

SKINNER



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.

Relieve Your Mind.
**MURDOCK Outdoor Drinking
Fountains and Hydrants**
Do Not Waste Water or
Give Trouble.

The Murdock Mfg. & Sup. Co.
Cincinnati 2, Ohio

MURDOCK



NEWS from the MANUFACTURERS

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



W. J. Murray

The appointment of William J. Murray, as Mgr. of the Fence Dept. of Copperweld Steel Co., Glassport, Pa., has been announced by William W. Ege, V-P in Charge of Sales. In his new capacity, Mr. Murray will head up the sales and installations of Copperweld Chain Link Fence, Barbed Wire and other Copperweld Fence Products. A native of New York City, he

comes to his new position with a background of 30 years experience in the fence industry.

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.

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 sportswear. 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.

for *Velvety Greens*
AND THICK,
STURDY FAIRWAYS



• WHITNEY'S Super-Refined Lawn Seed will help you produce and maintain greens and fairways the golfers really praise. Germination tested mixtures for every need. Write —
WHITNEY SEED CO., Inc.
Buffalo 5, N. Y.

See **WHITNEY SEEDS**

SNOW-PROOF

Leather's Best Friend

Get your share of the profitable SNOW-PROOF business. Nationally advertised. Water-proofs, reconditions golf shoes, golf bags, etc. Stops dry rot. Prevents mildew. Odorless, colorless, not sticky. Sold only in Bismark Brown cans. Retail at 3% on 30¢, 1 lb. \$1.00, 5 lbs. \$4.00. Money-back guarantee. Descriptive folder and sample can sent FREE on request.



Dept. 13
THE SNOW PROOF CO.
Livonia, N. Y.

• BENT GRASS •

Stolons and Sod. Washington—Cl—
and other recommended strains.

HIRAM F. GODWIN

22366 Grand River Ave., Detroit 19, Mich.

"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 PRESSED 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 Cont'n'r \$ 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.

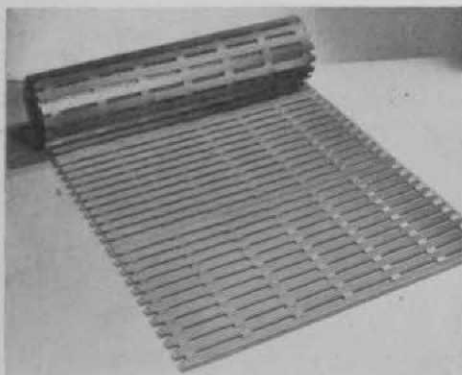
Bert Dargie Golf Co.

2883 Poplar Avenue, Memphis 11, Tenn.

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

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.

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

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. La Salle, Chicago

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.
Tele. - Wabash 2-0725



golf ball 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, Wauwatosa, Wisconsin.

March, 1950

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.

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

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Golf Course Architect

Member: American Society of Golf Course Architects

664 N. Michigan Ave.

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Phone: WHitehall 4-6530

ROBERT TRENT JONES

Member:
American Society of Golf Course Architects

Golf Course
Architect

20 Vesey Street

Tel: Rector 2-2258

NEW YORK, N. Y.

EDERER, NET CHIEF, DIES

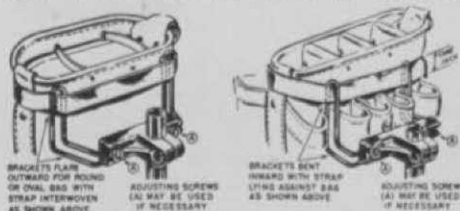
Louis B. Ederer, 79, pioneer in making golf practice nets, died Feb. 28 at Evanston (Ill.) hospital. Mr. Ederer had been president of R. J. Ederer Co. since 1919 and before that was associated with the old organization which does a world-wide business in sports and fish nets. He is survived by his widow 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

WILLIAM F. GORDON

Golf Course Architect

Member
American Society of Golf Course Architects

Doylestown,

Pennsylvania

ALFRED H. TULL

Golf Course Architect

209 E. 49th Street

NEW YORK 17, N. Y.

Monroe FOLDING BANQUET TABLES

"The Table That Never Disappoints"

IDEAL FOR CLUB AFFAIRS

DESIGNED AND MANUFACTURED EXCLUSIVELY BY

THE MONROE COMPANY INC.

12 CHURCH STREET COLFAX IOWA

WRITE FOR Catalog No. 200




Pumps 5000 Gallons Per Hour

For IRRIGATING lawns and gardens, SPRAYING fruit trees, shrubbery, weeds, live-stock, WASHING machinery, tanks, boats, docks, PUMPING OUT basements, tanks, dry wells, boats, WATER SUPPLY to camps, construction operations, FIRE FIGHTING with jet or fog spray.

Pumps a little or a lot of water—at high or low pressures. Sucks water up 20 feet, vertically—primed automatically. Pushes water up more than 120 feet, vertically. Centrifugal. Pumps dirty or muddy water. Order direct or write for Bulletin No. GP101. Irrigation pumps up to 1000 GPM.

\$99

W. S. DARLEY & CO., CHICAGO 12
Manufacturers of the famous Champion Fire Apparatus



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



control 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 drawbar, 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.

GOLF COURSE
RENOVATING & CONSTRUCTION

CUSTOM SERVICE
WEED CONTROL
FAIRWAY & GREEN AERIFYING
TRENCHING
DDT TREATMENT

20 years experience.
Completely equipped with modern machines.

JOHN R. DARRAH
Registered Illinois Engineer
5800 W. Lincoln Highway
Matteson, Ill.

C. D. Wagstaff & Co.

GOLF COURSE DESIGN
AND CONSTRUCTION

of
Skycrest, Tam O'Shanter,
Uni. of Illinois Golf Course,
and
Many other notable courses

Glenview, Ill. Phone 181

WATCH THE PAYROLL GO DOWN!

IT TREATS A GREEN IN 10 TO 15 MINUTES. THE SPEED OUTFIT THAT CUTS EXPENSE.

WITH THE McCLAIN HYDRO-MIXER

Faster treating and fertilizing of Greens is now just a one-man job with this complete inexpensive equipment. Hundreds now working on courses in every part of the country saving thousands of dollars of labor and time. Unequaled for accurate application of chemicals and fertilizers. Displaces large cumbersome spraying rigs. Start today to cut operating costs by writing for the literature.

McCLAIN BROTHERS COMPANY — CANTON, OHIO



R. H. Tractor Wheel SPUDS

quickest to put on or take off. Increase tractor efficiency and cultivate turf that's why more than half the U.S. and Canadian clubs use them. Durable and low priced.

Sample spud and circular on request; advise make of tractor and purpose for which intended.

Immediate shipment.

If your Ford or equipment dealer cannot supply, write direct to:

R. S. HORNER
Geneva, Ohio

MFR. OF SPUDS, FORDSON WHEELS, ETC.



WILLIAM B. LANGFORD
GOLF COURSE ARCHITECT
Balanced Topographical Design

Member:
American Society of Golf Course Architects
Telephone: KEystone 9-6501

2405 Grace Street, Chicago, Illinois

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



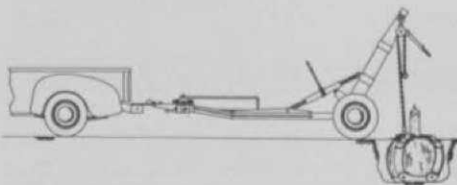
"Jug" McSpaden

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

JAMES GILMORE HARRISON

Golf Course Architect

Either Contract or Fee

R. D. #3, Box 372
Phone — Valley 3225

Turtle Creek, Pa.
Suburb of Pittsburgh

David Gill

GOLF COURSE ARCHITECT
ENGINEER and CONSULTANT

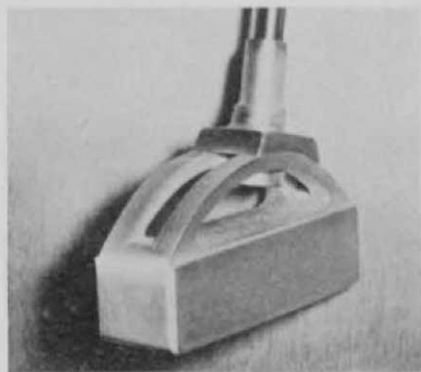
PLANS • SUPERVISION • SPECIFICATIONS

phone ANdover 3-5049
35 East Wacker Drive Chicago 1, Illinois

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.

NEW GOLF SHIRT FOR PRO SHOPS

Through pro shops only, Brill of Milwaukee, specialists in athletic wear for a half-century, are offering Golfknit, 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," Golfknit 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. Golfknit 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. Golfknit, 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 Golfknit 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

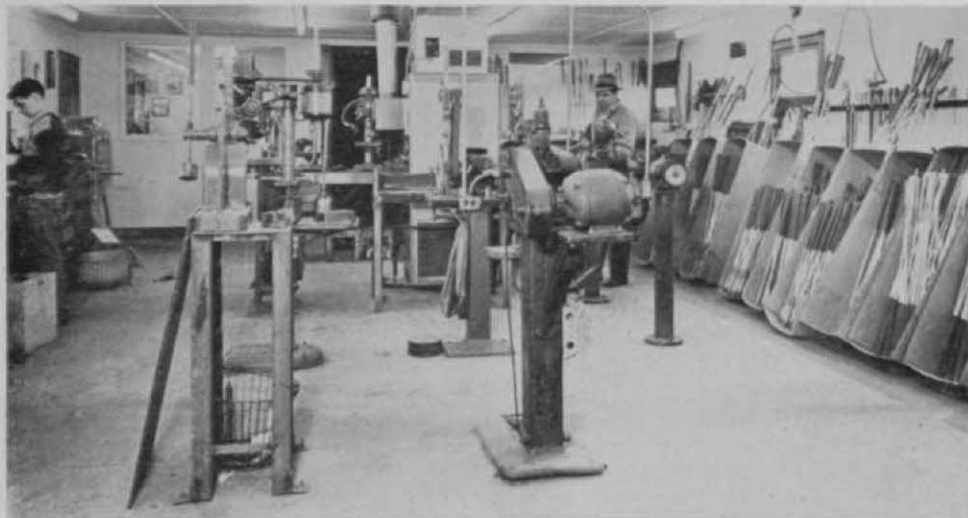
GOLF RANGES

MINIATURE GOLF COURSES

We Have a Complete Line of Supplies
Write for prices

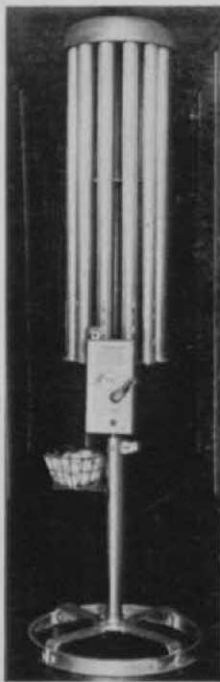
EASTERN GOLF CO.

244 W. 42nd St., Dept. A, New York 18, N. Y.



AUTOMATIC BALL DISPENSER FOR DRIVING RANGES

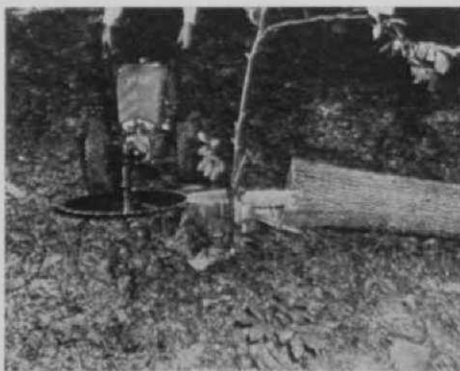
Mike Kosar, veteran genius of club-making and golf invention development, is the husky gent appearing in the view above of one department of his Kosar Golf Development Laboratory at Cuyahoga Falls, O. In the plant are made numerous types of range clubs, other clubs of special design and one department 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 Willcox 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

Gravelly 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 Gravelly 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 Gravelly 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 un-



coil, 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. per word. 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 carrott tees @ \$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 C.C., Northbrook, Ill. (Chicago area) offers a fine position to a capable locker man. Good salary, room and board. Address Ad 317, % Golfdom.

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