

charming player from the swank Creek Club in Glen Cove, has assembled the women's teams, sold tickets, collected money and done about everything else but run the scoreboard. Another helpful person has been Mrs. Reinert M. Torgerson of Cherry Valley, holder of the New York State championship for the past two seasons.

Wesley M. Cotterell of Cherry Valley, who was president of the LIGA back in 1943 when the three associations agreed to stage the matches in spite of gasoline restrictions and other unfavorable factors, said "We started something really worth while." Dr. Charles J. Robinson of Wheatley Hills, who served as LIGA head through the trying years of 1944 and 1945 nodded his assent.

Frederick A. Marsh of the Garden City CC, LIGA prexy during 1944 and 1945, has been responsible in a large way for the financial success of the events inasmuch as he has been the auctioneer at most of the Calcutta auctions.

At Inwood in 1947, the Calcutta tickets sold, aggregated \$4,425 and the teams sold for \$8,175. The club contributed \$165 and the entry fees of players grossed \$390.

Among the disbursements were \$2,447 to Calcutta ticket holders, \$5,320 to Calcutta winners and \$1,556.65 for miscellaneous expenses.

Last year, at Fresh Meadow, an even \$4,000 was realized through Calcutta ticket sales and \$6,480.69 was spent on Calcutta teams. Other contributions, including nine dollars from two caddies, grossed \$64. The ticket holders received \$1,376.40 and the winners \$5,316.52. Other expenses were \$399.05.

#### Pros, Amateurs and Women Play

The players participating in these matches represent all phases of golf. The outstanding amateurs are drawn from the swankier clubs, including Meadow Brook, the po'o capital of the world; Piping Rock, the less affluent private clubs and the municipal links of New York City. The pro and women's teams are equally diversified, with representation from the Gold Coast clubs to the thickly populated fairways of Dyker Beach on the fringe of Brooklyn.

The pros, ironically, have been taking so much of a beating in these annual events that they have been given handicaps during the past several years. As a result, the matches have made for a thrilling show with players coming into the

final round all even — most matches being decided on the last green — or beyond.

The pros who participated in the 1948 matches included Joe Sylvester of North Hempstead, Jack Sheridan of Brentwood, Walter Scheiber of Willow Brook, Henry Rogan of Glen Head, Stanley Remsen of North Hills, Lennie Peters of Huntington-Crescent, Gus Norwich of Hempstead, Jack Mallon of Cold Spring, Tony Longo of Inwood, Ralph Leaf of North Hills, Walter Kozak of Pomonok, William Klein of Wheatley Hills, Mike Izzo of Engineers, Andy Fabrizio of Garden City CC, Alex Ednie of Oakland, Tom Clancy of Bayside, Floyd and Henry Ciuci of Fresh Meadow, Pat Cici of Nassau County Parks, Ferdie Catropa of Peninsula, Ernie Catropa of Willow Brook, Pete Cassella of Island Hills, Pete Burke of Glen Oaks, Don Brown of Piping Rock and Mike Belifore of Nassau CC.

Johnny Humm of Rockville, Long Island champion, led the simon-pure team that embraced George Biard Jr. of Rockville, Bob Baxter of South Bay, Dick Ciuci of Fresh Meadow, Dr. Mike DiLeo of North Hempstead, Joe Feldman of Inwood, Monroe Froelich of Woodmere, Mal Galletta of North Hills, Stanley J. Harte of Inwood, Bill Holloway of Meadow



Officers of LIGA are: (L to R) J. E. Schaffmeyer, sec'y., Dr. Oke V. Wibell, pres., O. M. (Pete) Lamberon, vp, Bob Johnke, member and Campbell B. Carmichel, treas.


Brook, Bob Johnke of Hempstead, Fred Lazard of Cold Spring, Jack Lyons of Garden City Golf, Wilson Madden of Huntington-Crescent, Matty Nardoza of Garden City CC, Eddie Neu of Rockville, Jim Oleska of Dyker Beach, Frank Paley of Woodmere, Andy Peck of Piping Rock,

*(continued on page 88)*



**WALTER HAGEN**

Division of Wilson Sporting Goods Co.  
Grand Rapids 2, Michigan



The ultra  
in golf equipment

If it bears my name  
it's sold through  
Pro Shops only  
Walter Hagen

# Teaching Aids for Making More Golfers

By **BILL GORDON**

Chairman, PGA Teaching Committee

As the years go by it becomes increasingly apparent that the promotional efforts which have been put forth in behalf of golf by organized groups within the industry have been largely responsible for the growth which the game has heretofore enjoyed.

In this connection, both the USGA and the PGA of America have long done a tremendous job for the promotion of the game and their efforts have been energized and supplemented with liberal support by the manufacturers of golf equipment through the National Golf Foundation.

While recognizing the great work which has been and is being done in this field by others, the PGA members have been cognizant of the fact that the bulk of the actual responsibility for developing the individual golfer lies with the pros, as it rightly should. Consequently, a great deal of PGA work has been devoted to this phase of activity.

Naturally, a very important part of this work has been done by the Teaching Committee of the PGA and, although this Committee is concerned with only a portion of the Association's program, it has done extensive research over the years in carrying out their share of the responsibility in assisting Mr. and Mrs. John Q. Public to derive the healthful enjoyment which the game provides. This work has been designed to assist the members of the PGA by devising ways and means of improving the technique of those who already play and of developing new adherents to the game.

## No Teaching Regimentation

In the course of this work and without attempting to regiment or standardize the teaching techniques of its individual members, the PGA Teaching Committee has done a great deal to develop agreement with respect to the fundamentals of the game; the procedure for teaching the beginner; group instruction, with special emphasis on the organization and instruction of junior golfers; golf demonstrations and clinics; and a library of golf films for en-

tertainment and instructional purposes. The results of this work have all been made available to PGA members.

Meanwhile, in view of the obviously great results which have been achieved through their previous efforts, the organized groups within the industry are concentrating upon promotional programs to an even greater degree than ever since the conclusion of the war, in an effort to bring the advantages of the game to an ever increasing number.

With this end in view, the golf equipment manufacturers have redoubled their efforts through the National Golf Foundation, a not-for-profit organization which they have organized and financed for the promotion of the game. Among other things, this organization, which is directed by Rex McMorris and the Graffis brothers, Joe and Herb, has produced a series of items which are invaluable aids in teaching golf.

These include a booklet entitled "Golf Lessons", which elaborates on the fundamentals of golf as taught by the foremost professional instructors and a series of integrated slide films with accompanying narration. These films, which are entitled "Beginning Golf", consist of four sections which illustrate; (1) the evolutionary story of the game, golf equipment and its use, and golf etiquette; (2) the grip, the stance and the fundamentals of the swing; (3) the iron shots and putting; and (4) the Rules of Golf simplified in cartoon form.

These items and others of equal value and interest, together with the required projection equipment, can be purchased at reasonable cost through the National Golf Foundation, 407 S. Dearborn Street, Chicago 5, Ill. The films may be had in either silent or sound version, or in black and white or in color. The purchase of projection equipment is optional and those who do not wish to purchase it may rent suitable equipment in their respective localities.

At the same time, the Teaching Committee of the PGA is concentrating upon

**Better sighting *for your shots***  
**Better stroking *for your swing***  
**... with GOLF CRAFT**  
**TRU-GOOSE Irons**



Amateurs and professionals who have switched to Tru-Goose Irons will enthusiastically vouch for their amazingly helpful performance. It's a fact, that of all the many iron head designs, the Tru-Goose design stands out as one of the game's major contributions.

Its set-back head makes it easier for your players to line up their shots properly, and with greater confidence. It impels them to hit thru the ball with greater power and smoothness. It imparts ball-turf impact that gets the ball away crisply. There's real help for iron play in these new Tru-Goose irons.

Give Tru-Goose Irons prominent display in your shop. They'll sell fast because your players can see and understand why their distinctive design will improve their game.

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GOLF CRAFT Pro Only Woods and Irons are precision-made in the world's Largest, Most Modern Plant devoted exclusively to Golf Club Manufacture.

---

its work with increased vigor, in view of the needs of the day. In this process, the work which has been done by the Committee in previous years is being reviewed and revamped to conform to changing needs and conditions and additional programs are also being developed. The latter include such things as: (1) how to put on radio and television golf programs; and (2) how to teach with the aid of moving pictures.

The material is being brought to the attention of members of the PGA as it is completed. Meanwhile, however, the Committee anticipates that the work which it is doing and the exchange of ideas which are taking place in connection therewith will be of great assistance to the membership in their efforts to develop both new and existing golfers — also that they will result in a greater measure of progress in this field than ever before.

The members of the PGA Teaching Committee who are collaborating in this work are Lester Bolstad, Jimmy Demaret, Fred Haas, Sr., Tommy Harmon, Lloyd Mangrum, Toney Penna, Harold Sampson, Harold Sargent, Horton Smith and myself.

We hope, as time goes on to also make the results of our work available to PGA members in printed form in response to individual requests and that they will take advantage of the aids which are offered them through all sources.

### Time Out Before Clinic



Al Ciuci, professional, Fresh Meadow CC, Great Neck, Ll., N. Y., and pres. of LI PGA, discusses plans for the PGA "Million Dollar" Clinic at Pasadena, Fla. with Willie Klein, professional, La Gorce CC, Miami, while vacationing at the Belleview-Biltmore Hotel, Belleair, Fla., prior to the Pasadena meeting. Willie is also pro at Wheatley Hills GC, Ll., and a vp of the LI PGA.

## IT'S ON THE HOUSE

By TOM REAM

Manager

WESTMORELAND COUNTRY CLUB  
WILMETTE, ILLINOIS

\* \* \*

Destroy odor. Freshen air with regulated ventilation.

\* \* \*

There is beauty in true simplicity.

\* \* \*

Do you do everything possible to give or have someone else give, any service which members may require?

\* \* \*

The modern club is the concentration of the utilities that deliver creature comforts.

\* \* \*

Next to making building fireproof is the installation of a sprinkler system to protect from fire.

\* \* \*

There is service and service, but the essential kind at the club is satisfactory service.

\* \* \*

A pleasing personality is the only kind that fits into the club business.

\* \* \*

Club service is largely eye-service. It is impossible to give service by remote control.

\* \* \*

The heaviest load is that carried by the club employee who has a chip on his shoulder.

\* \* \*

A note to club employees—the manager will be pleased if the members are.

\* \* \*

The club business—that of making a comfortable living by making the members comfortable.

\* \* \*

The paint bill usually represents a profitable investment.

\* \* \*

In the club business, renovation should be a constant process, not an event.

\* \* \*

There are two kinds of clubs—those at which members think the food is good and those in which the management thinks the food is good enough.

\* \* \*

More care in the hiring and there will be less firing.

\* \* \*

The manager who thinks he would be better off in some other line of work, probably would be.

\* \* \*

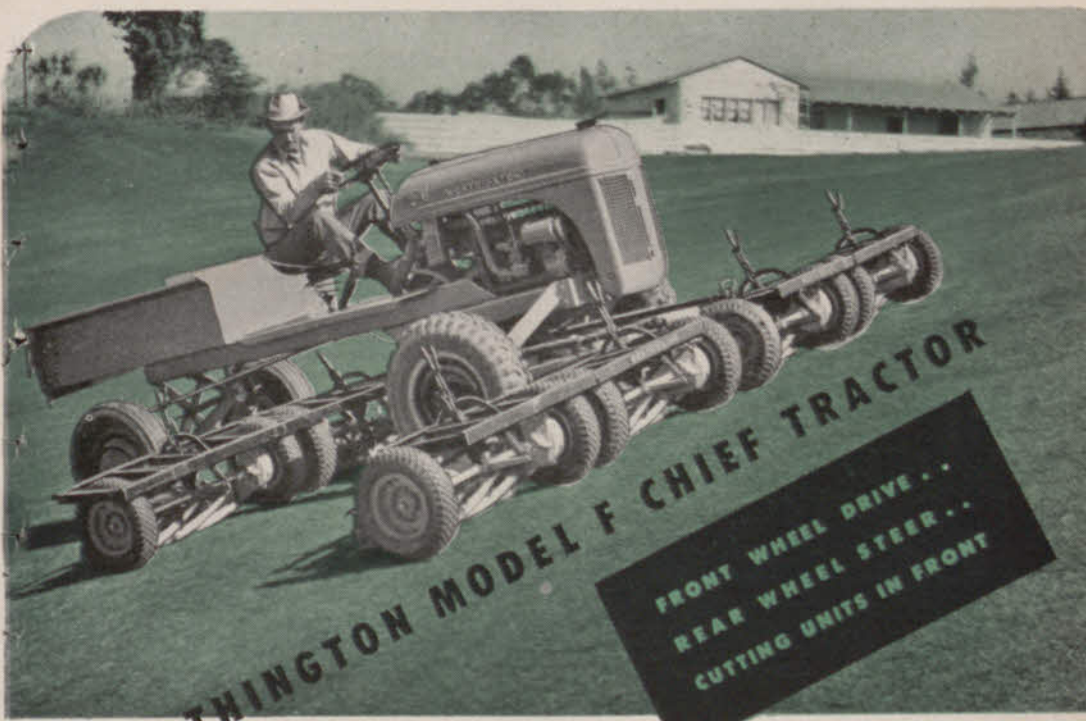
There is a difference between being proud of your club and being snooty about it.

\* \* \*

The idea is to explain that the request is unreasonable in a way that will prompt the member to withdraw graciously, instead of doing it in a way which arouses him to fight for it as a matter of principle.



# GREATEST MOWING DEVELOPMENT SINCE THE GANG MOWER



## WORTHINGTON MODEL F CHIEF TRACTOR

FRONT WHEEL DRIVE . . .  
REAR WHEEL STEER . . .  
CUTTING UNITS IN FRONT

The revolutionary Worthington Model F Chief tractor beats anything you've ever seen for use in large area mowing. Here's what puts this unit so far ahead:

**Cutting Units Lead The Way**—With cutting units in front the grass is cut before tractor wheels touch it — no streaking due to compacted grass. Also the driver sees what he's doing without looking back. He gauges distances better — reduces chance of accident.

**Grips Hillsides**—Traction — traction — and more traction — this new tractor has it. With drive wheels in front under the engine, 75 percent of the Model F Chief's weight is on the traction wheels. On any terrain — hill or level — this machine handles more gang units — 5 instead of 3; 7 instead of 5; 9 instead of 7 — with far less turf scuffing.

**One To Nine Gangs — Take Your Choice**—You can hitch from one to nine gang mower units to the Model F Chief — in balanced or unbalanced arrangement. Place your combinations to fit the job.

**Down Go Operating Costs**—Better balance, better traction means less horsepower needed, less grass used.

For the full story on the Model F Chief write us or see your dealer today.

WORTHINGTON MOWER COMPANY Stroudsburg, Pennsylvania

SUBSIDIARY OF JACOBSEN MANUFACTURING COMPANY, RACINE, WISCONSIN



A gallery follows Byron Nelson and "Jug" McSpaden during exhibition at the mile-high, all grass course of the Butte, (Mont.) CC. Purchase of land adjoining the old course with its hard surface sandy soil fairways and sand greens provided two stream beds and reservoir sites that made the first all grass course possible.

## How Butte, Montana Re-built and Maintains Its Course

By WM. A. O'KELLY

Chairman, Green Committee, Butte Country Club

This article was sent to GOLFDOM with the thought that some valuable information may be gained by its readers. The author has enjoyed reading GOLFDOM for several years and has benefited from its well edited pages. If anyone with similar problems is able to use the information, this article will have been justified.

The old Butte CC course was the first in Montana, and for 35 years had been used by the members without complaint. Fairways were hard surface sandy soil with little or no grass anywhere. Greens were oiled sand with sweeps for smoothing each putt. One golfer had said, "You have to know how many grains of sand to take with each iron shot." It wasn't quite that bad, but many times a mouthful of dust was the reward of a good sand divot.

Butte is situated in the Rocky Mountains practically on top of the Continental Divide, at an elevation of 5700 feet. The climate is dry and has extreme minus temperatures in winter. Even summer nights are cold and the growing season is short.

There is little soil in the upland valley, except near a few streams. The topography is most recent geologically, and the vegetation had been scarce for many years because of smelter fumes, up until about 1910. Most of the rocks of surrounding mountains are granite, with only small spots of limestone. Therefore the soil is acid and contains little humus.

### Moves to Water Site

Near the Country Club area are two stream beds and in one of them two artificial lakes were maintained over a long period.

In 1940 the Club bought 125 acres of land embracing these two creek beds and lake or reservoir sites, with the purpose of constructing its first all-grass course. Some of the old timers said it couldn't be done with the funds available, some \$28,000.

Everybody put shoulders to the wheel and with some help from political units and business men and some very efficient machine earth movers and plows, the fairways were fashioned and small greens



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THIS COUPON NOW!

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You know the game—you know the psychology of players—and you know what's what when it comes to clubs, balls and equipment.

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Here at last is a simple, foolproof, money-making plan. Enables you to do an *expert* job in advertising—puts *more* money in *your* pocket with little time and effort on

your part . . . A special promotion plan that is made to order for you!

Write for your copy of this plan today . . . No obligation. No charge for the experience built into the preparation of this pro-shop advertising and sales plan.

So write or wire today! Get your PLAN rolling now. Cash in on the *early-season* purchases that run into real money and extra profits!

*FINEST QUALITY SINCE 1877*

ATHLETIC GOODS DIVISION  
**THE SEAMLESS RUBBER COMPANY**  
NEW HAVEN 3, CONN., U. S. A.



REG.  
U. S.  
PAT.  
OFF.

built up. The sandy, clayless soil obviated green tiling or special drainage and therefore the greens cost about \$100 apiece.

The object was to get away from the sand course with an 18-hole all grass course at the earliest possible time. The job was started in June 1940 and we played on the course in July 1941, at a cost of \$28,000.

A series of closed-circuit three-inch water lines were laid over the course with six and eight-inch feeders from the regular city water supply at 110 pounds pressure. We purchased 28 sets of 75 foot, one inch hose and Johnson sprinklers and our water-bill has averaged less than \$2,000 per year ever since.

In 1946 it became apparent that with most of the course paid for we must begin to improve, lengthen and beautify the layout. Three new greens (8, 9 and 10) were constructed of a mixture of 1/3 washed sand, 1/3 peat moss and 1/3 fine loamy soil. The length of the course was thereby extended from 5,730 yards to 6,160. New tees were being constructed and the 5th and 18th greens were re-constructed on top of 6 inches of washed sand and crushed rock.

#### Drainage

Portions of the course lying in low areas needed drainage, since even sandy soil if saturated makes a poor host for grass roots. 4,000 feet of four to six-inch tile was laid in the springy areas and the excess water drained off into the creek. The water-table was dropped down

to three feet below the surface in the worst areas, and except for very wet seasons the grass roots are above the water. Sloping greens, high in the back, were best adapted to our needs and grass proved to be much better on well drained, sloping greens.

14,000 feet of four-foot ditch was excavated around the edges of the lake or reservoir sites to discover spring water and drain it off. Most of these ditches have been since filled or leveled off.

#### Sand

Washed quartz sand has been found most effective in our new greens and on hillsides. Grass seed will not wash off if covered with coarse sand. Quartz sand will not change or alter to clay and makes a most suitable constituent of seed bed soil. Equal portions of this sand, peat moss and loamy soil have been found very satisfactory for dressing as well as seed bed. Greens so constructed and maintained are consistently good greens.

The Butte course is free from clay soil and it is because of that fact that it has required so little money for construction or maintenance.

#### Weeds

Dandelion, plantain and several creeping weeds have been successfully killed with 2-4D. Chickweed is beginning to show in the fairways and an effort will be made to eliminate this by digging it out. As yet, we cannot see any effect on it by 2-4D. Chickweed is ruining many of the western fairways and we hope the



The laying of 4000 feet of tile and digging 14,000 feet of four-foot ditch has made possible the excellent green shown here in the low lying area on the new Butte course.