

standing of turf problems. It is entirely possible that it may also help to strengthen the position of the golf course supt. as the professional man which he is.

Trick Shot Artist, Paul Hahn To Star in Movie Short



Paul Hahn, trick shot artist, has been made the star of a Grantland Rice Sport-light film to be released through Paramount Pictures.

Aside from its entertainment value, the film should be helpful for duffers for it carries a distinct clinical flavor. Hahn first exhibits fine classic form, the aim of every golfer, and then refutes his own arguments with the aid of artificial and physical liabilities without sacrificing either distance or control. To the spectator, the performance pins good golf down to timing and coordination. It is an entertaining film for golfers and non-golfers alike.

Everything said about pro shop merchandising adds up to the pro answering "how can I get this golfer using something that will give him (or her) more pleasure out of the game at a price that really is a bargain in enjoyment?"

—Maurie Wells
Professional, Cascade CC
Grand Rapids, Mich.

Eric Cremin's "Par Golf" Clear Picture Teaching

Eric Cremin, Australian pro star, has produced "Par Golf", published by Angus & Robertson Ltd., Sydney, Australia. American agents are Anglobooks, 55 E. Washington st., Chicago. Cremin is a sound player. His text is brief and to the point and clear. A good part of the instruction is done by exceptionally clear and informative action pictures. The photography is exact, with the lens being at a spot where the ball shows accurately its position with respect to the feet.

A feature of the book is some instruc-

tion and illustrations for left-handers. Cremin played both left-handed and right-handed before settling on right-handed.

Golf Club Manufacturers Report Total Sales

Figures submitted by the member companies of the National Association of Golf Club Manufacturers show a total of 3,067,470 clubs sold between November 1, 1951 and October 31, 1952. Of this total 2,138,529 were irons and 928,941 were woods.

This compares with a total of 3,371,631 clubs reported sold for the previous corresponding period ending October 31, 1951.

Member companies of the Association anticipate an increase in sales volume for 1953 and indicate they will be in a position to take care of their customers' requirements.

UNIVERSAL'S NEW TROPHY BOOK

Available for club events chairmen and pros is the new 60 page trophy catalog of Universal Sports and Awards, 515 S. Wabash, Chicago 5, Ill., the largest and most complete they've ever published. 1500 items are shown, including trophies, cups, plaques, medals, etc., with many newly designed models. Several pages are devoted to economy award items with the complete line embracing a wide range of prices. Catalog upon request.



VICTOR EAST WITH FAWICK FLEXI-GRIP COMPANY



J. Victor East

J. Victor East with a background of 50 years of research, design and sales experience in golf joins the Fawick Flexi-Grip Co. of Akron, Ohio as director of golf research and promotion, it has been announced by Exec. VP James Karns.

Recently retired with Wilson Sporting Goods Co. after an 11 year association East previously had held an important position with Spalding and during 1922 and 1923 manufactured golf clubs in his own business in North Carolina.

An outstanding competitor in his play-

ing days, East qualified for the British Open in 1921 at St. Andrews and for the U. S. Open in 1921 and 1925.

In commenting on the appointment, Karns said, "We are happy to avail ourselves of J. Victor East's vast experience. We feel certain this association will contribute substantially to the further expansion and development of our organization."

MAKES QUICK WORK OF EARTH MOVING



New Chamberlain, South Dakota golf course takes shape rapidly under the supervision of architect Robert Bruce Harris. These big International TD-18A crawler tractors used by the contractor who handled the big earth moving work on the new course, put the course in shape for final grading and seeding in a minimum of time.

GOLF PRIDE HAS NOVEL DISPLAY



Illustrated is the new Golf Pride point-of-purchase pro shop display which The Fawick Flexi-Grip Co., Akron, O., is supplying to more than 2,000 pros this spring. A counter-board holds an actual Golf Pride grip extending out at an angle that tempts the pro shop customers to grasp it and get the feel of the grip's new "Rib-Lock" feature. Advantages of the grip are imprinted on the board.

RYAN'S IMPROVED OK SEEDER and SPREADER

Built Today for Years Ahead Service

NOW BETTER DISTRIBUTION
NOW BETTER BALANCE
NOW EASIER PUSHING
NOW LARGER CAPACITY



America's Best Machine for TOP DRESSING · FERTILIZING · SEEDING

Adjustable Control Lever on the Handle

No Holes to Clog • Easy to Fill and Operate
 No Intricate Mechanism to Fail

LIGHTWEIGHT — 66 Pounds; CAPACITY — Four Cubic Feet;
 SPREADS — Swath 3 Feet Wide; Forced Direct Feed, Therefore No Ridges or Gaps.

Write for Circular and Nearest Distributor

H. & R. MANUFACTURING CO.
 3463 Motor Ave. Los Angeles 34, Calif.



Get Beautiful Greens INEXPENSIVELY

Spike-Disc No. 30

Available with two handles for two man operation — No. 32
 Tractor type temporarily withdrawn.

Aerate with a SPIKE-DISC

The inexpensive Dunham Spike-Disc consists of two rows of discs armed with long knife-like blades. It cultivates and aerates in one simple operation. Regular use of the Spike-Disc will give you healthy beautiful greens.

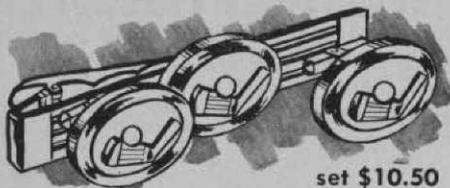
The knife-like blades of the Spike-Disc cut unnoticeable slots to the root areas allowing moisture to go down where it will do the most good. The Spike-Disc leaves no ugly holes or dirt plugs on the green.

Manufactured by Ohio Machine Products, Inc. Columbus, Ohio
 Manufacturers of the Dunham Hand and Fairway Water-Weight Rollers.

Write for full information to: Dept. G2

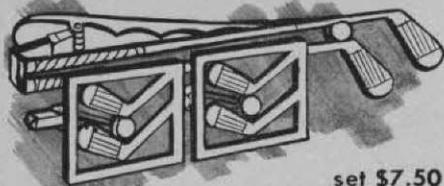
JOHN H. GRAHAM & CO., INC., Sales Agent
 105 Duane St., New York, N. Y.

Trophy Jewelry Awards



set \$10.50

P-30 . . . 1/20-12 carat Anson gold-filled setting, mother of pearl bkgd. Attractive metal green suede covered box.

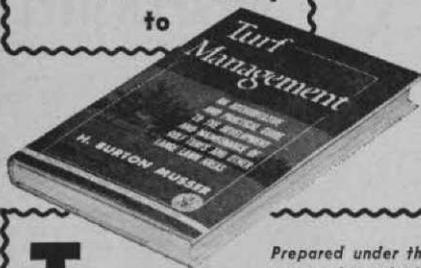


set \$7.50

G-30 . . . 1/20 carat Anson gold-filled setting Attractive metal green suede box.

House of Williams
37 S. Wabash, Chicago 3, Ill.

The only book
devoted exclusively
to



Prepared under the
sponsorship of the
U. S. Golf Associ-
ation. Illustrated.

TURF MANAGEMENT

By **H. BURTON MUSSER**. "This comprehensive and practical manual of golf course turf work is not only an on-the-job working guide book and reference volume of great value for those responsible for golf course and other large turf area maintenance, but is a landmark in scientific fine turf development . . . the answer to the oft-expressed need for a working textbook on golf turf." — *Golfdom*

\$7.00 at all bookstores

McGraw-Hill Book Co., New York 36

BRIGGS AND STRATTON PRODUCES RECORD MILLION ENGINES

Leader in the manufacture of single cylinder, 4-cycle air-cooled, gasoline engines, the Briggs & Stratton Corp. of Milwaukee recently reported a record-breaking first in the industry as the 1,000,000th engine produced in 1952 rolled off the assembly line. It is the first time a manufacturer of industrial type gasoline engines has achieved a production record of this kind.

Current gasoline engine models manufactured in sizes ranging from $\frac{3}{4}$ to $8\frac{1}{4}$ horsepower developed from the Briggs & Stratton "Motor Wheel" first used in 1919 to power bicycles, then buckboards, then scooters. A year later the company produced the Model P, one of the first single cylinder, 4-cycle, air-cooled gasoline engines to be used for industrial applications. Today the engine is put to a wide variety of uses.

Some of the more practical and important uses made of Briggs and Stratton engines on golf courses include: power scythes, greens mowers, Aerifiers, compost mixers, power saws, power sprayers,



C. L. Coughlin, president, Briggs & Stratton Corp., Milwaukee, Wis., proudly shows placard pointing up the company's latest achievement in building, selling and shipping more than 1,000,000 industrial gasoline engines in the year of 1952. Gen. sales mgr. F. P. Stratton (L) and E. V. Oehler, v-p in charge of sales, join pres. Coughlin in honoring the occasion.

power sweepers, rollers, sodcutters and pumps.

C. L. Coughlin, Briggs & Stratton president, cites many reasons for the company's eminence in the industry but takes special pride in the company as "one more example of the American way of doing things by mass production for the benefit of the most."

He explained that in 1924 Briggs and Stratton engines sold for an average price

SELL PAR TUBES NOW! WHY WAIT?



PAR TUBES As Used In Individual Compartment or Slot Type Bags

The demand is terrific and the profits are quick. PAR TUBES superior construction proves them tops in the field. A *Must* for any golfer who wants to protect his grips the full bag length and obtain a friction-proof bag with an individual compartment for each club. PAR TUBES are dropped into oval or round type bags allowing a numerical arrangement of clubs. PAR TUBES fit into and strengthen individual compartment bags, allowing full free use of EVERY compartment.

PAR TUBES are Strong — Moistureproof — They are endorsed by Pros and Amateurs alike as a great idea for keeping grips in fine condition and protecting clubs against marring by careless handling.

Packed in cartons of 42 and 144

Contact Your Local Distributor or

PAR TUBE — 5710 W. DAKIN ST.,
CHICAGO 34, ILLINOIS



Oval or Round Type Bags

of \$76.48 per horsepower. By 1950 the average price per horsepower had reached a low of \$13.65.

Despite an increase of more than 100% in the costs of purchased materials in 1952, as compared to 1940, despite labor costs that more than doubled in the same period and despite the greatly increased tax load and general cost of doing business, the average price per horsepower increased only 1.4% over 1940. Advanced engineering, operating efficiencies, and precision mass production are credited for this accomplishment.

"Today, five horsepower can be purchased for about the same price that one horsepower formerly cost," Coughlin pointed out. "This accomplishment has broadened old and opened new markets for our engines and contributed considerably to our 1952 production record."

TOP DRESSING SPREADER

H. & R. Mfg. Co., 3463 Motor Ave., L. A. 34, Calif., announce their new forced seeder and spreader. Weighing 66 lbs., with a hopper capacity of four cubic feet, its swath spread is three feet. Oilless

bearings, sealed against dirt and grit, extra wide wheels to prevent marring of turf, and an open type rotor are some of the features to be found in this distributor.

USEFUL CALCULATIONS IN BOOK FOR SUPTS.

Mamalon Co., 1091 Whalley ave., New Haven 15, Conn., has a book on "Chemical Calculations in Turf Management" which supts. will find helpful. The book was received with warm approval at the GCSA convention. A copy of it may be had by any supt. making request direct to Mamalon.

MacGREGOR DESIGNS GOLF BAG FOR USE ON ALL TYPES OF BAG CARTS

MacGregor Golf has a new "Buggy Bag" golf bag which is the first bag designed specially for use on all types of bag carts. It has a sliding top cuff of reinforced natural Tuftan steerhide which can be adjusted easily to be firmly attached to the cart.

The bottom cuff, also of steerhide, has

A New, Sure-Fire Pro Shop Seller IRON HOOD COVERS

Now — you can offer your players the same protection for their irons as they have for their woods. Lightweight, water-proof leather. On or off in a jiffy and each hood plainly numbered. Every set of irons in your bag racks represents a prospective sale. Here's a new pro shop item that's really going to move. Better order — today.

These sets are available in six different colors, Red, Blue, Green, Black, Fawn and Gray. Numerals are embossed with 24 carat gold leaf.

Set of 8 retails at \$3.50. With wedge hood included — \$3.95

Usual golf professional discount.

Display them on a set of irons and watch them sell.

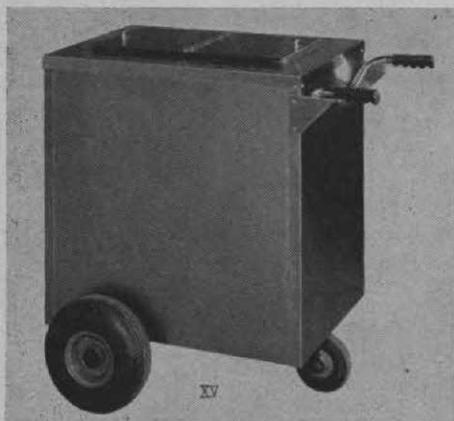
Superior Welting Co., Brook & Market Sts., LOUISVILLE 2, KY.



a metal plate riveted to the bottom to prevent scuffing or punch marks from the cart. The bag is made of pearl-gray canvas.

A combination ball and clothing pocket is on one side of the bag.

ROLLING ICE CART FOR GOLF CLUBS



The Gennett rolling ice cart is a natural companion to the portable bars set up on club porches or by the swimming pool. It is also a great aid in transporting shaved and cubed ice from any central point to the bar, grill, dining room and kitchen. Additional information may be secured by writing the Gennett Manufacturing Co., at 3 Main St., Richmond, Ind.

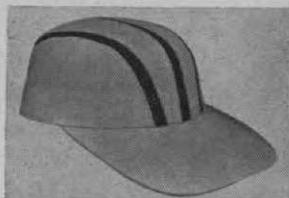
KUNKEL'S NEW K-KART, JR.



Kunkel Industries, 2358 Clybourn, Chicago 14, announce the new K-Kart, Jr., especially designed for the "Budget Minded" golfer. Redesigned for economy production, but with the same quality material used in the K-Kart, it features 10" all aluminum, ball-bearing wheels, smooth tread tires that discourage clinging mud, adjustable handle, bag bracket for all types of bags, light weight of 12½ lbs., and easily worked collapsible action.

SCOGGINS HAS RAINGLOVES IN PAIRS

Scoggins Co., Dunedin, Fla., has a new item of top quality milanese cotton rain gloves that are excellent for cool- and rainy-weather play. They retail for \$3 a pair. They have nylon backs and are available in four color combinations.



CONGO'S MODEL 571

Among the several smart, practical new models in the 1953 Congo line by

Brearley Co., Rockford, Ill., is model 571 shown above. Made of fine Moyra cloth in natural color with unique brown braid trim that ventilates the head. There are three sizes with elastic back.

NEW CERTIFICATE FOR MacGREGOR HOLE-IN-ONE CLUB



MacGregor Golf Co., Cincinnati, has designed a new Hole-in-One Club Certificate to be presented to each golfer scoring an ace while using a MacGregor club or ball. Name of the lucky golfer joining the ace group club will be hand-lettered at top of an attractive red and black, plaid-bordered certificate which is suitable for framing. Certificate available through pro shops.

WORTHINGTON DEVELOPS NEW ROTARY GANG UNIT

Worthington Mower Co., Stroudsburg, Pa., presents a new idea in big-area mowing, the three-gang Rotary Blitzer. Each of the individual rotary cutting units is powered by a heavy-duty 13.3 hp. engine.

COMPARE — and you'll insist on HENRY GOLF BALL WASHERS

- ★ **CLEAN** • Dirty water can't splash; no brushes to rot.
- SAFE** • All-over "massage" action gentle on ball point.
- THRIFTY** • Serving year 'round course for 12 years.
- BEAUTY** • Trim design, silver coated — dresses up tees.
- SERVICE** • Long life rubber liners replaceable; oil impregnated bearings. Speedy parts delivery.

Henry Golf Ball Washer—A. C. Schendel, Distributor
Waukesha 5, Wisconsin



BALL
WASHER
\$12.75
TEE DATA
PLATE
\$1.25

*Send score card when ordering tee data plates
PRICES F.O.B. WAUKESHA

Power at the blade is independent of the towing vehicle. With separate engines the Worthington Rotary Blitzer has adequate cutting power at all times regardless of the density of growth. Elimination of power take-off permits use of almost any type of towing unit, allows greater freedom on turns and a higher travel speed.

Tests show that with its 17-foot swath,



Worthington New 3-Gang Rotary Blitzer with individually-powered units.

the Worthington Rotary Blitzer can cut as much as 10 acres per hour at a 5 mph. towing speed. Company officials state this is more than double the acreage which can be mowed by a power take-off type unit.

WAR-MUP WEIGHTED HOOD FEATURES SWINGHOOD'S HEAD COVER LINE

Swinghood, Inc., P. O. Box 1497, South Miami, Fla., reports brisk pro ordering of their 1953 head cover sets, each set of which includes one of their patented WAR-MUP weighted golf hoods for swing practice. The weighted hood resembles the other hoods of the set and serves as one of the head covers, but is weighted and equipped with a snap strap which holds it securely to the wood head for heavy-head practice swinging strongly stressed by instructors and pros for wrist, grip and swing development. The WAR-MUP weighted hood is available as an individual unit as well as a unit of their head cover sets. It is sold on a money back guaranteed. Complete information from the manufacturers at above address.

ACUSHNET TO RUN BIGGEST CONSUMER AD CAMPAIGN

Beginning with April issues, the new Acushnet golf ball advertising campaign will run in 2-color, full pages in the Saturday Evening Post and Holiday and in 2-color, 2/3 pages in Time, Newsweek and the New Yorker.

The selling theme of the campaign is an "educational" one. The advertisements are

SOFTEN YOUR GREENS AND TEES WITH Coarse UNIFORM SILICA AGGREGATE

(Free from packing fines)

SEND FOR SAMPLE FOR YOUR

GREENS — No. 816
TEES — No. 612

CONSTRUCTION — No. 612
TRAPS — No. 1220 or 1630

Priced in bags or bulk — Shipped by truck or rail

INDUSTRIAL SILICA CORPORATION

Phone 45125

315 Stambaugh Bldg.

YOUNGSTOWN, OHIO

**YOUR BETTER BUY
in OUTDOOR HYDRANTS and
FOUNTAINS!**

- Non-Freezing • Vandal-proof
- Practically trouble-free

Write for Catalog.
The Murdock Mfg. & Sup. Co.
Cincinnati 2, Ohio

MURDOCK

**OUTDOOR
DRINKING FOUNTAINS
HYDRANTS
LAWN HOSE BOXES**



Use

WEEDANOL

2, 4-D Formulations

For Lowest Cost Weed Control

Ask Your Dealer

ASSOCIATED CHEMISTS, INC.

North Collins, N. Y.

designed to advise each golfer just which one of Acushnet's leading balls — Titleist, Finalist and Bedford — is best suited for his particular type of game.

Further, the copy will suggest that the player seek the help of his pro in making this decision — and each pro will be provided with the new Acushnet Golf Ball Guide to help in the analysis.

The new Acushnet advertising will reach over 40 million readers between April 15th and July 4th. This is the heaviest concentration of consumer advertising Acushnet has ever planned during the spring and summer seasons.

**DEVELOP-PAR — PRACTICE AID SOON
READY FOR PRO SELLING**

Eddie Williams, pro at Louisville CC, Louisville, Ky., and one of golf's most active and progressive instructors, has perfected a new practice aid soon to be marketed thru the golf pros. Appropriately named "The Develop-Par" it consists of a hexagonal weighted tube about 8 in. long and 4 in. in diameter joined to the grip end of a golf shaft a short distance below the grip. Imprinted on the hexagonal sides are instructions for players'

use in developing sound swinging action. Eddie showed samples of his "Develop-Par" at Dunedin, Fla., during the recent PGA Senior's Championship, an event in which he has been dynamic in promoting, and reports enthusiastic comment from many prominent pro instructors who tried it out.

Bill Tollner, well known golf salesman, now with M. S. Marabon, 29 Hutchinson Blvd., Mt. Vernon, N. Y., handling Golfcraft clubs and Burton bags of Marabon's line.

**POOL AND SHOWER CHEMICAL
ACTION CLEANER**

Saf-T-Klenz, product developed especially for removing rust stains, lime deposit, soap oil, body grease, algae formation and other discoloration from shower stalls and swimming pools, has been made available by Berman Chemical Co., 709 Superior Street, Toledo 4, Ohio.

The manufacturer says it cleans quickly even when hard rubbing and ordinary cleaners have failed. Saf-T-Klenz comes in dry powder form and is harmless to skin, clothing, floor or drains. Simply sprinkle the powder on damp surface, mop

**Monroe FOLDING
BANQUET
TABLES**

Direct Prices and
Discounts to
Golf Clubs,
Lodges,
Parks,



Hotels,
Churches and
All Organizations

WRITE FOR
CATALOG

Manufactured By

THE Monroe COMPANY
12 CHURCH STREET COLFAX, IOWA

• GRASS SEEDS

- Brown Patch Remedies
- Fungicides
- Fertilizers
- Golf Course Supplies

Send for new price list or phone
Alex Schlmeyer or John Melady

Vaughan's SEED COMPANY

47 Barclay St.

New York 7, N.Y.

BARCLAY 7-4020

QUICKIE GOLF PRO

The new illustrated instruction chart that is chained to the golf bag, where the golfer can't forget it.

This plastic weatherproof chart has the acceptance of many pros for teaching beginners and conducting mens' and womens' clinics. Retail for \$1.00 with usual pro discount. Point of sale display card with orders of 12 or more. If not available from your local jobber, write for illustrated folder and complete information. A few jobber territories still open.

QUICKIE GOLF PRO

6216 So. Francisco Ave. Chicago 29, Ill.

POW-R-GRIP GOLF GLOVES

For the Golf Professional Trade



Styled and designed for better golfing. Manufactured from selected imported leather, by *Master Craftsman.

Write for prices and literature
Manufactured by
PERRELLA GOLF GLOVES INC.
Gloversville, N. Y.

Available in a complete range of sizes for men and ladies.

*A Tablecut Glove

and flush with clear water. It leaves floors practically slip-proof and minimizes conditions that breed and spread infectious germs.

Free sample sent on request.

GOLFCRAFT EXCLUSIVE DISTRIBUTOR OF FRANK JOHNSTON PUTTERS

Golcraft announces exclusive distributorship of the Frank Johnston novelty putters. The entire line of 18 models will be ready for order shipment in April. Added improvements to the line and a brochure showing full listings and photographs will be out soon. Formerly distributed only on the Pacific Coast, GOLFCRAFT will make these popular putters available to all sections of the country.

NEW TOPS FOR MONROE TABLES

Monroe Folding Tables are now available with special tops of Beauty Bonded Formica, Ornacel and Plasticel. With Formica, they offer a shining, light wood grained, satin finish. The Ornacel and Plasticel tops come with either gleaming, bright blonde or rich, lustrous brown finish.

These tables are especially useful where

large numbers are to be fed as there is no necessity to use a covering cloth. The tables may be rapidly cleared and wiped clean with just a damp cloth if another seating is desired. The manufacturer says



they will "take anything" except burning cigarettes.

All Monroe Folding Pedestal Tables feature rigid chassis, non-tip design, flat stacking and storage ease, and no knee interference.

For the new catalog with full color section describing the special top, write to The Monroe Company, 12 Church Street, Colfax, Iowa.

GOLF RANGES

MINIATURE COURSES

We can furnish you
COMPLETELY

Prices and Details on Request

EASTERN GOLF CO.

2537 BOSTON RD.

BRONX 67, N. Y.



Dept. A

GOLF'S TOP EXHIBITION JOE KIRKWOOD

Master of Golf Magic

with his entertaining and instructive

TRICK SHOT SHOW and CLINIC

For Booking Details Write:

JOE KIRKWOOD

133 South Wild Olive,

Daytona Beach, Florida

GOLF PRINTING

Score Cards
 Charge Check Books
 Greens Maintenance Systems
 Stationery for Club and Pro
 Handicap Cards and Panels
 Fibre Bag Tags and Hooks

VESTAL CO., 701 S. LaSalle
 Chicago 5 Phone: Harrison 7-6314
 Established 1912

Rave Notices for "CADDY TIPS"



"A contribution to game of golf."
 — United Press

"Caddies get advice on how to win friends . . ." — Quick Magazine

"Sparkling piece of work that could be used to good advantage by every golf course." — Earl Flora, Journal Sports Editor

"Many clubs would be wise to provide it for members as well as caddies." — Brad Wilson, Dispatch Sports Editor

Send check or money order for 2-color, 16-page caddy trainer-recruiter booklet. Only 25c each in bulk orders.

NICHOLAS POPA, 331 W. South St. Worthington, Ohio

EVERYTHING IN GOLF AWARDS

SEND FOR FREE CATALOG

R. S. OWENS & CO.

2039G W. 13th St.

CHICAGO 8, ILL.

RUBBER TIRE TEE MATS

36" x 60" \$12.00 Ea. 46" x 60" \$16.00 Ea.
 Freight Prepaid

TIRE LINK MATS

Any Size — to your specifications —
 66c Per Square Foot

RUBBER TEES

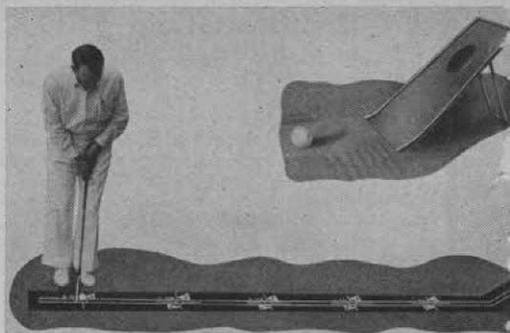
\$2.00 Per Dozen

Write for Illustrated Folder
 and Complete Information

ASHLAND RUBBER MAT COMPANY

1219 ELM ST.

ASHLAND, OHIO



PARRIS PUTT-TRAINER IS PRO SHOP SALES FEATURE

Parris Mfg. Co., Savannah, Tenn., has a Putt-Trainer consisting of 9 putting locations laid out on a heavy durable canvas foundation above speed of a keen green and with an all-metal Rol-back cup at the end of the 11½ ft. long and 9 in. wide putting surface.

A very helpful feature of the Parris Putt-Trainer is the lining indicators on the putting surface which help the user develop the habit of sighting putts accurately and keeping the face of the putter squarely across the line to the cup.

The device got a big play at the recent Sports Goods show in New York and was bought in quantities by a number of pros who planned to use one in the shop and sell the rest to their members.

Liquid formulation of endothal for clover control experimented with by research men and supts. this summer with results still underdetermined, although tests of the material powdered and dissolved in water showed satisfactory results.

WININGER JOINS WILSON STAFF

Francis "Bo" Winger, former amateur and present Oklahoma City G&CC pro, has joined the Wilson Advisory Staff. He celebrated the occasion of his enrollment by establishing a personal 72-hole record

Driving Range BALLS

Rewashed and re-enameled
 \$2 per dozen. 24¢ allowance
 on cut golf balls.

McDONALD & SON GOLF CO.
 Telephone West Chicago 50 **WEST CHICAGO, ILL.**

of 278 to tie for second in the Phoenix (Ariz.) Open, first tourney following his signing with Wilson. This was followed by a fine finish during the Tucson (Ariz.) Open—as Bo came home with a six under par 64 on the final day to exceed his 72-hole record by seven strokes.

NEW NADCO "77" CADDY MASTER FOLDING CART

A new Caddy Master Golf Cart, the Nadco "77", is being marketed by the National Die Casting Co., 3635 W. Touhy Ave., Chicago 45, Ill. The "77" opens or closes automatically in 3 seconds with Nadco's exclusive "trigger-fast folding action." Wheels drop into place automatically. Axle folds at center, automatically lifting wheels. Rigidity is assured with Nadco's triangular construction. The "77" folds to a compact 9-in. width for easy storage in locker with bag, or trunk of



car. Designed for long use, Model CM-77 is made of rigid, rust-resistant aluminum tubing and reinforced die cast parts with sturdy upright chrome-plated steel shaft. Scientifically balanced, Caddy Master "77" rolls easily on 10-in. wheels with oilite bearings and 1 $\frac{1}{4}$ -in. semi-pneumatic, puncture-proof tires. It is adjustable to user's height and to size of bag, and is easily handled, weighing only 11 $\frac{1}{2}$ lbs. It is guaranteed for one year against defects in materials and workmanship.

AMERICA'S BIGGEST SELECTION of GOLF AWARDS



A complete selection of golf trophies, cups, and plaques for tournaments and banquets. Immediate delivery from stock.

Send for catalogue No. G12

UNIVERSAL SPORTS AND AWARDS

Division of Universal Bowling & Billiard Supply
515 S. Wabash Ave. — Chicago 5, Ill.
Tel. W 4400 2-5956



TEE MATS

★ For the **FINEST, LONGEST-WEARING** and **MOST ECONOMIC** Tee Mat on the Market! *Nationally acclaimed by golf clubs and ranges as the best buy.*

★ SEND TODAY FOR LOW PRICES

Merchants Tire Co., 2710 Washington, St. Louis 3



PRO-GRIP

is prepared especially for the leather grips of Golf Clubs. It gives a firm, tacky grip with light hand pressure, permitting an easy relaxing rhythmic swing.

Your Accuracy will improve, you'll feel relaxed — and those "Extra Strokes" will vanish.

Manufacturer's Specialty Co., Inc.

2736 Sidney Street

St. Louis 4, Missouri



GET THE BEST

GOLF SUPPLIES

by *Wittek*

GOLF RANGE SUPPLY CATALOG

WITTEK GOLF RANGE SUPPLY CO.

GOLFERS equipment and accessories as well as RANGE supplies and equipment may be conveniently ordered from the WITTEK GOLF SUPPLY CATALOG. Send for new 1953 catalog.

Wittek GOLF RANGE SUPPLY CO.
5128 W. North Ave. Chicago 39, Ill.

James G. Harrison

GOLF COURSE ARCHITECT

Member:
American Society of Golf Course Architects

R. D. #3, Box 372
Phone — Valley 3-3444

Turtle Creek, Pa.
Suburb of Pittsburgh

ROBERT TRENT JONES

Member:
American Society of Golf Course Architects

Golf Course Architect

20 Vesey Street

Tel: Rector 2-2258
NEW YORK, N. Y.

PRINTED SCORECARDS AND FORMS FOR CLUBS AND PROFESSIONALS

Printing scorecards and other forms for golf and country clubs and golf professionals has been a specialty of the Vestal Co., 703 S. LaSalle St., Chicago 5, Ill., since 1912. Standard scorecards in four distinctively different styles have the added feature this year of double yardage and double par with one handicap, printed in two colors on strong white index stock. Because quantity production reduces cost to a minimum, the Vestal Co. says it can produce this card for less money than a card printed in one color. Bag tags, guest tags, caddie cards, charge checks and starting sheets are also offered. Samples and prices sent on request.

"KEEP WARM"—NEW TYPE OF GARMENT OFFERS PROS ADDED APPAREL SALES

One of the newest items in pro-only apparel for 1953 is the Golfer's KEEP WARM—a light weight blouse type under jacket being introduced by Grant A. Barnett, 707 Main Street, Buffalo 3, N. Y.

The KEEP WARM, worn over a tee shirt and under a regular shirt, keeps the golfer's torso warm and protected from rain, cold and wind. Made of neoprene coated nylon, and containing no rubber,

it allows freedom of swinging action. Its extra length protects the hip area.

"Golfers' KEEP WARM", says Barnett, "measures up to the highest standards of pro shop merchandise. Pros who have seen it have been quick to agree that they sell more golf and more golf supplies when they sell the KEEP WARM. Plainly, we have no apparel item that helps overcome the bad weather bugaboo that cuts into the season's play and patronage." KEEP WARM comes in camel brown, in four sizes and is washable. Write Grant Barnett at above address for complete details.

NEW BOOKLET ON FUNGICIDES

Mallinckrodt Chemical Works, Mallinckrodt St., St. Louis 7, Mo., have produced a new booklet on their fungicides for the control of turf diseases which is well worth reading for its informative material and its identification of turf diseases through the use of natural color photography. A mailing of the booklet was made to supts. the middle of February. Those failing to receive a copy should write for it at above address. Also furnished by Mallinckrodt is a new plastic measuring unit calibrated to measure their fungicides, Calo-Clor, Calocure and Cadminate.

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IMPROVEMENTS FEATURE WILSON'S 1953 CLUBS AND BALLS

Wilson Sporting Goods Co., announces that their new resilient ball cover, which proved a scoring factor in their pro staff's major wins last year, will be a feature of all 1953 Wilson Top Notch golf balls. In addition to the important wins registered by their playing staff, Wilson points out that performance tests in the hands of club pros and their players has further confirmed the success of the company's research and experiments to find a cover with improved feel, click and distance. Wilson's also reports that their companion ball — the Jet, which clicked to popularity following its debut in 1952 will give its players a crisper click to spur its get-away in 1953 as a result of new materials and construction techniques. The ball-marking, 1 to 12, will be on all four poles for quick identification.

Included in Wilson's 1953 club developments will be Staff Model woods plus a new medium-stiff golf shaft. Staff Model No. 7 woods feature a longer face and added loft to aid in getting the ball off the ground. They're finished in jet-black with red fiber face inserts; in 42½ and 43 in. standard lengths. Wilson's 286 shaft, in their 1953 pro line, is stiffer than medium, has slightly more feel than the

S model shaft, with the feel accentuated in lower 10 to 12 inches of club. The Top Notch Dyna-Weight irons have a sand-blasted top line which eliminates glare.



Wilson's Staff Model No. 7 Woods

For the women, the Mildred (Babe) Zaharias Dyna-Weight irons have the same extended hitting area as that in the men's models. Wilson's Sweepstakes irons for 1953 feature new stamping and ferrules and the woods have new white fiber face inserts on the Strata-Bloc heads and are equipped with the Reminder Grip.

ROBERT BRUCE HARRIS

Golf
- Course
Architect

MEMBER-
AMERICAN SOCIETY OF GOLF COURSE ARCHITECTS

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4-6530

664 N. MICHIGAN AVE.
CHICAGO II, ILLINOIS

ALFRED H. TULL Golf Course Architect

209 E. 49th Street
NEW YORK 17, N. Y.

SPALDING STEPS UP 1953 AD BUDGET

The A. G. Spalding 1953 advertising campaign will step up its consumer advertising budget more than 50% over 1952 and put particular emphasis on helping the professional sell more Spalding merchandise.

The campaign will reach every age group with a total of more than 75,000,000 messages through national magazines such as the Saturday Evening Post, Time, Newsweek, Holiday and Esquire which will carry 24 color ads during the height of the selling season. In addition, over 100 advertisements will run in nine consumer sport publications. The majority of the ads in 200 college newspapers will be on golf.

The first ad of the series will be on Spalding's newly designed Synchro-Dyned golf clubs. It appeared as a two-color page in the February 28th issue of the Saturday Evening Post and is to run later in color pages in Time, Newsweek, Holiday, Esquire and other publications. Subsequent ads will feature Top-Flite golf clubs and Dot and Top-Flite golf balls.

UPJOHN NAMES TWO SALES REPS.

The Upjohn Company, Chemical Sales Dept., announces the addition of two new sales representatives. Mr. Ralph A. Petrone for the Eastern states and Mr. Eugene W. Zylstra for the Midwestern states. These representatives are calling on golf course superintendents and distributors to promote the sale of Upjohn's new antibiotic turf fungicide, Acti-dione Ferrated.

SWINGING AROUND GOLF

(Continued from page 37)

the big constructive factors in modern course maintenance.

Harry Rimmer, pro at Marshall (Mich.) CC died during early January. . . Leonard "Brownie" De Bruyne, over a quarter century supt. at Ridge CC, Chicago dist., died late in December. . . Emil Fraccaro, formerly at Olympia Fields is new manager at Park Ridge (Chgo. dist.) Glen O. Gunderson replaces Fraccaro at Olympia. . . Alfred Tull engaged to construct the fifth 18-hole course at Bethpage (N.Y.) State Park. Tull says that the general plan of the new layout prepared by Joseph Burbeck was so good that it was adopted with few changes. . . To fit in Bethpage's newest 18 it will be necessary to build 24 new greens. . . Sam Spencer, formerly pro at Irem Temple CC, Dallas, Pa., building 9-hole course on his farm at Dallas which will open this summer as Lehman CC. . . Chicago Daily

Fee Golf Assn., thru their pres., Ralph Melin, (mgr. Chesterfield CC, Glenview, Ill.) sent invitations to several hundred fee course officials to attend association's winter meeting at Sarasota, Fla. Despite short notice fee owners from nine states attended. . . High interest in exchange of operating ideas and in solving common problems points toward far greater attendance at next winter meeting for which an important program of discussions is planned.

James Lawson, former supt. at Misquamicut GC, Watch Hill, R.I., recently died suddenly. In addition to his wife, Mr. Lawson is survived by his son, Lawson is survived by his son, William Lawson and two daughters . . . Alex Wilmot, pro at Northernaire CC, Three Rivers, Wis., assumes new duties at Beloit (Wis.) CC . . . Ralph Plummer building new course for Dallas Athletic Club and also for new club in Oak Cliff, Dallas . . . Press Maxwell remodeling Oklahoma City G&CC with four new greens and dozen new tees plus traps, in advance of USGA Nat. Amateur Championship Sept. 14-19.

Miami (Fla.) CC thru after this season . . . To be subdivided . . . Members bought the club in 1945 for \$175,000 . . . County Commission in 1950 appraised the 113.19 acres at \$1,115,000 for county purchase . . . Los Angeles Board of Supervisors orders condemnation and purchase of Western Ave. public course so it will be kept as a course instead of being subdivided.

Wilmington (Del.) Sportswriters award Dave Douglas a trophy as the state's outstanding athlete of 1952 . . . When Dave was on the tournament circuit the trophy was accepted for him by his father, pro at Rock Manor CC for 32 years.

Supts and chairmen at GCSA convention said carelessness of members adds considerable unnecessary expense in keeping course well groomed and in good condition . . . Members far worse than caddies as source of untidiness . . . Supts. said that with waste containers handy to tees it's not unusual where refreshment stands are between 9th green and 10th tee for tractor operators to have to dismount and pick up empty bottles as far away as 13th green.

Al Wyman from Danville (Ill.) CC to Edgewood GC, Fargo, N. D., as supt.-promgr. . . . Leif Halvorsen to Oakwood CC, Dodson, Mo., as mgr. . . . Buck Worsham from Atlantic City (N. J.) CC to Pelham (N. Y.) CC pro job . . . Wilbur (Dutch)

(Continued on page 127)