sprinklers of every type for
golf courses
Individual units or complete "tee to green" systems keep your course at its best. Write
today for specifications.
The Skinner Irrigation Co., 415 Canal St., Troy, O.
Pioneer and Leader in Irrigation for Nearly a Half Century

PEAT
FINE SCREENED DOMESTIC PEAT
Acid pH 4-8. Some nitrogen.
Alive in bacteria, free from weed seed; is not a
muck soil.
No. 1 fine milled for top dressing, creeping bent
lawns and golf greens.
1 to 4 bags, $2.00 per 2-bu. bag.
5 to 24 bags, $1.00 per bag.
25 to 49 bags, 95c per bag.
50 to 100 bags, 90c per bag.
Write for price on bulk carloads.
We ship same day order received.
HAASE BROS.
2516 California Ave., P.O. Box 386, Peoria, Ill.

LIQUA-VITA
The complete Liquid Fertilizer for Golf Greens
Turf Special 12-8-4       Regular 6-9-7
Plus all Trace Elements
Its use on 700 golf courses (as long as 5 years on some) has proved its value
as a greens fertilizer. Greenkeepers are enthusiastic over results. It doesn't
burn — cuts labor costs — is easy to apply.
A trial will convince you.
AMERICAN LIQUID FERTILIZER CO., Inc. Box No. 267, Marietta, O.

GOLF BALL PRODUCTION
Figures submitted by the Golf Ball Manufacturers Association and compiled
by the Athletic Institute indicate a total of
2,125,900 dozen golf balls were produced in
1949, as compared with 2,185,400 dozen in
1948, or a reduction of 59,500 dozen or 2.7%.

GOLF CLUB PRODUCTION
Figures submitted by the National Association of Golf Club Manufacturers and
compiled by the Athletic Institute indicate there were 2,976,700 golf clubs produced in
1949, as compared with 3,537,300 in 1948,
or a reduction of 560,000 or 15.8%.
Of these totals, there were 1,977,600 iron
clubs in 1949, as compared with 2,402,900
in 1948 and 999,100 wood clubs in 1949 as
compared with 1,134,300 in 1948.
The manufacturers inventory at the end
of each year was practically the same.

MURRAY HEADS COPPERWELD
FENCE DEPARTMENT
The appointment of
William J. Murray, as
Mgr. of the Fence Dept.
of Copperweld Steel Co.,
Glassport, Pa., has been
announced by William
W. Egge, V-P in Charge
of Sales. In his new
capacity, Mr. Murray
will head up the sales
and installations of Cop-
peweld Chain Link
Fence, Barbed Wire and
other Copperweld Fence
Products. A native of
New York City, he
comes to his new position with a back-
ground of 30 years experience in the fence
industry.
MacGREGOR CATALOG OUT

The 1950 MacGregor Pro Golf catalog is now available, advises R. D. Rickey, Pro Sales Mgr. for MacGregor. Featured in the 36-page catalog are the new “MT” woods and irons, Tommy Armour, Byron Nelson and Louise Suggs clubs, Tourney balls, Tufhorse golf bags and Craig Wood sports-wear. Included for the first time is an explanation, by chart, of the various True Temper shaft patterns available.

BAG-JACKET, OVER-ALL BAG COVER FOR PRO SHOP SALES AND SERVICE

Harrod Bag Co., 7250 N. Western Ave., Chicago, Ill., are introducing a new idea in golf luggage protection in their Bag-Jacket, a water repellent duck jacket in various sizes to fit over golf bags to protect them and their contents against damage in club bin storage handling, travel and shipping. A pro only item, Bag-Jackets are equipped with tamper-proof zippers and loops for lock and shipping tags. With Nylon prominently featured in 1950 bag lines, these new protective jackets should enjoy a lively demand according to the pros who have seen them. Complete information from Harrod Bag Co.

HENRY GOLF BALL WASHERS

An 11 year record of carefree service proves the popularity of its practical design and the lasting qualities of its sturdy construction

HEAVY GAUGE, UNBREAKABLE PRESSUED STEEL, RUST PROOFED

SLOP-PROOF: saves players' clothes and tempers . . . SAVES TIME: it's quicker, more thorough and easier . . . SAVES COVER PAINT: it has no scouring bristle brushes . . . SAVES REPLACEMENTS: its cleaning units do not rot or warp and its cleaning chamber is rust-proofed pressed steel.

Quick - Trim - Tidy - Easily drained and refilled.

Allen Set Screws make them theft proof.

A. C. SCHENDEL, Distributor
HENRY GOLF BALL WASHER
WAUKESHA 5, WISCONSIN

BALL WASHER $12.75
Tee Data Plate $1.25
Waste Con'tnr $2.35
HENRY TEE ENSEMBLE with Ball Washer, Tee Data Plate and Waste Container $16.35

Send score card when ordering Tee Data Plates.

PRICES F. O. B.
Waukesha 5, Wis.
PRO FINISHED
PERSIMMON HEADS
WOODS HAND MADE TO ORDER
WON-PUTT ALUMINUM PUTTERS
Quick Service on All Types of Repair Work.
Bert Dargie Golf Co.
2883 Poplar Avenue, Memphis 11, Tenn.

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.

MERION BLUEGRASS IN 2 YEARS
Discovered at the Merion Golf Club in Philadelphia and named Merion in its honor, a new strain of bluegrass now has between 600 and 700 acres sown in Oregon. It is predicted that Merion seed will be commercially available within two years.

TRAFFIC-TRED, NEW RUNNER MAT

A new development in low priced counter-tred matting to be known as Traffic-Tred, has just been announced by D. W. Moor, pres., American Mat Corp., 1802 Adams Street, Toledo 2, Ohio. Designed especially for use as a runner mat, Traffic-Tred permits perfect recess work due to ease in cutting to accurate fit. It has excellent dirt scrapeage qualities and an attractive surface design. Traffic-Tred is \( \frac{3}{8}\)" thick. Three slot constructions are available, closed, open or open on end of slots only. Ample aeration and drainage are provided.

FOR BACKYARD GOLF PRACTICE

To sharpen up the golf game in the indoors, garage, or backyard, Pee Gee Bee, a Bakelite polyethylene practice golf ball follows the same line of flight as a regulation GOLF BALLS, CLUBS & EQUIPMENT

When it is GOLF PRINTING!
Specialists, for years to many of America's largest and most exclusive courses, can best serve you, too.

Score Cards - Charge Checks
Greens Maintenance Systems
Caddie Cards - Handicap Systems
Forms for Locker and Dining Rooms and for the Professional.
Samples to your club for the asking.
VESTAL CO., 703 S. LaSalle, Chicago
When hooked, sliced, or hit squarely — but travels only about one-tenth as far. The lightweight ball will not mar interior walls, nor damage screens and windows, yet is tough, durable, resilient, washable, and retains its shape. Full wood or iron shots travel about 10 per cent of normal distance, or about 15 to 25 yards. Golfers report that while the new practice ball “sounds” and “feels” like a regulation ball when hit, its slower motion and shorter trajectory help disclose errors, such as topping and smothering, as well as hooking and slicing. The balls are useful for learning golf fundamentals, and also for warming up, or correcting faulty strokes by practicing in a relatively small space. Pee Gee Bee is made by Cosom Industries, 3520 East 43 St., Minneapolis, Minn.

**MERCHANDISING FOR PRO SHOPS**

Nationally-advertised lines of quality merchandise will now be available to golf pro shops, it was announced this week by Dutch Schmidt Golf Specialties, who have completed expansion of sales forces to cover the entire country. “Guaranteed quality merchandise, like Holeproof Hosiery, heretofore unavailable to golf pro shops, can now be obtained through our organization,” said Schmidt. Schmidt representatives will carry a complete range of sport styles, which include 100 percent spun nylon, combination of nylon and wool, all wool sanforlan treated and soft combed cotton styles. Formerly a professional golfer, Schmidt has been in all phases of golfing. He has made the winter tour many times and runs the Wisconsin Opens each year.

Counter Display Unit offered to golf pro shops to facilitate showing and selling Holeproof men’s socks. The display unit, which holds five dozen pair, comes ready to set up on counter.

He is an honorary member of the Professional Golfers’ Association, Wisconsin section. Professionals wishing further information on the new merchandise available, may write to Dutch Schmidt, P. O. Box 235, Wauwatoa, Wisconsin.

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**COMPLETE LINE**

**MODERN EQUIPMENT and SUPPLIES**

for

**DRIVING RANGES**

**MINIATURE COURSES**

**BUY Wittek — BUY THE BEST**

**DRIVING TEE MATS**

for **RANGES and GOLF COURSES**

- 48" x 60" — Long Lasting — Reversible — Light Grey — will not scar balls or clubs.

**WITTEK GOLF RANGE SUPPLY CO.**

5128 W. North Ave. Chicago 39, Ill.

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**PRIVATE BRAND**

**GOLF BALLS**

**15 DOZEN MINIMUM ORDER**

Write for Prices

**BOSTON GOLF BALL CO.**

7 MAPLE ST.

Stoneham 80, Mass.

**RUBBER TIRE TEE MATS**

- 36" x 60" — 46" x 60"

**RUBBER TEES**

**LINK TYPE MATS FOR**

**LOCKERS AND CLUBHOUSES**

**ASHLAND RUBBER DOOR MAT CO.**

ASHLAND, OHIO

More and more range owners are turning to McLaughlin for new and rebuilt dependable range balls, sold with a guarantee against splitting—at a price you can afford to pay. Also factory seconds carrying the above guarantee available from time to time at reduced prices.

We buy cut balls.

**HUGH J. MCLAUGHLIN & SON**

Golf Ball Mfgs. since 1932

CROWN POINT, INDIANA
EDERER, NET CHIEF, DIES
Louis B. Ederer, 79, pioneer in making golf practice nets, died Feb. 26 at Evanston (Ill.) hospital. Mr. Ederer had been president of R. J. Ederer Co. since 1919 and before that was associated with the old organization which does a world-wide business in sports and fish nets. He is survived by his widow and two sons, Eugene and Clarence.

McCLAIN ADDS POWER UNIT TO SPIKER AND PERFORATOR
The new McClain Power Spiker and Perforator exhibited at the NGSA Conference and Show in Boston met with popular acclaim by greenkeepers and turf officials attending the four day meeting. The Spiker and Perforator, well known as a turf conditioner for putting greens for years has been pulled by hand or attached to light tractors for easier movement. The company now offers a new completely powered outfit which gives faster operation and saves labor. Owners of Hand Spikers will be interested to know that it is possible to attach the new power unit to their present Spiker and transform it into a fully powered unit at small cost. Complete details from McClain Bros. Co., Canton 2, O.

K-KART FEATURES NEW BRACKET
Morris Kunkle, of Kunkle Industries, Chicago, Ill., manufacturers of the K-Kart collapsible golf bag carrier, advises their 1950 model K-Kart has incorporated a practical wire bracket that can be used for either individual pipe-organ compartment bags, or the standard type bags. The new bracket assures a perfect fitting of the top portion of the bag, whereby no pressure is placed on the tubes, and the metal has no chance to mar the clubs. Full information will be supplied by the manufacturer at 2358 Clybourn Avenue, Chicago 10, Ill.

NEW EQUIPMENT ADDED TO WORTHINGTON LINE
The Worthington Mower Co., Milwaukee, Wis., has added new equipment for golf course use in addition to improving and
refining existing models for 1950. Of special interest is the hydraulic gang mower control on the front drive Model F Chief tractor shown here. With this control, mowers are raised and lowered smoothly, easily through a simple positive hydraulic system led from the driver's seat. During travel mowers are held firmly in place for safety on rough roads. This unit is ideal for fast, between-job travel around the golf course. Another feature of the hydraulic lift is the elimination of re-grouping mowers by hand when crossing narrow bridges and traveling through woods. Hydraulic control is available for 3 and 5 Worthington gang or fairway grass Blitzer mowers.

The new Worthington Model G general purpose tractor is available with a wide variety of attachments which make it useful for a large number of golf course jobs. Attachments include sickle bar, front end loader, snow plow, light grader, rotary brush, sprayer, utility cart and power take-off attachments. The new Model G has an exceptionally low center of gravity which gives the tractor the balance and stability for hauling gang mowers over steep hillsides. It has a short, 5½' turning radius which provides greater maneuverability for work in close quarters. Special features include governor control, adjustable draw-bar, hydraulic lift for sickle bar, power take-off and adjustable steering column.

The recently introduced 18" and 20" rotary disc mowers are also important additions to the Worthington golf course line. These units are able to cut tall weeds as well as regular grass areas and are ideal for keeping rough areas under control, particularly where trees and brush eliminate the use of larger equipment. These machines are also adaptable to cutting bunkers and for trimming work.
CREEPING BENT STOLONs

C - 19 (Congressional) Try a combination of these two grasses.
C - 27 (Collins) Turf Topic Page 5, June, 1944.
C - 216 (Fraser's Biltmore) This number assigned by U. S. Golf Assn, Green Section the Bent for the South. Lived through past Summer in Pensacola, Florida.

Write for Prices and Information.

BREVARD COUNTRY CLUB NURSERY, E. E. FRASER, PROP.
Brevard, North Carolina

"JUG" IS PROMOTED

Harold (Jug) McSpaden, who quit playing the tournament circuit to concentrate with Elmer Ward's Palm Beach and Goodall interests, has been appointed Promotion Mgr. of the Palm Beach Co., 200 Fifth Ave., New York. After a successful career as home club and tournament pro Jug went with Palm Beach in 1940. Now Dan C. Lippmann, Palm Beach vp and Director of Sales and Merchandising, announces McSpaden will make retailing contacts, plan sales promotions and continue to direct the Palm Beach golf championship.

As a home club pro Jug was an exceptionally good merchandiser and worked the selling nicely into his lesson and tournament activities.

NEW CONTINENTAL TREE MOVER

Handling trees with 50" diameter balls and weighing up to 1½ tons is a simple operation for greenkeepers, landscape contractors, and nurserymen using the new Continental Tree Mover. Three-wheel suspension affords exceptional mobility to reach trees heretofore inaccessible, and to plant them in difficult places without injury to turf or other plantings. Unit straddles hole or can be backed up to it for direct lifting or lowering of trees. Boulders, pipe, septic tanks, etc., are a few of the many objects that can be raised or lowered and transported on the Tree Mover. All steel welded construction, but light in weight. Rear wheels are adjustable for...
hillside stability or working in confined areas. The frame is welded off center to the boom and cradle. The front wheel swivels permitting maximum mobility and swings up out of the way during long hauls when hitched to car or truck. Rear wheels are adjustable from 52" to 64" wide tread. A demonstration of the Continental Tree Mover can be arranged and prices and literature are available by writing The DoALL Company, Des Plaines, Ill.

**NEW PUTTER ADJUSTS TO STANCE**

“Tru-Put,” a new mallet-head type putter with adjustable shaft, is attracting wide attention with its accurate puttability. The appeal to the “green-jinx” player is Tru-Put’s adaptability to his best stance. Autographed by “Bucky” O’Connor, U. of Iowa Golf Coach, who says, “I am proud to autograph this new putter; I have followed its design and know it’s good.” Pro prices and descriptive literature from the manufacturers: Putnam Products, Inc., 727 S. Dubuque St., Iowa City, Ia.

care. It can be dunked in water and hung to dry in the player’s locker. It retains its shape, requires no ironing and doesn’t wrinkle. Golflknit comes in maize, beige, white, grey, navy and brown; worn inside or outside slacks. Brill’s easy-fit raglan sleeves assure free swinging. The self-locking zipper at the collar eliminates buttons. Golflknit, popularly priced, is an exclusive pro shop item with usual pro discounts; comes in small, medium, large and extra large sizes. Send all inquiries to Brill Uniforms, 712 N. 5th St., Milwaukee 3, Wis. The Dutch Schmidt selling organization will handle Golflknit sales.

**NEW GOLF SHIRT FOR PRO SHOPS**

Through pro shops only, Brill of Milwaukee, specialists in athletic wear for a half-century, are offering Golflknit, a new and different golf shirt that never needs care. The new shirt, in six muted colors to match with slacks, is made of cool rayon fabric reinforced with long-staple cotton to absorb perspiration. Two high-set pockets keep smokes and tees from spilling. Called “the shirt that lives at the club,” Golflknit never needs dry cleaning or extra care. It can be dunked in water and hung to dry in the player’s locker. It retains its shape, requires no ironing and doesn’t wrinkle. Golflknit comes in maize, beige, white, grey, navy and brown; worn inside or outside slacks. Brill’s easy-fit raglan sleeves assure free swinging. The self-locking zipper at the collar eliminates buttons. Golflknit, popularly priced, is an exclusive pro shop item with usual pro discounts; comes in small, medium, large and extra large sizes. Send all inquiries to Brill Uniforms, 712 N. 5th St., Milwaukee 3, Wis. The Dutch Schmidt selling organization will handle Golflknit sales.

**1914 FULNAME 1950**

Fulname Golf Ball Marking service provides the best in ball marking today. Prepare now for early sales.

GET THE BEST! GET FULNAME!

THE FULNAME CO. CINCINNATI 6, OHIO

**GOLF RANGES**

**MINIATURE GOLF COURSES**

We Have a Complete Line of Supplies

Write for prices

EASTERN GOLF CO.
244 W. 42nd St., Dept. A, New York 18, N. Y.
AUTOMATIC BALL DISPENSER FOR DRIVING RANGES

Mike Kosar, veteran genius of club-making and golf invention development, is the husky gent appearing in the view above of one department of his Kosar Golf Development Laboratory at Cuyahoga Falls, O. In the plant are made numerous types of range clubs, other clubs of special design and one department is devoted to application of Golf-Pride, Kush-Lite and Flexi-Grip grips. In another is made the Kosar rubber tee for driving range mats. A tested device now being presented by Kosar is the Wilcox coin operated ball dispenser shown here. It's a slot machine device dispensing a pre-determined number of balls at a range when a half dollar is dropped into the slot. It's fully automatic and weatherproof.

NEW GRAVELY ROTARY SAW

Gravely Motor Plow and Cultivator Co., Dunbar, West Va., has added a new two-position, power driven rotary saw attachment to the line of labor-saving tools for use with the 5 HP Gravely Tractor. A bolt-secured locking mechanism assures rigid, safe mounting for vertical and horizontal positions. The attachment is useful in felling light timber, clearing undergrowth, extending unused playing areas, etc. Saw is easily moved under its own power — no carrying or setting up to do. Other attachments available for use with the Gravely Tractor include: Sickle Mower, Reel Mower, Sprayer, Snow Plow, Power Brush and others.

PELLENT, NEW INSECT REPELLENT

In 1950, for the first time, many golfers will be able to buy from their golf pros an insect repellent that lasts longer ... is easy to use ... does not mar the finish of their golfing equipment ... and stops the irritation and soreness caused by bug bites. This new product, Pellent, being introduced by the Andy Lotshaw Company, Chicago, repels all common flying and crawling insects found on most golf courses. Easy to apply, in a cream form, in small tubes of a size that fit into any golf bag pocket ... yet lasts for more than 80 appli-
cations . . . each lasting six to ten hours. Pellent has the same vegetable gum and wax base found in many of the fine cold creams and hand lotions.

This new product, developed from a formula used by the Armed Forces on the bug infested islands of the South Pacific, will be a boon to those golfers who have been plagued by biting flies of ravines and gullies, sand fleas of the bunkers, the early evening mosquitoes found on the fairways and greens . . . . and all of the other bothersome pests usually found on golf courses during warm weather.

PORTABLE HOSE REEL

An entirely new type of hose reel is being marketed by The Zierden Company, 3815 South Kinnickinnic Avenue, Milwaukee 7, Wis. This new reel operates exactly opposite to the conventional winch-type reel. The cover acts as a pivot on which the reel spins. To coil, the hose is simply pushed into the reel which automatically revolves as the hose is fed into it. To uncoil, the hose is merely drawn out. This new reel is made of heavy rust-resisting steel. For complete information, write direct to the company.

DU PONT PRESENTS ARASAN SEED TREATMENT

The Du Pont company for years has been working on seed disinfectants for grains, sugar beets, cotton, etc. It decided to do a research job in connection with mixed lawn grass seeds. It did this at its Semesan Laboratory, Minquadale, Del. Average increases of 46½% per cent were obtained in the stands of mixed lawn grass seeds by treating the seed in this series of tests. As a result of this research work, Du Pont has introduced seed treatment of grass seeds as a recommended practice.

Arasan seed disinfectant, one of the family of Du Pont seed disinfectants and turf fungicides, is being recommended for mixing with grass seed before sowing. At a rate of 8 ounces of Arasan to 100 pounds of seed. Arasan seed disinfectant acts to destroy disease organisms on the grass seed. The chemical remains with the seed after it is planted to reduce the infection of disease organisms from the soil. As a result, seed rotting can be reduced, even in cold damp weather.

One of the contributions seed treatment can make is to protect the new seedling from attack by damping-off organisms which kill off a high percentage of untreated seeds, particularly under adverse weather conditions.

L. L. Stirland, sales manager of Du Pont's Semesan Section, said, "When our research laboratory discovered this new application for Arasan, we could quickly visualize what this could mean to the greenkeeper of a golf course where quick, solid grass growth means time and money to the club."

CLASSIFIED ADS

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

For Sale—Three five gang F & N used fairway mowers. Northern Indiana. Address Ad 301, % Golfdom.

For Sale—One thousand doz. used U. S. Range balls, $1.20 per doz.; also 1 Million carrot less @ $1.00 per thousand. Johnson's Range, % John H. Johnson, R. F. D. No. 1, Little Falls, N. J.

WANTED

Golf balls for driving range

I. S. PRESTON

Box 570, Huntington, L. I., N. Y.

Golf Professional—open for position. Excellent in teaching and upkeep of golf course. 20 years experience. Personality, character and credit A-1. Address Ad 302, % Golfdom.

Ideal Power Greens Mower used 3 seasons; also Richland Greens Spiker like new. Write Box 253, Tiffin, Ohio.

Mission Hills G.C., Northbrook, III. (Chicago area) offers a fine position to a capable locker man. Good salary, room and board. Address Ad 317, % Golfdom.

Pro—with outstanding record as instructor and in all pro business activity, seeks new location. Scotchborn. 34 years successful experience including two years as asst. to Harry Vardon and with fine clubs in New York and Chicago areas. At present employed on Pacific Coast. Married; three children. Energetic, pleasant, dependable. First class developer of golf talent and promoter of club activity. Solid references. Address Ad 329, % Golfdom.

(Continued on next page)