constructed of tire casings for heavy duty—longer wear

the best mat for driving tees!

1. Designed to specifications of well-known pros, these mats are functionally ideal, reversible and virtually everlasting. The finest tee mat at the lowest cost to you.

best in locker room, entrance & shower

2. Perma-Mats pay for themselves by saving floors, spikes and preventing accidents. Lays flat (no kinks), thicker cushion, closely woven for firmer footing.

Immediate delivery on popular sizes, send specifications.

merchants tire co. 2710 washington ave. st. louis 3, mo.

condition (compaction)—better to rework soil instead of watering.

Some may be disappointed in aerating once or twice—remember it took long time for soil to puddle—likewise takes long time to remedy.

American greenkeepers have made greatest contribution to turf management,

Practical uses of aerifying tools far ahead of research—time now to make studies.

Good drainage and aeration go hand in hand—without them we fail to get the most from fertilizing.

Greenekeepers were paid great compliment in Grau's closing remarks when he told them, "we have learned far more from greenkeepers than you can ever learn from us."

The final session of the educational program, Thurs. afternoon, began with Dr. Wm. H. Daniel, Asst. in the Agronomy Dept., Purdue Univ., telling greenkeepers how to measure soil moisture and thus conserve water and labor. He made excellent use of charts on slides prepared for this purpose in presenting scientific methods

why not the best?

get the famous henry golf ball washer

★ Rugged design for trouble-free service
★ Modern appearance—Dresses up the tees
★ Clean operation—Doesn't splash
★ Heavy gauge, pressed, rust-proofed steel construction

value—Ball washer alone, $12.75. Tee data plate,* $1.25. Waste Container, $2.35. Complete unit, $16.35.

*when ordering tee data plates be sure to send score card.

A. C. SCHENDEL, DISTRIBUTOR
Henry Golf Ball Washer
Waukesha 5, Wis.

February, 1961
used as he discussed the subject of "Fairway Watering." Complete text, with charts, of Dr. Daniel's talk will appear in the March issue of GOLFDOM. Greenkeepers interested in the problem of water conservation as well as how to judge irrigation needs and how to save labor will want to read Dr. Daniel's quick, accurate method of measuring available soil moisture in next month's issue.

Charles Danner, Supt., Richland GC, Nashville, Tenn., followed with a "Progress Report on Bent in Central Tennessee." He told how O. J. Noer and Fred Grau started the ball rolling by telling them the advantages to be gained by proper sub-drainage, topsoil, drainage, aeration, the new and superior strains of bent grasses developed and stressing their need in the South. Danner's club experimented with one green — found cost of converting more than offset by savings in maintenance — bent grass green requires less top-dressing, less mowing, less water, less fertilizer and as he stated, "we have a year-round green that we don't have to sow with rye grass in the fall and no transition period in the spring." Other clubs are following suit, one having all 18 greens in bent.

Crabgrass has made most serious inroads in the last five or six years, according to Prof. Harvey L. Lantz, Iowa State College, Ames, who made "Progress Report on Crabgrass Control." Lantz told how crabgrass had tendency to take over following use of 2,4-D to kill broad leaf weeds where there was apparent failure to follow up with an adequate fertilization program. A new field of research has opened up with the study of weed control, according to Lantz, who is joined in his study of crabgrass control by Gene Nutter and Prof. J. A. DeFrance. Dr. DeFrance is first to report effective control with phenol-mercuric acetate. Control work at Iowa State was reported most effective with PMA when applied at the right time — the 2 to 4 leaf stage of growth. Crabgrass was discovered in the turf of the football field at Ames in 1949. Lantz used 3 gal. Tat-C-Lect with 200 gals. of water and applied this mixture at the rate of 3 gals. to 100 sq. ft. to get 85% control. In 1950 field was treated May 15 with 2 1/2 gals. of Tat-C-Lect Special and control was practically complete by fall.

Lantz warned best time to apply herbicide was on cool days or evenings if possible to prevent burning. Burning minimized if soil is moist.

Noel B. Wysong, Chief Forester, Cook County, Ill., brought to the meeting a note
of warning in his talk on the spread of "Dutch Elm Disease and Oak Wilt," which concluded the educational program of the conference. He dwelt at length on the inroads being made by Oak Wilt showing colored slide closeups and aerial views of park areas in southern Wisconsin where most serious damage is centered. Unable to discover how the disease is transmitted, effective control work has been stymied. Details of both diseases and steps to follow when either is discovered will be outlined in an early issue of GOLFDOM.

**ACT NOW, DEALERS WARN**

(Continued from page 29)

Power greensmowers — Only a few left.
Hand greensmowers — Still available.
Whirlwinds — Probably will be sold out of larger sizes by March 1.
Sprinklers — Available. Only one small price increase. Supply will be critical by April. Brass couplings and fittings higher and scarcer.
Power sprayers — Still available but slow.
Hose — Big shipment of Goodyear Emerald Cord expected Feb. 1. Prices up but quality still good. Rubber shortage will rule here.
Aerifiers — Still available. No price increase. Good buy.
Cups, flags, poles — Up but available.
Lawn sweepers — Little production expected after April.

**ZAUN EQUIPMENT CO.** — To avoid "scare buying" that only adds to the golf course supply problem we suggest that orders be placed for at least a year's supply of parts and equipment and that other orders be placed for the foreseeable future. Club officials of business experience, realizing the inevitability of further government restrictions and difficulties of getting materials, should have by now a complete list of what their club needs either for early or later season use and buy without further delay — if they can get it.

---

**GOLFDOM**

**GOLF BALLS, CLUBS & EQUIPMENT**

FOR

DRIVING RANGE

MINIATURE OR

PITCHING COURSE

RETAIL SALES.

CONSTRUCTION &

MAINTENANCE

HINTS.

NORTHERN BALL CO.

3441 N. Claremont Ave., Chicago 18, Ill.
TERMINAL SALES CORP. — Many of the agricultural chemicals used by golf courses are going to be extremely short. Mercury, cadmium, 2,4-D and DDT will be sharply limited in quantity. Golf courses must advise suppliers of minimum requirements for the year and take delivery when the supplies are available.

LIQUID-LUSTRE, ECONOMICAL WASH
Liquid-Lustre Golf Ball Wash, a product developed by John Picchietti of D. B. A. Products Co., Deerfield, Ill., eliminates unpleasant odors and simplifies golf ball washer maintenance for the greenkeeper. It cleans golf balls with ease, grass stains and dirt disappear without hard scrubbing, contains no harmful chemicals or gritty residue that might cause the rubber to deteriorate scratch the paint, and is as effective in hard water as it is in soft. Estimated cost per washer of two cents per week makes it an economical maintenance item. Available in one and five gallon containers.

NEW TYPE ORGANIC FERTILIZER
"No obnoxious odor" is the claim made for Wooster Plant Bilder and Wooster Lawn Bilder modern fertilizing products manufactured by Herman Mfg. Co., Wooster, Ohio, which are styled "foods" instead of fertilizers. Their content is chiefly organic, including soybean meal which provides long-lasting plant nutrients effective after the usual quick-acting chemicals contents have been used up.

This new type of fertilizer is available in two forms—one, known as a lawn builder, containing 2,4-D weed killer, not only supplies the necessary nutrients for the building of thick, deep-rooted turf, but with the same application kills dandelions, plantains and other broad-leaved turf; and the other, called a plant builder, containing no weed killer but only nutrients essential to the promotion of healthy growth of flower and vegetable plants, newly seeded grass, and shrubs. High organic content of these fertilizers tends to promote the moisture holding resiliency of the soil desirable in golf greens.

JANE WOOLLEY, GOLFCRAFT'S
NEW ADV. MANAGER
Ted Woolley, pres., Golcraft, Inc., recently announced appointment of his daughter, Jane, as the new advertising manager for his Company. Miss Woolley, in addition to having a splendid educational background, is a graduate of the American Academy of Arts.
SHORTAGE LOOMS IN RANGE BALLS
Golf practice range suppliers report that increase in demand for lower priced balls at public and fee courses and expanding number of ranges indicates a shortage of range balls this year. Already ball orders of foresighted operators are on a rationing basis with suppliers. Everett “Dutch” Wheaton, large supplier in range field says that his warning of a range ball shortage printed last fall has been amply warranted by developments and that range suppliers now are in the position of protecting their old customers and having to curtail orders of those who plan to begin operations this year.

Range clubs with good shafts and heads are not in any too plentiful supply. Rubber and wooden tees also seem to be in line for shortages.

SANI-MIST FOR ATHLETE'S FOOT
Waverly Products Co., 1724 Chestnut, Philadelphia 3, Pa., has a new solution, Sani-Mist, for preventing athlete’s foot and a simple treadle-operated spray for the mist. The spray is operated by the user “marking time” on the device. Each application of Sani-Mist by this method is fresh, with minimum risk of re-infection.

GIMMICK FOR WOMAN GOLFER
Cute little gimmick that might sell in pro shops is Nif-Tee plastic kit for looping to woman golfer’s belt snugly and so it won’t interfere with action. It holds valuables, scorecard, pencil and six tees, golf balls, cigarettes, matches, compact. Made by Hush Purses, Ltd., 39 W. 32d st., New York City.

TWO NEW PENNSYLVANIA LAWN MOWERS
Pennsylvania Lawn Mower Div., American Chain and Cable Co., Inc., Camden 4, N. J. has announced 18 in. R-15 with 1 hp engine and 21 in. T-15 with 1 1/2 hp engine as its two 1951 power lawn mowers. Engines are Briggs and Stratton. Pennsylvania also has four hand lawn mowers, from 15 in. to 19 in. cutting width in its 1951 line, as well as a new model of its trimmer and edger.

BOROS WITH HORTON BRISTOL
Julius Boros, one of the most successful of the newcomers to tournament golf, and pro at Mid Pines Club, Southern Pines, N. C., has joined the Golf Advisory staff of Horton Bristol Mfg. Co., announces Graham Treadway, pres. of the company.
**SPALDING HAS GOOD YEAR**

A. G. Spalding & Bros., Inc. for 1950 fiscal year had sales of $22,830,886 compared with $20,967,362 for previous year. Earnings were $3.12 per share compared with $1.81 previous year. Income taxes were $1,125,628. Inventories of finished golf balls, footballs and basketballs exhausted by July 10 to 15 forced allocation. Manufacturing costs greater than previous year. Famous Fairways film was a new feature of Spalding promotion which is in "strong demand." Report says company is facing "present very grave and extremely uncertain conditions realistically" and is in better condition than at any other time in its 75 years.

**STEADY HEAD DEVICE**

Walt Ripley, Yankeetown, Fla., has invented a "Form-Builder" that consists of two rubber concave sections connected by a rubber unit. One concave section is held by suction against a wall and the other concave section is a rest for the player's head while swinging. The device has been successfully used by Ripley and other pros for teaching the pupil to keep the head steady in swinging. Ripley will send full details to pros on request.

**LOWER OPERATING COSTS with RANGE BUILT PRODUCTS!**

- New Paintless Ball—White For Life (Also in Colors)
- NOW Available in Limited Quantities
- NEW — Dow Metal — Long Life Range Driver
- TEE MATS — 4' x 5' — Golfer Approved — No black smudge on clubs or balls. The only Trouble-Free Mat in the business.
- NEW — TEE QUEEN — Foolproof "Automatic" Tee
- NEW — LOW PRICE Automatic Ball RETRIEVER

Write for New Money-Saving Illustrated Catalog

**EVER WALK ON WHITNEY Greens and Fairways?**

Turf by Whitney is greener and tougher because Whitney's Seed is tested for highest germination, super-refined for lowest weed content and blended from the finest grasses. Mixture for every golf course need. Write Whitney Seed Co., Inc. Buffalo 5, N. Y.

**FARMALL CUB FOR COURSE UTILITY**

The baby of the tractor family with a rated 8.89-hp can be equipped to do all of the power jobs on smaller course maintenance operations. Its high maneuverability and efficient operation make it a leader in the low price field. Complete information available from International Harvester Co., P.O. Box 7333, Chicago 80.

Baker Grass Industries are closing their New York office and will operate exclusively from Miami, Florida. The street address is 2730 N. W. 4th St.
Buyers' Service

Check off your Supply & Equipment Needs. Tear out and mail this sheet to Golfdom, 407 S. Dearborn St., Chicago, Ill., or use convenient card. You'll get prices and literature direct from the sources of supply.

Golf Course

Aerifiers: fairway □ green □
Architects (course — house)
Ball washers
Bent grass stolons
Brown-patch preventives
Compost mixers
Crabgrass control
Drinking fountains
Fencing
Fertilizers
Flags (greens) □ Flag poles □
Flood lights
Fungicides
Gasoline engines

Golf Course Const’n Engineers
Hedge trimmers
Hole cutters
Hose, ¾” □ 1” □
Humus
Insecticides
Lapping-in machine
Miniature Course Const’n □
Mowers: putting green □
whirlwind □ tee □
fairway □ rough □ hand □
Mower grinders

Pro Shop

Bags: canvas □ leather □
Bag carts, for players
Bag covers (overall)
Balls: Regular □ Range □
Ball markers □
Ball retriever
Bandages, adhesive
Buffing motors
Calks, for shoes
Caps and hats
Club cleaning machine
Clubs: Woods □ Irons □
Putters □
Club head covers

Club repair supplies
Club separators for bags
Cushion-sole Inserts
Dressing for grips □ bags □
Golf gloves
Golf Grips: Leather □
Composition □
Golf Practice Devices □
Golf Practice Glove
Golf practice mirror
Golf shoes
Grip preparation for hands
Handicap racks □ cards □
Luggage (leather)
Mechanical Golf Ball Retriever
Pencils
Portable motor tool

Club House

Air conditioning equip.
Athletes foot preventives
Bath mats
Bath slippers
Bars
Deodorants
Disinfectants

Fire protection equipment
Floor coverings
Folding Table (Banquet)
Furniture
Kitchen equipment:
Dish washers
Frozen food storage
Ice cube machines
Slicing machines
Link Type Mats □

Refuse containers
Rollers: power □ water filled □
Scythes (motor driven)
Seed: fairway □ green □
Sod cutter
Soil screeners □ Soil shredders □
Sprayers: power □ hand □
Spinners: greens □ fairway □
Sprinklers: f’way □ green □
Stiles (over fence)
Sweepers (power or hand)
Topdressing
Tractors
Tractor wheel spuds
Water systems, fairway
Weed chemicals

Practice driving nets
Preservative wiping cloth
Preserver for leather
Printing
Pro accounting book
Range ball washer
Rubber-spiked overshoes
Score cards
Shoe spike wrench
Sportswear: Shirts □ Socks □
Sport jackets □ Rain jackets □
Windbreakers □ Slacks □
Tees (wood) □ plastic □
Tee mats □
Tees (rubber) for driving mats
Teeing device (automatic)
Tennis nets
Trophies

Lockers
Movies of golf subjects
Outdoor grills (portable)
Playing cards
Printing
Runners for aisles □
Rugs □
Showers □ Shower mixers □
Step treads
Towels: bath □ face □

Send information to: Name ____________________________
          Address ____________________________
          Town ____________________________  Zone (_____) State __________

February, 1951
LET GOLFDOM HELP YOUR OFFICIALS MAKE THE MOST OF 1951

Each month GOLFDOM presents the latest, most practical ideas on golf club administration, management, upkeep and service ... for time, labor and money-saving guidance of your officials and department heads. Help the right men at your club do the job right. Send in the form below so we can get them "on the beam".

FILL IN THE FORM BELOW — THEN MAIL THIS PAGE TO GOLFDOM, 407 SOUTH DEARBORN STREET, CHICAGO 5, ILLINOIS

<table>
<thead>
<tr>
<th>Name of club:</th>
<th>Address</th>
<th>Town:</th>
<th>Zone ( ) State</th>
<th>Club Zone</th>
<th>State</th>
<th>By Position</th>
</tr>
</thead>
</table>

President's:
name (Zone...)
Add: Town: State:

Secretary's:
name (Zone...)
Add: Town: State:

Manager's:
name (Zone...)
Add: Town: State:

Green Chrmn's:
name (Zone...)
Add: Town: State:

Greenkeeper's:
name (Zone...)
Add: Town: State:

Professional's:
name (Zone...)
Add: Town: State:

Golfdom
FRED HAAS, SR., ON SOUTHERN TOUR

Fred Haas, Sr., Gen. Mgr., Golfcraft's Pro Department, is on an extended sales tour in the south contacting pros throughout the southern territory and will be gone several months. The Miami Four-Ball Tournament was the first stop for Haas.

BREARLEY'S CONGO MODEL 701

The Congo model 701 is a smart new creation that has lots of shading area on front and sides. The visor is extra-long, and extends as a brim three-quarters of the way around the crown to give much needed protection to the ears. It is made of poplin in natural and tan with a fully-shaped Texon visor. It is available in small and large sizes with shirred elastic back providing a size range to fit all heads. This Congo original is but one of many headliners in sunshine headwear styled by The Brearley Company, Rockford, Illinois.

MAKING THE SWING

(Continued from page 25)

ness this winter than ever before . . . Indoor schools are a lot neater, brighter and more attractive than they used to be . . . Merrill Whittlesey in his Washington Post column says 20-year-old Jones movie would have tremendous television instruction appeal . . . Betty Bush, wife of Eddie, pro at Hammond, Ind., Woodmar CC, turned pro at the Tampa Open . . . Betty came along rapidly as an amateur contestant and should develop as a pro . . . She's a delightful personality and a smart student of the game.

Gene Sarazen figuring on playing in 9 or 10 big tournaments this year . . . Says he's finally got a custom shoemaker who can keep Gene's feet and legs in competitive condition . . . Sarazen says the Open at Oakland Hills and the PGA at Oakmont will be on courses that will present the old time tough testing conditions unless the greens are soaked . . . He adds that after the first 36 at Merion last year when the greens were allowed to dry the scores went "way up." . . . Gene's rounds at Merion were 72-72-82-76.

University of New Mexico course at Albuquerque had play every day but Jan. 3 in 1950 . . . 54,047 rounds played . . . High for the 5 years of the course . . . Daily average, 148 players; another record for the course . . . May 30 was biggest day's play; 342 . . . July with 6,327 players was record month of 1950 . . . C. S. (Chuck) Lanier, mgr., says approximately 5,134,465 strokes were played on the course in 1950 and about 810,705 divots taken.

Peter Hay, the genial dean of the Monterey peninsula courses, presented with a 1951 Cadillac coupe at the close of Bing Crosby's tournament . . . Peninsula and other California golfers surprised Hay with the gift that expresses some thanks for the great times they've had with this swell transplanted Scot.

Joe Donoto, Norwich, Conn., elected pres., PGA Seniors . . . Eddie Williams, Louisville (Ky.) CC, First vp; Jim Wilson, Gulfport, Miss., 2d vp; and Matt Jans, Rolling Green CC (Chicago Dist.), sec. . . . Mrs. Tom Skipper elected pro pres. PGA Seniors' Ladies Auxiliary . . . Mrs. Otto Hardt, St. Paul, vp . . . Mrs. Phil Turnese, New York, sec.-treas.

Bing Crosby tournament netted $40,000 for Monterey Peninsula Community Fund . . . New record . . . Red Run GC, Royal Oak, Mich., designated emergency hospital by civilian defense authorities of Detroit area, in case . . . Russ Hardt, St. Paul, signed as pro by Coharie CC, Clinton, N.C.

Miami (Fla.) golf commission probably won't schedule $10,000 Four-ball this December . . . It was behind the Eight-ball (Continued on page 82)

CLASSIFIED ADS

Rates: Minimum insertion $4.00 for 20 words; additional words 20c each. Bold face type, 25c. per word. Classified cols. reserved for help or services wanted and for sale of used equipment.

CLUB STEWARD POSITION—Couple wanted as stewards for country club in northern Michigan. Must be excellent chef and first-class waitress. State qualifications fully and enclose photographs as well as approximate salary expected. Address Ad 219 c/o Goldfom.

PRO STEWARD POSITION—We have opening for pro and wife who could handle pro duties and kitchen and dining room. Wife must be excellent chef. This is a year around position as pro can act in capacity of bartender in winter months. State qualifications fully and send photographs as well as references. We will also accept applications for straight pro position. Address Ad 220 c/o Goldfom.

Wanted: Greenkeeper with excellent small town club, nine holes, 65 miles west of Chicago. Excellent living quarters which can be used from March until December. Salary to depend on experience and ability. Living quarters furnished. Job available March 1. When applying please give experience and reference. Address Ad 201, % Goldfom.

GARNET ST., SAN DIEGO 9, CALIF.

CHARLES M. SCOTT, SCOTTISH IMPORTS, INC., 1247 MISSISSIPPI, TO SELL IMPORTED LINE OF CLUBS AND MIDDLE WEST TERRITORY EAST OF THE GOLFDOM.

FINANCIALLY — DISTRIBUTORS WANTED — THIRTY A.C. AGO, NEW CONVINIENT PRICE $2000.00. Address Ad 200, % Golfdom, Chicago 18, Ill.

FOH SALE DRIVE RANGE — "MONEY MAKER" as a Teacher, Player, Tournament Promoter, Caddy Master. Married, wife excellent Hostess. Thoroughly qualified in phases of turf care and production. Address Ad 206, % Golfdom, Deer Park, Illinois.

WANTED: Pro-Manager by private Country Club in midwest city of 12,000. 9 hole golf course, pro shop, attractive clubhouse with apartment provided. Excellent opportunity for good hard-working pro and wife-caterers. Address Ad 202, % Golfdom, Dixon, Illinois.

WANTED: Professional for prominent club in large city Texas. Fine 18 hole course, 500 members. Year-round position. Must have experience. State fully all qualifications and send recommendations to Ad 205, % Golfdom, Box 826, Sheffield, Alabama.


WANTED: Professional for prominent club in large city Texas. Fine 18 hole course, 500 members. Year-round position. Must have experience. State fully all qualifications and send recommendations to Ad 205, % Golfdom, Dixon, Illinois.


Employed Golf Pro wishes to affiliate with an active club with a minimum membership of 350, which desires to keep its golf course in tip-top condition. Inquiries treated confidentially. Address Ad 205, % Golfdom, Dixon, Illinois.

WANTED: Manager or partner for new modern golf driving range near beaches south of Boston. Would like to make arrangements with responsible man for opening April 19, 1951, Thure S. Holm, R. F. D. No. 2, Duxbury, Mass.

USED GOLF BALLS WANTED

WITTEK GOLF PRODUCTS

5128 W. North Ave., Chicago 39, Ill.

Greenkeeper — 46 years old, single, 27 years experience, desires position at 18 hole course. Has excellent record in ground maintenance and all phases of turf care and production. Address Ad 206, % Golfdom, Dixon, Illinois.

Pro-Manager — Class "A" P.G.A. Member with 25 years experience of successful club operation. Seeking position with year around set-up preferred. Married, three children, excellent Host. Thoroughly qualified as a Teacher, Player, Tournament Promoter, Caddy Welfare, and Course Maintenance. Can furnish very finest of references. Prefer Texas area but will go anywhere. Address Ad 207, % Golfdom, Dixon, Illinois.

FOR SALE — DRIVING RANGE — MONEY MAKER — GOOD LOCATION IN SOUTHEASTERN WISCONSIN. PRICE $2000.00. Address Ad 208, % Golfdom, Skow Hill C.C., % Frank J. Casey, Wilmington, Del.

PRO OF GREENKEEPER — OR COMBINATION, TWENTY YEARS' EXPERIENCE. THOROUGHLY COMPETENT, MODERATE INCOME. ADDRESS AD 212, % GOLFDOM.

PRO — Successful teacher and businessman with fine record of increasing golf interest and play at his clubs wants to get back into club work. Lately has headed big store golf dept. Cheerful, dependable and hard working, highest recommendations. Address Ad 214, % Golfdom, Snow Hill C.C., La Salle, Illinois.


WANTED: Successful teacher and businessman with fine record of increasing golf interest and play at his clubs wants to get back into club work. Lately has headed big store golf dept. Cheerful, dependable and hard working, highest recommendations. Address Ad 215, % Golfdom, Dixon, Illinois.

WANTED: Pro-Manager available for town or country club, married, no children. Age 44. Prefer club with large food volume. Can furnish A-1 references. Address Ad 216, % Golfdom, Dixon, Illinois.


WANTED: Pro-Greenkeeper at small private club, 9 holes. Year-around job, salary $1200.00 per year. House and all utilities furnished, also modern Pro shop, caddy house. Address F. F. Crissy, Martinsburg, W. Va.

Golfdom