

# Improve your golf

Indoors or out with the deluxe

*Folda* FAIRWAY  
HOME GOLF COURSE

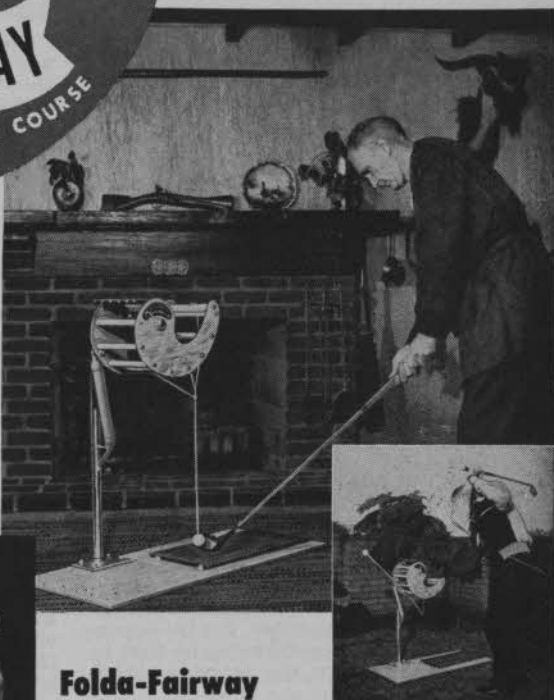
U.S. Patent No. 1971057. Add'l. Pats. Pend.

## professional approval

Famous Golf Professionals the country over enthusiastically endorse Folda-Fairway as the first mechanical device that will positively reduce your handicap and consistently lower your scores.

Available in both left and right-handed models.

**\$32<sup>50</sup>**  
DELIVERED



## Folda-Fairway

Golfdom's Mechanical Marvel! Accurate, Sturdy, Portable, Safe. Engineered, developed and approved by famous pro golfers, Folda-Fairway is a patented precision instrument that makes fun out of practice. Sets up anywhere and by accurately recording distance and direction, converts the faulty swinger into a low handicap stylist. Hit them longer . . . hit them straighter. Groove your swing at home with the sensational Folda-Fairway! Immediately available through your Golf Professional.



*A. E. Peterson Mfg. Co.*

700 Allen Avenue, Glendale 1, California

# Turf Roundup of 1952

By **FRED V. GRAU**

Dir., USGA Green Section, Beltsville, Md.

## (Second Installment)

It is not surprising that a great many greenkeepers and golf course superintendents are puzzled when it comes to making the right choice as to which fungicide to use on their greens at that particular time. There is a wide choice of fungicides, each one of which is being sponsored by the manufacturers and others and certain claims which they have made for that fungicide. It becomes increasingly difficult for the man with insufficient training to make the proper choice. In some cases the right choice was not made and the turf suffered.

Much the same situation exists among insecticides. However, this is not quite so serious as it is among the fungicides. Chlordane becomes almost a universal insecticide for turf. It has been cited before as controlling most of the turf insects except when it is used in connection with some of the newer fungicides which absolutely seem to inhibit the Chlordane and renders it ineffective. This happened in some instances during this past summer, where a certain fungicide was used on the greens the sod webworms were working and three heavy applications of Chlordane failed to affect the sod webworms. The superintendent had to resort to arsenate of lead to control the attack. When this sort of thing happens it even becomes more important for the club management to insist, and to make it possible, for the superintendent to attend conferences so that he can be up-to-date on the latest methods and materials.

Somewhat the same situation exists among the fertilizers. There are many different types of fertilizers on the market, and the lack of awareness of the right use for each of these fertilizers and fertilizer materials is rather astonishing. We find in many cases that the greenkeeper or the superintendent has difficulty in calculating a balanced fertilizer, using common materials on the market. This subject could receive greater attention at schools and conferences and in college courses.

## "Foolproofness" Needed

What is needed more and more in the Turf Management field is more "foolproofness". That is particularly true because salaries and compensation for management in turf are not sufficient to attract men who have sufficient training to be com-

petent in all details. "Foolproofness" is needed in nearly everything — grasses, fertilizers, fungicides, insecticides, and particularly in management such as watering. The Green Section virtually has dedicated itself to this policy.

Its early acceptance and work with the new types of fertilizers that do not burn the turf represents the validity of this statement. The insistence of the Green Section that its member clubs try zoysia in nurseries, especially where they have crabgrass, is another indication that it considers zoysia as one more approach to "foolproofness." It does not say that any one thing is the answer but that certain factors represent a logical approach.

## The Green Section

The Green Section ended the season with a small staff which was incapable of meeting the demands for assistance. Marvin Ferguson's leave of absence expired and he decided to give the Texas Turf Program a lift. Charlie Wilson opened the West Coast Regional Green Section Office at Davis, Calif. We tried to stem the tide and also to keep ahead of the maintenance on nearly five acres of experimental turf. Many calls for assistance had to be refused. Phone calls in the office were incessant as a result of publicity on grasses, soil conditioners, clover, weed killers and fertilizers. The word "miracle" was applied too loosely to too many things, resulting in the deluge of calls and letters.

During May we had 26 days of rain at Beltsville. Following that we had drought and heat. Unadapted grasses "folded their tents" and let crabgrass and goosegrass have the field. Chinchbugs, sod webworms, cutworms, and beetle grubs took their toll. The only plots that remained in near-perfect condition under all heights of cut were the warm season grasses, alone and in combination with cool-season grasses. Our faith in The Combination was re-affirmed each day of the year. Now on October 10, the zoysia-Merion combinations are as close to perfection for lawn and fairway use as one could wish. The loss of color after heavy frosts will be scarcely noticeable. Playing conditions are excellent at all times.

We are certain that our success will

## 1953 TURF CONFERENCES

- Jan. 6-7 — Mid-Atlantic Association of Golf Course Superintendents and University of Maryland, Lord Baltimore Hotel, Baltimore
- Jan. 9 — Central Florida Lawn and Turf Institute Meeting, Mount Dora, Fla.
- Jan. 19-23 — One-week Short Course in Turf Management, Rutgers University, New Brunswick, N.J.
- Feb. 8-13 — 24th Annual Turf Conference and Show of Golf Course Superintendents Association of America, The Ambassador, Atlantic City, N. J.
- Feb. 16-19 — Turf Conference, Pennsylvania State College, State College, Pa.
- Feb. 24-26 — Cornell Turf Conference, Cornell University, Ithaca, N. J.
- Mar. 2-3 — Turf Conference, Midwest Regional Turf Foundation and Purdue University, West Lafayette, Ind.
- Mar. 9-11 — 19th Annual Superintendents and Turf Assn. Short Course, Iowa State College, Ames.
- Mar. 11-13 — Minnesota Short Course, Curtis Hotel, Minneapolis, Minn.
- Mar. 13-14 — Michigan Golf Turf Conference, Michigan State College, East Lansing.
- Apr. 22-23 — Southeastern Turf Conference, Abraham Baldwin Agri. College and Georgia Coastal Plain Experiment Station, Tifton, Ga.
- Oct. 21-23 — Central Plains Turf Foundation Conference, Kansas State College, Manhattan, Ks.

not be shared by others for some time to come. Some feel that it is too much to expect for two grasses to live together in harmony. That, of course, will develop more research to determine the "yes" or "no" of that question. We only say that, since we have been so successful in producing nearly "fool-proof turf" at Beltsville, we should like to see others try it in a small way in nurseries and in research plots to learn if it is practicable and feasible elsewhere, and to determine its practical limitations. The Mid-Atlantic Association of Golf Course Superintendents has begun to act upon the results at Beltsville and we are seeing more and more plantings of the better warm-season grasses on golf courses in the area.

We were disappointed to be obliged to cancel the National Turf Field Day but it was unavoidable. With such strong Field Days at cooperating experiment stations the loss is softened. We hope that some day soon we can resume full-scale operations again.

The Green Section's place in developing "Operation Zoysia" at the Fairfax Country Club in cooperation with the Mid-Atlantic Association of Golf Course Superintendents is indicative of one of the types of services which the Green Section is offering to all golf course superintendents' associations in the country.

The Green Section will announce in a more detailed write-up in the Golf Course Reporter how golf course superintendents' associations can cooperate with the Green Section in developing their own "Opera-

tion Zoysia" in the winter and spring of 1953. The Green Section has seed of an improved zoysia and also the information on how to handle this seed to obtain the best results. Enough seed will be made available to each cooperating golf course superintendents association to plant one acre of zoysia on a fairway which will be selected by the association itself.

At the Fairfax Country Club in April 1952 it required approximately 83 man hours to plant one acre of zoysia, using the Aerifier equipped with inch spoons and hand-planting individual Z-73 zoysia seedlings, as described in the USGA Journal for June. One of the projects discussed between the Green Section and the Mid-Atlantic Association of Golf Course Superintendents for 1953 is the machine planting of an entire fairway using zoysia seedlings. This may be the next step in the cooperative effort established so successfully here in the Mid-Atlantic area. Already the Green Section has arranged for a transplanting machine, and plans are being made to grow the needed seedlings in the greenhouse at Beltsville.

Another step in cooperative effort is being made in the Midwest. Dr. William Daniel will be supplied with enough Z-73 seed to plant sufficient seedlings in the greenhouse at Purdue to supply 100 seedlings to each USGA member club and to each member club of the Midwest Regional Turf Foundation. These hundred seedlings will be sufficient to plant a plot 10 ft. x 10 ft., or 100 sq. ft., into either a clean seedbed or into an existing fairway

so that the many clubs can evaluate, under their own conditions, the place, if any, of zoysia in their program. As long as the seed supplies of Z-73 hold out, the Green Section will make the same offer to other regional turf associations or to agricultural experiment stations that will be willing to raise seedlings to distribute a hundred each to the USGA member clubs and others in their state or region.

In 1952, by virtue of a lack of personnel, the Green Section was unable to continue the leadership in the National Coordinated Turf Program in crabgrass control and disease control. Dr. William Daniel was selected to coordinate the National Crabgrass Control trials and Dr. John Vaughn of Michigan was nominated to conduct the fungicide program.

In an effort to reduce the turf program at Beltsville to a size where one man can handle it, much of the work is being concentrated into one small area where the combination of zoysia and Merion bluegrass will be studied from the standpoint of management and fertilization, to determine what type of management is necessary to maintain a balance between these two excellent and well-adapted grasses. Some attention will be given to establishing a putting green that requires little or no irrigation. It remains to be seen whether or not a project of this kind is feasible, but in our case it becomes a necessity. Already some of the Government Services in and around Washington are asking how that can be done. It appears as if many 9-hole courses over the country are in need of some type of putting green grasses that can survive and give reasonable good putting surfaces with less attention. The seemingly increasing need for fungicides, insecticides, herbicides, and detailed management renders high-class putting greens out of the picture for many low-budget clubs.

According to the present plans of the USGA, additional Regional Green Section Offices will be established at the opportune time. Trained personnel will be needed for these offices, and funds must be secured in order to maintain them. The plan of these regional offices is to work with existing groups and organizations and to expand further local, state and regional developments. It is not the intention of the Regional Green Section Offices to replace or to displace any existing services but rather to try to harmonize the various elements that enter into the development of Turf Management programs over a wide area.

#### **Powered Caddie Cart**

In San Antonio, on September 30, professional golfers Babe Zaharias and Betty Dodd played the 19-hole Brackenridge Course in exactly 45 minutes. Instead of taking 3 hours to play with conventional

"shank-a-mare," they rode on an electric carrier—a powered caddie cart—which got them around in three-fourths-of-an-hour. The scores were 75 and 74, respectively. Superintendents and green committees everywhere might just as well accept the fact that power caddie carts are on the way.

Instead of fighting this development in golf and trying to legislate against the use of powered caddie carts on the grounds that they will ruin the turf, it would be wiser to establish research to learn how to grow turf in spite of them. Powered caddie carts are going to enhance golf, particularly among those who would not play golf because of the time involved or because of physical handicaps. I, for one, shall appreciate the time when I will be able to play more golf and will be able to tour the course on a power caddie cart because no longer am I capable of walking the 18 holes in company with those who are younger and more active.

#### **Crabgrass Control**

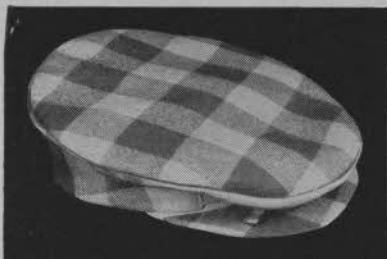
Chemical control of crabgrass more and more is being regarded as only one of the tools in the development of turf that is able to keep crabgrass out without chemicals. Perhaps the greatest strides in this direction have been taken at the Beltsville Turf Gardens, where combination zoysia-Merion bluegrass turf has been in existence for the longest period of time. It was here that the idea was developed for the combination turf, primarily because it appeared to offer a solution for many who are not able to use chemical controls satisfactorily.

In several cases hundreds and even thousands of 2-inch plugs were taken from the combination turf and replanted in other areas such as experimental plots and on golf course tees and fairways. The holes left by the plugging operation were filled with field soil that was loaded with crabgrass and goosegrass seeds. It happened exactly as one would expect. Crabgrass and goosegrass in June and July germinated and grew luxuriantly. However, within a short time that luxuriant growth was severely checked by the growing zoysia and Merion bluegrass. The competition of the good turf grasses was so great that it forced the weed grasses upright and mowing clipped off the tops. In less than one growing season, the crabgrass and goosegrass that were intentionally seeded into this turf have been knocked out of the picture by the strong growth of the turf grasses.

This indeed is progress! It represents the long-range approach to crabgrass control. Chemicals always will be a help but they will be only one of the tools in the long-range turf management program.

**(To be concluded in February issue)**





**NO. 1208** New in design . . . smart in style. A snap-down cap in choice of three checked-pattern color combinations. Tropical weight, extra full crown, acetate Rayon lining, breeze-way front of white Nylon-Rayon net. One size with concealed adjusting strap meets all size requirements.



**NO. 475** Tennis visor, the famous Wimbledon model, in white Twill . . . a long time favorite on both the courts and fairways. Easy size adjustment with nickel slides. Padded forehead band, visor green underlined.



**NO. 440** Made in white, tan, red, green, and navy Twill with airflow sides of white mesh. Visor with green underbrim in white cap, self-underbrim in other colors.

# Congo

## SUNSHINE HEADWEAR FOR MEN, WOMEN and CHILDREN

"Fashion-firsts" for under the sun comfort. Models for men, women and children . . . quick sellers, every one. All numbers in three adjustable sizes with elastic back unless otherwise stated.



**NO. 438** Made in smart shades of Twill . . . tan, red, green, navy, and white. Visor with self-underbrim except white which has green underlining.



**NO. 701** A Congo exclusive, fashioned with extra shading visor in front and on sides . . . protects face and ears from blistering sun. Water-repellent Poplin in tan, red, green, and natural.

Write for information on complete line and name of nearest jobber  
**THE BREARLEY CO., ROCKFORD, ILL.**  
"Why Under The Sun Don't You Wear One?"

# Smith Re-elected at Busy, Peaceful PGA Meeting

Horton Smith, Detroit (Mich.) GC was re-elected pres., PGA of America by unanimous vote of the 62 delegates and 10 officers at the organization's 1952 annual meeting. Also re-elected for second terms were Sec. Harry Moffitt, Heather Downs CC, Toledo, O., and as treas., Harold Sargent, East Lake CC, Atlanta, Ga.

New vps elected are Charles Vittitoe, Lexington (Ky.) CC; Dave Bonella, Otumwa (Ia.) CC; James Fogertey, Sunset CC, Sappington, Mo., and Dave Douglas, Newark, Del., co-chmn., PGA tournament committee.

With none of the political disturbance which featured PGA conventions prior to the adoption of the two consecutive one-year term rule by the national PGA the convention was able to apply itself strictly to business. Decided progress for the past year was reported.

Among business matters receiving attention was increase of annual dues; \$10 for Class A, Jr. A, B and C members; \$5 for Class D members and \$2.50 for Class H members. The PGA Seniors' championship, to be played at Dunedin, Fla., the week of Feb. 12, received a grant of \$4000. Plans were made to handle and develop the championship as a major event.

Tom Crane, for 10 years Executive Sec., PGA, was given a new 3-year contract. Harold Adams was made asst. executive sec., replacing Vic Trauscht, resigned.

A vote of 33 to 32 expressed delegates' and officials' opinion in moving PGA headquarters from Chicago to Dunedin, Fla. No official action was taken on the change as decision is to follow extensive study of financial and other factors involved.

The association decided not to change the manner of conducting the PGA championship at Birmingham (Mich.) CC. As forecast by GOLFDOM, Tamarisk CC, Palm Spring, Calif., bid for the 1954 PGA championship. Oakland Hills CC, Birmingham, Mich., and Sea Island (Ga.) Club have expressed interest in receiving the 1955 Ryder Cup matches.

PGA voted to again be co-sponsors, with Life magazine, of National Golf Day

with the probability that this year's event will be on two days; one for men's nation-wide competition and another for women.

The PGA Relief Fund, in its second year reported contributions of \$9,060.94, including \$4000 from the National Golf Fund.

Procedure was agreed on to more strictly screen applicants for tournament playing privileges.

## To Push Uniform Handicaps

The PGA also discussed cooperation in advancing the USGA plan to establish uniform handicaps throughout the U. S.

A meeting with the manufacturers dealt with routine business. Sessions were held between representatives of 23 tournament sponsoring organizations, PGA officials, Advisory committee members and PGA Tournament committee members for discussion of mutual problems, chief of which continues to be getting top name players to appear. Many dates were set and the PGA arranged to announce summer circuit dates without waiting until after the Masters'.

A new committee for Golf Course Development, headed by Graham Ross and Lou Bola, was appointed to work with the National Golf Foundation in getting more golf courses established.

The Teaching and Educational committee planned to considerably expand its program for improving golf instruction.

The Hall of Fame committee was revived with Tom Walsh as chmn.

Among the reports of substantial improvement in the association's operations was that concerning the PGA National course at Dunedin which is beginning to show signs of attaining condition that will enable the PGA to present it without embarrassment as an example of pro operation.

No financial report of PGA operations was released in the USGA manner of informing all members and the golfing public of the dollars and cents score of the PGA but it was agreed by delegates that Treas. Harry Moffitt and other officials had continued their canny job of get-

ting the organization in good financial condition.

The Educational committee program put on by Chmn. George Lake was excellent although it came at the finale of the convention when many delegates had left for home. The program was tightly crowded with profitable features. There was some discussion about extending the Educational committee's part of the show at the 1953 convention as the tight schedule hasn't permitted deserved balance in the PGA's annual meeting.

The Educational program is covered elsewhere in this issue of GOLFDOM.

### **Plein Elected Mississippi Valley Supts. Chief**

Mississippi Valley Golf Supts. Assn. has elected its officers for 1953 as follows:

Pres.—Clarence Plein, Lakeside Golf Course, 1139 Hilltop Drive, Olivette 14, Mo.

VP.—A. C. Longheinrich, Sunset CC, R.F.D. No. 14, Box 2490, Afton 23, Mo.

Secy.-Treas.—Robert V. Mitchell, RFD No. 1, Alton, Ill. Box 65.

Executive Board—Joseph F. Lammert, August Schnatzmeyer, and Elmer Wagner.

### **MAINTENANCE BUDGET**

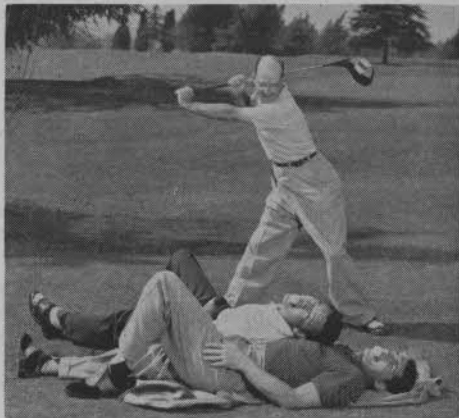
*(Continued from page 30)*

active season by any superintendent when balanced against the standard for hours per day or days per week prevailing would show a credit for overtime which, if compared with the off season time the superintendent is supposedly utilizing by doing nothing, would bring to light a picture a little surprising to most people.

The following point is probably the least understood or appreciated of the many values attached to or that accrue to a golf course superintendent who is employed for twelve months of the year and whose term of employment is, and is expected to be, uninterrupted through the years. Experience will bring to such a superintendent a broad knowledge of the innumerable factors affecting the happy operation of his club that no other man anywhere can hope to equal. His knowledge and ability as applied to the course cannot be equalled by anyone. Aside from turf maintenance he will know so much more than anyone else about the external property of the club that it will be most unwise for the club to plan any major changes of relocation or construction without first finding out from the superintendent such vital information as the location of water lines, sewerage disposal systems, underground electrical installa-

tions or soil conditions as well as drainage or accessibility of marginal pieces of club property. The full and complete information that accrues to a superintendent after a few years experience is amazing. All of it valuable to the club and some of it can save a club much money.

### **HAZARDS IN "INSANE OPEN"**



In preliminary antics of Paramount's forthcoming Martin and Lewis picture tentatively titled "The Caddie" Harry Cooper tries one of Paul Hahn's trick shots with Hahn and Dean Martin as victims.

### **Court OKs Munny Course Racial Segregation**

Special Federal Judge Robert N. Wilkin at Nashville, Tenn., recently denied a motion for summary judgment seeking to force Nashville to permit Negroes to use municipal golf courses. He also held that the city must provide equal and adequate facilities for those Negroes who wish to play golf.

Nashville city council has authorized sale of \$40,000 in city bonds to finance construction of a golf course and recreation center for Negroes.

Judge Wilkin said, "This court concludes that segregation itself (where legal rights are unaffected) is not unconstitutional or unlawful; that it is a natural tendency which in the progress of man's political, social and spiritual evolution may change or disappear; but that it would be inexpedient and unwise to attempt to prevent or prohibit it (or enforce unrestricted association) by judicial decree."

The judge is a native of New Philadelphia, O. and served on the federal bench for the northern district of Ohio in Cleveland before retiring in 1949.

## Maxwell Rated Muskogee, Okla., His Toughest Course

Perry Maxwell, noted golf architect, who died in November at Tulsa, Okla., at the age of 73, following a long illness, said the Muskogee (Okla.) CC course was toughest of the 75 he built, although Oakmont (Pa.) CC was the toughest course he ever saw. Maxwell came into golf architecture from the banking business at Ardmore, Okla., when he designed the Dornick Hills course at Ardmore. He was associated with designing of Pine Valley, alteration of Augusta National and rebuilding of 50 other courses.

Maxwell declared the Southern Hills CC course at Tulsa was one of the most beautiful he'd built and that Southern Hills' 12th was the most testing he'd designed.

Maxwell was internationally famed as an architect and was a strong influence in developing a distinctively American type of course. He loved golf and was one of the most interesting and pleasant men in the game and business.

## 42 YEARS ON JOB

George Gordon, 42 years pro at Wannamoisett CC, Providence, R. I., took bows recently in acknowledging greetings his club and its famed guests sent to the party given him on the eve of his 69th birthday.

George came from Scotland in 1911 and went to the job where he's served as a friend and tutor to thousands.

## Midwest Turf Meet at Purdue, March 2-4

Midwest Regional Turf conference will be held at Purdue university, LaFayette, Ind., March 2, 3 and 4. Wm. H. Daniel, exec. sec., Midwest Turf Foundation and in charge of turf research and extension at Purdue has arranged a valuable program which will begin at 10:30 March 2 with a tour of Purdue's new greenhouses.

Registration fee is \$10. Reservations should be made direct to Lafayette hotels.

Among subjects and speakers will be: "Soil Moisture Relations Under Turf" by Dr. J. R. Watson; "Nitrogen Fertilizers—How Much? Where?" by H. B. Musser; "Industry and Today's Turf" by W. H. Daniel; "What Soil Testing Can Do for You" by O. J. Noer; "Putting Grass Roots to Work" by George Gries; "Modern Turf Maintenance" by Fred V. Grau.

March 4 sectional meetings will be held

for supts. of private and public courses, supts. of sports and recreational fields, and for cemetery supts., nurserymen and those interested in industrial and home lawns.

The golf course sectional meetings have programmed treatments of major phases of construction and operation.

## Cleveland Host to Managers' Convention, Feb. 8-11

Club Managers Assn. of America will hold its 26th annual convention at Hotel Cleveland, Cleveland, O., Feb. 8-11. CMAA Pres. Page Curran; Bill Tinkoff, pres., Cleveland chapter; Hans Rawe, chmn. of the convention committee of Cleveland managers; and other national and local officials forecast the largest convention the organization has had.

Emphasis is placed on the educational phase of the program with the country club managers in their sectional meetings scheduling addresses and discussions on numerous subjects of urgent importance. Methods of meeting rising operating costs without sacrificing club standard of service, club events and publicity to increase the use of the clubs, modernized uniform accounting, labor problems, tax matters, building, remodeling and furnishing problems and adjustment of operations to get family appeal as a highly satisfactory investment of members' money are among subjects slated for expert attention.

## National Golf Day Set for May 23

The PGA-Life magazine nation-wide tournament established as National Golf Day last year with participants paying \$1 and competing on their club handicaps against Ben Hogan playing Northwood at Dallas, May 31, is to be repeated this year on May 23.

Announcement of the date was made early so clubs could get the event scheduled in their 1953 calendars. Probability is that entrants will be playing against the round Julius Boros plays at Oakmont that day; Oakmont being the course of this year's National Open.

Last year 14,667 people from 2,114 clubs "beat Ben Hogan." More than \$80,000 was raised with 50% going to the USO and 25% thus far being distributed among worthy activities in golf, mainly caddie, military veteran and indigent pro needs.

No definite announcement has been made about setting a special day for a special nation-wide women's event although such plan is under consideration.



## NEW BAG FEATURES SEAT



Sit-N-Rest Golf Bag Co., 2409 A W. Clybourn st., Milwaukee 3, Wis., has a new durable lightweight duck bag, with two sturdy hardwood supports joined at the base and held together at the top by a heavy-duty padded seat strap which also serves as the shoulder strap for carrying the bag. Strap is adjustable to desired seating height.

Yardley Plastics Co., 142 Parsons ave., Columbus 15, O., issues new folder giving details of its lightweight flexible pipe, adapters and couplings. Yardley pipe is being used with high satisfaction on course watering installations.

## DBA'S NEW BALL WASH FORMULA CONTAINS RUST PREVENTATIVE

Manufacturers of the original DBA Liquid Lustre golf ball wash announce an improved formula with a faster cleansing action containing a rust preventative harmless to paint which works efficiently in either hard or soft water.

The improved wash produces a concentrated cleansing action that cleans golf balls faster and adds new luster when used. The wash contains no harmful chemicals injurious to hands or clothes or the golf ball cover. Freezing point of the DBA ball wash is 35 degrees, an important factor in early spring and late fall play. Water need be added only three times a week, an added saving in service time. Full information and prices from DBA Products Co., 749 Deerfield Road, Deerfield, Ill.

## FER-MEL LIQUID FERTILIZER EXTENDS MARKET FROM N. E.

Fer-Mel water soluble fertilizer, made especially for application with power sprayers, is extending its marketing area nationally now after successful use for 3 years in southern New England.

The material was put on the market by the Mamlon Co., 1089 Whalley ave., New Haven 15, Conn., in 1950, with special attention being given to golf course turf and tree use. Results made it possible to secure distribution through golf course supply dealers throughout the U.S.



WHEN YOU FEEL FIT TO BE TIED,  
OVER A SHOT ON WHICH YOU TRIED;

BREAK LOOSE A SMILE, IT'S ALL IN FUN,  
YOUR NEXT SHOT MAY BE A HOLE IN ONE!

Golfer's Gopher,  
Davie Divot...

It is packed in 50 lb. paper bags with an inner plastic bag.

### PHILLY SUPTS AND GUESTS MEET AT WEST POINT, PA.

For the 4th consecutive year the Philadelphia Golf Course Supts. Assn. held its regular December meeting in cooperation with West Point Products Corp. Superintendents assembled at the West Point Products plant in the morning. A new machine for removing thatch from turf



West Point's new machine for removing thatch.

areas was demonstrated, and superintendents expressed agreement that it would be valuable on greens, tees and nurseries. It was the general opinion that the tool would be highly useful on bermudagrass turf, too. The New Junior G-L model Aerifier also was demonstrated.

Following the outdoor demonstrations, the group had lunch in West Point. Charles Hallowell, Philadelphia County Agent, presided over the afternoon educational session. Tom Mascaro, of West Point, showed slides of all the golf courses in the Philadelphia area, and the superintendent of each commented on the work he is doing.

Alec Strachan, Supt. of Old York Road CC, spoke about the golf courses he saw on his recent trip to Scotland.

Strachan stated that compaction was a major problem on these golf courses. The soil still needs attention even though the climate is excellent for growing grass.

Eb Steiniger, Supt. of Pine Valley GC, reported on his work with cool-season and warm-season grasses. He is well pleased with results of dyeing bermudagrass to make it more attractive for wintertime.

Al Radko, representing the USGA Green Section, invited the Philadelphia Superintendents to take part in a zoysia planting project. The Green Section will provide the association with enough seed

to grow vegetative material to plant an acre of fairway turf on some golf course in the district.

Bob Shields, Supt., Suburban CC, Baltimore area, reported on the cooperative zoysia planting project of the Mid-Atlan-



Superintendents watching demonstrations of West Point products.

tic association. Each superintendent brought one or more helpers and they all worked together to plant sprigs of zoysia in the holes made by an Aerifier.

Jimmy Thomas, new president of the Mid-Atlantic Association, invited Philadelphia superintendents to attend the Mid-Atlantic Association's Silver Anniversary meeting.

The openhouse meeting was attended by 82 superintendents and others interested in turf.

### CHIPPER AND STRATA-LINE PUTTER NEW IN WILSON LINE



A new chipper, with short True Temper chrome-plated shaft, extreme goose-neck design and heavy flange sole has been added to Wilson and Hagen lines. The chipper was introduced last summer and swung into considerable business at pro shops where it was given smart display as a specialty club to save strokes. Sales have been excellent at winter golf resort shops.

Patty Berg is holding the new chipper and another Wilson club that's selling very well; the Strata-line putter with Strata-Bloc head.