

# Tufhorse

ARISTOCRAT OF GOLF LUGGAGE



## America's Finest Golf Bags

the TWIN-PAX  
Model TP5N

More PRIDE and PROFIT to the PRO who features Tufhorse top quality golf bags.

Here is the exclusive Tufhorse Twin-Pax — most distinguished bag on the course. A handy individual compartment for each club for better protection. Modern styling. Smart flattened oval shape. Rugged Duro-leather with tooled saddle leather trim. Large clothing pocket. Twin zipper ball pockets. Full length zipper side opening. All the extra conveniences for playing and traveling.

TUFHORSE gives you a complete line of golf bags for every golfer — in every price class. They are built well — look well — play well — sell well.

Nationally advertised in leading  
pro and player magazines.

MADE BY  
Des Moines Glove & Mfg. Co.  
DES MOINES, IOWA

ORDER FROM

**MacGregor**  
THE GREATEST NAME IN GOLF

4861 Spring Grove Ave.

Cincinnati, Ohio

ments and hillsides of the traps are too abrupt.

The local county agricultural agent, together with 2 professors from Pennsylvania State College, who conduct annual clinics for greenkeepers at the college, expressed the opinion that they have never previously seen a stand of grass to equal that which we had to show them.

The opening date for the course having been set for Memorial Day, May 30, 1947, these gentlemen said that without a doubt the turf at that time, provided we had a fairly even winter and spring, would permit of such an early play. Greens have been cut as many as 12 times, and fairways up to 8 times, which is most remarkable, considering that seeding was not started until September.

We were fortunate in getting an outstanding greenkeeper. Tom Snee, greenkeeper for 13 years at South Park, a public course operated by Allegheny county, and who helped to construct that course, took over with the completion of construction by Harrison, and is carrying on in such a

manner with his crew of 8 men that even the rough will be in good condition.

Due to building restrictions it is impossible to construct a clubhouse in keeping with the course at this time, so the 12-room farmhouse on the property is being renovated and a 40 by 60 addition is being added, the first floor to house the men's locker and shower rooms, whereas the second floor will be used as a dining and dance room. The other rooms in the building will be converted for women's quarters, card and lounge rooms, and office quarters.

Completion of this work will be accomplished in plenty of time for the opening, with lockers and furnishings needed being promised at an early date.

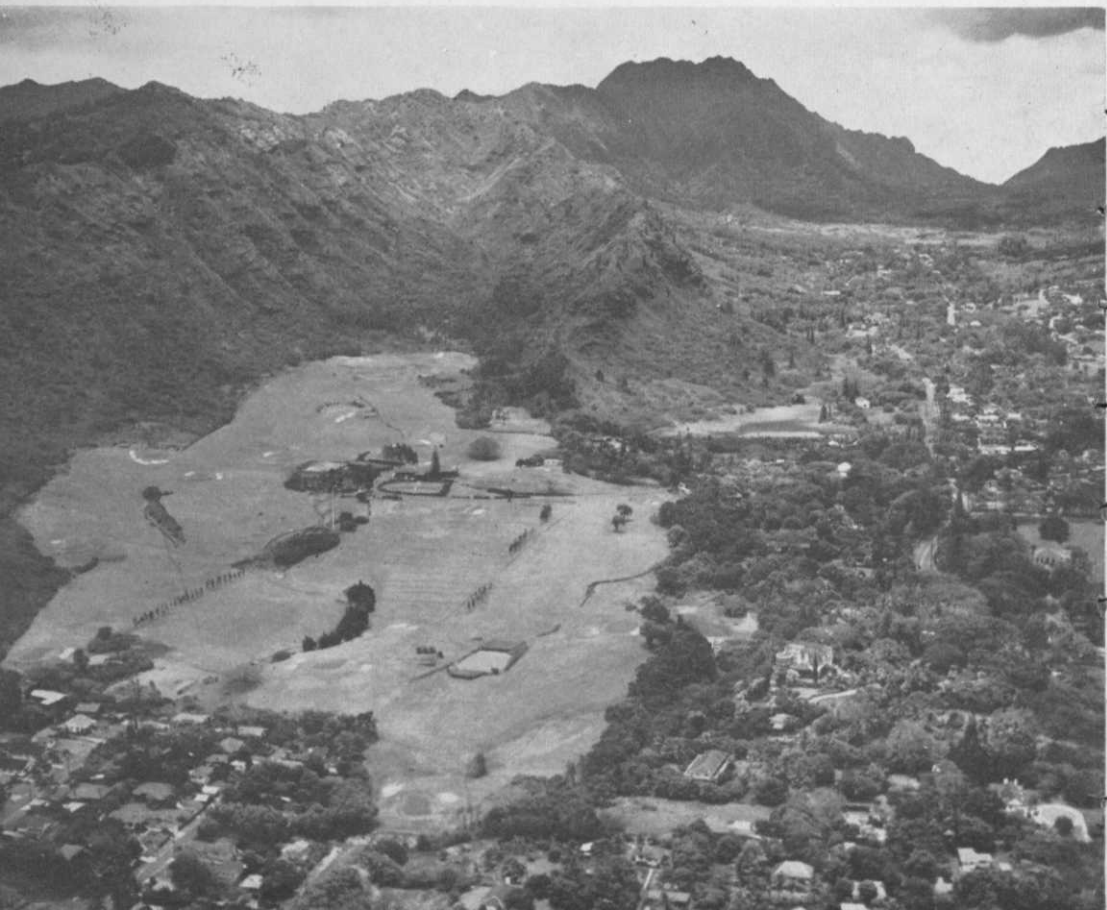
One of the communities younger pros has been signed; Russell "Nemo" Sherba.

The membership rolls have been completed.

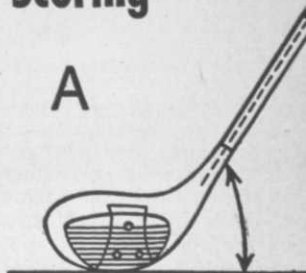
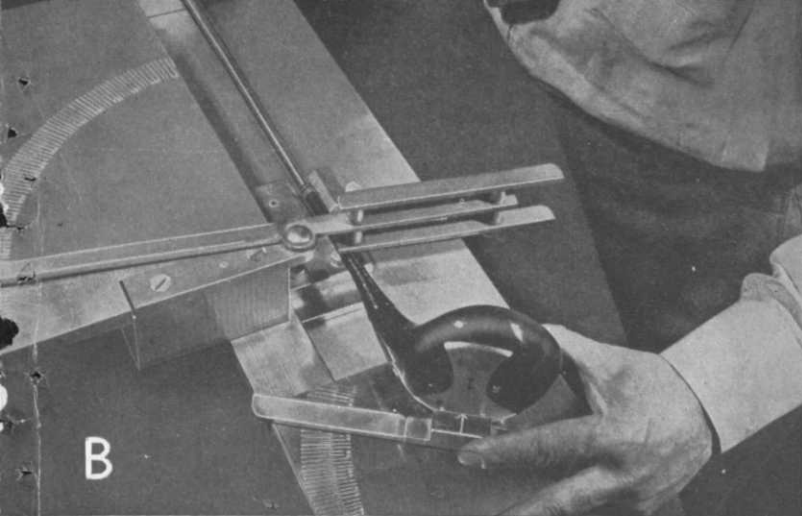
Thus necessity has mothered a golf course, being born in May, 1946, and gaining its first birthday in May, 1947, with active play on the entire 18 holes and full club house facilities.

#### COOPER'S AT THIS COURSE

Harry Cooper who took this photo of his Oahu CC at Honolulu is doing everything but playing in a grass skirt to press-agent the charms Hawaii has for the tourist. This business of a pro acting as a tourist bureau drum-beater for his locality always is smart operating, and Harry's doing a masterly job at it.



# Precision-Made For Better Scoring



## These New BRISTOL Golf Clubs Put a "Feel" of Confidence in Your Swing

There's a sweet "click" as clubhead meets ball. You know from that sound you've hit your shot cleanly. To get that thrill more frequently this season, we suggest you play your rounds with a set of these new, *precision-made* BRISTOL Beauties. This high accuracy of manufacture . . . a big BRISTOL feature . . . is what gives to these handsome new clubs their wonderful "feel" of controlled power . . . a "feel" that does much to build your confidence for lower scores. BRISTOL, you will recall, originated the steel golf club shaft. In these new BRISTOL clubs, you'll find another big step forward in the

art of fine club making. Try them at your first opportunity.

### Testing Each Club for Correct "Lie" on the BRISTOL Club-O-Meter

The new BRISTOL *precision-built* golf clubs undergo many severe, quality-assuring tests during course of manufacture. Illustrated here is the test which sees to it that each club has perfect "lie." The "lie" of the club is the degree of slant of the shaft when the sole of the club is held on the ground in correct striking position. (See diagram A). A uniform "lie" for each club in the BRISTOL set is fixed with hair-line exactness by the BRISTOL-invented Club-O-Meter. (See illustration B.) It is such tests as this that result in making BRISTOL Clubs so unusually "playable" both for Pros. and average golfers.

★ Watch for impressive advertisements like that on this page which now regularly feature the precision-built superiority of BRISTOL'S fine new golf clubs before the 22,500,000 readers of America's leading pictorial weekly, LIFE.



Hit  
Better Shots  
with the  
NEW

**Bristol** GOLF CLUBS  
THE HORTON MANUFACTURING CO.  
BRISTOL, CONNECTICUT



# Topdressing and Its Use on Bent Grass Greens

(Continued from April Golfdom)

By O. J. NOER

A good deep soil of uniform texture and structure simplifies the problem of maintaining any golf green. It is one of the secrets of good management, and is the reason why the task of preparing topdressing is an exacting one. Alternate layers of different soil, or of pure sand, peat, or heavy soil complicate maintenance during the hot part of the year. Excessive humus also aggravates snow mold in the winter time.

After assembling the ingredients which consist of a good soil, a suitable sand, and a desirable type of organic matter, the problem of making a satisfactory topdressing is one of choosing the ratio of each ingredient which will make a satisfactory mixture from the physical standpoint. This is not an easy task. A simple test which will evaluate the physical and colloidal properties of the soil and tell how much sand and organic matter to use with it is needed. A mechanical soil analysis determines the amount of sand, silt, and clay in a soil. It will show the kind and quantity of each sand separate, such as fine gravel, coarse, medium, fine, and very fine sand, but will not throw any light on the colloidal properties of the clay fraction. Some kinds of clay are more plastic than others, and have a greater cementing effect. A mechanical analysis will not be useful until a simple method is devised which will distinguish between the plastic and non-plastic clay, and evaluate their cementing properties.

There are two ways to test the topdressing mixture to determine in a practical way the best ratio of soil, sand, and humus. When a little damp topdressing is pressed firmly in the palm of the hand it should have a springy, resilient feel, and should fall apart when touched lightly after the pressure is released. Formation of a tight, compact ball is evidence of too much clay. Failure to retain its form indicates that there is too much sand and not enough soil. The other test may seem like a crude way, but it is the best method to use until the soil scientist devises a better one. Small amounts of sample topdressing mixtures are placed in small containers. Each one is puddled with an excess of water and allowed to air dry thoroughly. The dry mixture should crumble easily. Failure to do so is evidence of too much clay; otherwise there is not enough sand, or that it is too fine.

## Making Test Mixtures

When making test mixtures, a ratio of equal parts by volume of soil, sand, and humus is a good one to start with. Other possibilities are one part soil, 2 parts sand, and one part humus; or 2 parts soil, 3 parts sand, and one part humus, etc. Where screened mushroom soil is used, two parts soil, 2 parts sand, one part screened mushroom soil, and one part cultivated peat generally makes a good topdressing, provided the soil is a loam and the sand is coarse. When a desirable combination is found, it should be used consistently and not changed. Should it become necessary to procure any one of the ingredients from a different source, it should resemble the former one. Before the new topdressing is made in quantity, trial mixtures should be prepared and tested by the mud puddle method to see that the new topdressing is similar to the old one.

Mixing of the topdressing is a simple matter when the soil is weedfree, and the humus is a screened or cultivated peat. Most clubs use a Royer compost mixer, a Wichita grinder, or a Kemp soil shredder. A few put the peat through a hammermill before it is used, especially if it is moss peat. The ingredients are placed in conveniently located piles near the machine. Workmen are stationed at each pile so each ingredient can be shovelled into the machine in the proper ratio. Screening is not necessary when there is little or no coarse material in the sand or humus. Anything that does not mat into the turf is taken off the green with a dandelion rake, or a similar tool. Some greenkeepers attach a piece of burlap behind the flexible steel mat to collect the trash raised by the mat as it is dragged across the green.

Those who like to use manure in the topdressing should compost it with soil first. Best procedure is to build the pile with alternate layers of manure and soil. The bottom layer, the third, the fifth, etc. is manure 8 to 12 inches thick; the second, fourth, etc. is soil 2 to 4 inches thick. The pile should be turned several times during the course of a year or two to speed decomposition of the strawy portion of the manure; and kill weed and clover seeds. Manure compost should be shredded by putting it through a Royer, a Wichita, or a Kemp machine and screened to remove coarse trash before it is incorporated into topdressing. (Continued on page 104)

# Brief Story of a Best Seller

## *Lightweight* **BALANCED GOLF BAG**



U. S. Patent No. 2364223

### Here's the story of Lightweight Balanced Golf Bag in three short chapters:

**Chapter One** It's best for you because it's America's most popular golf bag—the only lightweight bag nationally advertised by brand name at an established price.

**Chapter Two** It's best for golfers because it adds so much pleasure to the game. It's full size, balanced for easy carrying, never sags, never spills clubs... and it's the only lightweight bag with a hood!

**Chapter Three** Write your own by ordering a supply today from your jobber or distributor.

If your distributor cannot supply you immediately, order direct. Dealer's discount 40% off retail list.

Nationally Advertised in *Saturday Evening Post*,  
*Collier's*, *Holiday* and *Golfing*.

**BALANCED GOLF BAG, INC., North and Noble Streets, Chicago 22, Ill.**

May, 1947

STRATA-BLOC



IT'S WILSON

# Now... A New Club Head Material

## That Moisture Cannot Shrink or Swell

**PROVED IN EXACTING TESTS...FIVE YEARS UNDER WATER—HOURS IN 212° OVEN HEAT... THE STRATA-BLOC CLUB FACE NEVER CHANGED SHAPE**

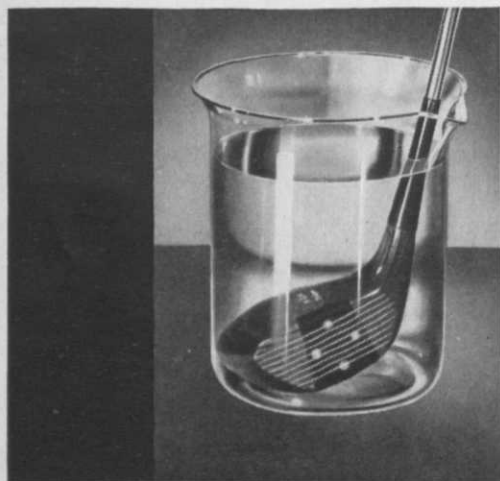
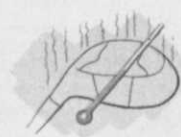
Multiple layers of fine, selected woods are so arranged as to direction of grain that when they are bonded into one piece by controlled hydraulics, a material results that is not affected by climatic conditions of moisture and temperature. This new material we call Strata-Bloc. It is a definite aid to better play as there is no perceptible shrinking or swelling

—thus no face distortion. Even the *slightest* change in the angle of the face of a club can cause your shots to be way off line. A Wilson Strata-Bloc wood retains its precision measurements under any natural conditions. With a Strata-Bloc you have a perfectly *true* club face at all times to help keep your shots *straight down the middle*. Playing tests by the Wilson Staff of golf experts and machine driving tests have *proved* this. Strata-Bloc woods are sold in sets of three or four.

### FIVE YEARS UNDER WATER

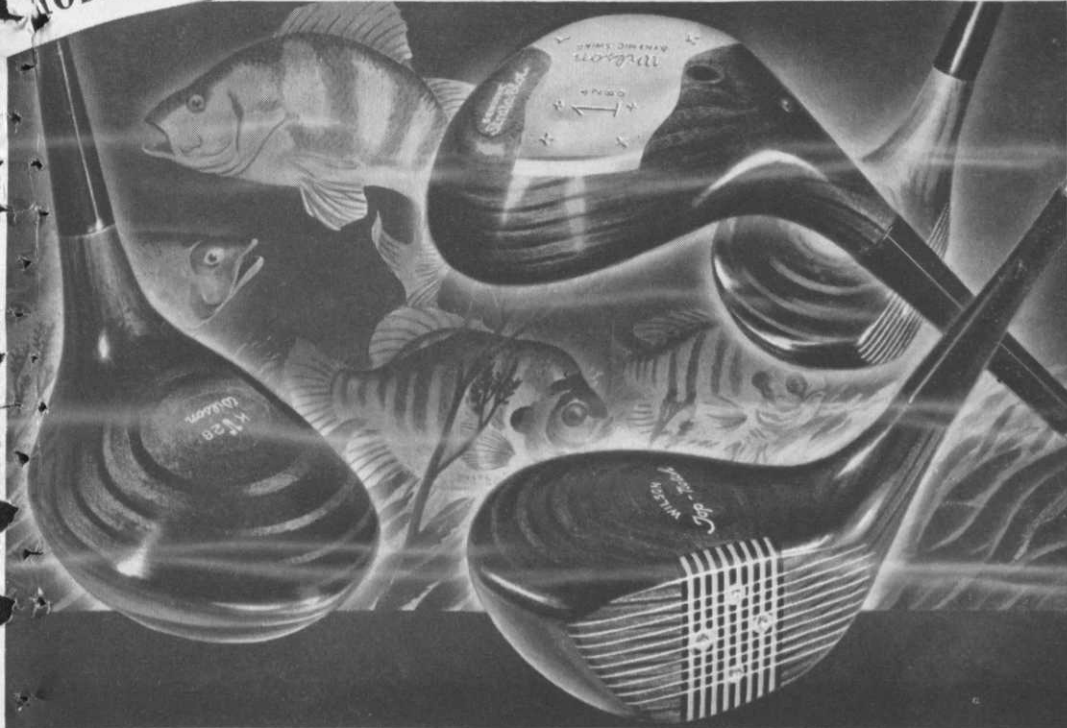
**NO WOOD CLUB HAS EVER WITHSTOOD TESTS LIKE THESE BEFORE**

Wilson laboratory experts tested and compared plastics and other materials considered suitable for club heads. None could match Strata-Bloc and here's the reason why:—Strata-Bloc clubs were immersed in water. Except for scheduled removals for inspection, they remained under water *for five years*. When finally removed, they showed *no apparent change in shape*. Nor did twelve-hour baking tests in 212° ovens affect the shape or characteristics of the Strata-Bloc.



STRATA-BLOC IS THE

TODAY IN SPORTS EQUIPMENT



**New Wilson Irons**  
**PROVED IN TOURNAMENT PLAY!**

Precision-built Wilson Irons with patented\* weight distribution, give a "wider hitting zone"—mean straighter shots, sweeter feel. They really made golfing history in 1946. Look at the tournament record. Playing Wilson clubs and balls exclusively, Lloyd Mangrum won both the U. S. and Argentine Open Championships . . . Sam Snead captured the British Open and the International Championships . . . and the U. S. Women's Open went to Patty Berg playing Wilson, of course. Take a tip from the stars. Combine your golfing skill with the LAST WORD in irons. Team up with a winner—play WILSON.

\*Pat. No. 1,917,774

WILSON SPORTING GOODS CO., Chicago, New York and other leading cities  
 (A Wilson & Co., Inc. subsidiary)



Players mentioned are retained as members of the Wilson Advisory Staff

**Wilson**  
**Strata-Bloc**  
REG. U. S. PAT. OFF.  
**GOLF CLUBS**

As advertised in  
**SATURDAY EVENING POST, June 7;**  
**ESQUIRE, July; GOLFING, June.**

**GREATEST SINGLE ACHIEVEMENT SINCE THE STEEL SHAFT**

# Organize and Supervise to Improve Club Operation

By **LIONEL F. CALLOWAY**

Expert management of the country clubs in the moderate-sized or smaller cities is being made an essential by increased visiting of metropolitan district clubs being done by members of the smaller clubs. The smaller club members see higher standards of operation and regardless of much smaller club budgets they want to approach the metropolitan level.

After a wartime absence from the golf business I returned to be surprised at the way in which friends of mine who were officials or non-official members of smaller clubs had raised their demands for club service.

These clubs have done well financially during the war years. Clubhouse and course improvements can be made without getting back into debt as many of them were before the war. But the physical improvements are a wholly inadequate answer to what these club members want. They want to have an atmosphere of operation that will compare favorably with the sort of operation for which the metropolitan district member pays from \$150 to \$250 annual dues. Giving them that is something that calls for a rare class of competent management because members of this type of club are not prepared to pay the big city rates.

## Specialists or One Man?

The larger club can hire a specializing house manager of top ability, a highly competent course superintendent and a first class pro. The smaller club has to come as near as possible to having all these men combined in one as the sort of a man required to do the job the members want done would ask—and be worth—a salary that only could be paid by a combination job. The management and supervision needed to meet the members' demands would call for a salary that couldn't be split three ways and attract a house manager, greenkeeper and pro of adequate qualifications.

So the one man who does fill the bill must know enough about all three of the jobs to be able to handle any one of them with a better than fair degree of competency. But, equally as important, he must be able to make the right choice of reliable help in the various departments and keep all operations under steady supervision. The secret of his success will lie in his ability to organize then to check up to see that there is no laxity in operations. The main fault in most moderate-sized and small-sized club

operations is lack of neatness. That is the result of poor organization and inadequate supervision. Despite the physical improvements that many clubs will make in an attempt to bring themselves closer to the first-class metropolitan standard untidiness will defeat the purpose.

The officers and committee members can't maintain the vigilance necessary to assure neat operation. It isn't their job to sacrifice their own private business time or leisure to attend to this all-important detail of club operation. If they were to stay on the job for years they would find that it is neatness which makes work easier for all club employees. I've seen that after a quarter century working at golf clubs. The crux of the problem is, of course, that the members who may be meticulously neat in their homes or offices often are very careless when they get into locker-rooms.

## Must Have Neatness, Promptness

So the man who runs a country club must be one who insists on neatness and on promptness. He has to budget his own time thoughtfully. In the early part of the day he is primarily a greenkeeper, seeing to it that his men know just what to do in routine or special work. Then, if there is to be any special lunch at the club he has to go over the plans with his cook and head-waitress. After that he can begin on his lessor appointments.

His buying, his planning, his work on the books and other parts of his job have to be fitted into a long day so nothing will be neglected and the members will have the idea that everything about the club is running smoothly and easily. The combination man has to have eyes in the back of his head as well as a busy pair in front. He has to be a man with the habit of making notes, otherwise his own memory will slip in some little detail that may become magnified if passed up for long.

He must be a business gentleman; courteous, a good but discreet mixer, an excellent judge of people—members and employees—and the sort who commands respect for his ability, industry and fairness. He has to have an easy knack of firmness in order to play fair with all the members and with all the employees. He must realize clearly what the member is entitled to, what the member expects and what is expected of the man who is run-



# SOLVE *your underfoot* SAFETY PROBLEMS at once -- and for years to come, with

For all departments, inside and outside the clubhouse, Melflex matting provides the ideal SAFETY-SURFACING.

Made of the finest synthetic rubber, in a wide range of models to cover every requirement of golf club underfoot traffic.

Melflex Safety-Surfacing means maximum non-slip, non-skid protection and lasting service. Weather-proof, non-warping, easily cleaned and smooth laying. Famous for their spike resistant wear.

Check the departments listed at the right—then write for literature and prices covering Melflex Safety Products especially made to meet your service requirements.

## MELFLEX Rubber Matting

for

LOCKERROOMS  
SHOWER STALLS  
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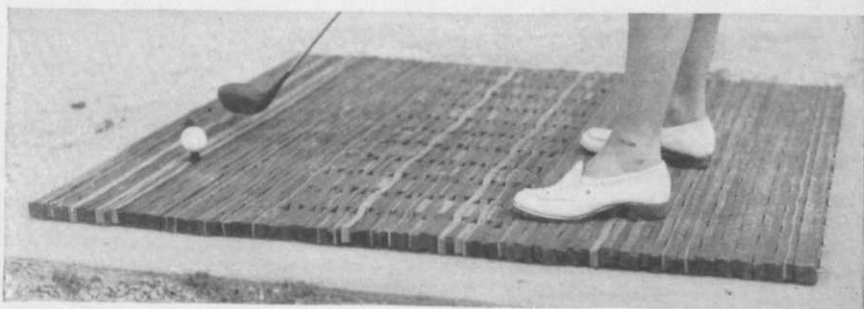
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# MELFLEX

Driving Range

# TEE MATS

Stand up to the toughest service



Because they're made of tough tire carcasses from heavy bombing planes, Melflex Tee Mats take the continued poundings, spikings and scuffings for years. Easily and quickly cleaned. Reversible for extra service. Melflex Driving Mats are built to the specifications of practice range operators—so you know *they must be right*. Players and range owners alike say they are the finest driving tee mats

ever produced. Immediate delivery.  
Write for specifications and prices.

NOTE OUR NEW ADDRESS



**M** **MELFLEX**  
PRODUCTS CO.  
L. E. WARFORD, President  
410 S. Broadway, Akron 8, O.

ning the club for the good of all its members.

### Club Operator's Qualifications

Good management of a country club calls for all the customary qualities of judgment and diligence needed in business plus the following capacities:

Genuine interest in furthering the members' enjoyment of a good golf course, a clubhouse operated more on the home order than hotel style, tennis courts, swimming pool and other recreation facilities;

Ability and tact in seeing that well-trained employees are cheerfully on the job with some initiative;

Resourcefulness in planning and directing a well-balanced program of sports and social events for all types of members, throughout the year;

A publicity knack in acquainting members, through bulletins, etc., with what's going on at the club, stirring their interest in club happenings and promoting a lively spirit of unity. This publicity ability also must present the club and its members to the other citizens of the community in a way that helps to make club membership highly desirable.

The man who runs the club must keep an exceedingly close watch on accounts and other records so he'll constantly have a

true picture of the club's financial operations and its prospects.

He must provide the best of everything a club can supply at a cost within the purse range of the members.

In short, the man must have considerable creative ability as well as executive capacity.

The larger club table of organization has the general manager supervising the greenkeeper, steward, housekeeper, pro and caddie-master. The customary major departmental duties are:

**GREENKEEPER** — Maintenance and construction work on course, grounds, pool and tennis courts. Care of equipment.

**STEWARD**—Food and bar service; dining rooms and kitchen; men's locker-room.

**HOUSEKEEPER** — Care and maintenance of clubhouse; hostess, decorations; flowers; laundry; linens; women's locker-room.

**PRO**—Teaching, pro shop operation, conducting tournaments, playing.

**CADDIE-MASTER** — Recruiting, training, assignment and supervision of caddies.

That's the large field of work the large club general manager must organize and supervise. To approach the standard of that type of operation the man who runs the smaller club must be very good indeed.

## A SCENIC GEM OF MIAMI SHORES



This beautiful 138 yd. eleventh at Miami Shores (Fla.) G&CC is a feature of one of the heaviest played courses in the south. In December, January and February, 14,785 rounds were played here and the turf held up in fine condition. The club has started on a \$150,000 clubhouse remodeling and swimming pool construction program.