Every year, more clubs are realizing the many benefits to be gained in sending their greenkeepers, at the clubs' expense, to at least one of the several educational schools for greensmen held annually at leading colleges and universities.

The marvels the nation's greenkeepers have done in maintaining courses in fine shape even in the face of sharply reduced budgets can be attributed in no small part to the amount of good greenkeepers and course workers have gotten out of these annual educational sessions. GOLFDOM strongly urges club officials to arrange for the attendance of the club greenkeeper at one or another of the short courses and conferences yet to be held before the start of the 1939 playing season. Such investment will be more than repaid in better course operations in the seasons to come.

Indiana's second annual greenkeepers conference will be held January 17-18 at Purdue University, West Lafayette, Ind.

Officials of the Indiana Greenkeepers' Assn., with the Indiana PGA and the Indiana Golf Assn. have worked together in mapping the program, and greenkeepers, pros and club officials of the state have been invited to attend.

The conference will cover subjects pertaining to the maintenance and management of golf courses, and the various subjects will be discussed by men of national prominence in their field. Dr. John Monteith, Jr., USGA Green Section, and Prof. George McClure, Ohio State University, are among the speakers to appear on the program. Prof. G. A. Young is to be toastmaster at the banquet to be held Tuesday evening, Jan. 17. Inquiries should be addressed to M. L. Clevett, Field House, Purdue University.

Complying with the request of the Mid-Atlantic Assn. of Greenkeepers, the University of Maryland, at College Park, Md., is offering a short course for greenkeepers, to be held January 25, 26 and 27, 1939. Such a course has been discussed from time to time by the Mid-Atlantic greenkeepers and finally last year Pres. O. B. FITTS appointed a committee to take the matter up with the authorities at the University of Maryland. As a result plans were made for the first greenkeepers' short course to be held in Maryland.

Speakers will include Professors R. P. Thomas, J. E. Metzger, F. S. Holmes, W. B. Kemp, J. B. S. Norton, R. W. Carpenter, S. S. Steinberg from the Univ. of Md.; J. S. Houser, Wooster, Ohio; John Monteith, Jr., USGA Green Section; Fred V. Grau, Penn State College; O. J. Noer, Milwaukee; and C. H. Hadley, U. S. Dept. of Agriculture. The program will close with a dinner at a Washington hotel.

The course is open to all; greenkeepers and others interested in turf from outside the state are welcome. A registration fee of $3 will cover all university expenses for the three-day program. Those who have not already registered will be able to do so at the time the program opens at the Horticultural building of the university.

Further information concerning the course can be obtained by writing Prof. Ernest N. Cory, Director of Course, College Park, Md.

Eleventh annual short course in turf maintenance at Rutgers University College of Agriculture, New Brunswick, N. J., will be held Feb. 13-18. Subjects to be covered include soils and soil management, drainage, turf, plants, insect pests, diseases, seeds, fertilizers and lime, and methods of management.

Tuition is free, but there is a $5 fee for registration and a $1 fee for lecture outlines. For applications and further information, write Prof. Frank Helyar, Director of Resident Instruction, Rutgers U., New Brunswick, N. J.

Eleventh annual Fine Turf Conference at Pennsylvania State College, State College, Pa., will be held February 22-24. H. B. Musser, associate professor in experimental agronomy at the college, and general chairman of the conference, has lined up an outstanding speaking program which will include Fred V. Grau, J. R. Haswell, S. V. Peterson, J. W. White, Earl Moffit, C. C. Wernham, H. N. Worthley, and J. O. Pepper.

Attention will be centered on the techni-
cal phases of greenkeeping at this year's conference, rather than instruction in elementary soil fertility and related subjects. Sessions of the conference will be held in the Nittany Lion inn on the campus. For further information, write H. B. Musser, State College, Pa.

IOWA State college's annual greenkeeping short course will be held February 28-March 1. S. W. Edgecombe, Extension Horticulturist, is general chairman of the two-day course to be held at Ames, Ia.

Speakers and their subjects are: Dr. L. E. Haseman, Missouri State Entomologist, who will speak on "Canker-worm Control in Shade Trees and Control of the Various Borer Types of Insects;" Dr. H. B. Musser, associate professor in experimental agronomy at Penn State college, whose subject is "Soils in Relation to Greenkeeping;" Dr. John N. Martin, ISC, who will give a talk illustrating how grass plants make their food, take in water, etc.; E. P. Sylwester, ISC, on "Control of Weeds in Fairways," and Prof. H. W. Richey, of the ISC department of horticulture, who will speak on "Pruning Shade Trees and Shrubs."

Panel discussions will be held following the speaking programs both days. Additional information on the course may be obtained by writing S. W. Edgecombe.

GREENKEEPING short course at the University of Wisconsin, Madison, will be held March 6, 7, 8, although officials may decide to start the course one day later. Prof. James G. Moore of the U. of W. agricultural college is planning the program for the course, which as yet has not been announced.

 MASSACHUSETTS State college's 13th annual school for greenkeepers is now in session, having gotten under way January 3, and will conclude with an exhibition show from March 10-12. Prof. Lawrence S. Dickinson was the founder and director of this course, the oldest of its kind in the country.

The course this year has been divided into two terms of five weeks each. A student can take the first term in 1939 and the second in 1940 or later, but no certificate is awarded until work is completed in both terms. In addition to regular Mass. State college staff members, Prof. Dickinson will be assisted by Carleton E. Treat, veteran greenkeeper.

Buffalo Muny Course Gets Modern Watering System with WPA Aid

INSTALLATION of an extensive sprinkling system costing approximately $55,000 has been completed at Grover Cleveland Park public golf links, Buffalo, N. Y., under a project operated by the WPA and sponsored by the Buffalo Municipal Parks department. This golf course, located north of the city limits, was formerly the privately owned Buffalo CC.

The golf course proper occupies 120 acres and is an 18-hole links with a 70 par.

Eighteen greens, fairways, and tees plus one practice green have received the benefits of this new sprinkling system. Buckner fairway valves were installed on all fairways. Eighteen sprinkler heads, 18 gate valves and 18 pop-ups, one for each tee, were installed.

A pump house 14 by 18 also was built and equipped with a double suction centrifugal pump connected through a flexible coupling to a motor of ample size and having 50 h.p. This pump has a capacity of 500 gal. per minute. This capacity was necessary to feed the extensive system of pipe lines laid by the WPA.

Statistics dealing with the project of installing this sprinkling system reveal that its estimated cost was $54,424, of which the Federal government allocated $33,224 for relief workers' wages and $8,400 for equipment costs, while the city of Buffalo sponsored the work at a cost of $12,800 for materials.

Total steel pipe placed in the grounds amounted to 20,420 feet, costing more than $35,000. The WPA excavated 1,955 cubic yards of earth and cared for backfill, costing $8,707. Five hundred cubic yards of rock excavation were necessary, costing $2,395. Two hundred and seventeen sprinklers were installed on the course at a cost of $2,743. Grading and seeding of 7162 square yards of land cost $4,435. The new pump house of concrete cost $950 and electric service lines and wiring cost $875.

Original plans for pipe laying contained the following specifications: 1,800 feet of 6" galvanized pipes; 3,700 feet of 4"; 5,000 feet of 3"; 2,600 feet of 2½"; 1,600 feet of 2½; 200 feet of 1½; 7,200 feet of 1¼" and 150 feet of ¾ inch. After the original plans were drawn and the task almost completed it was found essential to add 1,000 feet more of pipe lines.
SENIORS FROLIC AGAIN!

By HERB GRAFFIS

Augusta Host to Fifty Pro Oldsters at December Reunion

WHO the champions were at the second annual tournament of the PGA Seniors really didn’t matter a great deal, even to those whose well-labored muscles still retained cunning. What was paramount with the lads was the jolly spirit of the reunion and the informal rededication of themselves to the principles of conduct and thinking they’ve always had, and which have been responsible for making golf this nation’s most popular participating game.

Almost 50 of the 240 qualified for PGA Seniors’ membership assembled at Augusta, Ga., Dec. 6 to take part in the organization’s annual tournament over the Augusta National course, and the meeting and banquet. Rain on the scheduled opening day threw the playing program back a day. Freddie McLeod and Otto Hackbarth tied at 154 for the regulation Seniors championship distance, and Fred won the play-off.

Teams of Fred Miley and Dave Livie, and of Jim West and Tom Clark, tied at 71 for best-ball honors in the curtain raiser of the play.

George Sargent, for 7 years president of the National PGA and winner of US and Canadian National Open championships, was elected president of the Seniors, succeeding Grange Alves. Alves was unable to attend the second meeting of the organization, due to illness. Dave Ogivile, Sr., was elected vice pres.; Capt. Charles Clarke, sec., and Val Flood, re-elected honorary pres.

Competition in the individual medal play was in three age classes: A—60 years and over; B—55-59; C—50-54. A pro must be 50 years of age and have been in pro golf 25 years to become eligible for Seniors’ membership. In no other active sport could such an assembly of veteran talent be presented in playing, and this factor is so generally impressive that Senior pros whose youthful looks belie their years, take a proper lot of glory in their tournament.

The annual meeting of the organization was not held behind closed doors, so an opportunity was given to fully reveal the policies and personalities of veteran pros who have not only established golf on a firm basis in this country but who have been leaders in the entire recreational program of the nation. O. B. Keeler, noted veteran golf writer of the Atlanta Journal, lauded the veteran pros at their annual meeting. Keeler, as well as other sports

THE OLD GUARD’S GLORY

by Herb Graffis

When the hair upon your aging head is getting thin and white
And the hours of your golden day are edging toward the night,
You’re no longer keeping records in the former even fours,
But in the kids you’ve taught the game you’re placing future stores;
You can sigh in deep contentment and pair up with Father Time
And can bank a wealth of memories if you haven’t got a dime.

You can laugh about the laddies that you played with long ago
When you could slam that gutty ball and really make it go,
You can rest those weary feet that trod those fairways hard as bricks
And recall those feats of yesteryear when your putter did its tricks.
Then, better off than most of men, you can think of your life’s game
And decide if you’d another chance, you’d handle it the same.

Your heart looks at the calendar and says;
"It can’t be true
That I have reached the time of life when my victories are few,
For the scorecard that I’ve played by is not that simple thing
That registers the putts that sink or the drives that gaily sing,
The score that Life has marked for me, won a title I’ll defend,
It showed me a star at shooting straight and I’m champion to the end."
(Recited by Tom Walsh at 1938-Annual PGA Seniors Dinner at Augusta, Ga.)
The Professional who sells this line of Golf Balls in 1939 sells merchandise that is absolutely and completely restricted to the Pro Shops.

He is protected to the limit by a Protection Policy that is absolutely ironclad.

This means that only the Pro Shops can sell the layout of Wilson quality Golf Balls illustrated here.

From no other source anywhere can any golfer get the Wilson K-28, Super-distance Ball, America’s finest ball for professional play, or K-28D, the durable, tough-covered K-28 for players who have the tendency to cut ’em.
ON FOR THE “PROS”!

WILSON ROUND-UP—
An outstanding value at the price. Tough thin cover. Good distance and durability for that large group who prefer a ball costing . . . . . .

WILSON WIL-WIN—
With this low price ball you can sell the beginners’ market. It’s a top value at the price, carrying the Wilson name as assurance of quality

Only the Pro can sell the Wilson Turfrider, Round-Up, and Wil-Win, the finest golf balls made anywhere in their price ranges.

Each of these balls is absolutely restricted to sale by the Pro Shops of America. And each has the prestige and public acceptance of the name “Wilson” behind it. This great 1939 line gives you an edge on any and all competition in golf balls—an absolutely restricted “Pro” Line, made for you alone.

WILSON SPORTING GOODS CO. • Chicago, New York and other leading cities
journalists covering the meeting, picked up a wealth of story material to do justice to the work of the pro oldsters and to overcome the lack of helpful pro publicity possible from national PGA sessions.

At the Senior pros’ annual banquet, a great roster of entertainment talent performed. Jack Jolly was master of ceremonies. Alex Duncan, Val Flood, Wm. Sherwood, Bill Gourlay, Dick Clarkson, Wm. Entwistle, Arthur Reid, O. B. Keeler and other veterans put on a merry show. Tom Walsh, sec’y of the National PGA, read a poem glorifying the veteran pros, written by Herb Graffis of GOLFDOM, while under the genial influence of the old pros and positively no other cheering spirits.

Final scores of the 36-hole tournament:

(Class C Players, 50 to 54 Years of Age)
Otto Hackbarth, 154; Jock Hutchison, 158; E. W. Harbert, 159; Dave Livie, 161; Bob Craigs, 161; Charles Mayo, 162; James West, 164; Tom Bonnar, 164; Jack Kennedy, 166; George Dodge, 166; Charles Hall, 166; Jack Pirie, 166; Tom Boyd, 166; William Crichton, 167; Milton Theobald, 167; William Gordon, 169; Fred Miley, 170; Fred Brand, 174; Dave Cuthbert, 185.

(Class B Players, 55 to 59 Years of Age)
Fred McLeod, 154; Frank Bellwood, 157; Dave Ogilvie, 158; Frank Coltart, 159; George Gordon, 161; William Sherwood, 161; George Sargent, 162; Alex Armour, 162; John Inglis, 163; Jack Hobens, 164; Arthur Reid, 170; Richard Clarkson, 173; William Entwistle, 174; William Courlay, 177; Peter Robertson, 179; Henry Williams, 180; Jack Jolly, 187.

(Class A Players, 60 Years and Over)
Jack Campbell, 160; Tom Clark, 163; Val Flood (withdrew); J. H. Chandler, 185.

Bill Klish Dies—Golf lost one of its outstanding younger pros Nov. 30 when Bill Klish, popular professional for the past two years at the Chase CC, Waterbury, Conn., died of a heart ailment. Bill had been in poor health for some time, but his death was entirely unexpected.

Klish was a former Waterbury CC caddiemaster, and has served as pro at clubs in New York and Pennsylvania. He succeeded Paul Prill at the Mattatuck club just before it changed its name to the Chase CC two years ago. Klish’s passing was a big blow to his many friends in pro golf, and a huge loss to the golfing profession.

Pros Tell How They Plan Their Pre-Season Activities

LETTERS from representative pros who tell what they do during January, February and March in preparing for the new golf season indicate plainly that the successful pro is one who regards his job as a full-time proposition, even though profits may be forthcoming in only a few of the 12 months. The following comments strengthen the position that pro profits are to be had when the real work that is demanded to realize these profits, has been done.

Leny Calderwood, pro at the Meadowlark GC, Wichita, Kans., leads off with the following interesting comment:

“I believe a change in appearance of the shop at the beginning of the season is a great help in making the members realize it is time to get rid of the old and modernize with new equipment. The shop is the pro’s biggest asset. It is his place of business. Therefore, the shop should be arranged comfortably—it should be an inviting place for loafing purposes. The members should enjoy spending their leisure moments in your shop; there is nothing worse for your business than to have a drab or dirty shop.

“Golfers enjoy looking at golf pictures as well as reading about the game. That’s why I have many fine and unusual pictures hanging in my shop, as well as placing late golf magazines in a convenient place.

“The average pro sells a few sets of clubs during the winter months, especially around Christmas. In many cases he must take in used clubs. A little time during the off-season will put these clubs in fine shape and pay big dividends when the season opens. If a pro cannot refinish and repair clubs, he should spend a lot of time during the winter months learning how; it’ll bring in many extra dollars for him when money is most needed.

“The winter months are a great time to get out and contact your members to see those who are prospects for buying your merchandise. The pro has time to take care of these personal calls; also, the members enjoy a visit by their pro to their offices. Oftentimes, on good, open days during the winter, the pro can give certain of his members a ring on the telephone and arrange a little game of golf. During this game, the pro can look over the members’ equipment and see what they...

PROfitable!

THE "HEDDON" SHAFT PLAYS YOUR GAME!

When you insist upon genuine Heddon Custom-Drawn Shafts, with the exclusive Double-Whip Power Shoulder, you are playing your own game. Why? Because you are featuring Shafts that are obtainable only in high grade clubs—clubs that are sold only through high grade outlets and net you a worthwhile profit. And, also, because you are protecting yourself against cut-price competition. Specify Heddon Custom-Drawn Shafts in your 1939 stock. They are pro Pro!

There's good golf and good profit in THE SHAFT OF STEEL WITH THE "BIRDIE" FEEL!

JAMES HEDDON'S SONS
Steel Golf Shaft Division
DOWAGIAC, MICH.

This distinctive Heddon feature, THE POWER SHOULDER, IS THE HEART OF THE SHAFT
Newspapers all over the U. S. published this photograph in December of Bobby Jones in a full drive, taken with a new ultra-speed camera which will be part of the equipment at Spalding's recently organized Research Department. Interval of time between images in the above picture is 1/100 second; the time of each exposure is 1/100,000 of a second. Measurements on the photo indicate the clubhead was travelling 166 feet per second prior to impact and 114 feet per second after impact. The ball left the club going 225 feet per second will be likely to need for the coming year. The members will also appreciate a few tips on hitting the ball during these games, and this should help the pro's lesson business considerably later on.

"Pros generally neglect the newspapers and radio stations too much during the winter. Sports writers are eager to get any type of golf news during the cold months, and there is no reason why we pros cannot keep the game of golf before the public in the off season. If there is no golf news, we can make golf news. That is my theory, and I have a pretty good winter turnout, although Kansas is not any too sunny during these months."

Ted Longworth, pro at Waverly CC, Portland, Ore., works energetically during the winter months on junior golf promotion, and he believes this kind of work will repay him, as well as contribute more to golf, than any other single bit of activity by the pro. Says Ted:

"There is no program a golf professional can work out that will bring in more revenue, stimulate more play, make more real friends, and do more for the future of golf than to promote this junior golf activity. I carry on this work without any charge whatsoever to the juniors, even to collecting old golf clubs and fitting them to the juniors.

"Our biggest job with the juniors though, is to increase their enthusiasm for the game, and I believe the women's golf committees are the logical groups for the professional to work with." Longworth wrote suggestions to the women's golf committees of the private clubs in the Portland district regarding the formation of regular junior golf classes at each club, and outlined to them the junior plan which has worked out so well at Waverly.

Holds Huddle With Helper

Bill Adams, pro at Sioux City Boat Club's Elmwood Golf Course, Sioux City, Ia., writes:

"In getting ready for spring opening, I call in my assistant, Herman LaPlante, who has been with me for 8 years, and together we check over our spring orders to see if there will be adequate merchandise. Sometimes an item or two is canceled, or we may order additional equipment. We're always on the lookout for anything new in golf that might fit into our program for the betterment of the members.

"We get started on our shop revamping program just as early as the weather permits. We paint, move our furniture around, put up new drapes, maybe add a new rug here and there, all with the object of getting the shop clean and attractive. We've learned that our members like to see the place changed a bit each year. Many of our members now say when they come out in the spring, 'Well Bill, what changes have you made in the shop this year?' Remarks such as these tell you that the members are really interested in your place of business.

"One of the best things that I have ever gotten into for the promotion of my business is the radio. Mike Shearman, pro at Sioux City CC, and myself have been on the air for several weeks, broadcasting a 15 minute golf program every Saturday night over station KSCJ. The program is called, "Keep out of the rough" with "Bill"
This Scene Was Played 100,000 Times Last Year

In 1938 golf pros sold to golfers 100,000 packages of Gauztex—a clean profit of $10,000 to those pros handling Gauztex and 1939 should be three times as big.

Gauztex is pure white surgical gauze treated to make it cohesive—sticks only to itself. Packaged in a handy, PRACTICAL metal package for sportsmen.

Golfers use it for taping hands and fingers to prevent blisters or to protect fingers after blisters have formed and for taping clubs for more certain grip. One golfer uses several packages a season.

Pros should make at least $30,000 selling Gauztex this year. Nationally advertised in Colliers, Saturday Evening Post, American Weekly and several trade publications, Gauztex is known to millions. Display it and you sell it. Ask your wholesaler.

Manufactured only by
General Bandages, Inc.
508 South Dearborn Street
Chicago, Illinois

Gauztex is as white as the gauze itself. Guaranteed to remain cohesive. Medicated with mercuric chloride antiseptic. The metal package retails for 25c and contains 3/4" x 7 1/2 yards Gauztex.

Get This Assortment

A beautiful, eye compelling display comes with this assortment containing 3 dozen metal packages and 3 1/2 dozen Foursome packages to sell for 15c. Assortment sells for $15.30. Costs you only $8.64 making 43% profit. Order from your wholesaler.

GAUZTEX
The Self Adhering Gauze
and Mike.” We dedicate our programs to the smaller towns within a 100 mile radius, and we give a golf lesson, golf skit, golf news, and answer questions on golf sent in by mail.

“Mike and I, along with Wally Hatter, our announcer, have given several talks on golf and have shown golf moving pictures at the Rotary club, chamber of commerce, and Iowa Public Service Co. meetings. We’re going to visit several of the smaller towns later on this winter to give lectures and show the sound motion pictures on golf.”

Mel Smith, pro at the two courses at French Lick Springs, Ind., believes the best way to insure smooth operation and efficient management of the pro-shop, which is the very heart of the pro business, is to hire a competent, reliable assistant, or assistants, as the case may be. Smith says:

“The first, and indeed most important pro’s thought, should be in the hiring of a good assistant. Too much stress cannot be placed on his selection of this man. He must be a man who will take the pro's personal interests and responsibilities to heart; not just a shop boy who has no interests other than pay day, or his personal game or gain.

“The assistant should have full authority over the caddiemaster and club cleaner, with the cooperation of the pro behind him. Thus the assistant is responsible for the operation of the entire shop—sales, services rendered, cleanliness, education and efficiency of the caddies, along with the care of the members’ clubs stored in the pro-shop. With such responsibilities resting on his shoulders the assistant feels the pro has confidence in his ability to manage the shop business 100%; therefore, the assistant can't let the pro down.

“Most all misunderstandings or ill feeling toward a club pro start in the pro-shop. Long before the season gets under way the pro should talk with his selected assistant so that a definite understanding will be had of his duties and responsibilities. I have here at French Lick Springs, two golf shops to operate, maintenance responsibilities on two golf courses, caring for some 500 caddies, teaching, along with other professional duties. To get along successfully, then, I must be surrounded with capable assistants. I make sure my assistants will be able to handle their work by preparing them for it before the playing season begins.”

ARCH REID SLATED FOR RE-ELECTION AS USGA PRESIDENT

Report of the USGA Nominating Committee, which is tantamount to election, names the following officials for the USGA in 1939:

President, A. M. Reid, St. Andrew's GC, Hastings-on-Hudson, N. Y.
Secretary, Frank M. Hardt, Merion Cricket Club, Haverford, Pa.
Treasurer, Jess W. Sweetser, Siwanoy CC, Bronxville, N. Y.
Counsel, Charles W. Littlefield, Montclair GC, Montclair, N. J.

EXECUTIVE COMMITTEE


Miami Open Clicks—Pros owe H. H. Arnold, mgr. of Miami Springs (Fla.) CC, plenty of gratitude for the manner in which the energetic veteran manager of the Miami muny course successfully staged the Miami $10,000 Open (heretofore $2,500) after Henry Doherty’s withdrawal from the Miami-Biltmore hotel cancelled the hotel’s annual ten grand event.

Arnold went out on a limb with the local government in risking a heavy deficit. Lively ballyhoo by Miami newspapermen and radio stations and a good break in weather, brought a fine gate, and the stretch battle between two grand golfers and A-1 guys, Jug McSpaden, the winner, and Henry Picard, a stroke behind with 276, provided a thrilling show.

Gallery figures exceeded by far those of any other Miami Open. On the basis of this year's showing the 1939 Miami Open is to have additional financial sponsoring by local individuals.