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## TERSAN<sup>®</sup> OM

TURF FUNGICIDE

BETTER THINGS FOR BETTER LIVING  
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## Record Crowd at Convention

(Continued from page 30)

whether he recognizes it or not, is responsible for the best possible working conditions for his crew and that he should not try to duck this obligation by saying that it is strictly a matter for the club to see that they are provided.

"Professional Education" was the theme of the talk given by Prof. H. B. Musser of Penn State University, the final speaker on the second day's program. He commended the supts. on the high estate of their profession, but said the great educational strides they have taken in the post-war years are only a beginning. "Ability to meet the new challenges that are constantly arising calls for even more education," Musser said.

Turf management today, Musser continued, is becoming so much of a science that minimum requirements for those who are entering it are, or should be, much higher than they were just a decade ago. He called for a thorough re-examination of training and guidance programs by a committee within the GCSA so that not only new men entering the field, but those already in it, who may not feel they are adequately equipped to handle their responsibilities, can be helped.

The Penn State agronomist also said that because of the demand for new and replacement supts., the country's golf clubs should start taking more interest in the work of the GCSA, especially in the matter of helping to train and even educate assistant supts. and maintenance employees who show a talent for turf management.

### Third Day

#### George Looks Into Future; Turf History Reviewed

The third and busiest day of the educational portion of the convention was launched with the showing of a sound movie, "Progressive Supts. and Their Practices," filmed by O. J. Noer and Charles G. Wilson of the Milwaukee Sewerage Commission, and with stirring background music by Haydn, Rachmaninoff and others. Topdressing and root pruning were made exciting in this well contrived film which featured actors well known to the audience — supts. from several Chicago dist. clubs, Winged Foot, Denver CC, East Lake, Vesper and several others.

Meeting Chmn., J. L. Jennings, then called on George Lanphear, supt. Knoll-

wood County GC, Granada Hills, Calif., and B. P. Robinson, Birmingham, Ala., agronomist, to summarize progress made in management and research over the years.

Lanphear noted that it is encouraging that supts. have completely gotten away from "hoarding their tricks" as they did in prewar years. He pointed out that even though much has been learned about turf maintenance in the last decade, that doesn't mean supts. know all the answers. He wants to see more secrets uncovered in the construction and maintenance of greens and fairways in arid areas and in maintenance of greens under adverse weather conditions.

#### George Has Some Ideas

In preparing his remarks, it was evident that George allowed himself the luxury of dreaming. He visualizes the day when every man sent out by the manufacturers is an agronomist or engineer as well as a salesman. He foresees the widespread use of growth inhibitor and a chemical that will quickly convert the most reluctant soil to supporting fine turf. Lanphear's best played shot was saved for his concluding remarks: He thinks it is time that the supts. start equipping their shops with small labs, not so much with the idea of driving research men into other fields but to learn even more about a subject they already know quite well.

B. P. Robinson, in outlining turf's chronological progress in the last 50 or 60 years, said that even though the giant steps have been taken in the last decade, there were important stirrings in grass hybridization and selection as far back as 1915. Bermuda, for example, was being separated and nurtured in those days but its widespread use was delayed for nearly 40 years because enough people weren't interested in it.

The '20s, Robinson said, was a period of rather striking progress. Topdressing was getting a rather wide play and most turfmen recognized the advantage of good drainage. The trouble was they didn't have much understanding of compaction and fertilizer rations were on a semi-starvation basis. Several kinds of disease were recognized in this era but the fungicides that would have controlled them were 20 or 25 years away.

#### Warm, Cool Season Panels

Chairman of the afternoon program on the third day was Bill Milne of Knollwood CC, Birmingham, Mich. His roster of speakers included Charlie Danner, Rich-

(Continued on page 60)

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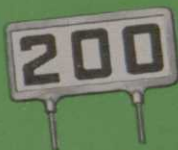
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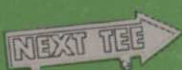
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**GEORGIA:** Atlanta—Evans Implt., Toro & Turf Supply Co.

**ILLINOIS:** Chicago—George A. Davis, Kahn Bros.; Lombard—Paul E. Burdett, Orland Park—Ill. Lawn Equip.; Peoria—W. Ross Lytle.

**INDIANA:** Evansville—Heldt-Monroe, Lawn & Garden Center; Fort Wayne—The Garden Gate, A. H. Heine; Gary—Steel City Lawn & Garden Equip.; Indianapolis—C. E. Griener, Kenney Mach. Corp., Riley's Lawn & Golf Course Equip.

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**LOUISIANA:** New Orleans—Southern Specialty; Shreveport—Gustine's Sales.

**MAINE:** Fryeburg—Jack D. Mansur; So. Portland—Philip R. Yexa.

**MARYLAND:** Baltimore—Baltimore Toro; Bethesda—G. L. Cornell; Garrison—Thomas J. Seibold; Pikesville—A. P. Peckworth; Silver Springs—National Capital Toro.

**MASSACHUSETTS:** Danvers—Sawtelle Bros.; Springfield—The Magovern Co.; West Newton—The Clapper Co.

**MICHIGAN:** Birmingham—W. F. Miller; Detroit—Hiram F. Godwin & Son; Eau Claire—Ferguson & Sons; Grand Rapids—Parmenter & Andre; Lansing—Lorenz Service; Royal Oak—C. E. Anderson Co., Lawn Equip. Corp.; Traverse City—Ferguson's.

**MINNESOTA:** Long Lake—Minnesota Milorganite Co.; Minneapolis—Minnesota Toro; St. Paul—R. L. Gould & Co., St. Paul Toro.

**MISSOURI:** Clayton—Lawrence J. Meisel; St. Louis—Link's Nursery; Kansas City—Robison's Lawn & Golf Course Supply, Turf Equip.

**MONTANA:** Great Falls—Lease's Garden Center; Billings—Reymer Mch. Co.

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**RHODE ISLAND:** Providence—Woodworth Bradley, Inc.

**SOUTH DAKOTA:** Sioux Falls—Dakota Turf Supply.

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**UTAH:** Salt Lake City—Steve Regan.

**VIRGINIA:** Norfolk—Turf & Garden Suppliers; Richmond—Richmond Power Equip. Co., T. W. Woods & Sons.

**WASHINGTON:** Seattle—Bentley & Bentley Co., Ivan Lee, Washington Turf & Toro.

**WEST VIRGINIA:** Charleston—Lawn Mower Sales & Service, Inc.

**WISCONSIN:** Chilton—Horst Eng.; Elm Grove—Golf & Garden Equip.; Fond Du Lac—Hornung's Golf Sales; Milwaukee—R. L. Ryerson Co.

**CANADA:** Burlington, Ont.—Duke Lawn Equip.; Edmonton, Alberta—Burgess Bldg. & Plumb. Supplies; Halifax, N. S.—Foulis Eng. Sales; Kitchener, Ont.—Lauman Golf Supply; London, Ont.—Sprimator Sales & Equip.; Longueuil, Que.—Agri-Tech, Inc.; Moncton, N. B.—Kimac Agencies, Ltd.; Montreal, Que.—Kimac Agencies, Ltd., L. S. Tarshis & Sons; Ottawa, Que.—Kenneth McDonald & Sons; Toronto, Ont.—Golf Course Supply Services, F. Manley & Sons, L. S. Tarshis & Sons; Victoria, B. C.—Power Mower Sales & Ser.; Winnipeg, Manitoba—Consolidated Ind. Ltd.

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**MEXICO:** 18, D. F.—M. G. Sands y Cia, S. A.

## Douglas Gets Jones Award; Ames Re-elected by USGA

John D. Ames of Chicago was elected to a second term as pres. of the USGA at a meeting of golf's governing body held in New York, Jan. 31. John M. Winters, Jr., Tulsa and John G. Clock, Long Beach, Calif., were named vps; C. W. (Gus) Benedict, New York, was voted in as secy., and Emerson Carey, Jr., Denver, treas.

At the New York meeting, the USGA announced Findlay S. Douglas, 84, as winner of the 1959 Bobby Jones award for distinguished sportsmanship, selected the Walker Cup team, and asked the Southern California GA to rescind the local rules it is putting into effect on lost balls, unplayable lies and out of bound situations.

Other highlights of the meeting were announcements that the 1959 Open first prize is being increased to \$10,000 and the total purse to \$40,000, and that the handicap limit for entrants in the 1959 Senior Amateur is being waived.

Douglas was selected for the Jones award by quite a wide margin over Charles (Chick) Evans. He was a finalist in three of the early USGA Amateurs and won the championship in 1898.

## Distribute \$66,000 in National Golf Day Funds

The \$66,000 realized from the seventh annual PGA National Golf Day, played last June, has been distributed as follows, according to Fred L. Riggan, pres. of the National Golf Fund:

Caddie Scholarship .....	\$29,300
Turf Research & Education .....	8,000
Jaycee War Memorial Fund .....	4,400
National Amputee GA .....	5,000
U. S. Blind Golfers' Assn. ....	2,800
United Voluntary Services .....	3,500
American Women's Voluntary Services .....	500
PGA Educational Fund .....	10,500
U. S. Olympic Assn. ....	1,000
GSCA Turf Research-Educational Fund .....	1,000

Net proceeds from Golf Day were \$61,773. These were increased to more than \$67,000 when Indiana Golf Charities contributed \$5,000, two unidentified clubs, \$495, and Udo Reinach, \$200 to the fund. Contributions to welfare and education funds swelled to \$660,000 after this year's proceeds were taken into account.

Riggan was named pres. of the Golf Fund for the eighth time, a position he has held since it was organized in 1952.

# Grau's Answers to Turf Questions



If you've got a question you want Dr. Fred V. Grau to answer, please address it Grau Q&A, *Golfdom*, 407 S. Dearborn, Chicago 5, Ill.

## Professional Advancement

WE HAVE just completed a three-week trip to Seattle, Tacoma, San Francisco, Sacramento, Reno, Salt Lake City, Denver, Omaha and Chicago. All during this trip, ending in Chicago at the greatest GCSA conference and show ever held, we observed the most significant progress in professional advancement since we became associated with course supts. in 1927.

We can not begin to name all those with whom we have talked regarding the advancement of the supt. It is significant that nearly everywhere we go, we are asked to partake of the hospitality of the club and to join in round table discussions with officers, committee heads, the professional and the supt. At these luncheon panels we observe more and more that the professional status of the supt. has been recognized and is respected. Part of this is because the supt. has overcome many obstacles and has provided members with conditions that please them. Part of it stems from the fact that the supt. conducts himself in such a way that the members are glad to see him around the club. It is evident that his standing has become enhanced by his membership in GCSA and by his active participation in local and state affairs pertaining to his profession.

It is inevitable that when a man becomes highly proficient in his work, his services will be in demand by others. Offers of higher pay or chances for greater opportunity may prompt a supt. to move. To fill the gap with a man of equal ability and professional standing usually requires that the salary and other incentives be considerably higher than that paid to the man who couldn't afford to stay. Inevitably, this creates the feeling, "I would have been glad to stay if they would have given me that figure." In most cases, everyone would have been better off had they done so. It must be recorded here that, in some cases, in a misguided effort to "save money", the club fills the vacancy with a "tractor driver" who has had no professional training and who has attained no professional standing. Occasionally it works out all right but not very often. The records are full of mistakes and costly repairs due to incompetence.

We commend supts. who have been training replacements for themselves. It is particularly heartening that the trainee is taken to local meetings and to the annual conference where his education is extended and broadened. In these days of shortages of well-trained men, it is not at all sure that the trainee will stay long enough to take over the position when the supt. retires. Other clubs in dire need may bid so high for his services that he literally will be forced to move. This should bring pride to the supt. who trained him even though it means that he will have to seek another trainee.

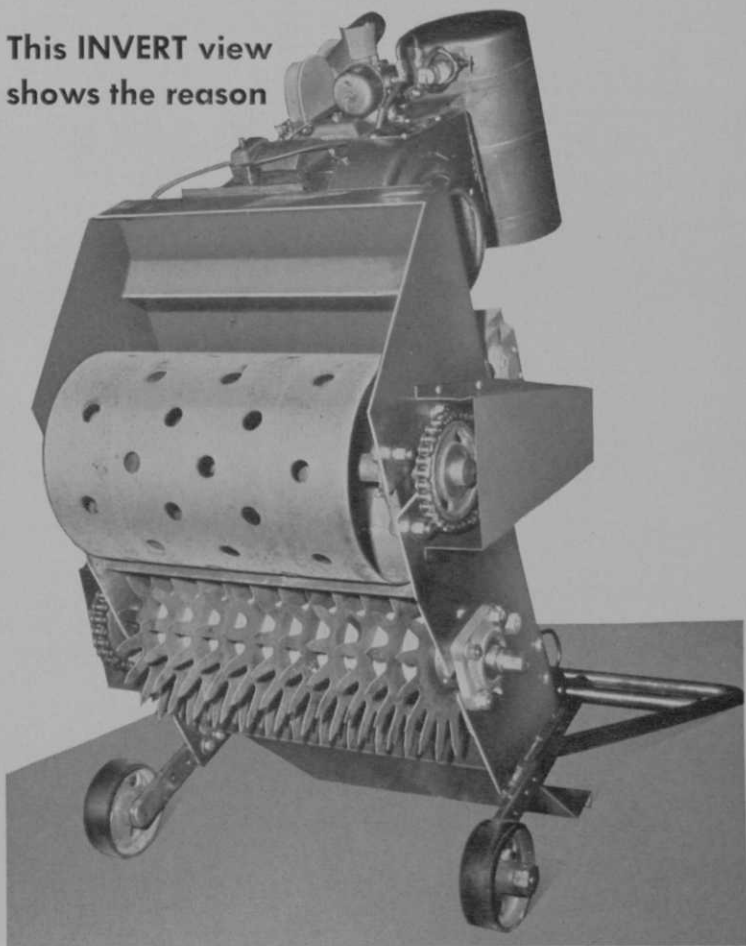
## Nutter Appointed GCSA Executive Director

Appointed to the newly created GCSA position of executive-director in January, Dr. Gene C. Nutter will begin full time duties with the Association in April when its headquarters are to be moved to Jacksonville, Fla. He is presently connected with the University of Florida as an associate professor and turf technologist at the Research Station.

Born in Delaware, O., Nutter attended Ohio State University where he received a B. S. in Agriculture. He did graduate work at the Cornell University Agronomy school, getting his Ph. D. there in 1951. Nutter worked as a research assistant while attending Cornell and joined the University of Florida staff eight years ago. Since that time he has worked extensively on turf research and management problems.

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# *Extend Small Loan Program to Recreation Business*

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The government's Small Business Administration has announced that its business loans program will be extended to ventures in the recreation field. These have been largely barred in the past. SBA officials say that loan applications will be considered for golf courses open to the public, bowling alleys, swimming pools, etc.

All loans will be considered on an individual basis. Loans will not be made to businesses involved in gambling nor to ventures deriving a substantial part of their revenue from sale of alcoholic beverages. Until now, indoor theaters have been the only recreational businesses eligible for loans and these have been confined to repairs and modernization.

SBA business loans sometimes are made when bank or other loans may not be available. The SBA, in some cases, participates with banks or other agencies in making loans to businessmen. All loans made through the SBA carry an interest rate of 5½ per cent.

There are 15 regional and about 50 branch SBA offices, located in major cities. Persons desiring to apply for recreational loans should request the "SBA Business Loan" form.

covering nutrition, variety testing, entomology and related subjects.

For the past several years, the new GCSA executive-director has been conference coordinator and bulletin editor for the Florida Turfgrass Assn.

Married, and the father of three children, Nutter is a World War II veteran, having served with the Engineers in the Pacific as a Tech Sgt. He lists sports and music as his favorite hobbies but confesses, as so many persons close to the golf picture do, that he is not much of a threat swinging a club.

Nutter takes over the duties performed by Agar Brown, who resigned as the Association's secy-treas. in December.

## **Goggin Wins PGA Senior with 284**

With a 284, which was a good young man's scoring under conditions prevailing at the PGA's National course, Willie Goggin, San Jose, Calif., became the 20th PGA Senior champion. Goggin was chased down to the finish by Leland Gibson, Paul Runyan and Denny Shute, who had 285s.

The winner triumphed over a record field of 274 which included 10 of 13 men

who previously had won PGA Senior titles. These included Eddie Williams, who won the veterans' title in 1942, 1945 and 1946 and Al Watrous, 1950, 1951 and 1957 winner. Gene Sarazen won it in 1954-'58.

Goggin got \$1,200 of the \$10,000 prize money put up by William Teacher, Glasgow distiller, and the PGA, the Teacher trophy and expenses covering a trip to Britain this summer to meet the winner of the British PGA's Senior tournament. This event will be played for a Teacher trophy and prize money at Royal Mid Surrey, May 12-14.

The Bourne trophy, which goes to the Senior player, 55 or older, who leads the tournament at the end of the second round was won by Bill Goldbeck, Mt. Kisco, N. Y., who had a 140 at the midway point.

The PGA Senior tournament, Jan. 27 thru Feb. 1, under the direction of Willie Whalen, pres., PGA Seniors and Jack Ryan, PGA Seniors' tournament chmn., was the high spot of a program which included senior-junior competitions, the PGA's Quarter Century Club tournament, the Seniors' annual banquet, entertainment affairs of the Ladies' Auxiliary of the PGA headed by Mrs. Kenneth Milne and U. S. Rubber Co.'s annual Seniors' dinner.

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#### **Record Crowd at Convention**

*(Continued from page 52)*

land CC, Nashville and Gene C. Reid, City Parks Dist., Tucson, Ariz. He also introduced two panels that covered maintenance of warm as well as cold season grasses. Moderator of the former panel was Gene C. Nutter and included L. W. (Sonny) DuBose, Houston CC, Art Snyder of Paradise Valley in Phoenix and Norman C. Johnson of the CC of Florida, Delray Beach. William H. Daniel of Purdue led the discussion for the cool season contingent that included E. F. Johnson, Park Ridge (Ill.) CC, Eberhard Steiniger of Pine Valley, John B. Steel, St. Charles CC, Winnipeg, Can., and Don Likes, Hyde Park G & CC, Cincinnati.

Charlie Danner, the man who gambled with bent and won in Nashville, the first in the South to do so, inferred that other grasses have begrudged him the victory. There's a fairly constant battle against invasion by poa and Bermuda and, of course, the weed and disease menaces are ever present. Bermuda, Danner said, is kept in control by edging and by tip cutting and sweeping. Heavy fertilization is necessary to curb the other sources of

trouble. Wilt, too, is a constant threat that is kept in check, according to the Southern bent pioneer through daily surveillance.

Gene Reid, who oversees municipal courses in Tucson where as many as 75,000 rounds a year, including 8 or 9,000 in each of the winter months, are played on any one of his layouts, pointed out that it is necessary to water every evening and constantly make light applications of fertilizer to keep greens in playable shape. His fertilizer source is local sludge that is reduced to a dust. Aeration goes on thru the summer to get greens into top shape for winter play. Overseeding is started on Dec. 1, and considering the heavy play from this time until Apr. 1, results from it generally are good.

The conclusion reached by the warm season panel was that the South is going to have to pay more for better strains of grasses. Maintenance costs in Florida, Texas and Arizona have increased quite sharply in the past few years and this trend is spreading through the South. Players are becoming more demanding and where a few years ago, they took a vacation from golf in the summer, they now want to play around the calendar. Summer operation, the panelists, agreed is