



The Bull Sheet

Official Bulletin

Midwest Association of Golf Course Superintendents

Our 27th Year

THE APRIL MEETING

On April sixth our monthly meeting was held at Silver Lake Country Club with our gracious host. Several of the more nearby members of our club played golf but most of the boys were content to watch the equipment demonstration and partake in the discussion that followed.

The educational committee provided a very worthwhile meeting by having a demonstration of the Turf and the "Wear Point" and the "Wear Point" which the Geo. A. Davis Golf Equipment Co. had brought with them. The speaker said that the new "Wear Point" is better than it was before. "The amount of Spring and Fall cultivation of greens". With this type of treatment it looks like we have found another tool to our list of maintenance equipment. The speaker also mentioned the importance of having a good maintenance program and the importance of having a good maintenance program. After the regular business meeting, we were

Vol. 6, No. 11
May 1953



NORM KRAMER
Supt. Silver Lake

THE MAY MEETING SILVER LAKE COUNTRY CLUB MONDAY, MAY 18, 1953

"OPERATION ZOYSIA" — 1:00 P. M.

- GOLF
- DINNER 6:30 P. M.
- BUSINESS MEETING — 7:30 P. M.

JOHN COGHILL AND NORM KRAMER,
OUR HOSTS

WE ARE GOING TO PLANT 1/2 ACRE OF
FAIRWAY AT SILVER LAKE WITH
ZOYSIA SEEDLINGS.

COME PREPARED TO WORK.
GOLF TOURNAMENT WILL FOLLOW
THE PLANTING.

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

Editor, William H. Stuppel, 543 Michigan Ave. Highland Park, Ill. Associate Editors: Al Johnson, Bert Rost, Paul Burdett.

O—O

THE PRESIDENTS MESSAGE

Our May 18th meeting will be held at Silver Lake. Unlike many of our meetings this will be a work meeting. In January the Research Committee asked for and got the cooperation of the Drug Plant and Horticultural Station to plant and grow Zoysia seed sent us by The Greens Section of the USGA. The plants have grown and will be ready for planting out soon. May 18 is the date, Silver Lake the place, to plant Zoysia the job to be done. Please wear old clothes and come out and help. If we all do a little there will be plenty of time for golf after the planting session. 1 PM at Silver Lake.

Those of you who have not attended our meetings since Bob Williams took over the Chairmanship of the Educational Committee have missed some of our most active gatherings. These meetings are meant to help you with your daily active life and to provide, if possible, better methods of doing things. No one who has attended the last few meetings has gone away feeling his time to be wasted. We are proud of the job Bob is doing and want all our membership to come and get educated the easy way.

I believe that we still have one or two open dates where we do not have a club for a meeting place. If any of you can make your club available please see me at Silver Lake and see if the dates available will fit your club schedule.

Ray Davis, Pres.

O—O

PRESIDENT EISENHOWER ELECTED HONORARY MEMBER OF ASSOCIATION

At our meeting at Mission Hills on April 6, General Dwight Eisenhower, President of the United States, was elected an honorary member of our Association.

"In recognition of your great interest in the game of golf and in appreciation for your love of the game, we, the members of the Midwest Association of Golf Course Superintendents, elect you an honorary member of our Association."

As a member of the Association the President will get The Bull Sheet. We hope he finds time to read it.

O—O

COMING EVENTS

Roseman Field Day, Chesterfield C. C. May 4.

The May meeting, Silver Lake C. C. May 18.

The June meeting, Lake Shore C. C., Glencoe, Ill., June 1.

Special Golf Day, Bonnie Dundee, June 22.

The July meeting, White Pines Golf Club, July 6.

Annual picnic, July 27, Nels Johnson Estate, Libertyville, Ill.

M.R.T.F. Field Day, Purdue University, Aug. 3.

Pro-Supt. Tournament, Mission Hills C. C. Aug. 31.

Midwest-Wisconsin joint meeting, North Shore C. C., Glenview, Ill., Sept. 14.

The October Meeting and Fall Tournament, Tam O Shanter, C. C. Oct. 5.

THE APRIL MEETING

On April sixth our monthly meeting was held at Mission Hills Country Club with Al Dorband as our gracious host. Several of the more hardy members of our clan played golf but most of the boys were content to watch the equipment demonstration and partake in the discussions that followed.

The educational committee provided a very worthwhile meeting by having a demonstration of the Toro and Jacobsen green mowers and the West Point Aerifier and Verti-cut mower or "thatch remover" as we usually refer to the latter. Both the Geo. A. Davis Co. and The Chicago Fence and Equipment Co. cooperated with our association in order to bring us this fine feature. Everyone was impressed with the operation of the new "thatch remover". The usual comment was, "Just what we have needed", "It's about time", "The turf is better for putting after using this machine than it was before", "The answer to Spring and Fall renovation of greens". With that sort of comment it looks like we have added another tool to our list of modern equipment for turf maintenance.

At six PM we were treated to one of those fine Mission Hills steak dinners. Sixty men stayed for dinner and about twenty others had attended the demonstration and had left before dinner. In all we had a meeting attendance of approximately 80 members. As the educational chairman said later "Give the boys something as the timely educational feature and we will have better attendance at our meetings". No argument there.

After our regular business meeting, we were privileged to have our educational committee present Mr. Tom Mascaro of West Point Products as our guest speaker. Tom gave us a very fine kodachrome report on the history and practical application of aerification.

Our educational committee is aiming at an attendance mark of 100 before the season is over. Having hit 80 already at our last meeting they don't have too far to go to realize their aim. Let's make it a date to attend our local meetings as it looks like we have some real good programs set up for future meetings.

We wish to thank the Chicago Fence & Equipment Co., John MacGregor, Geo. A. Davis Co. and Tom Mascaro for their fine cooperation in making possible such a fine demonstration.

Bob Williams

Ch. Educational Committee

O—O

WISCONSIN GREENKEEPERS ASSOCIATION APRIL MEETING

Wisconsin had their April meeting on Thursday April, 16, at Old Heidelberg Gardens in Milwaukee. As has been his custom in recent years, Dick Ryerson, was the host for dinner. This was the first meeting since last fall and the boys had a great get together. There was a nice turnout and it was a swell meeting.

O—O

Dinelli and Saielli versus Grotti and Stuppel. That's the foursome that tees off at our monthly tournaments during the summer. Some unkind guy was heard to remark that as long as he is gonna associate with them, Stuppel ought to put an i on the end of his name also.

Word comes to us from our old friend Lawrence Huber, Supt. of the Ohio State Golf Course at Columbus, Ohio, that his new assistant Lewis Payson was a classmate of Bob Williams at Amherst.

OPERATION ZOYSIA

Since 1945, the Green Section, under Fred Grau's leadership, has made a concerted effort to further study the Zoysia grasses at Beltsville. There in the heart of the "crabgrass zone", the Zoysias were consistently making good turf cover even under conditions of indifferent management. Some strains performed better than others. Among these are the Meyer (Z-52) Zoysia strain and the Zoysia (Z-73) Japonica strain which is a seedling selection from the Meyer strain. The Z-73 strain is one which is a heavy seeder, the percentage of seed germination is high, and the seedling plants produced are extremely vigorous. While turf forming qualities produced by Z-73 seed appears to be outstanding at Beltsville and in a few other locations to date, more data is needed from many parts of the country. With this in mind, the USGA Green Section in cooperation with the Golf Course Superintendents of America jointly are sponsoring the project "Operation Zoysia" which will not only provide more information from the research standpoint, but it will also allow men in the practical field to work with Zoysia and to appraise its performance under their specific conditions. It will also provide that all important individual, the golfer, with the opportunity to test Zoysia turf and to appraise it from the player's standpoint. In effect, "Operation Zoysia" is a three way cooperative project between the research man, the practical man and the man who uses the turf. In the Mid-Atlantic region, the first cooperative "Operation Zoysia" project was carried out successfully in 1952. This was sponsored jointly by the Mid-Atlantic Association of Golf Course Superintendents and the USGA Green Section. The success of this project paved the way for the National "Operation Zoysia" project in progress now.

On April 22, 1952, fifty-five representatives of the Mid-Atlantic Association assembled at the Fairfax Country Club to plant the Zoysia seedlings under the supervision of the Green Section. The fairway area was prepared by first aerating with the West Point Aerifier with 1" spoons. Individual seedlings were then placed in every 4th aerifier hole within a row and every fourth row was so planted which made spacings between plants approximately 24".

Each and every seedling plant was carefully set into an aerifier hole so that the roots were covered and only the foliage of the seedling plant could be seen. This was done by first placing the root system carefully into the hole and then a core of soil was forced back into the hole to firm the root system in place. Then the seedling was "heeled-in". (The harder you heel the plant in place, the better—once the plant is set there is no danger of overdoing it—step on it hard!)

If for any reason an aeration tool is unavailable or doesn't penetrate well, each man should have an asparagus knife to make the hole for the seedling plant.

The Mid-Atlantic project took a total of 275 man hours to complete. The size of the fairway area planted was 3½ acres, therefore one acre should consume about 80 man hours.

The Midwest Association of Golf Course Superintendents is embarked on such a project at the present time. We now have Zoysia growing in the greenhouses at the Drug Plant and Horticultural Experiment Station of the University of Illinois at Downers Grove. We hope to have enough seedlings to plant ½ acre. The site will be on one of the fairways at Silver Lake Country Club and the time will be Monday, May 18. It has been suggested that some seedlings be given to Superintendents from other courses to try out under their conditions.

CONTROLLING WEEDS WITH SPRAYS

T. B. Robertson, Jr.

The chemical control of weeds is one of the most important forward steps in the science of agriculture. Golf Course superintendents, farmers, orchard men and plantation operators can now keep weeds under control—simply, easily, with chemicals. Chemical weed killers can be applied by standard spraying methods that require a minimum of time, labor and money.

The control of weeds has been a vexing problem since the dawn of agriculture.

Unwanted vegetation reduces the yield of crops, steals nourishment and water from the soil, harbors insect pests and plant diseases. The control of weed growth is a major maintenance cost on golf courses, city parks, and state preserves. Until the newly developed methods of controlling weeds with chemical sprays proved successful—weeds were only kept in check by time-consuming mechanical methods. The new techniques are faster, easier and more effective.

The chemicals used for weed control may be roughly divided into two types:

(1) translocated type weed killer — 2,4-D and 2,4,5-T (selective weed killers)

(2) contact weed killers such as — Pentachlorophenol, technical (entire kill)

Translocated type compounds (1) are absorbed by the foliage of the weed and spread throughout the entire plant. Although they are absorbed only in minute amounts, certain translocated types destroy the entire growth including the roots.

Contact weed killers (2) are compounds which kill weeds by "burning" off all above ground growth. In most cases, excepting perennials, the contact destroyer causes so much damage to the portion of the weed above ground that the root also dies.

The strength of the solution (the amount of 2,4-D added to the water) is not a factor affecting results. The amount of 2,4-D applied is *all important*. Rates of application quoted by most manufacturers of weed control chemicals refer to actual amounts of 2,4-D and 2,4,5-T applied per acre except when spraying fence rows and woody plants.

The concentration of the spray solution should be made to apply the desired amount of 2,4-D or 2,4,5-T per acre, regardless of the amount of water used. Five gallons per acre appears to be the least amount of solution that will assure adequate coverage. More water will be needed when spraying dense and heavy vegetation.

A 40 per cent amine contains approximately 4 pounds of 2,4-D acid per gallon, and 40 per cent ester varies from 2.65 to 3.34 pounds per gallon, depending upon the type. Suggestion: Before purchasing 2,4-D read the label to determine the type and amount of 2,4-D in the package or container.

A few years of consistent spray control will materially reduce the amount of weeding required per season. Consequently, the cost of spray control should be pro-rated over a four to five year period; each season's costs drop lower as the weed population dies out. Chemical weed treatments, season by season, eliminate the viable weed seeds in the soil.

O—O

The hungry pilgrims from Illinois missed out on Dick Ryerson's dinner on April 16. Oh, well, some of them are on a diet anyway. However, they missed the good time they always have with the Wisconsin boys.

SPREADING IT THIN

Mr. and Mrs. Geo. Roloff of Roselle C. C. are anxiously awaiting the arrival of their first grandchild. Their daughter, now living in California with her husband in the Marine Corps, is expecting in April. George is having quite a time.

Don Strand had his work well caught up during the spring and seems to have his old strength and vigor back again after a good Florida vacation and a mild winter.

Ray Gerber will soon be driving a 1953 Pontiac.

Herman Woehrle and Emil Cassier both report an amazing success with color pictures with their new cameras. Emil took pictures on his recent trip to Florida and Herman brought a camera back from Germany on his recent visit.

An apology. The April meeting date was set so late it was impossible to get a picture of Al Dorband, the supt. of Mission Hills for the April issue of the Bull Sheet. The asst. Editor regrets his failure.

Warren Roseman is now taking 16 mm movies. Warren says movie taking is an expensive hobby.

Ted Woehrle, the son of Herman Woehrle of Kankakee Valley G. C. is a Junior at Purdue in Turf management. Ted attended our April meeting.

Mr. and Mrs. Matt Bezek will take up residence at Butterfield C. C. about May 1st.

Henry Lang of the Glenview Club reports that he still has work to do on his new water system but thinks it will be complete about April 15th. Henry says "there were no leaks".

Red Sellers says the North Shore C. C. came thru the winter with no evidence of winter damage. Red believes the turf really improved over the winter months and looks better now than it did last fall.

Frank Dinelli and the members of the Hearts Club very much appreciate the beautiful gift donated to that group by Tom Mascaro. The gift, which the Mole was privileged to examine carefully, was a beautifully decorated deck of cards. It was fully worthy of a careful examination.

Bob Marbury was the happiest man at Mission Hills. He "shot the moon" in the Hearts game. Claimed it was the first time in 14 years of playing that he was able to do it. Well, if it made you happy, Bob, it was worth the buck apiece the other players lost.

We had a memorandum from Fred Grau announcing that he was now associated with Frank Murray, Golf Course Builder to form the firm of Grau-Murray Grass Service. We wish Dr. Grau the best of luck in his new project.

Frank Dinelli has several flats of Zoysia started which he hopes to plant on his course this spring. Frank is thinking mainly of planting Zoysia on his tees. He says that even if the grass is dormant late in the spring it is possible to dye it to give it a more pleasing color until growth begins. We think he has got something there.

This is the last time we stick our neck out on predictions of early springs. Ever since the last issue of The Bull Sheet we have had our regular April weather. There were traces of snow on the 18 and 19th and a hail storm on the night of the 14th. On several mornings the ground was frozen and temperatures stayed in the 30's the whole day. I guess there just ain't no such thing as an early Spring in this part of the country. Spring is just a few warm days scattered thru March and April, otherwise it goes from Winter into Summer.

Apparently, Edgewater Country Club will not be sold for sub dividing as had been rumored. We are happy to know this and it would be a shame to see

Gerald Dearie's beautiful course be abandoned.

Ray Didier, the Mighty Kingfisher, says the greens are doing well at Tam O Shanter with no evidence of the disease that caused so much difficulty this time last year.

Emil Cassier of Sycamore has a deep brown color from his recent Florida trip. Mrs. Cassier is recovering nicely from her recent operation. The new fountain being erected to the memory of Vern Wetzel will be completed by June 15th. Many of our members will remember Vern as Emil's golfing companion at many of our meetings during the last several years. Vern was President of the Board of the Sycamore Park District.

Frank and Mrs. Mastroleo of Geneva C. C. will be grandparents for the first time late in May when young Dave becomes a Father. Frank is very nervous at this time, however, the prospective grandmother is quite calm. Frank has accumulated new golf clubs, a golf bag, shirts, spiked shoes and even a golf cart for the new arrival.

The Arrowhead C. C. of Wheaton, Ill. is now owned by Bill Hoy. Mr. Hoy has frequently attended our meetings in the past and is always good company.

Carroll Garceau of the Catholic Cemeteries was a visitor at our April meeting.

John Coghill Jr. underwent a triple operation early in April. John was operated on for hernia, tonsils and adenoids. He is recovering nicely.

Ray Gerber has about finished work on the new improvements in the club house grounds. The new parking place is ready for black topping, the new entrance to the Club House is being completed and Ray has planted evergreens at the entrance to the club and around the clubhouse. It will be a swanky place.

Bert Rost is carefully planning the planting of the Zoysia at Silver Lake May 18th. His story appears in this issue. Please be there to help get the job done. It may revolutionize fairway and tee planting in our district.

Association member Mike Coyne has sold his interest in the Glenwoodie Golf Club and has bought Fox Lake Country Club. We wish Mike the best of luck in his new project.

Among some of the things worth noting this Spring, we were very much interested in the remarkable germination this Spring of grass seed planted last fall, but which due to the prolonged drouth, did not germinate. This seed germinated very early in April, much sooner than any seed planted this Spring, even under the earliest and most favorable conditions. It occurs to us that this might be used to advantage, say, in the renovation of tees, which would be able to be used until late in the fall, seeded when all chances of germination before winter were eliminated and the seed would germinate in the spring long before it would be possible to do so in the Spring. This is nothing new as far as we know, but it is very seldom that it has been done deliberately to our knowledge.

Another thing we learned, while talking with Elmer Bertucci of Old Elm Club, that his greens which he fertilized very late last fall with Milorganite, came thru the winter in a much healthier condition and showed a great deal of growth before unfertilized greens or those which were fertilized early in the spring got started.

The idea of mentioning these things is that it might be practical to seed and fertilize in this manner and save some work in the Spring when we have a thousand and one things to do.

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