
TIMBER TRAILS COUNTRY CLUB  
LA GRANGE, ILLINOIS

DINNER 6:30 P. M.  
BUSINESS MEETING  
EDUCATIONAL MEETING

**DR. DANIEL WILL BE OUR GUEST SPEAKER**

**PLEASE PLAN TO ATTEND. IT WILL BE  
A MOST INTERESTING MEETING**



THE BULL SHEET, monthly publication of the Midwest Association of Golf Course Superintendents. Editor, William H. Stupple  
543 Michigan Ave., Highland Park, Illinois.  
Associate Editors; Bert Rost, Al Johnson.  
Vol. 5, No. 11.  
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### THE PRESIDENTS MESSAGE

With the May meeting, we begin our outdoor, or golf meetings.

In recent years it has been the policy of the Association to encourage golf at our spring, summer and fall meetings. It is very gratifying to note that during this time there has not only been a greater interest in playing the game, but our attendance at these meetings has steadily increased. Your officers are constantly striving to make the meetings as interesting as possible by a selection of the best meeting places and courses each month as well as a good educational program.

Many superintendents feel that they are too busy to get away from their jobs once or twice a month to attend Association meetings. Of course it is important to be "on the job", but it is also very important to get out and see what the other fellow is doing. There is no doubt about it but that the best informed Superintendents today are those who "get around".

The programs presented at our recent meetings by the Educational Committee, headed by Al Johnson, have been enthusiastically received by those who attended and it is agreed that they have been tops. The committee plans to continue the same sort of programs thru the summer months and hopes for the full cooperation of the members.

The Tournament Committee, headed by Herman Woehrle, is planning an event at each of our outdoor meetings and is looking forward to some great tournaments. See you at Timber Trails.

Ray Davis, President.

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### DR. DANIEL TO VISIT CHICAGO AREA

Dr. William H. Daniel of Purdue University and the Midwest Regional Turf Foundation will visit the Chicago area beginning on Sunday, May 4 and will be with us thru Monday and possibly Tuesday. Dr. Daniel will be escorted by a committee of Midwest members and on Sunday will visit courses on the South and Southwest sides. On Monday Dr. Daniel will visit the West and North sides and will attend our meeting at Timber Trails on that day. If possible, he will extend his visit over Tuesday. Dr. Daniel will give a talk at our meeting, and we are sure that it will be very interesting and instructive.

Dr. Daniel is especially interested at this time in observing results of work on clover and chickweed control done last fall.

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### EDUCATIONAL PROGRAM FOR MAY MEETING

We hope to have with us at the meeting Dr. William H. Daniel of Purdue University and the Midwest Regional Turf Foundation. Dr. Daniel would like to visit some of the courses in this district which he was unable to see on his previous visits. We will be looking forward to his visit, for they are always interesting and beneficial to us.

We also expect to have a discussion of golf course maintenance practice survey being made up by a committee consisting of Bob Williams, Ray Gerber and Don Strand. If time is available there will also be a question box.

You cannot afford to miss this meeting. Also, don't forget to get out your golf clubs.

### ALFRED BULLER

Alfred Buller, who was one of the early members of our Association, passed away March 16, 1952 in Lakeside, Michigan at the age of 86. Mr. Buller was born June 11, 1865 in Stratford-on-Avon, England. He was greenkeeper at the Chikaming Country Club for 30 years and rarely missed a meeting of our Association, travelling many miles to attend, during the years he was active in the Association. Mr. Buller retired from Greenkeeping in 1940 but will, no doubt be remembered by many of our older members.

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### THE APRIL 7 MEETING

Frank Dinelli of Northmoor Country Club gave a very interesting discussion of equipment and use of a drain tile cleaner which he has. Tile that has had to be dug up every spring at great expense to clean out tree roots is now being cleaned with this new tool. Frank thinks the cleaning job will last two or three years now where roots have been clogging tile. He also discussed the need of putting cinders under tile as well as on the side and top, because roots usually penetrate from the sides or bottom.

Second half of the educational program was very well taken care of by Bob Williams of Beverly. Bob's discussion was on some of the fine points of the University of Rhode Island Bulletin 308, on "Turf Diseases." Bob's blackboard demonstration of how fungus disease works was very interesting.

Some of the points brought out in his discussion was the future use of Polycross bent varieties to counteract disease; the weather being the most important factor in turf disease; the use of instruments to determine soil moisture; the common error of cutting grass immediately after fungicide has been applied; the use of dirty water in making fungicide ineffective; the temperature range and moisture condition of the growth of each disease; the fact that fungicide had to penetrate to soil level for preventative treatment.

The meeting was well attended and the enthusiasm shown for the program calls for more of the same after the summer meetings of golf.

Al. Johnson, Ch. Educational Comm.

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### WALTER HOYT, OUR HOST FOR MAY MEETING

Walter Hoyt is Superintendent of Timber Trails Golf Club located on Plainfield Road, 1/4 mile west of Wolf Road, 2 miles south of Western Springs, Ill. Walter has been Superintendent there since the course was built 22 years ago. He is married and the father of three sons. He is captain of the Pleasant View Fire Department and reports are that Walter is one hell of a good man to have around if a fire breaks out.

Timber Trails was built by Fred K. Vial and is now owned and operated by his son Harold and son-in-law Rollin Brooks who will be with us for our May meeting.

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### COMING EVENTS

May 5, Regular Meeting, Timber Trails C. C.  
June 2, Regular Meeting, Ridgemoor C. C.  
July 7, Regular Meeting, Chesterfield C. C.  
July 28, (Tentative) Pro-Supt. Tournament.  
August 4, Regular Meeting & Picnic, Kankakee, Ill.  
September 15, Joint Meeting with Wisconsin Greenkeepers Association, Brown's Lake Golf Club, Burlington, Wisconsin.



## REPORT ON MALEIC HYDRAZIDE

A chemical, known as maleic hy-drazide, which slows the growth of grass and may slash millions of dollars annually from the cost of mowing the road-sides and center islands of local, state and national highways, was reported before the 37th annual meeting of the Association of State Highway Officials.

The unique property of the chemical was revealed by one of its developers, Dr. John W. Zukel, a scientist with the Naugatuck Chemical division, United States Rubber Company, in a report before the Associ-ation's committee on roadside development.

For the past year, Dr. Zukel, in cooperation with the Connecticut State Highway Department, has been conducting a series of experiments along the Wilbur Cross and Merritt Parkways to determine the effect-iveness of the Chemical for retarding the growth of grass along landscaped areas of the highways.

The objective of the experiments was to reduce the number of mechanical and hand mowings needed to keep the landscaped areas in proper trim.

A total of 55 different plots comprising 74 acres were sprayed with maleic hydrazide between August 1950 and October 1951, Dr. Zukel reported.

Most promising results were obtained on 12 one-acre plots in the center islands which were sprayed once with the chemical at the rate of 2 pounds per acre last May 2 and 3. Maleic hydrazide slowed down the growth of lawn grasses in these test strips to a point where only two mowings were needed throughout the spring and summer. Adjacent untreated sections had to be mowed 19 times throughout the season, Dr. Zukel said.

The cost of maleic hydrazide to spray the center island test plots was approximately \$10 per acre. Based on the total labor and equipment costs for mow-ing the adjacent untreated sections, maleic hydrazide saved approximately \$70 per acre for the season. The grass in the sprayed plots was equal in appearance to the mowed sections throughout the season, he said.

Tests also found that maleic hydrazide could be formulated with 2, 4-D weed-killer so that one spray would not only slow the growth of desired grasses but would kill off objectionable weeds such as wild carrot and plantain as well, he reported.

"Although it is still too early to draw any over-all conclusions, the results of this year's experiments have been highly gratifying," Dr. Zukel said. "We hope that our experiments will be extended to other states throughout the nation this year"

Dr. Zukel summarized the experiments as follows:

1. Maleic hydrazide should be applied at the rate of 2 lbs. per acre in the spring along center is-lands and 4 lbs. per acre along guard rails and road-sides.

2. Most pronounced response at a minimum dosage resulted when applications were made at start of the growing season in early May.

3. If weeds such as plantain and wild carrot are present, dosages of 2, 4-D weed-killer should be included with the maleic hydrazide spray.

4. Since the effects of retreatment have not been fully evaluated, maleic hydrazide should not be applied more than once during the same growing season.

5. Application of maleic hydrazide to grass which has not been cut is preferred in order to give a large absorption area of green foliage. One week should be allowed for the chemical to be absorbed and translocated to the roots of the plant before grass is mowed.

6. The center island of a highway should be sprayed with a 10-nozzle boom delivering 50 lbs. pressure and 40 gallons of spray per acre.

7. Roadside and guard rail areas should be sprayed with a single nozzle delivering a fan spray operating at 50 to 200 pounds pressure at 50 gallons per acre.

8. Factors which should be more fully evaluated are the effect of dosage on winter survival of various grasses, effect of retreatment during the same season and in successive seasons, optimum dosages, and the time of year for best effect on various species of grasses.

Editor's Note: Until more is learned about the chemical, it is advised that it not be used on fine turf on lawns, fairways, tees or greens.



## WISCONSIN NEWS

On Monday April 14, Frank Dinelli, Bill Saielli and Bill Stuppel made their annual spring pilgrimag· to Wisconsin to attend the April meeting of the Wis-consin Greenkeepers Association. The meeting was held at the Heidelberg Gardens in Milwaukee.

At the business meeting the officers for 1952 were elected. Results were as follows.

President.— Howard Gabbey, Johnson Park Golf Course, Racine, Wisconsin.

Vice-President.— Del Stollenwerk, Washington Park Golf Course, Kenosha Wisconsin.

Secretary-Treasurer.— Bob Howe, Milwaukee, Wisconsin.

Director.— Frank Bradt, Hartford Golf Course, Hartford, Wisconsin.

The dinner that evening was by courtesy of Dick Ryerson of the R. L. Ryerson Co. of Milwaukee. It was a swell feed and was enjoyed by all, especially the hungry pilgrims from Illinois.

We renewed acquaintances with a number of the Wisconsin old timers including Oney Williams, Jack Taylor, Frank Kress, Irv Bertram, Les Veerhalen, Paul Jensen, Bob Howe and saw Charley Shiley who formerly was at Tam with Ray Didier. Charley is now located at a course in Milwaukee and from all reports is doing an outstanding job.

The Wisconsin boys always seem to have an ex-ceptionally good time and Frank Dinelli remarked "I never heard anybody laugh as much as these fellows in Wisconsin.



## NEW MEMBERS

We wish to welcome the following new members into the Association.

Paul Prentiss, Associate member, Middle West representative William A. Cleary Corp.

Ray Erickson, Associate member Green chairman, Itasca Country Club, Itasca, Ill.

Lem Conn, Associate member, Representative Du-pont Corp.

Roland H. Bolte, Regular member, Superinten-dent Sportsman's C. C., Northbrook, Illinois.

A. J. Dorband, Regular member, Superintendent Mission Hills C. C. Northbrook, Illinois.



The fertilizer industry advisory committee reports that nitrogen supplies are up 7 per cent, phosphates down 6 per cent and potash up 5 per cent.



The following report is a summary of the work done with NUGREEN last fall.

Material received on August 1st, 1951.

August 2nd.—Applied 5 lbs. (five pounds) in 100 gals. water through power spray. Temperature 85 degrees. No watering for 30 hrs. Putting green turf cut at 3 1/2 inch. Two small areas of bluegrass were flooded with the mixture to test for burning. Lasted until about August 25th.

August 7th.—A two inch rain fell on Aug. 6th and on the morning of the 7th the results of the fertilizing were quite obvious. Both color and growth were increased. The flooded areas did not burn but already showed in color and growth.

August 8th.—Applied 5 lbs. in 100 gals. water by sprayer on putting green of 5000 sq. ft. 75 degree temp. with no water in after. A noticeable change in color and growth by the 13th.

August 13th.—Applied 10 lbs. of Nugreen in 25 gals. of water to approximately 1/2 acre, with fairway boom. Rain followed within the hour. No damage from burning but very little if any results from the fertilizer. (a small flooded area did burn)

August 17th.—Applied 6 lbs. Nugreen in 120 gals. water with power sprayer to 5000 sq. ft. of a putting green in play. Temperature 75 degrees. Showed results in 5 days and was beautiful in 10 days. No damage by players walking on the fresh application with no watering in, 2 inches rain on August 20th.

August 23rd.—Treated 9 greens with a mixture of 15 lbs of Nugreen to 300 gals. water for each 3 greens. (45 lbs. of Nugreen for the 9 greens.) Showed after 6 days, depleted after 3 weeks.

August 23rd.—Treated a small area of putting green turf with rate of 5 lbs. of Nugreen to 100 gals. water plus 2 lbs. of sulphate of potash (60%) 75 degree temperature. No watering in. Singed quite heavy.

The proportion of 5 lbs. of Nugreen to 100 gals of water seemed to be very foolproof for application to 5000 sq. ft. of putting green turf without watering in. No doubt we can cut this quantity of water but we preferred the safe side until we become better acquainted with the material. Results seem to show after about 5 or 6 days, reached a peak about 10 to 12 days and was back to original state after about 21 days. Treatment every 2 weeks would seem to be a good program from the experience we have had. Perhaps with regular applications the quantity might be reduced slightly. The cost of this material per application per green would be about 37c. Some liquid fertilizers that are in use run as high as \$2.00 per treatment.

The greatest advantage of this material is the fact that we can apply it without watering it in and with no fear of burning. We save 50% on labor and even more on worry.

Robert M. Williams, Supt. Beverly C. C.  
Raymond Gerber, Supt. Glen Oak C. C.

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#### FLYNN FENCE MOVES TO NEW HOME

Tom Flynn announces that the FLYNN FENCE & SUPPLY CO., have moved into their new home at Washington Blvd. & Mannheim Road, Hillside, Ill. and all are cordially invited to visit him there and a hearty welcome awaits all.

—O—

The Wisconsin Greenkeepers Association at their April meeting decided to have the joint meeting with the Midwest Association of Golf Course Superintendents on Sept. 15 at Brown's Lake Golf Club, Burlington, Wisconsin. Al. Ebbers will be host Superintendent.

#### SPREADING IT THIN

Howard Baerwald, formerly of Kishwaukee C. C., is now a member of the Midwest and is with Don Strand at Westmoreland.

John Darrach is now doing custom trenching for tile lines, water lines and building foundations. John is also active in custom spray work.

Bill Krafft, popular superintendent of Fox Lake C. C., attended the ten week short course in Fine Turf Maintenance at Amherst, Mass. Bill attended the course with John Houdek of Arrowhead and Robt. Jehu of Silver Lake. All the boys are enthusiastic in their praise of the course and of Dr. Dickenson, who heads up this activity.

Mr. and Mrs. Eddie Wohlenberg of Navajo Fields Golf Club, spent the last week of February and the first week of March in Florida.

Stan Arendt of Inverness C. C. spent three weeks in Florida in February, visiting in Naples and Clearwater.

Mrs. Don Strand was in the St. Francis Hospital in Evanston during March for a minor operation. We are happy to report that Mrs. Strand is recovering nicely.

The Greenhouse at Urbana reports that the carnations growing in Krillium treated soil show from a 5 to 8 per cent increase in quality over those grown in the regular soil mixture. Thus far, roses have shown no apparent difference.

Dr. M. B. Linford of the Dept. of Horticulture of the University of Illinois is a nematode expert and would like to have samples of turf showing yellow tufts in greens.

Bob Duguid's son Robt. Jr., recalled by the air force and stationed at Bordeaux, France, is on the Air Force golf team and is playing every week end in France, Italy and Spain. He shoots consistently in the 70's. Bob Jr. hopes to go to Scotland soon to visit his grandmother there.

Mrs. Bob Williams and sons, Robt. Jr. and Bruce, left April 5 for a vacation in Seattle where she will visit her parents. Robt. Jr. has fully recovered from his recent operation.

A definite movement is reported by Frank Mastroleo to have the National Association establish a permanent meeting place in Florida and to hold the annual turf conference and show there. Frank hopes the National will acquire a golf course such as the P. G. A. has done at Dunedin, Florida. Frank also hopes to see established in sunny Florida, a National Home For Retired and Indigent Golf Course Superintendents. It is reported that a number of the Superintendents in the Chicago District are enthusiastic in backing Frank's ideas and are looking forward to the day when they can enjoy twelve months of summer weather instead of six summer and six winter which we enjoy (?) in this district.

Midwest president Ray Davis is now also president of the Medinah, Ill. P. T. A. and the first activity of the season is to hold a dance jointly with the P. T. A.'s of Roselle and Schaumburg districts at Medinah C. C., April 19. April is also Ray's birthday.

Ed Stewart of River Forest C. C. is changing the color scheme of benches, flag poles and ball washers on his new job to a combination of chartreuse and maroon. The new colors are plainly visible and quite attractive. Ed has moved into the house on the course and plans a tee rebuilding program this spring.

John Vaughn of Michigan State College at East Lansing, Mich. reports that Dr. Grigsby's chlordane and kerosene treatment for crab grass control gave complete kill of the crab grass.

THE MOLE



## WE HAD A WONDERFUL TIME

The evening of April 17 was beautiful and warm and it was a wonderful night for our Spring Dance at Benhardt's Hall at Roselle. The Superintendents have been working pretty hard these days and some of them were tired when they arrived at the dance, but it was amazing to see how much pep some of them had after they got going. Could it be that weariness is just a state of mind? After the dance, we enjoyed a delicious buffet supper and door prizes were distributed. Winners were: George Roloff, who for the second successive time won a dozen rose plants donated by Ernie Kruse of the Wheeling Nurseries. It looks like the Roloffs are going to have quite a rose garden. Other winners: Lou Pages, Mrs. Amos Lapp, Oscar Borgmeier, Mrs. Paul Burdett, Geo. Olson, Elmer Heine, Frank Smith, Mrs. Frank Dinelli, Frank Mastroleo, Mrs. Rose Blazek. Al Hintz, Amos Lapp, Mrs. Art Smith, W. Reynolds, Frank Smith, Mrs. Dom Grotti, Mrs. Bill Stuppel, Mrs. Art Toepke, Mrs. Ray Davis, Dom Grotti, Ben Gee, Bill Stuppel, Mrs. Al Johnson, Bert Rost, Mrs. Joe Reynolds, Bill Smith, Art Toepke, Paul Popp, Mrs. Bert Rost, Ray Erickson, Lem Conn.

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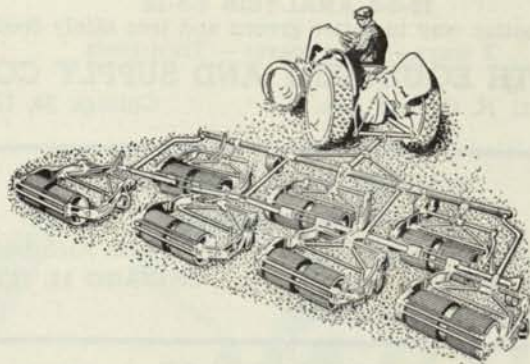
Mel Warnecke has been kept very busy this spring spreading 1240 yards of sand in the traps at Idlewild Country Club.

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## SPRING TURF REPORT

Turf this Spring, for the most part, looks good. There was considerable snow mold around the greens and, in some instances, severe attacks on greens and tees. There have been signs of desiccation of grass on some of the high spots on greens; that is a drying out of turf although there was ample moisture in the soil itself. This occurs mostly on matted bent where it has been found that the grass at this time of the year has little or no root system. These areas must be carefully watched and watered to keep the grass from drying completely before roots develop. However, as a whole, turf has developed an amazing root system this spring. The latter part of the winter was quite open and there was a great deal of alternate freezing and thawing which opened up the soil considerably. A number of the superintendents took advantage of this to sow into their fairways desirable grasses which they hoped to establish there. Seed that was put in early has germinated and grass is coming along in good shape.

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