

Roundup

Quality Has New Meaning in Turfgrass Picture

By FRED V. GRAU

TOPDRESSING is coming into fashion.

Since we can sterilize it, we see the value of using it on greens. Each successive layer of sterilized topdressing further buries any weedseeds that are present, making it more difficult for them to germinate and grow. In addition, topdressing is an excellent carrier for fertilizer and it also does well with insecticides and fungicides. But we re-emphasize this point: Topdressing must be sterilized. As many of us know, Dr. DeFrance of the University of Rhode Island has pointed out that 13 lbs. of cyanamid per cu. yd. of topdressing, allowed to "cure" for several months, gives us virtually weed-free material. The same undoubtedly applies to methyl bromide and perhaps other soil sterilants that are coming on the market.

Two very important advances have taken place in the turfgrass field. They are: (1) Sterilization to destroy all unwanted vegetation that might compete with desired grass that has been selected for planting; and (2) Recognition that some grass types are far more wear resistant, drought tolerant and rapid healing than others.

The word, quality, no longer applies just to putting greens but to all turfgrass. First Merion, then Meyer zoysia, Emerald zoysia, the improved Bermudas and Penn-cross bent and Penn-cross fescue have made the American public turf quality conscious. These are just a start in the improved strains that may be expected.

Weed Control

We have a better grasp today of the principles of weed control than ever before. Practically all of us believe that good grasses, properly fertilized, are the best weed control device known. But that doesn't mean we have licked the problem of getting rid of weeds. A large portion of the Q and A dept. I run in GOLFDOM is devoted to queries on weeds, if the foregoing statement must be justified.



Lawn edging provides excellent vegetative planting material. This is improved zoysia at Grau's home.



Sod on left cut 2-ins. thick is heavy to handle, breaks easily, knits to seedbed slowly. Half-inch sod on right rolls, handles easily and will knit to seedbed quickly. This saves on water, maintenance.



Tree feeding reveals starved turf. Trees, grass can be grown together if right grasses are fertilized adequately and trees are fed.

Why superintendent Du Pont Tersan[®] 75 to pr

TURF FUNGICIDE

With "Tersan" 75
—NO SNOW MOLD

No "Tersan" 75
—SNOW MOLD ATTACKS

At Oak Park Country Club, "Tersan" 75 protected turf on left from snow mold that attacked untreated area on



W. E. UPDEGRAFF, Oak Park Country Club,
Oak Park, Illinois,

reports: "Our results with 'Tersan' 75 for preventing snow mold over the past four years have been excellent. It's easier and much less expensive to prevent snow mold with 'Tersan' 75 than to replace damaged turf. This year, I plan to treat all greens, tees, banks and approaches with 'Tersan' 75."

TERSAN[®] 75 Turf Fungicide • **SEMESAN[®]** Tu

s everywhere prefer event snow mold attacks

O. JOHNSON, Happy Hollow Country Club,
Omaha, Nebraska,

reports: "I've had no disease problems in 20 years of using 'Tersan' 75 to prevent snow mold and all other turf fungus diseases. I never have to worry about injuring the grass with 'Tersan' 75, even if an excessive rate is used. I don't intend ever to use a fungicide other than 'Tersan' 75—it keeps our members happy."



F. E. MAURINA, Tripoli Golf Club,
Milwaukee, Wisconsin,

says: "We have been using 'Tersan' 75 to prevent snow mold for the past 8 years with very good results. Generally, we apply 'Tersan' 75 in late November, middle January and early March at the rate of 8 oz. per 1,000 sq. ft. in spray or dry form."

H. FANNIN, Mayfield Heights Country Club,
Cleveland, Ohio,

reports: "I've been using 'Tersan' 75 since it first became available. To prevent snow mold, I apply 'Tersan' 75 before the first snow in November, and again in January. Of course, 'Tersan' 75 is my old stand-by for large brown patch control, too."

Prevent snow mold with Du Pont "Tersan" 75

Superintendents everywhere report easy, economical and reliable snow mold prevention with Du Pont "Tersan" 75. A proven thiram fungicide, "Tersan" 75 also protects your turf against large brown patch, dollar spot and other

important fungus diseases. "Tersan" 75 is packaged in handy 3-lb. bags for easy measuring and handling. For extra disease protection and maximum safety, combine "Tersan" 75 with Du Pont Semesan® Turf Fungicide.

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BETTER THINGS FOR BETTER LIVING
... THROUGH CHEMISTRY

On all chemicals, follow label instructions and warnings carefully.

Chickweed, goosegrass, crabgrass, knotweed and clover still plague us but we're learning how to cope with them. At this time, I think it only proper to point to the efforts of John Gallagher of the American Chemical Paint Co., who has done an outstanding job of correlating existing knowledge of weed control and plans to produce it in a booklet soon to be published.

Early last year at a Mid-Atlantic GCSA meeting I told my audience that greens that have been rebuilt by supts. probably will be free of trouble as long as they are used. The mistakes that are originally built into greens are quickly discovered by the supt. who often must rebuild them within a year or two at great expense. In some cases the supts. have done such excellent rebuilding jobs that they have been asked to design new greens or even to take part in the complete design of new courses. This quite naturally leads to the conclusion that closer coordination in course construction between golf architects and the GCSA would result in future courses that will be easier to maintain and give greater satisfaction to players at lower cost.

New Demand for Service

Acquisition of farm land for housing development has greatly increased the work and the need of our Agricultural Experiment Stations. A large percentage of requests to County Agents for assistance now comes from home owners, and these in turn are passed on to the Extension Services. A heavy demand for extension specialists in agronomy, horticulture and pathology has thus been created, so much so that states and universities are putting men on full time Turf Extension. It has been our observation that supts., more than ever before, are working closely with County Agents and Extension Specialists not only in sharing their experiences, but in helping to organize and develop turf associations which provide educational material and methods for those not connected with golf.

Substantial grants of money by several commercial concerns have aided turf studies at a number of experiment stations. Research within industry also has been an important factor. Industry distribution of informational literature fills a great need, supplementing the limited distribution of conference proceedings and similar educational material.

Bermuda Fairways

It has been a source of considerable pleasure to see gradual acceptance of Bermudagrass on course fairways and to see this movement steadily marching northward. Today we have solid tees and fairways of Bermuda in Philadelphia, the Mid-Atlantic area, Kansas City and St. Louis. The northward march of Bermuda has matched the development of Merion in the bluegrass regions so that the two have met and are overlapping. This is a great thing because Bermuda is one of those grasses that is extremely drought resistant, can utilize the best possible fairway playing surfaces when properly managed.

This subject has been argued for years in the Mid-Atlantic GCSA. Emphasis now is on "How soon can we get Bermuda fairways?" — not on "How can we get rid of the blankety-blank stuff?" With the development of improved planting machines, and with lower cost of planting stock, the development of solid Bermuda fairways will go forward more rapidly.

Winter Schools

Winter schools at Penn State and Massachusetts University have been publicized before, but we would like to mention them again. For brochures for Pennsylvania State University, write to Prof. H. B. Musser and for Massachusetts University, write to Dr. Eliot C. Roberts; or if you choose, drop a line to Grau's Q. and A., c/o GOLFDOM and brochures will be mailed you. These are important cogs in the wheel of training new men. They are practical training schools and not designed to turn out professional men such as the four-year course at Penn State, Purdue and other schools. We were pleased to see the development in this direction at the University of Florida at Gainesville, where Dr. Gene Nutter is doing such a tremendous job in research and training.

While we're on this subject, we would like to express good wishes for a successful turf program to Dr. Louis N. Wise at the Mississippi State College at Starkville. Dr. Wise runs the first successful and only seed training school of its kind in the world. We saw him again at Beltsville and at Gainesville, Fla. where he was picking up information so as to develop a comprehensive program in turf research for Mississippi. Another outstanding agronomist who has initiated a full-scale turfgrass program is Dr. Roy Blaser at V.P.I., Blacksburg, Va. Their first turf field day was held in July, 1957. The new golf course is their "proving grounds."

Pro. Hugh Knowles and Dr. LeBeau at the University of Alberta, Edmonton, Canada, and others are starting turf programs. A special mention is in order for C. E. (Robbie) Robinson of the Royal Canadian Golf Association for his untiring efforts in promoting turfgrass work.

Poa annua still is one of the most popular subjects for discussion at supts.' conferences and local meetings across the country. There is a steady increase of those who believe that *poa annua* can be a valuable turfgrass when used as a winter grass in combination with a strong growing warm season grass.

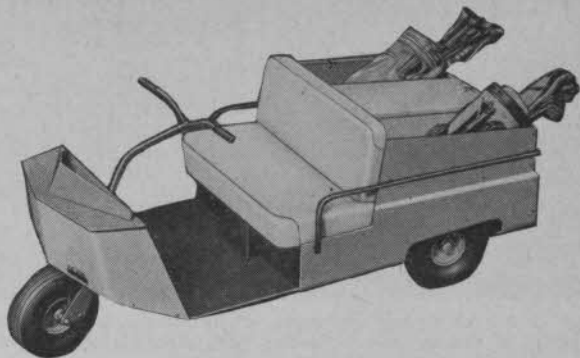
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Hartsville, Ohio

Willie Mustard, pro
Barton Hills Country Club
Ann Arbor, Michigan

Thomas Kerrigan, pro
Siwanoy Country Club
Bronxville, New York





Scene at the 5th annual conference of the Florida Turf Assn., held last fall on the campus of the University of Florida. Several leading turf authorities were speakers at the three-day meeting which was featured by a series of educational exhibits and a tour of research facilities in addition to the regular educational sessions. In the above photo, Gene C. Nutter of Florida Agricultural Experiment Station is discussing Bermudagrass variety adaption studies.

90 Supts. Attend Midwest Clinic at Olympia Fields

Practically every aspect of course maintenance was touched at the fifth annual turf clinic of the Midwest GCSA which was held at Olympia Fields (Ill.) CC in November. Supt. Gordon Brinkworth was host for the two-day affair.

About 90 supts. from Illinois and surrounding states attended the clinic. More emphasis than usual was put on the technique of spraying with Dwight Powel, University of Illinois pathologist, giving an extremely informative talk on this subject. Another University of Illinois professor, Richard Campana, discussed the Dutch Elm disease threat which has become a serious menace in recent years throughout the Midwest and has caused rather widespread tree deterioration on golf courses.

Other speakers included James Holmes of the USGA green section who spoke on nematodes; Charles Shirley who discussed the greenkeeping situation in Wisconsin; Malcolm Shurtliff of Iowa State College who brought the supts. up to date on the relationship between temperatures and turf disease; Joe Dinnelli who described the planning and installation of drainage systems; Floyd Sanders who showed movies he had taken, and narrated the story of improvements that were made last year at the Ridge CC in Chicago; and Verne Fish who discussed the many research projects undertaken by the Toro Manufacturing Corp.

Also on the program as speakers were

Andy Bertoni, Robert Miller, Robert Williams, Ted Woehrlé and Si Graham and a panel group composed of Bill Stupple, moderator, Ray Gerber, Wes Uptegraff, Gerald Dearie, Sr. and Gordon Brinkworth. The panelists distinguished themselves by going very thoroughly into the subject of green construction and maintenance.

Central Plains Holds 3-Day Meet; Elects Officers, Directors

The three-day turf conference held at Kansas State College, Manhattan, in mid-October was one of the best attended of the eight annual meetings the Central Plains group has held. Of particular interest to supts. was the grass plant identification session conducted by Kling Anderson and Ray A. Keen. Other notables on the program included O. W. Bidwell, Charles Wilson, William Daniel, Bud Elmer, Harold Jones, L. R. Quinlan, Robert Williams and Tom Mascaró.

At the annual membership meeting of the Central Plain Turf Foundation, Ross McCausland was elected pres. and Chester Mendenhall, vp. Ray A. Keen was re-elected secy-treas. Directors are McCausland, Mendenhall, Harold P. Henry and Roy Rasmussen.

Check the Manufacturing News

Page 69

for Information on New Products

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Scotty Chisholm Dies in L. A. at Age of 80

D. Scott Chisholm, noted golf writer and announcer, died Christmas day at the Riviera Convalescent Home, Los Angeles, following a brief illness. An attack of flu



Pipe and Highland garb were Scotty Chisholm trademarks.

kept Scotty from the PGA meeting. He never bounced back. Last October Scotty's 80th birthday was celebrated at a big party put on by Southern California pros and amateurs. He was born at Kingussie, Scotland, and came to the U. S. in 1899. He settled in California in 1912.

Scotty was a founder of the Los Angeles Open and of the Left-handers Golf Assn. He was a considerable collector of mementoes of noted golfers. Scotty was one of the kindest and most generous of men. There'll be stories about him told for years and years and every one of them will be told with laughs. That's a beautiful monument to any man.

Wogan, Pro, Supt., Architect Dies in Massachusetts

Eugene F. (Skip) Wogan, 67, died of cancer, following a brief illness, at Beverly (Mass.) hospital, Nov. 11, as the business sessions of the PGA annual meeting opened. His long time friend and associate in New England PGA affairs, NE pres. Tom Mahan left the pro meeting and flew to funeral services at Beverly.

There was general and deep sorrow expressed

PGA Winter Schedule

JANUARY

- 3- 6 — Los Angeles Open, Rancho GC, Los Angeles.
- 9-12 — Bing Crosby National Pebble Beach, Monterey Peninsula and Cypress Point
- 17-20 — Tijuana Open, Caliente CC, Tijuana, Mex.
- 21-26 — PGA Seniors, PGA National GC, Dunedin, Fla.
- 23-26 — Thunderbird Invitation, Thunderbird CC, Palm Springs, Calif.
- 23-26 — Panama Invitation, Panama (P.R.) CC
- 30-Feb. 2 — El Centro Open, Barbara Worth CC, El Centro, Calif
- 30-Feb 2 — Jamaica Open, Caymanas G & CC, Jamaica, BWI

FEBRUARY

- 6- 9 — Tucson Open, El Rio CC, Tuscon, Ariz.
- 6- 9 — Puerto Rico Open, Berwind CC
- 13-16 — Texas Open, Brackenridge Park GC, San Antonio.
- 20-23 — Houston Invitation, Memorial Park GC, Houston.
- 22-23 — Jackson Open, CC of Jackson, Miss.
- 27-Mar. 2 — Baton Rouge Open, Baton Rouge (La.) CC

MARCH

- 6- 9 — Greater New Orleans Open, City Park GC, New Orleans.
- 13-16 — Pensacola Open, Pensacola (Fla.) CC
- 20-23 — St. Petersburg Open (Course to be announced).
- 27-30 — Miami Beach Open, Bayshore GC, Miami Beach, Fla.

at the PGA gathering when news of Mr. Wogan's passing got around. He had been secy.-treas. of the NE PGA for 16 years and had served as a national PGA official.

Skip Wogan was born at Watertown, Mass., and went into golf at Oakley CC there. In 1910 he went to the Essex County Club, Manchester as asst. to Donald Ross. Three years later he was made pro-supt. at Essex County and held that position at the time of his death. He was associated with Donald Ross in numerous jobs of golf course design and construction. Wogan was active as a city official in Manchester.

He was, in all respects, the finest type of a professional golfer.

He is survived by his widow, four sons, Deputy Fire Chief Eugene F., jr., Philip A., Lewis F., and Richard T., a daughter, Mrs. James Scully, two brothers and a sister.

His sons Philip, Lewis and Richard will continue the golf architectural practice in which they were associated with their father.

Everything's Listed in
Buyers' Service — Page 79



GREENS? 21-inch Toro Power Greensmower cuts closer, throws more clippings into the grass box.

TORO builds the right power mower for your needs!

Reel or rotary . . . push-type, self-propelled or riding . . . small, medium or large—Toro builds the *right* power mower for every golf course need because Toro builds the world's most complete line.

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AERATING? Put the Toro Power Handle to work on the Aerator unit. Power Handle works year-round.



TEES? Standard six-blade reel on the 30" Park Special has high frequency of clip. Sulky optional.



UNEVEN GROUND? Hinged "wing" reels of the 76-inch Toro Professional hug ground contours.



FAIRWAYS? 7-unit Universal Frame (with Toro General Tractor) mows a swath approximately 17 ft. wide.

Pittsburgh Golf Writer Compiles Who's Who

An innovation in the golf record book field this spring will be *Golf Who's Who*, a pocket-sized booklet emphasizing records of U. S. and foreign professionals.

It will include personalized records of the active and semi-active players in American tournaments with a table showing their performances by years in: money won, the U. S. Open, National PGA, Masters, Western Open, Canadian Open, World and Los Angeles Open.

Short biographical sketches will accompany each chart and small pictures of the top stars will also be inserted with their charts.

Women pros will have a section of their own and there will be brief outlines of the records of Past Masters and of foreigners who do not campaign here very often.

Alltime winners in the major events, the top placers in last year's pro tournaments, both male and female and domestic and foreign, will be listed.

It's to be edited by Phil Gundelfinger Jr., golf writer of the Pittsburgh Post-Gazette, who has been interested in both golf and statistics for a third of a century.

Club Managers Conference

When the 31st annual meeting of the Club Managers Association of America is held in St. Louis, Feb. 13-15, the speakers' roster will include tax lawyers, accountants, representatives of Denver, Michigan State and Cornell universities, which annually hold short courses for club managers, as well as a number of practical experts who have many years of experience in the management field. Subjects discussed will include food management, stewarding, purchasing, club manager-board relations and general operations. Several round table discussions also are scheduled for the three-day meeting.

Chicago Dist. Picks Eckstein

Charles N. Eckstein, formerly a director, has been chosen pres. of the Chicago Dist. Golf Assn. for 1958. Other officers selected at the 44th annual meeting of the association include: Andrew W. Gatenbey, vp and general counsel; Stacy W. Osgood, treas.; William D. Jackson, secy.; and Sidney T. Jessop, ex-officio. The Chicago district has 18,000 members, runs 21 tournaments a year and has raised more than \$250,000 for charities.



When Librascope, Inc., a Los Angeles firm, recently held an employees' golf tournament at Harry Bassler's Fox Hill CC, Glen Seltzer (above), personnel mgr., introduced an electronic brain to compute results. Prior to the start of the tournament, names, handicaps and rating numbers of all players were entered on the magnetic memory drum of the computer. At completion of play each contestant's gross was recorded and in a matter of minutes, the machine compared gross and net scores, broke ties by checking against the players' rating numbers, placed the contestants in correct finish order and printed final results. Appropriately enough, a computer project engineer won the tournament.

Left-handers Elect Murphy

The National Assn. of Left-handed Golfers recently elected John Murphy of Ft. Lauderdale, Fla., pres. for the coming year. Vps are Len Woods, Galesburg, Ill., and Jack Walters, Tacoma, Wash. E. F. (Fritz) Gore of Ft. Lauderdale is exec. secy. and treas.

The 1958 National Open for Left-handers will be played in Ft. Lauderdale, July 2-6. Harry Shoemaker, who shot a 295 in the National which was played at Dallas in 1957, and who also won the 1956 title, is the defending champion. Twelve lefties shot 310 or under in the 1957 tournament.

Philadelphia GCSA Officers

At the annual meeting of the Philadelphia GCSA, James W. Morrison, Philmont CC, Huntingdon Valley, was elected pres. of the organization for 1958. Other officers are: Edward Roberts, Dupont CC, Wilmington, Del., vp; F. I. Shuman, Philadelphia Toro Co., secy.; and Joseph Valentine, Merion GC, Ardmore, treas. Directors are William Hansbury, F. W. Tull, A. W. Strachen and Harold W. Price.