

REVOLUTIONARY

STEEL POWER CENTER



First Flight

GOLF BALLS LOADED WITH POWER

**SOLD ONLY
IN PRO SHOPS**

PROFESSIONAL GOLF CO. OF AMERICA, INC.
CHATTANOOGA, TENNESSEE
Originators of Registered Swing Weight Golf Clubs

AUCTION

THURS., JULY 25 10 A.M.

RAIN
OR
SHINE
You Set
Price

**TWIN LAKES COUNTRY CLUB
& JIM JONES TREE FARM**
Beauty Spot Midway Between
GENEVA & ENTERPRISE, ALA.

Go 11 miles S. on Highway 27 from Enterprise to Chancellor. Go left 2 miles. 95 miles S. of Montgomery. Air Service to Dothan 30 miles away. Warm winters—famous hunting territory.

**FACILITIES TO MAKE A FORTUNE
831 ACRES FOR PLEASURE & PROFIT**

Everything subdivided or offered as a whole—going for what it brings. Pre-designed 9-hole course with great natural beauty. Luxurious club house, fish-filled lakes, delightful cottages, lease on 1700-acre game preserve, big Hollywood pool, kiddies playground and everything for family pleasure. Set up now with good income from private members in 5 near-by towns. Continue this plan or open it to the public and make a fortune. Only golf course in 100 mile radius except Dothan where membership is closed. 50,000 trading area. Ideal for resort. Everything quality and showroom bright. Busy New Yorker can't operate it.

**480,000 PINES SET OUT
OVER 500 ACRES IN
'55, '56, '57**

Nation's fastest growing tree area. There is no comparison with income from pines and an ordinary investment like

Gov't bonds, stocks or bonds. Also many pines ready to saw. Valuable Soil Bank payments. Population pressures mean increasing value here.

ON DISPLAY
See for yourself the great potential here. All club facilities free.

**WRITE, WIRE OR
CALL FOR BROCHURE**
Shows pictures . . . gives details on year's best New South opportunity.

GOLF EQUIPMENT GOING

At Price You Set!
Nationally advertised clubs, balls, driving range set, New Worthington gang mower set, new 800 Ford tractor with all attachments, '57 Chevy pick-up, Simplicity gang mower, Ford water truck, ship tools, furniture and scores of other items too numerous to mention. Bargains for all.

Gov't bonds, stocks or bonds. Also many pines ready to saw. Valuable Soil Bank payments. Population pressures mean increasing value here.

J. L. TODD AUCTION CO.
302 West 3rd Street Rome, Georgia
Phone 4-1656 — 4-1657
LICENSED • BONDED • INSURED

Ordering Merchandise?

Check GOLFDOM's Complete
Buyer Service — Page 79

Improves Soil Structure



Waterlogging made turf maintenance practically impossible on one long fairway at Vero Beach (Fla.) CC. This problem is being solved by Supt. George L. Duncan, by disking the fairway with an International 300 Utility tractor, using a deep-cutting harrow to improve soil structure by working gypsum, crushed granite and sand into the ground. With the soil thus conditioned for better surface drainage, the fairway will be replanted with Bermuda. Two gangs were added to Vero Beach's fairway mower, formerly pulled by a lighter, less powerful tractor, and mowing now is done in fifth gear.

Alexander, Meyer Get New Positions With Wilson

Reece Alexander has been named pro golf salesman for the Cleveland branch and John Meyer has been appointed advertising production mgr. by Wilson Sporting Goods Co. A former Texas U. golfer and later an assistant pro, Alexander will cover the metropolitan Cleveland district. He has been with Wilson since 1956.

Meyer succeeds Harty Hoff, who will devote more time to agency contact work, as production head. He has worked as a dealer service man and also has been responsible for Wilson's catalog program.



Mayer Is First Open Champion to Use Glass shafts

Ted Woolley

Dick Mayer

Harold Boeschenstein

Lloyd Mangrum

Dick Mayer, a member of the Golfcraft, Inc., advisory staff, distinguished himself not only by winning the 1957 National Open but by being the first fellow to win The Open with Glasshaft clubs. Dick's irons are Torsion-Control Glasshaft, the shafts being made of fiberglass reinforced. Ted Woolley is pres. of Golfcraft, Inc.; Boeschenstein is pres. of Owens-Corning Fiberglas Corp.; and Mangrum, also a Golfcraft staff member, designed the Glasshaft clubheads.

EXCLUSIVE - Promoted for Pro Shop Sales



NEW *Golf Pride*
VICTORY GRIP

Here is your key to pro-shop progress!
Spark player interest. Use grips to build business.

SO MUCH THAT IS NEW.

NEW "Gripriite-Swingrite" form finder.
NEW Internal Rib for positive positioning.
NEW material discovered. Only grip material which will
not harden or glaze. Non-slip, any weather.
SELL—Golf Pride's VICTORY GRIPS.

NEW
The Herringbone pattern
gives the finest
TRACTION ACTION

**DRIVE FARTHER!
HIT STRAIGHTER!**

FAWICK FLEXI-GRIP CO.

Box 8072

Akron 20, Ohio

**SAVE
CLUB HOUSE
FLOORS**

**with
spike-resistant
pneu-mat runners**



Protect your floors from spike holes with rugged Pneu-Mat Runners. Absolutely spike-resistant, they provide a comfortable walking surface — improve the appearance of your club house.

Woven of rubber-impregnated fabric, Pneu-Mat Runners are tougher than rubber runners. Reversible for double wear.

MONEY BACK TRIAL OFFER:

Order a trial section. Test it on an area which gets especially hard wear. Money back if not satisfied.

Standard Widths
20"-24"-30"
36"-42"-48"
Trial Sections
24"x60" \$10.00
20"x24" \$4.00

Write today for illustrated folder.

SUPERIOR RUBBER MFG. CO., INC., 145 Woodland Ave., Westwood, N. J.

**Ground-Breaking for
New DBA Products Plant**

Remo Picchietti (left), and his brother, John, Jr., of DBA Products Co., are breaking ground for the construction of a new plant in Deerfield, Ill. The company manufactures a complete line of cleaners, polishes and finishes for the bowling, golf and printing industries. John Picchietti, Sr., reports that the new plant will be occupied by early fall, and that the move represents a considerable expansion in sales and manufacturing operations. The plant will be located at 350 County Line Rd. in Deerfield.



**Clean 'N' Cool Suggested for
Eliminating Foot, Shoe Odors**

Clean 'N' Cool for feet and shoes, a product of Clinical Development Laboratories, 2600 S. Walnut st., Springfield, Ill., contains anti-septic and soothing emollients that are said to relieve sore, hot and tired feet and eliminate both foot and shoe odors. Its fungicidal and bactericidal action help in the prevention and treatment of athlete's foot. Clean 'N' Cool is packaged in an aqua green spray can and is recommended by the producer as a good pro selling item.



**MULCH-VAC IS THE CLEANER
FOR ALL OUTDOORS!**

↓ Vacuums up, cuts into fine mulch, blows leaves back to ground as finest fertilizer, wet or dry, cleans up to 30 acres in 8 hr. day.



25 H. P. UNIT SHOWN HERE—SMALLER MODELS ALSO MADE



New LO-BLO, the Air Broom for tidy greens and grounds.

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Atwater, Ohio Phone 7-2344

LAWN MOWER STATIONARY BLADES



SINGLE (1/4") Raised Lip — Heavy Duty Blades for all Makes of Fairway and Rough Gang Mowers. DOUBLE (1/4") Raised Lip — Heavy Duty Blades for all Makes using this type Blade. Hand and Power Putting Green Mower Blades, Power Mower, Tee Mower and Trimmer Blades all made of the best quality knife steel and specially hardened to insure long wear and fully guaranteed to give complete satisfaction. Municipal Parks and Golf Courses, Public Courses, Golf and Country Clubs, Dealers and Repair Shops allowed special discount. You will save important money buying direct from manufacturer.

Price sheet on request
or we will quote price
for your blade order.

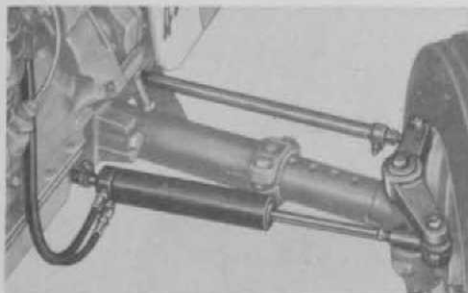
JONES MOWER & EQUIPMENT CO.

2418 Grasslyn Avenue, Havertown, Pa.

We pay the postage
on all orders of \$15.00
and over.

Power Steering Is Newest Addition to John Deere Tractors

Power steering, of particular advantage in operating tractors when equipped with front-end loaders or other heavy front-mounted equipment, is the latest advancement in the



John Deere line of industrial tractors and equipment.

The new power steering assembly is available for factory or field installation on the "420" Utility and "420" Special Utility tractors. It includes a hydraulic cylinder located between the tractor front-end support and

a special heavy-duty steering arm.

The hydraulic cylinder, which has an 8-in. stroke, receives oil from the regular Touch-o-matic hydraulic system through a special hydraulic flow divider and control valve. The hydraulic flow divider, control valve, and oil lines are located under the tractor hood. The system is actuated by applying approximately 3 lbs. of pressure to the steering wheel. Tractor can be steered manually if it is desired to move it without starting tractor engine.

When the tractors are furnished with power steering they are also equipped with extra heavy-duty, non-adjustable tie rod assemblies. These assemblies are also included in power steering attachments for field installation.

Du Pont Issues Work-Record Book for Course Superintendents

A special workbook, designed to aid course superintendents in keeping accurate records of fertilization programs, maintenance work, general improvement and other expenses, has been issued by DuPont Company's Polychemicals Dept.

Part of the workbook is divided into eighteen sections — one for each hole — complete with charts, forms and tables. Space is

Budget Priced Aerifier*

CULTIVATES 4 1/2' SWATH

Rigid Construction Easy to Transport

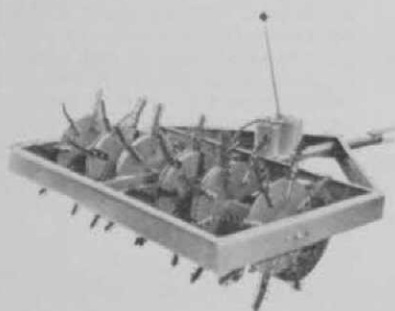
West Point's Model "U" Aerifier, though modestly priced, has plenty of weight and rigid shaft which insure uniform cultivation of the 4 1/2' swath. The disc assembly is raised by hydraulic control for safe, fast transport.

West Point has the right Aerifier to fit your needs and your budget—five tractor-drawn and three power-driven models. Write for literature.

West Point Products Corp.
West Point Pa.

*Reg. U.S. Pat. Off.

Sold in U.S. & Canada



The Model "U"

provided for a sketch of the boundaries of each hole and the location of tees, greens and fairways. Suggested symbols make it easy to indicate traps, water lines, grading, excavations, and drainage ditches on the sketches.

Other charts and forms are provided for recording fertilizer applications, and unusual watering, mowing, verticutting or aeration work. Weather conditions also can be noted for later reference or for comparison with other seasons.

The workbook also includes a simple group of forms for financial records: the year's budget, the cost of salaries, wages, fuel, power, water, seed, fertilizers, turf fungicides, new equipment, etc.

In addition to these features, a fertilizer analysis chart and sample operating budgets from average 9- and 18-hole courses, can be used by supts. as guides in making up yearly budgets.

Supts. may obtain copies of the workbook by contacting their local distributor for "Uramite" fertilizer compound, or by writing to Du Pont Polychemicals Dept., Wilmington Manor, Wilmington, Del.

Midwest Meeting

Midwest Regional Turf Foundation field days, scheduled for Sept. 16-17 at Purdue University, Lafayette, Ind., will be divided between groups from the northern and southern sections of the Midwest region.

GOLF TROPHIES and PRIZES

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LOWEST PRICES!!

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No. 900-Z9-3
All Sunray Trophy.
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MAKE US PROVE IT NOTT'S ARTOX Kills Crab Grass FASTER-PERMANENTLY

NOTT'S ARTOX (SODAR®), a formulation of Di Sodium Monomethyl Arsonate, is the *guaranteed specific contact* killer for smooth and hairy crab grass.

But don't take our word for it. Put us to the test at our expense. We want you to try ARTOX. You'll be AMAZED and thank us for the results. For FREE sample attach coupon to your club letterhead and mail. Send it today for turf free from crab grass.

- 1 - Kills CRAB GRASS
- 2 - Leaves Permanent Grass Unharmd
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ARTOX and other NOTT PRODUCTS available through your Horticultural Supply House.

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NOTT MANUFACTURING CO., INC.
Mount Vernon, N. Y.



NOTT'S ARTOX "Special" has been successfully combined with 2,4-D, a specific for troublesome broadleaf weeds, silver crab and smooth and hairy crab grass.

FREE! Send me free sample and further information on ARTOX.

Have a field man call on me to help solve my turf problems.

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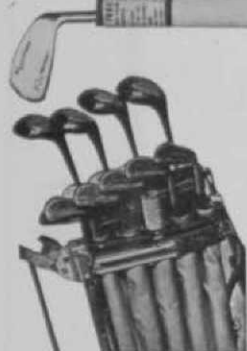
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Par Tube Protects Your Grips The Full Bag Length



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

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Oval or Round Type Bags

Portable Oxygen Unit for Club Emergency Use

George P. Reinberg, 82, Beaver st., New

York 5, representing Cycle-Flo Co. of Milford, Conn., is the outlet for Pocketaire portable oxygen unit that is recommended emergency equipment for clubhouses and courses. The complete unit includes flow regulator with pressure gage, yoke, attached wrench, two disposable masks, connecting tubing and 2 lightweight cylinders in a leatherette luggage case that weighs about 17 lbs. Inquiries should go to Reinberg.



Jacobsen Appoints Kudrna to N.E. Supervisory Post

Edward S. Kudrna has been appointed field

Golfers! Playing Tam O'Shanter?
Start Fresh and Spark Your Game!

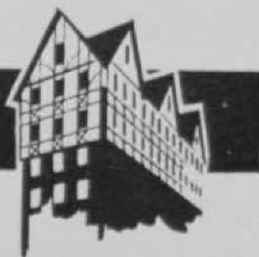
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North Shore Hotel

ONLY 8 MINUTES FROM THE COURSE

350 rooms from \$4. Family size apartments. Air conditioning and TV available. Pleasant Cafeteria. Ample Parking. Ticket Service. 18 minutes to downtown Chicago.

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MANAGER



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PAR TUBE Plastic



ROLLED
PROTECTIVE
EDGE

A good durable tube for those who prefer plastic. Packed in cartons of 42 only.

service supervisor for the New England and North Atlantic states territory of Jacobsen Manufacturing Co., Racine, Wisc. Kudrna has been with the Jacobsen organization for 11 years, serving in the engine and repair dept. In recent months he has been an instructor in the Racine Vocational and Adult school on two and four cycle gas engines, a course that is sponsored by Jacobsen. Kudrna will make his headquarters in Plainfield, N. J. after July 15.

CREEPING BENT STOLONS

Penn 10 (37) 4.

Arlington C-1.

Congressional C-19

Old Orchard C-52

Old Orchard Turf Nurseries

P. O. Box 350—Tel. AL 6-6395

R. R. BOND, Prop.

Madison 1, Wisconsin

Branch Nursery in Farmington, Iowa.

THE GREENS ARE THE FOUNDATION OF ALL SUCCESSFUL GOLF COURSES

New Mechanical Blotter Mops Wet Turf

Wet turf now can be attacked by a new "mechanical blotter" which soaks up excess moisture in much the same way as a household sponge mop.

Called the Aeri-Dryer, a product of West



Point Products Corp., West Point, Pa., the new machine is self-propelled and features a 24-in. long cellulose sponge roller which absorbs moisture as it rolls across the grass. The specially fabricated Du Pont sponge, which holds up to 20 times its weight in water, is squeezed dry by a wringer and the water whisked to a removable sump pan.

Golf courses and other outside recreational areas face major problems in rain and dew. The manufacturer claims the Aeri-Dryer offers protection for expensive grass which can be seriously damaged when rain is followed by blazing sun. Dew can be removed quickly for earlier mowing, providing more playing time on perfectly conditioned greens.

Golf officials have expressed interest in the Aeri-Dryer as insurance for major tournaments. After a downpour, wet areas can be blotted quickly and play resumed. Puddles can be removed by a special vacuum attachment which sucks up the water and pumps it by hose to a safe drainage area.

Golfcraft Reps

Sam Tilson has joined John F. Hawes of Hendersonville, N. C. They will cover all the Southeastern states for Golfcraft, Inc. as well as several sportswear firms. Tilson was formerly located in Savannah, Ga.

**Tell Them You Saw the Ad
in GOLFDOM**

Golf Score Cards

Get the BEST from "VESTAL"

CHARGE CHECK BOOKS

HANDICAP CARDS and PANELS

BAG and GUEST TAGS

(WRITE FOR CATALOG)

VESTAL-MONROE PRINTING CO.

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MORE PROFIT!

with the



Autoette has manufactured, sold and serviced more electric cars than most other manufacturers combined!—a product of...

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COLBY PIONEER PEAT

Products for building and maintaining golf greens are available for prompt shipment.
BLACK—cultivated fine milled for top dressing.
BROWN—peat for building new greens.
GREENS—top dressing (1/3 peat - 1/3 sharp sand and 1/3 loam), or any required proportion.

QUOTATIONS on materials packed in plastic lined bags, or in bulk gladly furnished.

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HANLONTOWN, IOWA

OUR 16th YEAR

of Service to Golf Professionals
Quality Awards Shipped Promptly

FOR CATALOG AND DISCOUNT WRITE

Sports Awards Co.



429 W. Superior St.

CHICAGO 10,

ILLINOIS

Aquatrols Releases Revised Distributors List

Aquatrols Corp. of America, 730 Lancaster ave., Bryn Mawr, Pa., has recently released a revised list of its distributors in the U. S. and Canada. It is as follows:

Calif. — Butler Feed Mill, San Diego; Ewing Turf Products, San Francisco; Pacific Toro, Los Angeles, Colo. — Colorado Toro, Denver, Conn. — Halstead Dist. Co., Mt. Kisco, N. Y.; Hubbard Hall Chem. Co., Portland; C. M. Jenkins, So. Glastonbury, Dela. — Baltimore, Md. Toro Co.; Philadelphia Toro Co. Illinois — George A. Davis, Chicago.

Indiana — Garden Gate, Ft. Wayne, Kansas — D. B. Bell & Son, Kansas City, Mo. Kentucky — Dixie Lawn Supply, Louisville. Maryland — G. L. Cornell Co., Bethesda; Baltimore Toro Co. Mass. — Clapper Co., West Newton; Hubbard Hall Chem. Co., Portland, Conn.; C. M. Jenkins, So. Glastonbury, Conn. Michigan — Johnson Supply Co., Pontiac, Missouri — D. B. Bell & Son, Kansas City, Link's Nursery, Creve Coeur; Nebraska — D. B. Bell & Son, Kansas City, Mo.

New Hamp. — Clapper Co., West Newton, Mass.; Hubbard Hall Chem. Co., Portland, Conn. New Jersey — Halco Chem. Co., Kenilworth; H. W. Ridgeway Co., Mickleton; A. H. Guthrod, Irvington; Phila. Toro Co.; New York — Eaton Equipment Corp., Hamburg; Halco Chem. Co., Kenilworth, N. J.; Halstead Dist. Co., Mt. Kisco; Lafkin Golf & Lawn, White Plains; Wackman's Lawn & Golf Equip. Co., Albany. No. Carolina — E. J. Smith & Son, Charlotte.

ATTENTION

Driving Range Operators and Distributors. We specialize in rebuilding golf balls with strictly new materials. Satisfaction guaranteed.

WAYNE GOLF BALL CO.

31117 Little Mack

St. Claire Shores, Michigan

Ohio — Sidney L. Dryfoos, Cleveland; I. G. Harman & Son, Canton; Jacobsen Power Mower, Columbus. Oklahoma — Dunning-Jones, Inc., Tulsa. Pennsylvania — E. H. Griffith, Inc., Pittsburgh; Phila. Toro Co.; State College Labs. Rhode Island — Hubbard-Hall, Portland, Conn.; C. M. Jenkins, So. Glastonbury, Conn. South Carolina — E. J. Smith & Son, Charlotte, N. C. Tennessee — Tenn. Turf & Toro Co., Knoxville. Texas — Goldthwaite's Texas Toro, Ft. Worth. Vermont — Hubbard-Hall, Portland, Conn. Virginia — G. L. Cornell Co., Bethesda, Md.; E. J. Smith & Son, Charlotte, N. C.; Tenn. Turf & Toro, Knoxville. West Virginia — E. H. Griffith, Inc., Pittsburgh. State College (Pa.) Labs.

Canada: British Columbia — British Amer. Chem. Co., Vancouver, Ontario & Quebec — F. Manley & Sons, Ltd., Toronto.

Acushnet Distributes Catalog to Pro Shops

For the convenience of shopping golfers and pros, Acushnet Process Sales Co., New Bedford, Mass., has distributed catalogs covering its complete golf equipment line to pro shops throughout the country. The 16-page book is printed in two colors and lists and illustrates every item bearing the Acushnet name — balls, mallets and Bull's Eye putters, gloves and head covers. This is Acushnet's first venture in distributing catalogs.

TROUBLE-FREE SERVICE

EVERY DAY—
EVERY WEATHER!

Write for FREE Catalog

The MURDOCK Mfg. & Sup. Co.

Cincinnati 2, Ohio

MURDOCK
OUTDOOR
DRINKING FOUNTAINS
HYDRANTS
LAWN HOSE BOXES



GOLF BALLS FOR PROS ONLY

ALEX CAMPBELL, high compression, liquid center
ALEX DUNCAN, medium compression, liquid center

EDINBURGH, low compression

The best medium priced pro line available, marked with our trade name or private brand. Balls guaranteed.

Used cut or uncut balls taken in trade or purchased.

Custom repainting of your golf balls.

Write for prices.

HUGH J. McLAUGHLIN & SON

Crown Point, Indiana



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

Haws Introduces Stainless Steel Recessed Fountain

Haws Drinking Faucet Co., Berkeley, Calif., has introduced a full-recessed drinking fountain, smoothly designed in 18 gauge, type 304, No. 4 finish, stainless steel.

The receptor, which weighs less than 30 lbs., is effectively sound insulated, and has a convenient removable front access panel. Its simple, uncluttered lines complement diverse interior surroundings.

Model 82 provides automatic stream control and a self-closing valve, operated by a chrome plated lever handle. Haws Model M shielded anti-squirt fountain head is on a raised boss and is locked to the receptor in a vandal proof manner.

The new full-recessed model is 30-1/4 ins. high, 15-1/4 ins. wide, and has a depth of 10-3/4 ins.



TEEMATS

★ 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

Chicago Club Installs New Cast Iron Sprinkling System

Ridge CC of Chicago is now in the midst of installing a completely new irrigation system on its golf course. The system will take care of all fairways and greens. It will be of modern design, so that large areas of the course can be watered with minimum labor. Each of the irrigation stations will sprinkle an area having a diameter of 86 ft. Spray nozzles are supplied from a 6-in. cast iron water main through 1 1/2 in. riser connections. These riser pipes are assembled from several elbows and short nipples so that when a tractor or other vehicle passes over a connection, no damage occurs.

A large lake for water distribution is being excavated near the center of the course. It will serve as a balancing reservoir for irrigation needs. A pumping station is being erected to deliver water from the lake to the irrigation system at 125 lbs. pressure using a 500 gpm pump with a 60 hp motor. The distribution system consists of over four miles of pipe. The 6 in. and 4 in. are class 150 mechanical joint cast iron pipe and the smaller laterals are of galvanized pipe. These serve 210 irrigation outlets. Use of water from the artificial lake or reservoir for irrigation purposes will im-

LIQUID-LUSTRE GOLF BALL WASH

Costs as little as 2c per washer per week!

- Keeps golf balls SPARKLING WHITE!
- Perfectly safe for washers... either hard or soft water!
- Will Not cause RUSTING!
- No unpleasant odor—Ever!
- Already enthusiastically accepted by satisfied golfers!

ORDER YOUR SUPPLY TODAY!
Per single gallon\$4.75
5 gallons, per each gal. can 4.50
Order from your dealer or direct from DBA and give dealer's name



PRODUCTS CO., INC.

Deerfield, Illinois

ATTENTION! ALL PRO SHOPS

Increase your profits in trophies, yet give your customers more for their money. Deal Direct with Trophy Mfr.

For Catalog and Discount Write

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MODEL #777
15" HEIGHT
NET PRICE
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Trophies, Medals, Charms, Engraving

Make Top-Soil Out of Sub-Soil

by working in

Hyper-Humus

SURFACE COMPOSTED PEAT
The Organic Soil Improver

You can have velvet greens in spite of soil handicaps. Let us show you how raw sub-soil can be transformed into fertile top-soil for less than the cost of hauled-in top-soil.

Write us for Special Bulletin — "Make Top-Soil Out of Sub-Soil"



Ask your supply dealer for **HYPER-HUMAS**

HYPER-HUMUS COMPANY

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Newton, New Jersey

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SHAWNEE ON DELAWARE
Pennsylvania

Championship 18 hole course, delicious food and excellent accommodations at "Summer Golf Capitol of the East." Harry Obitz, professional. Make reservations now. Phone Stroudsburg 140.

GOLF COURSE CONSTRUCTION

By **CONTRACT**

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35 Years Experience
•

MADDOX CONSTRUCTION COMPANY

Phone 110

Rankin, Ill.

prove domestic pressure from the city mains for the clubhouse.

Mains are being installed at a 36-in. depth



Left: 4-in. mechanical joint cast iron pipe being installed at Ridge CC. Right: One week after pipe was installed fairway was in excellent shape. You have to look hard to see where ground was excavated.

and will be drained during the winter. Irrigation outlets are being attached to mains by the use of saddle and swing joint connections.

The contractor is required to flood all trenches, then compact the dirt around and under the pipes in such a manner that no



45 deg. bend was made and a sprinkler head installed at this point.

spoil is left over. All trenches are kept to a width of 10 in. and no heavy equipment is allowed on the course. The supt. is removing sod in advance of the excavating contractor as the pipe lines are staked out. As soon as the contractor has compacted the backfill, the supt. reinstalls the sod and a small layer of black dirt so that within a weeks time, it will be difficult to detect where the new water mains have been installed. Assembling of the pipes in the trenches is being handled by a plumbing subcontractor as well as the assembling of the riser pipes. The two contractors are able to install some 600 ft. of pipe per working day in good weather, with only small inconvenience to players. Total cost of the irrigation system will be over \$70,000.

ALFRED H. TULL

Golf Course Architect

Larchmont, New York

WILLIAM P. BELL & SON

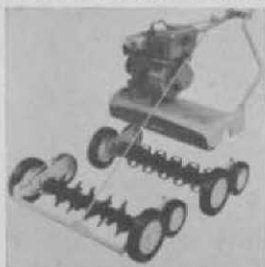
GOLF COURSE ARCHITECTS

Member: American Society
of Golf Course Architects

544 Sierra Vista Avenue
Pasadena 10, California
Sycamore 3-6944 Atlantic 7-2933

Mechanical Crabgrass Control

Henderson Mfg. Co., Fisher, Ill. will soon publish a booklet on mechanical crabgrass control and turf renovation, written by William H. Daniel, Purdue University agronomist. The booklet tells how when grass is weakened by disease and summer heat it is invaded by annuals such as crabgrass. Daniel goes on to describe how a machine now available, the Henderson "thin cut" (an auxiliary reel assembly that can be substituted for a lawn mowing assembly) selectively weeds out competitive grass. The unit renovates turf by thinning and replanting and also is practical for normal grass mowing and mulching.



angle Conduit and Cable Co., Inc., New Brunswick, N. J.

Entitled "Prospectus on Golf Course Irrigation," the brochure presents a simplified analysis of the problems encountered by irrigation planners and discusses briefly procedures which may be used in their solution. Some of the irrigation factors, covered in detail in the brochure, are: reasons for irrigation; types of pipe available; irrigation considerations including sources of water, private well water versus municipal water, expansion problems, etc.

Merion Bluegrass Association Meets in California

Coinciding with the 31st annual convention of the Pacific Seedsmen's Assn. convention, annual meeting of the Merion Bluegrass Assn. took place in Monterey, Calif. late in May. Arden Jacklin was elected pres., Darcy Sater, vp, and James G. Eveson, secy.

Board of directors was increased to nine members. Directors include Lloyd Arnold, Louis Olson, Raymond Wendell, George Royes, Gager Vaughan, Stan Fagg, Darcy Sater, Arden Jacklin and Ed Geary. Margaret Herbst of New York will continue to serve as director of information, maintaining headquarters at 101 Park ave., New York 17, N. Y.

Triangle Brochure Aid in Planning Irrigation Systems

A new, 12 page, illustrated brochure to assist golf course officials in planning irrigation systems is available free of charge from Tri-

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