AUGUST, 1965 VOL. 19, NO. 2.

Official Bulletin Midwest Association of Golf Course Superintendents

he

JOINT MEETING WITH WISCONSIN

AUGUST MEETING MONDAY, AUGUST 9, 1965 McHENRY COUNTRY CLUB

GOLF - DINNER

EDUCATIONAL PROGRAM

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

TED WOEHRLE, Editor 8700 So. Western Ave. Chicago 20, Illinois

OFFICERS

President - E. F. "Al" Johnson 1st Vice-President - Adolph Bertucci 2nd Vice-President - Dudley Smith Secretary & Treasurer - Roy Nelson

DIRECTORS

Ed Braunsky Anthony Meyer Walter Fuchs Douglass Jabaay Kenneth Lapp Gerald Dearie

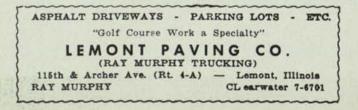
The President's Message

Our last meeting at Glen Flora Country Club with host superintendent, Peter Bild; manager, Fred Parkinson; Pro, Ken Henry, was a delightful success from the standpoint of attendance and hospitality. It is nice to have such congenial friends in the Chicago district to host meetings for the Midwest Association of Golf Course Superintendents. We also want to thank the boys that supplied the refreshments on the course; the shrimp bowl, and McGregor Company and representatives for their donation of a set of woods and irons.

Our next meeting, August 9th at the McHenry Country Club is a joint meeting with our many fine friends from Wisconsin Association that have traveled many times to our turf clinics and meetings and again we should have a fine turnout at a club that has always welcomed the golf course superintendents.

Before our meeting at Glen Flora, I was invited as a representative of the Midwest Association on June 29th to attend the Al Dorband day at Mission Hills Golf Club. It was an honor to attend such a dinner in recognition of a superintendent and his fine family for the many years at Mission Hills. Harry Pezzula, President of the P.G.A. of Illinois, was M.C. and as always, great. Probably the most enjoyable day I have experienced in a long time. May the next forty years be as successful to you, Al Dorband.

> Al Johnson, President



LAST MEETING

The July meeting of the Midwest Association of Golf Course Superintendents was held at the beautiful Glen Flora Country Club in Waukegan, Illinois. Peter Bild was host Superintendent for the July 15th meeting. The weather was perfect and the attendance was outstanding. Over 160 attended. Highlights of the day included golf, dinner and an Eductional program following a lively business meeting.

Golf activities were divided into two types of tournaments. These were, a Blind Bogey run by the Assistant Pro, a Peoria System Tournament run by the Association with extra gifts donated by the MacGregor Golf Equipment Co. Golf Chairmen, Douglas Jabaay and Ed Braunsky distributed the prizes as follows:

Low Gross - Joe Dinelli.

Low Net winners with 66's were Joe Canale (winner of a set of MacGregor irons donated by Harry Adams and Harold Borgman) and Bob Winters who won a set of MacGregor woods also donated by the above. Mike Mulvihill and Paul Frankowski were tied for the next spot with 67's and the remainder of the Peoria System winners were: Bob Williams, Don Gricus, Don Theesfield, George Druzisky, Bill Hargrave, Harry Roberts, Ken Lapp, Ken Goodman, Ed Stewart, Al Pruess, Roger Rochelle, Buzz Didier, Fred Opperman, Ted Hammerschmidt, George Whitner, Steve Parkinson, Bill Saielli Jr., Russ Reed, Ken Christianson, Chuck Reed, Emil Mashie, Oscar Miles Art Benson Jr., Alby Staudt, Art Benson Sr., Warren Roseman, Ted Woehrle and Dick Richardson.

Winners of the Tournament conducted by the Assistant Pro in the Blind Bogey event were: Ed Burke, Wes Updegraff and Dan Taggert. Each won a handsome carrying bag.

BUSINESS MEETING

The monthly business was held immediately after the delicious buffet dinner served by Manager, Fred Parkinson and his able staff. A few words were offered by Mr. Chas. White Jr., Chairman of the Grounds Committee in the way of a welcome. Peter certainly is appreciated by his Club Members at Glen Flora.

Wes Updegraff pointed out that Don Strand, Superintendent of Westmoreland Country Club is ailing and in the hospital. A get-well card was passed around the room for the members to sign and send on to Don. We all wish Don a speedy and complete recovery so he can once again join us at our meetings.

President, Al Johnson called the meeting to order for the specific purpose of nominating and electing members of the Midwest Association for various positions in the National. During the confusion of a boisterous and unruly session in which several of our notoriously famous aggitators walked out of the meeting the outcome was finally decided in favor of Ed Stewart (relatively unknown in National affairs) as our choice for Nomination of National Director, Bob Williams was suggested and appointed as chief delegate to the National Conference and Ted Woehrle was appointed as Assistant delegate. Ed shouldn't have much trouble getting elected with these two seasoned politicians working for him. They should be able to overcome any shortcomings that Ed might have.

Paul Voykin and Tom Burrows finally accepted the job of being our representative on the National Advisory Committee after six other members first turned it down.

It seems difficult to understand why the sudden disinterest in the National. Why aren't we sending our best qualified men to Kansas?

Mavor Boyd, Superintendent of the Calument Country Club announced that on Monday, July 19, he was to host to the monthly meeting of the Michiana Golf Course Superintendents Association. He invited us to attend. Dr. Daniel of Purdue was the guest speaker to appear on the Educational Program.

President Al Johnson reported that on June 29, 1965 he was invited and attended an Anniversary dinner at Mission Hills Country Club where the members were celebrating the 40th year of Al Dorband's employ at the Club. Al represented our Association and extended our heartiest congratulations to Al Dorband.

It was announced by our arrangements Chairman, Adolph Bertucci that our next meeting will be held on August 9, 1965 at the McHenry Country Club. Harold Michels will be our host. This will be our annual joint meeting with the Wisconsin Chapter of Golf Course Superintendents. He also reported that our annual golf tournament will be played at Old Elm on September 27, 1965. **NO GUEST WILL BE AL-LOWED.** It was also mentioned that a joint meeting with the Club Managers will be held on October 5, 1965 at the Woodmar Country Club, Hammond, Indiana.

Dudley Smith, Chairman of the Educational Committee appeared next on the program to introduce our Speaker for the month. After being introduced, Speaker, Bob Miller of the DuPont Organization dealing in turf products gave us a few well chosen words on DISEASE of TURF.

Some of the points stressed by Mr. Miller in preventing a disease problem are:

- 1. Use most resistant variety of grass for area.
- 2. Proper Soil Structure.
- Proper pH if pH is close to neutral the disease will be easier to control.
- 4. You must control Mat or Thatch and Compaction.
- Proper Fertilization Feed for growth not too lush – use more Potash.
- Proper use of fungicides of which there are four types – a. Eradicant, b. Protectant, c. Disinfectant, d. Disinfestant.

Refreshments out on the Course were supplied by Art Clesen and the Shrimp Bowl was given by Dick Hedberg and Roger Brown of IMC. Thanks a million, men. It was enjoyed by all.

MICHIANA MEETING

On Monday July 19, 1965 the Michiana Chapter of Golf Course Superintendents held their monthly meeting at the Calumet Country Club in Homewood, Illinois. Mavor Boyd was host. President, Norman Kramer, Superintendent of the Point O'Woods Country Club, Benton Harbor, Michigan welcomed all members and guests before introducing Dr. Daniel who spoke on "Competition for Space in Turf". A short abstract follows:

COMPETITION FOR SPACE IN TURF

Dr. W. H. Daniel Turf Specialist, Purdue University

On the putting green only about 1/4" is available for turf growing, in fairways less than 1 inch, and in high cut lawns even 2" may be available. So, turf managers must confine their production, as turf or sod, to these limited areas. Even so, both uniformity and density are necessary.

Competition is keen between both annuals and perennials. Many turf management practuces are designed to reduce, regulate, or alleviate competition; yet, constantly maintain ample turt cover.

Broadleaf weeds, chickweed, clover, etc., can be selectively killed. Generally it is best to remove such weeds before they predominate, before they compete severely, and when their absence would be least noticed.

Annual weedy grasses have long plagued turf areas. Crabgrass has been the most notorious villain. Goosegrass is the black sheep of the family. Any annual usually grows fast, provides intense competition for nutrients, moisture and space. Even after being killed by frost or chemicals, grasses may physically occupy space and thus be a competitor to desired turf. Any control program should be targeted towards the invading competition under control and below a competitive level.

Competition within perennials also may be a limitation. For example, Bermuda usually fails when it is three years old. Zoysia is weakened by excessive thatch, and extensive competition within itself. Even dense stands of **Poa annua** suffer most from diseases, drouth and wear.

Young, vigorous grass is usually healthy. Old, weakened grass is most subject to disease; thus, the turf manager wishes to keep the limited space available below the cutting height occupied by as high a percentage of young, vigourous grass as possible so, aerification, vertical mowing, topdressing and sweeping are practices to mechanically regulate competition. Rapid growth, irrigation, fertilization, vigor ous varieties — many things actually favor thatch formation. Old leaves, old stems occupy space just as much as green, young leaves.

Even locally every turf area may differ. The basic recommendations in Midwest Turf leaflet No. 29, "Bluegrass Fairways, Yes, IF?" applies equally well to Zoysia and bentgrass. The principles of keeping any grass vigorous, aggressive and under controlled competition requires the best of the turf manager's ability. Fortunately many tools and chemicals are available to aid.



BOOM!

On Wednesday, July 21, 1965, the roof began to fall in on good turf maintenance. The humidity began building up in the afternoon hours with the temperatures beginning to rise. By the next morning the early temperatures were already as high as they were the preceding day and they continued to rise until they hit 93 degrees. During the same period, the humidity also climbed to tropical extremes. This condition prevailed for two days and three nights with the end result of turf becoming sick and dying from our old enemy of last year, Pythium. Our courses turned from almost perfect on Wed-

Our courses turned from almost perfect on Wednesday to almost dead on Sunday. This of course hit the fairways the hardest. Some of the finer courses with poa annua and Bent fairways which are watered frequently were hardest hit.

Let's hope that the humidity drops pretty soon so we won't get wiped out like last year. Temperatures on the South Side of Chicago never went below 68 degrees since the morning of July 21, as compared to temperatures at O'Hare which dipped as low as the upper 50's on three separate occasions during the same period. Temperatures must drop below 68 degrees to stop Pythium.

BIG CHANGE AT ITASCA

For years John Coutre, Superintendent of Itasca Country Club has been suspecting problems concerning his irrigation water in relationship to its source. He is obtaining his water from the Salt Creek which is adjacent to his course. After analysis he was amazed to find out that the water has been affecting his turf management program a great deal more than he even suspected. The turf always looked sick. It was decided to investigate this a little further.

It was decided to investigate this a little further. After a close examination of materials and equipment available for treating his problem water the Club decided to purchase the equipment and materials necessary to purify his water. After installation, he noticed a marked improvement almost immediately. It is worth the time to drive over and see for yourself.

Here is a little more on this water problem as written by A. H. Smith, of Smith Equipment. He carries an ad in the Bull Sheet.

DISSOLVED MINERALS IN IRRIGATION WATERS

Surface waters from streams and waters from ground wells contain dissolved minerals and gasses obtained from soil contained deposits. Waters vary in amounts of elements accordinng to the particular location from which the water is obtained. Of the minerals, sodium is most caustic to plant tissue, and of the gasses, carbon dioxide presents the greatest problem in "fixation" of minerals to carbonate compounds. On exposure to atmosphere, the carbon dioxide picks up oxygen to form carbonates of mineral elements. As carbonates, the sodium, magnesium, calcium, etc. are precipitated as the water evaporates. The precipitates are water insoluble and not plant usable minerals. As such these "hardness" elements accumulate with each successive watering until a plant tolerance amount is exceeded.

Carbonate salts of minerals being water insoluble, have their greatest concentration in the top several inches of soil. As they tend to co-agulate and draw together, stratified layers of soil become cemented hardpans, that resist air and water infiltration and drainage. Slick spots and surface puddling result. Carbonates are corrosive to plant tissue and can



MERION and KENTUCKY BLUEGRASS
C-15 SOD and STOLONS
PENCROSS BENT SOD
DEARIE and STRUD SOD NURSERY
or Thornton's Turf Nursery
R. R. 2 - Box 72 - ELGIN, ILLINOIS
SH erwood 2-5030



actually gnaw off roots and lower stem parts.

With intensively cultured plantings as golf course turf and greenhouse soils, a salin-alkaline amount of carbonate salts is possible in just twelve waterings of a virgin soil. In all areas dependent upon water of but a few grains of "hardness", the problem of retarded growth rate or plant loss is predictable. With ninety per cent of growing plants being watered, the ready ability to maintain tissue-water balance is essential and is achieved only by the quality of the irrigation water applied. Plants absorb soil moisture as a function of atmosphere pressure in direct ratio to total soil moisture stress. This action of osmosis is slowed or even reversed, when total moisture stress is high due to accumulated carbonate salts. This is seen as a "blueing", "yellowing" or "wilting" of grasses and greenhouse plants, even if soil is adequately moist.

TREATMENT OF IRRIGATION WATER

Efficient and economical treatment for eliminating and removal of carbonate salts in water and soil is automaticially possible with Release, Irrigation Water Treatment metered into main pipe flow by Syncro-Flo Automatic Irrigation Injector. This method presents the highest efficiency and most feasible means for treating of irrigation waters. By precise injection of Release, carbonates are chelated from the minerals, allowing plant use of these nutrients. Surface tension of the water is lowered and total soil moisture stress is reduced to allow water soil penetration. The released calcium displaces the absorbed sodium on soil particles providing leaching ability of the sodium out of the root zone; the dissolved carbon is carried down in the drainage water. Plant growth improvement is soon apparent as the rain like quality of the amended water is provided. Each water should be individually analyzed to determine the degree of treatment required. The average midwest water requires but one gallon of Release to treat 9,000 gallons of raw water. The cost is approximately twenty cents per 1,000 gallons of amended water.

The unit is installed directly into the main irrigation pipe line, near to water supply. The unit is complete, no buffer tanks or auxillary power is required. Syncro-Flo is hydraulically operated, automatic and synchronous in response to water flow Precise and fool-proof degree of injection is rates. accomplished, regardless of water pressure fluctua-tions, flow demands or surges. No reduction of water supply pressure is made and full volume as before installation is enabled. It provides up to flow rates of 500 gallons per minute, more than one unit may be used for higher flow demands. One filling of Release provides 200,000 gallons of treated water. Back flushing is never required. Refills in ten minutes.

- NOTE: Release Water Treatment is non-corrosive to iron or copper pipe, or brass or bronze valves and sprinklers, at all rates of treatment.
- NOTE 2: This method recommended is not to be confused with sodium salt water softeners, which should not be used in irrigation treating.

Phone: 312 669-5452 or 312 669-5771 LOUIS SCHACHTNER Distributor BLACK DIAMOND HUMUS SOIL HUNTLEY, ILLINOIS



PRECISION BLENDED TOP DRESSING

Custom blended to your specifications by our modern equipment.

Buy when you need -Eliminate costly storage

We sell an air dried, uniform and free flowing top dressing.

ASK THE MAN WHO HAS USED IT.

HUMUS - BLACK SOIL

HENRY FRENZER

CR estwood 2-0290 2-5267 1719 Grove St. Apt. 8 Glenview, Illinois

NOTES

Walter Fuchs, Chairman of the Entertainment Committee informs us that our annual fall dinner dance will be held at Edgewood Country Club on Saturday, October 9, 1965. Plan now to attend. Harold Fredrickson and his wife will host the affair along with Walter and his wife.

Purdue Field Day will be held August 16-17.

Mr. Glen Summerfelt will be our guest speaker at the August Joint meeting. He is connected with the Chicago Aerial Survey Co.

ORNAMENTAL HORTICULTURE

On Friday, July 16, 1965 Bob Williams and Ted Woehrle attended a meeting of a committee functioning to help set up the new curriculum in Ornamental Horticulture at the Wilson Junior College in Chicago. Jerry Dinelli also attended.

We were somewhat disappointed in the meeting because of the feelings concerning the on-the-job training of the students. A great burden would be placed on a Superintendent in training these students because of the short period of time that he would actually have a student under his supervision before he would have to give him up so he could participate in a different phase of horticulture. There would be a constant changeing of students. About the time you would have one trained you would lose him.

(Continued on last page)

Distributors of **MECOPEX - MECOPAR** and FORE by ROHM & HAAS ILLINOIS LAWN EQUIPMENT, INC. 14750 La Grange Road - U.S. 45 Orland Park, Illinois Fl eldbrook 9-8484 **Bob Johnson** ROSEMAN 2620 CRAWFORD AVE. 273-4070 **EVANSTON, ILLINOIS** TURF EQUIPMENT HEADQUARTERS ROSEMAN GANG MOWERS FORD TRACTORS COOPER GREENS MOWER LELY SPREADERS ROGERS SWEEPERS AERO THATCH **ROYER SHREDDERS** PAR AIDE PRODUCTS SOD MASTER PRODUCTS STANDARD PRODUCTS WEST POINT AERIFIERS ROTARY MOWERS SALES SERVICE PARTS RENTALS



- Reasons why we recommend our 10-5-5 PELLETED for Fairway Fertilizing
- Uniform Pellets for uniform application by all types of spreaders
- Dust free
- Dual feeding fast acting chemical forms and slow release organic forms of plant food
- Non-burning organic base
- Contains secondary and trace elements for Better plant health

Fairways and greens kept at their best! And remember: DARLING'S PLANT FOODS DOES IT BEST!

& COMPANY

4201 S. Ashland Ave., Chicago 60609

Phone: 927-3000

IF - - - -

If you can keep your head when all about you Are losing their's and blaming it on you: If you can trust yourself when all men doubt you But make allowance for their doubting too. If you can wait and not be tired by waiting Or being lied about, don't deal in lies, Or being hated, don't give way to hating. And yet don't look too good, nor talk too wise.

If you can dream and not make dreams your master If you can think and not make thoughts your aim If you can meet with triumph and disaster And treat those two imposters just the same If you can bear to hear the truth you've spoken Twisted by knaves to make a trap for fools Or watch the things you gave your life to broken, And stoop and build 'em up with worn-out tools.

If you can make one heap of all your winnings And risk it on one turn of pitch-and-toss And lose, and start again at your beginnings And never breathe a word about your loss. If you can force your heart and nerve and sinew To serve your turn long after they are gone, And so hold on when there is nothing in you Except the Will which says to them, Hold on!

If you can talk with crowds and keep your virtue Or walk with kings nor lose the common touch. If neither foes nor loving friends can hurt you, If all men count with you but none too much. If you can fill the unforgiving minute With sixty seconds worth of distance run, Yours is the earth and everything that's in it. And-which is more you'll be a man, my son. RUDYARD KIPLING

TERRA-GREEN I.M.C. Plant Foods Regular & Jumbo **Custom Spreading** CLEARY'S TURF SPRAYS 611 So. Wolf Rd. Wheeling, Ill. TURF TROUBLES try our line of tested, trusted treatments for finest turf! HERBICIDES INSECTICIDES FUNGICIDES WETTING AGENTS LIQUID & SOLUBLE FERTILIZERS write for our FREE 25th Anniversary Catalog AMERICAN LIQUID FERTILIZER CO., INC. and ROKEBY CHEMICAL COMPANY Marietta, Ohio · P. O. Box 267 · phone 373-1394 WASHINGTON and TORONTO (C15) STOLONS SITUATION SOD FOR ANY MERION AND KENTUCKY BLUE GRASS. CREEPING BENT, FESCUE OR MEYER (Z52) ZOYSIA WARREN'S TURF NURSERY 8400 W. 111th STREET :-: Phone: GI bson 8-7200 PALOS PARK, ILLINOIS

Illinois

Tel. LE 7-2177 ARTHUR CLESEN



in before this Fertil-Ade green closes the hole."

The course is designed to attract the student that is unemployed after graduating from high school. There is a great need for trained men in the various fields of ornamental horticulture but they prefer those without prior training. The program has merit but it should be watched for a while before we get too involved in it.

ADVERTISERS

MILORGANITE USED AND PREFERRED BY

GOLF COURSES EVERYWHERE

C. E. STEWART Civil Engineer Irrigation, Drainage, Water Supply, Pumping Plants Design — Reports — Consultation — Supervision 18357 Homewood Ave. Homewood, Illinois

PAUL E. BURDETT Seed - Fertilizers & Golf Course Supplies SOLE DISTRIBUTORS OF AGRICO COUNTRY CLUB 12 - 4 - 8 (50% Organic Nitrogen) 10 - 6 - 4 (25% Organic Nitrogen) 16 - 8 - 8 Also Hydraulic Feeders Rainbird & Nelson Sprinklers and Valves Myers Pumps - Johns Manville Pipes

E. I. DU PONT & CHIPMAN CHEMICALS P. O. Box 241, Lombard, Illinois — 629-1123 Paul W. 627-0282 Jim 629-0223

Custom Blended Top Soil For Top Dressing or Building of New Greens & Tees

Rich Humus -

The Best Soil

The Best in

Made to Order

Soil Mixes

Experience

Prompt Service and Efficient Delivery Guaranteed

TAMELING BROS.

7400 S. Madison, Hinsdale

FA 3-7171

Rt. 83 & Rt. 66

