

Tufhorse GOLF BAGS

Super Styling Sells Golf Bags

Model L-835 —
Leather and Nylon
in Red, Blue,
Green and Beige.
Tubes to the bot-
tom for 14 clubs.
Hood and big
pockets

The Tufhorse bag line gives you streamlined styling with colorful combinations of Steerhide and Nylon that attracts the buyer's eye . . . plus the maximum of playing and traveling convenience . . . plus long-lasting quality and craftsmanship . . . plus a respected, long established brand name.

These are the things that profitable sales are made of.

Order from

MacGregor
THE GREATEST NAME IN GOLF

INC. U. S. PAT. OFF.

4861 Spring Grove Ave., Cincinnati, Ohio

Model L-625 —
Leather and
Nylon in Red,
Blue, Green
and Beige. Pear
shaped. Big
clothing pocket
and built-in
hood.



MADE
BY

DES MOINES GLOVE & MANUFACTURING CO.

DES MOINES
IOWA

keeper must consider himself to be the production manager, and not only is it necessary for him to understand all phases of growing of turf, but he must practice business methods.

Subsequent discussion brought out that more club members are satisfied with the greenkeeper's production efforts if he makes daily adjustments to his course to suit the type of play anticipated. All too frequently these adjustments are overlooked, although all they may involve is



Members of the 21st annual Ten Weeks Winter School for Greenkeepers at the Univ. of Mass.

placement of cups and tee markers and changes in height of cut to suit the type and number of players expected. The use of Greenkeeper's Bulletin Boards and cooperation with club professionals were also emphasized.

Labor Prospects, Chairman, Professor Geoffrey Cornish

Attention was drawn to the existing labor shortage. Later discussion indicated that, for the present at least, the shortage is not quite so critical as it might appear at first glance. According to Board members, advertisements in newspapers and inquiries have brought results.

To obtain seasonal labor, the Board mentioned the following sources: High Schools, Colleges, Partially Disabled Veterans, Other Partially Disabled Men, Men in Other Jobs Willing to Work Part Time.

The Board decided that much can be done to hold existing men. From the floor Arthur Anderson outlined the program of the Brae-Burn Country Club where men receive two weeks' vacation, up to two weeks' sick leave, \$1,000 life insurance policy, hospitalization and a Christmas bonus.

Joe Klem of York Golf Club, Hinsdale, Illinois, suggested that clubs should explore the possibility of obtaining displaced persons if labor cannot be found at home.

Fertilizer Economies; Chairman, Dr. William C. Colby, Head of Dept. of Agronomy.

Dr. Colby reviewed the fertilizer situation, giving the following figures to com-

pare supplies in the United States this year over last. Synthetic Nitrogen, up 15 percent; By-products Nitrogen, up 15 percent, Natural Organics, up 5 percent, Imported Nitrogen, up 2 percent, Exported Nitrogen, off 40 percent, Superphosphate, off 10 percent, and Muriate of Potash, up 15 percent.

On the whole, the fertilizer situation looks bright except that Superphosphate is a bottleneck in production of mixed fertilizers. Furthermore, golf course priority is low. Therefore economies are essential.

General methods put forward to effect fertilizer economies include the following:

(a) On acid soils, fertilizers will be more effective if preceded by lime.

(b) Soil analyses effect some saving.

(c) Time of application is important. Applications when there is little or no growth, as in the late fall, very early spring, and in periods of prolonged drought (on non-watered areas), are lost in part before the turf can use it.

(d) Heavy applications are frequently wasteful. In the North East one pound of Nitrogen per 1,000 square feet per month is a normal application to putting greens. On the University of Massachusetts test plots it was found that this monthly rate, applied $\frac{1}{2}$ pound every two weeks for a total of six or seven pounds in the growing season, produced turf equal to that obtained after heavier applications.

(e) Fertilizers require careful storage. Certain types of fertilizers should not be stored for very long periods. One delegate observed that many tons of fertilizers are wasted on golf courses annually through inadequate storage.

Production Assets and Fixed Charges, Chairman, Professor Lawrence S. Dickinson

Important assets frequently overlooked by a club in a crisis are: 1) The superintendent, 2) State College advisory services, 3) Lessons of World War II, 4) Accumulation of good practices over the years which will allow the course to remain in good shape for a few years after cuts are made, and 5) Grass will grow even if neglected.

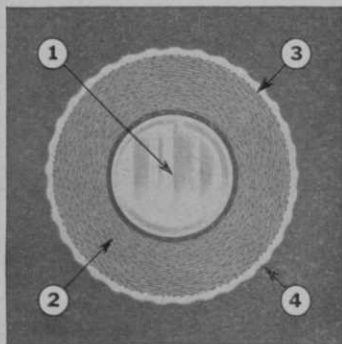
These commonplace assets are often overlooked, but they buffer the crisis.

A half hour was set aside for further suggestions from the audience concerning subjects discussed during the day.

Chet Jenkins of Arthur D. Peterson Company was quoted as saying that it is important for a greenkeeper to play his own course once a week to realize the player's viewpoint.



If we could only
Keep up with the
Extra Demand
for
Dunlop Maxfli's



- 1. QUICK ACTING COLLOIDAL CENTER**
fastest getaway of any ball
- 2. ACTIVATED RUBBER THREAD**
liveliest winding in any ball
- 3. PACKTITE WINDING**
packs more rubber thread on the ball
- 4. PURE NATURAL BALATA COVER**

• So great has been the demand for the Dunlop Maxfli golf ball that we have been literally swamped with orders in spite of increased manufacturing facilities. This year we have again increased our production and sincerely hope that we will be able to keep pace with the tremendous volume of requests for this great ball.

DUNLOP TIRE & RUBBER CORPORATION • SPORTS DIVISION • 500 FIFTH AVENUE • NEW YORK CITY 18



Paul J. Murphy, Little St. Andrews Golf Course, cautioned superintendents that high wages paid help is not always a guarantee of excellent work.

Homer Darling, Juniper Hill Golf Course, observed that Mercury Fungicides have advanced up to 300 percent in price. Cuts will no doubt be necessary in their use this year.

Production Equipment, Chairman, Orville O. Clapper, Pres., Clapper Company of New England

Equipment required on an 18 hole course was listed. Board members estimated that the value of the equipment to be between \$30,000 and \$38,000. Mr. Clapper's figure showed the total value as \$35,000 divided as follows: For Fairway and Rough, \$12,000, For Tees and Greens, \$6,000, For the Shop, \$4,600, Hand Tools, \$1,100, General Equipment, \$7,800, Miscellaneous Equipment, \$3,500.

The importance of a equipment inventory, fire insurance, and a shop was emphasized.

Production Costs—Budget for 1951, Chairman, Professor Lawrence S. Dickinson

The main points mentioned were: 1) A budget should be prepared and broken down to show how money is to be spent. 2) One member stated that he had a five year program for purchasing new equipment. 3) Professor Dickinson stated that a budget should not be thought of as money, but as labor hours, materials and equipment. 4) Superintendents not required by their committees to make a budget, will find one useful. 5) A budget shows the overall planning of a greenkeeper. It is not necessary to live by it down to the last penny. 6) The budget is an indication of professional improvement.

Possible Alterations in Producing Mechanics,

Chairman: Professor Geoffrey Cornish

Methods of making cuts were discussed. When cuts are necessary on a golf course there are two main ways of achieving them: 1) Spreading the butter thin, lopping off a bit here and a bit there, and 2) Cutting out entire units such as one nine, the tennis courts, clubhouse grounds, etc.

It was brought out that if cost analyses have been maintained the superintendent will be in a good position to advise where cuts should be made.

Economies can sometimes be made by

- 1) Raising the height of cut and mowing fewer times per week.
- 2) Narrow the fairways.
- 3) Make fertilizer economies.
- 4) Eliminate some back tees.
- 5) Reduce top-dressing.
- 6) Increase number of mowers in gang.
- 7) Purchase time-saving equip-

ment. 8) Investigate use of Sodium Arsenite on rough in place of mowing.

The Board favored cutting out entire units rather than spreading the butter thin. Quality can then be maintained.

Getting Buyers to Realize the Manufacturing Situation, Chairman, Sherman Moore, Supt., Hollywood GC, Deal, New Jersey.

The buyer of good turf, the player, does not understand what is taking place and what has to be accomplished on a course before it provides pleasurable golf. The following suggestions were made to superintendents to acquaint members with their work: 1) Invite members to inspect the equipment in the tool shed, 2) Carry on conversations with members concerning turf and managerial aspects of course maintenance, 3) Attend conferences and field days—the superintendent will be conspicuous by his absence, 4) Write articles for local newspapers on growing of grass, 5) Maintain cost accounts to show committee and members, 6) Play golf with members, 7) Put up slogans in locker rooms, 8) Praise the course instead of emphasizing its bad features, and 9) Refrain from criticizing your predecessor.

McLaren Heads Midwest Turf Foundation

Mal McLaren, Supt., Oakwood CC, Cleveland, O., was elected Pres., Midwest Turf Foundation at the Foundation's annual meeting held during the Purdue short course. Don Strand, Westmoreland CC, Wilmette, Ill., was elected vp. Dr. Kenyon T. Payne, Purdue geneticist, continues as executive sec. Dr. Fred V. Grau, USGA Green Section; Edward Fifield of City of Gary municipal courses, and L. L. Fontaine, Big Springs CC, Louisville, Ky., were elected Midwest directors.

Retiring Pres. Carl Bretzlaff in his report urged members to get other golf clubs, park board, cemeteries and others commercially interested in turf to participate as members in financing and results of the Midwest research.

Executive Sec. Payne reported 173 members of Midwest Turf Foundation in 7 states and presented summaries of the Foundation's valuable turf research during the previous 12 months.

Need Supplies?
Use GOLFDOM'S BUYERS' SERVICE
(See page 85)

LOWER YOUR SCORE

WITH *First Flight* PERSONALIZED CLUBS

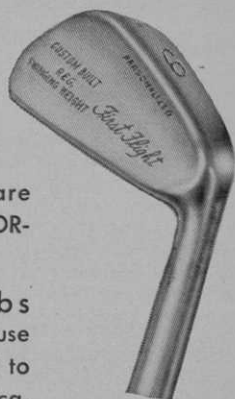


Personalized Registered
Swinging Weight
Woods \$18.75 Each

REMEMBER: Golf clubs are like shoes. THE MOST IMPORTANT thing is a correct fit.

FIRST FLIGHT Clubs are not sold in stores because only a Golf Pro is qualified to determine the correct specifications for improving your game.

THIS CHART IS VOID UNLESS SIGNED BY YOUR PRO



Personalized Registered
Swinging
Weight Irons
\$12.50 Each

Pro's Name _____ Date _____

Address _____ Customer's Name _____

City _____ Zone _____ State _____

Man _____ Lady _____ Righthand _____ Lefthand _____

1. Customer's Height _____ Weight _____ Age _____ Handicap _____ Distance from fingertips to floor _____

2. Shaft: Stiff (S) _____ Medium (T) _____ Swing (A) _____ Lady _____

3. Specify desired length: (Standard driver 43", No. 2 iron 38½") _____

4. Swinging Wt.: Woods _____ Irons _____ Loft: Standard _____ More _____ Less _____

5. Wood Faces: Standard _____ Closed _____ Open _____ Slight Bulge _____ Extra Bulge _____

6. Size of Grip: Small _____ Medium _____ Large _____ Extra Large _____

7. Type of Grip: Leather _____ *All Weather _____ Permagrip _____ *Goodwin _____

Remarks _____

WOOD MODELS
No. 18, Large Head
No. 19, Medium Head

* Small additional charge for all grips other than leather.

Prices subject to Change Without Notice.

GOLFERS PLAYING PRODUCTION-MADE CLUBS SOLD IN STORES USUALLY REMAIN DUFFERS.

SEE YOUR PRO TODAY

Western Sales Representative: E. R. FREDERICKS CO., 416 State Street, Santa Barbara, Calif.

PROFESSIONAL GOLF COMPANY of AMERICA, Inc.
CHATTANOOGA, TENNESSEE

PURDUE'S ANNUAL SCHOOL

(Continued from page 45)

cally. Farnham warned against a school's investing all its athletic funds in stands before the athletic field itself is drained, graded, seeded and fertilized.

Dr. H. B. Musser of Pennsylvania State College discussed his work with highway and airfield turf. He revealed that railroads are now interested in using grass to control slope erosion instead of cinders. Several railroads are now interested in sponsoring grass research since Diesels are replacing coal burning engines.

Dr. Musser showed by slides the results of experiments with fall, late fall, spring and summer plantings of crown vetch, alta fescue, perennial ryegrass and red fescue. Crown vetch appears to hold much promise for highway slope coverage.

Crabgrass and Weeds

E. B. Oyer, Purdue plant physiologist, described the crabgrass control studies conducted during the summer of 1950. M. M. (Mac) Parsons, Indianapolis, told the same section of his success in the use of PMAS in the control of crabgrass on the tees at Highland CC. Finally, Dr. H. B. Grigsby of the Department of Botany and Plant Pathology, Michigan State College, summarized the place and use of chemical controls for crabgrass. He pointed out

that the best control of crabgrass is a good cover of vigorous turf.

Chickweed, Clover and Better Grasses

Another sectional program was divided between the control of "Chickweed and Clover" and "Testing for Better Grasses." Pat Russell, Louisville, Ky., told his chickweed elimination program. By using Milarsenite in the fall, the weed pest was reduced by 80 percent the following spring. LeRoy Jones, Lansing, Michigan, described how his campaign of combining both Milarsenite and Milorganite cleaned up weedy turf on his course. These treatments also eliminate undesirable grasses. "You must keep up fertilization and plant seed of desirable grasses which can take over when crabgrass and clover are eliminated," Jones concluded.

Dr. O. J. Noer explained that the mouse ear chickweed is easier to kill than common chickweed. A prolific seeder, common chickweed is best killed with sodium arsenite applied in repeat applications in late fall. As for clover, Dr. Noer's advice was to try to grow a good crop of grass to compete with the clover on greens.

A suggested program plan on both chickweed and clover control was to treat one-third of the course each year. A combination of 2,4-D and 2,4,5-T was one treatment Dr. Noer suggested. Arsenic

IT'S A MARSHMALLOW WORLD — LIKE HELL FOR SUPT.



This scene at Druid Hills, Atlanta, was shot three weeks before the Druid Hills photograph on the front cover of this issue of GOLFDOM was made. A sleet storm broke thousands of branches off the trees and gave Supt. Everitt Shields heartaches and headaches. Cleaning up also took a bite into his budget. But the Good Lord and hard work got everything in shape for the annual Dogwood tournament. Shields, Mgr. Armand Chapeau and Pro Charley Miller will have the labors of the Georgia Men's State tournament in August and the Women's National Open, Sept. 13-16 added to their schedules this year.

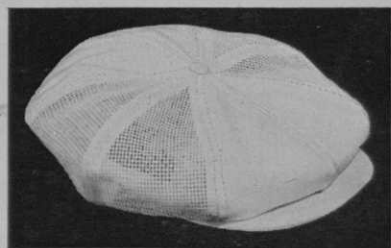
Congo

SUNSHINE HEADWEAR

FOR MEN, WOMEN and CHILDREN

Write today for the latest catalog of twenty-one 1951 models illustrated in smart solid, two-tone, and plaid colors.

Congo is the leading line of caps, visors, and hats for golf, tennis and other outdoor activities. Make your selections now to insure desired delivery.



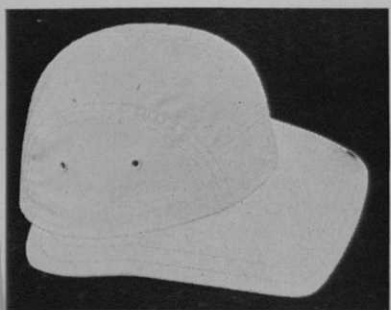
No. 1201 Smart Sports cap in white or tan twill. Made with Texon visor with snap-down front, self underbrim, and white mesh side panels for free air circulation. Small and large sizes with adjustable shirred elastic back.



No. 440 White and tan Twill with airflow sides of white mesh. Texon visor with green underbrim in white cap, tan underbrim in tan cap. Made in small and large sizes with adjustable shirred elastic back.



No. 441 New colorful plaid for men, women, children. Made with solid crown panels, Texon visor with plaid underbrim. Available in small and large sizes with shirred elastic back providing a size range to fit all heads.



No. 701 A brand new original model with more shading area in front and on sides . . . protects face and ears from blistering sun. Natural and tan Poplin, small and large adjustable to sizes.



No. 474 Tennis and all-sports visor made of Twill in pastel shades of green, red, blue, and tan. Self underbrim, Texon visor, felt forehead band, adjustable to size with nickel slides.

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?"

acid and sodium arsenite treatments can be used also, he continued. He warned "Be careful of the acid as it is dangerous to handle."

The Milwaukee turf specialist said that you don't need a complete kill of crabgrass on large areas if you keep it from seeding and at the same time give the desired grasses a chance to grow. He cautioned greenkeepers against overlapping weed killer treatments on fairways. The double dosage may be deadly to the grass.

(To be continued next month)

Cowen Tries Hand at Acting Decides to Stay with Golf



Henry P. Cowen, pres., MacGregor Golf Co. turns actor in this scene taken from the Ben Hogan movie, "Follow the Sun", as he portrays the club president in Fort Worth presenting the first trophy Ben ever won. The part of young Hogan is played by Hal Blake, a non-professional actor selected because of his sound game and beautiful swing. Cowen reports he's staying with the golf business since no options have been taken for his services in further film work. "Follow the Sun", the 20th Century-Fox film featuring Glenn Ford as Hogan and Anne Baxter as Valerie, Ben's wife, is currently being released throughout the country.

Hogan's "Follow the Sun" Tees Off at Ft. Worth

"Follow the Sun", the 20th-Century-Fox movie of Ben Hogan's career had a world premiere at Ft. Worth March 23 that was one of those strictly from Hollywood super-colossal sensational successes. The picture justified the debut which packed three theaters, jammed down-town Ft. Worth with Texas royalty and peasants and alien celebrities. In the midst of the celebration and confusion Ben and Valerie, as might be expected, handled themselves with customary poise and class.

Public reaction to the picture was highly favorable, the film being rated as a story of far better and broader entertainment value than previous sports person-

alities' movies. William Hazlitt Brennan's story, direction by Sidney Lanfield and production by Samuel G. Engel provided a fine set-up for the cast headed by Glenn Ford and Anne Baxter, and including Sam Snead, Jimmy Demaret, Cary Middlecoff, Scotty Chisholm and Grantland Rice. The whole job is pronounced by Variety, the authority on show business, as "a basic human drama of love and courage with an appeal for adult filmgoers." "Its box office possibilities are sound; story and characters real rather than celluloid," Variety adds.

The film is the top championship performance in a sports picture and will do a great job of golf promotion.

GROUP INSTRUCTION

(Continued from page 49)

and who believe the grip means everything will shudder and throw up their hands.

What do you see in individual private lessons? More often than not you see a pro tinkering with the pupil's hands. The question I ask is, "does this ruin the lesson"? Would it not be better to stress swing points through the swing session and then at the conclusion of the 30 or 60 minute period give the pupil a definite grip assignment to work on in the interim?

The class method I am trying is to introduce the grip by degrees. Early in the class series a group is lined up and the three knuckle position of the backhand is explained and every pupil's backhand is personally checked or placed. Stress is placed on the pressure with the palm and the last three fingers on the balancing effect of the left thumb on the side of the shaft.

Then the grip as an entity is demonstrated but no explanations given. The class was asked to get the general idea of hand placement by observation. They were warned that the placement of the forehand gave rise to difficulties. There then would follow several weeks of three times per week of swing development.

After the interest had been built up, after the students had developed some skill in swinging and in striking the ball, then they were given the business of the grip.

The take on the grip seemed better then. Maybe it was my imagination. Further experimentation with groups will tell.

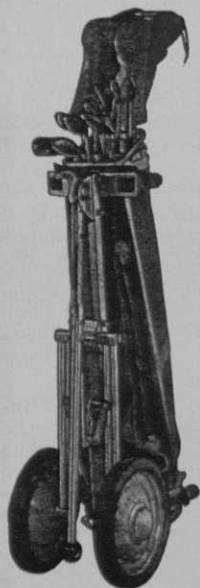
Two observations on grip development: First, when you introduce the more-or-less standard three knuckle grip to beginners, you have a group of potential slicers unless the Frank Walsh non-slice counter-clockwise exercise with the left hand is brought in as a parallel development.

PATENTED

KADDIE KART PRODUCTS

MANUFACTURED BY KADDIE KART MFG. CO.
AND ITS AFFILIATED COMPANIES
GOLF CART SUPPLY SERVICE and CHAMBERLIN METAL PRODUCTS
1466 W. MADISON ST. SECOND FLOOR CHICAGO 7, ILL.

GOLFERS
Ko-lap-si Kart
TRADE MARK



Four New Models

TYPE T 11
ELEVEN INCH WHEELS
LIST PRICE \$29.95

TYPE T 14
FOURTEEN INCH WHEELS
LIST PRICE \$33.95

SPECIAL OFFER TO PROS AND CLUB BUYERS

SENT AS TRIAL OFFER
EXPRESS PREPAID
TWO T-14 — \$43.90
TWO T-11 — \$39.20
ONE T-11 & ONE
T-14 — \$41.55

Patented
Automatic Golf Cart

1. Drop the handle — it folds.
2. Lift the handle — it opens.
3. All Steel construction.
4. No buttons, rods, legs or arms to push or pull. No thumb screws, wing nuts, ratchets to twist, adjust or keep tight.
5. It stands erect either closed or open. Type T 14 folds to 11 3/4". Type T 11 folds to 9 3/4".
6. Compensated shock-absorbing, with flexible body torsion to eliminate jars and jolts.

— PATENTED —
Kaddie Kart

THE RENTAL KART



**BUY
DIRECT
FROM
FACTORY**

**NO
MIDDLE
MAN**

The strongest most serviceable Kart made. Interchangeable parts, low upkeep. Balances any weight bag without adjustment. Strong steel construction. Large 14-inch wheels or 11-inch wheels, ball bearings factory packed for five years' service. Two axle widths. Demountable axles, frames, handles. Immediate delivery. Write for information.

NEW LOW PRICES — ORDER NOW

GOLF CART SUPPLY — CHAMBERLIN METAL PRODUCTS

1466 W. Madison Street, 2nd floor, Chicago 7, Illinois

Please ship Koplasi Karts Type T-14 \$33.95 Type T-11 \$29.95
Enclose \$

Please send information and wholesale prices on Koplasi Karts for resale Kaddie Karts for rental fleet. We are interested in buying leasing

Name City & State

Address

Club Position

Secondly, there seems to be quite a barrier to placing the forehand in the conventional golf position. You can explain until you are blue in the face that the forehand is brought up to the club as though it were an open handed slap, and still you have the problem. It must be more comfortable to hold the driving forehand around to the side and under the club. Beginners don't take too well, either, to forming the hook with thumb and forefinger of the forehand.

Group Instruction Observations

If you work for a college and teach golf, your classes should be filled.

Young people of school age are used to learning in classes and make your job easier for you.

Women at any stage of their golfing life are temperamentally suited to the group approach. They are not in a hurry.

Exercises are sure-fire for groups. Have about a dozen of these and develop calls for them and your job is a lot easier. Exercises only go so far, then they want the real thing but they help in the conduct of a class.

Stories about your experiences, about colorful golfers or famous courses enliven a class and make it easier for students to remember points.

Indoors in the nets you can start

equally well with either the big swing, short swing, or putt.

Out-of-doors it is better to start on the green and progressively work up.

Size of class? If you get more than 20 in a golf group, you are in trouble.

Be sure you teach a non-slice swing to beginners.

Rules and etiquette should come in for their just share. The students want a lot of both.

Stress safety. It pays.

Use visual aids such as golf picturebooks, movies, snap-shots, slide films, etc.

Have a lesson plan, have a method, and explain it to the class.

Have several frameworks or standard types of hourly class sessions.

Limit lectures to 15 minutes. An intricate skill such as golf is learned more by doing than being talked about.

Plan your class groupings, for lectures, exercises, hitting of balls, demonstrations, etc.

Make golf literature available.

Repetition is very much in order.

Give them the works on body movement. Then the base for the swing has been established.

Teach golf to motion. Get a golfer moving and swinging as opposed to introducing swing points by fixed positions. Move-

The one outstanding GOLF GLOVE
sure to stand out in 1951 pro sales

THE NEW PERMATAK GOLF GLOVE

☆ **Its tacky grip sells it!** With a new type of leather, treated with a specially developed cod-oil emulsion, we've achieved in the new Permatak a permanently tacky glove-grip bond to be found in no other golf glove. And, the oil tannage gives its paper-thin leather added strength that outlasts gloves of heavier weight.

☆ **Its improved design sells it!** Permatak is the perfect combination of lasting grip-ease service, smart styling and, hand protection and comfort. Its back of vat-dyed mercerized cotton mesh and its vented fingers completely ventilate the hand. Three woven elastic ribbons across its mesh back assure lasting snug-ease fit.

☆ **The "Tack Test" sells it!** Let us tell you about the simple test that proves the superior tacky gripping of the Permatak Golf Glove. We believe you'll agree it's the perfect golf glove.

Men's & Ladies — Rights, Lefts and Pairs
Available in assorted colors.



For complete information write:

Howard Scoggins Golf Co.

Wholesalers to America's Golf Professionals

DUNEDIN, FLA.