A SUCCESSFUL greenkeeper says: “Getting radio weather reports in the morning before I shave has helped me form the habit of having the day’s work all planned for my men by the time I reach the barn. Threatened weather changes have so much to do with greenkeeping, I think now I’d be lost without the radio reports.”

Senior League Popular—Up in Minnesota, the Twin City Senior golf league of ten 6-man teams from clubs around Minneapolis-St. Paul are fighting it out for the fifth season. To be eligible, a player must be over 50 years of age and belong to one of the clubs in the league.

Ten meetings are held during the season, once at each club, and each team meeting every other team once. Play is on match basis, with 2 points for each man a player defeats and 1 point for ties. Expenses are covered by a 75c fee per

PAR

THE MODERN GOLF BALL WASHER
In performance . . . appearance . . . sanitation . . . lower upkeep cost . . . on every comparison, the PAR is a spectacular improvement.

This newer, better cleaning action is obtained by the rotation of sponge rubber brushes in a rust-proof aluminum casting.

Finished in aluminum—no extra charge for any standard color.

See Your Golf Equipment Dealer.

PAR GOLF PRODUCTS, Inc.
410 Hanna Bldg. CLEVELAND, OHIO

That Happy Combination of Quality and Economy is offered in our

New Broadmoor One-Color Score Card

Produced by a New Process, its price is $21 for 5,000. The card, fully complete and comprehensive, is not small and the stock is heavy.

Samples to clubs on request

JOHN H. VESTAL CO., Printers
703 South La Salle Street — — — Chicago
ROOT ALL PURPOSE SPREADER
ALL METAL CONSTRUCTION

TOP-DRESSING, FERTILIZING, SEEDING
This machine will cut upkeep cost more than any piece of equipment used on golf courses. For speed, economy and perfect application it is unexcelled.
THE ROOT MANUFACTURING COMPANY
1051 POWER AVE., CLEVELAND, OHIO

ROSEMAN HOLLOW ROLLER MOWERS
One of these three purchase plans will fit any budget:
METERED MOWING PLAN—TIME PAYMENT PLAN or the CASH PAYMENT PLAN.
Write for complete details.
ROSEMAN TRACTOR MOWER CO.
800 Davis St. Evanston, Ill.

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. All sizes for all purposes. 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, FORD-SON WHEELS, ETC.

man per meeting, which amasses sufficient funds to buy generous prizes and leave enough money to finance the annual dinner each fall.
The League attracts wide interest, not only from the competitors, but also from other members of the clubs and golfers in general.

OUT in Kansas City, Roland Ford, Jr., has applied ideas and methods of expert greenkeepers in establishing the Lawn Improvement Co., which undertakes by contract the maintenance of lawns. In the Kansas City sector a major problem is that of water grass during the summer.
Proper fertilization, of course, is a basic feature of the work. Ford, who has been interested in golf course construction and maintenance for some time, points out that his company's work makes very ready acknowledgment of the leadership of greenkeepers in turf development; and by extending expert methods of greenkeepers to homes, Ford is clicking in his pioneering work.
Ford also conducts a Sunday column "Care of the Lawn" in the Kansas City Journal-Post.
The entire operation is confirmation of our confidence that the wide possibilities of interest and value in the greenkeepers' work provides the basis for a much livelier recognition of the money worth of greenkeeper services if a steady publicity campaign were conducted by the greenkeepers.

MICHIGAN state agricultural experts have made some farm tractor operating cost analyses that will interest greenkeepers, notwithstanding the wide variation in farm and golf course work.
Records on 66 tractors showed average annual use of 236.1 hours for two-plow size tractors and 235.9 hours for three-plow size tractors. Annual operating and fixed costs were $148.86 for the two-plow size and $190.63 for the three-plow size.
Data on two-plow size tractor:
Fuel .......... $49.78
Lubricants .... 12.57
Repairs ....... 19.53
Labor on tractor .... 6.65
Interest ...... 17.70
Shelter ...... 5.67

It would be interesting to compare these costs with those of golf course tractors which of course are operated far more hours per year than are farm tractors.
GRASS SEED
of "Known Quality"

On request—"1936 Golf Turf Book"—containing information on turf maintenance, as well as a complete list of Golf Requisites, Fertilizers, Insecticides, Sprinkling and Irrigation Equipment, free on request.

Stump & Walter Co.
132-138 Church Street (Cor. Warren St.) New York

GOLF'S MARKET PLACE

Fred Dowling, well known golf salesman, is now handling the Kenneth Smith clubs on the Atlantic seaboard from Boston to Washington, and is doing sales promotion work for Penfold balls in the same territory. His headquarters are at the Penfold office, 11 Park Place, New York.

Pros selling Acushnet golf balls this year are on the receiving end of a beautiful electric clock. This clock sets on a finely finished wood base large enough to hold two boxes of Acushnet balls.

These electric clock units are part of a merchandising plan which will supply the pro-shops with material fine enough to be accepted by members at all golf clubs and as a practical means of displaying merchandise.

"Drainage Products" is a 48-page catalog recently published by the Armco Culvert Manufacturers Ass'n., Middletown, O. The principal products described include Armco corrugated pipe for drainage, connections and fittings, Multi Plate pipe and arches, part circle culverts and Calco drainage gates. There is current information on "where drainage is needed." Free copies may be obtained on request.

Penfold is taking steps to insure constant quality and performance in the coming American-made Penfolds. The new plant will feature completely automatic equipment.

The new Penfold ball plant will be the only one of its kind in America. Under the Penfold process a visitor to the plant could, without risk, put his hand on any machine in the works and find it cool. This avoidance of heat is a fetish with Penfold.

Heat, Penfold says, kills resiliency—"life"—the ability of a cover to "take it," adding heat takes the "temper" out of the rubber thread and covers.

Penfold will reproduce the same high tensions, both in tape and thread, that he now maintains. The "Chemo-Welding" of the cover will be done exactly as it is today in Birmingham, England. There will be no deviation whatever from the high-quality standards Penfold has set and maintained. The regular Penfold pro-only policy will be continued.

Ten years have elapsed since the United States Golf Association Green Section under the direction of Dr. John Monteith...
Showing a solid length of Bent turf to illustrate its toughness and strength, made possible only by proper preparation of soil.

**CREEPING BENT TURF**

Our true Washington Strain Bent in solid turf form makes model greens. Also in stolon form. Withstands drouth like nothing else. Fully guaranteed. Used by hundreds of clubs. Comes in rolls ready to lay down like a carpet. Nursery grown blue grass sod also sold. Write for prices and samples now.

**ILLINOIS GRASS CO.**

Telephone Homewood (Ill.) 746
16455 Reigel Road (Near Chicago) HOMEWOOD, ILL.

and with the aid and cooperation of progressive greenkeepers, recommended the use of mixed inorganic mercurials for economical control of brown-patch. Since that time there have been a great many changes in the methods and equipment used in the care of golf courses, and it is a tribute to the thoroughness of the original investigations that mixtures recommended have required no modification up to the present time.

However, there have been two or three fundamental changes at work during the past ten years that are now causing a slight modification of the original mixtures. For example, ten years ago there were only a very few power sprayers in use, and they were at best large and expensive pieces of equipment. But today, thanks to the ingenuity of the manufacturers, power sprayers are cheaper, more reliable, and more flexible, and are consequently in much more general use. And power sprayers have been greatly supplemented within the past few years with a variety of barrel churns, hydrolizers, etc.,

Furthermore, ten years ago there were a large number of men who through their early training had the knack of broadcasting sand, fertilizer, or seed by hand, and could distribute a brown-patch remedy evenly and completely without difficulty.

**BE SURE YOU GET LEWIS WASHERS for YOUR Course**

—because Lewis Washers are built for years of hard use, and dependable perfect service. See your greens committee Chairman about Lewis Washers for your course. (In color, only 25 cents additional.)

Lewis Washers lots of 1 to 10 (White) $8.00
In lots of 11 to 20 (White) $5.50
Complete tee ensemble: (White) washer, tee stake, towel, waste container, tee data plate, towel and ring $10.50.

**LEWIS WASHERS**

G. B. Lewis Company
Dept. 60-736, Watertown, Wis.

**SPRINKLERS**

The Lark $15.00
Old Faithful $14.00
Double Rotary $12.50
Buckner No. 6 $16.00

**HOSE - SPRAYERS**

Immediate delivery from complete stocks

J. OLIVER JOHNSON, Inc.
World's Largest Golf Supply House
940 W. Huron St. Chicago

These men, now greenkeepers, have turned over the job to younger men who have been brought up in the age of tractors and seeders, and who have not learned the art of broadcasting by hand. Of course, there are still many men who have been taught to broadcast by hand, and there will always be some, but the number is declining yearly.

These two factors have increased the popularity of applying brown-patch remedies in liquid form through power sprayers. And consequently there is growing need for inorganic brown-patch remedies better adapted to liquid application.

Inorganic brown-patch chemicals easily used in dry applications in the form of a dry white powder, are not so well adapted to liquid applications because of their insolubility and corrosive action.

Mallinckrodt Chemical Works, St. Louis, to meet this problem and after considerable research work, have developed Suspension Calo-Clor which they are placing on the market this year.

Suspension Calo-Clor is a balanced mixture of inorganic mercurials, prepared in accordance with recommendations of the USGA Green Section, but contains a suspension agent that thoroughly wets and floats the insoluble mercury compounds. This makes possible more even distribution.

**DIAMOND STEEL CENTER TRACTOR SPADE**

Core of extra hard steel runs through center of spud. Softer outside steel wears first—keeping spud sharp until completely worn away. Will outlast ordinary spuds. Good for the turf. Write for details.

**DIAMOND CALK HORSESHOE**

4702 Grand Ave., Duluth, Minn.
To Meet Every Need

Read the 62 advertisements in this issue. You should find just about everything you need for the most efficient operation of your course, your pro-shop, or your clubhouse. And you can depend upon the advertisers too—all reliable sources of supply. If you can’t find what you need, refer to the list below. Draw a line through items on which you want complete information and prices. Mail to GOLFDOM, 14 E. Jackson Blvd., Chicago. It will bring you the information you need in making your purchases.

FOR THE GOLF COURSE

Arsenate of lead
Bag racks for tees
Ball washers
Bent grass stolons
Bookkeeping systems
Brown-patch preventives
Charcoal (soil conditioner)
Clamps, for pipe leaks
Compost distributors
Compost sterilizers
Containers, waste
Diesel engines
Drinking fountains
Dum carts
Fencing
Fertilizers
Fertilizer distributors
Hole cutters
Hole rims (putting cups)
Hole rims (sand green)
Hose, water
Humus (soil conditioner)
Hydraulic mixers (fertilizer)
Insecticides
Lightning arresters
Lime, hydrated
Limestone, pulverized
Mole and gopher traps
Mole and gopher poisons
Mowers
• putting green • tee
• fairway • rough
Mower blades
Mower sharpening machines
Peat moss (soil conditioner)
Pipe
• perforated for drainage
• water
Playground equipment
Pumps (state capacity)
• Putting paths (sand green)
Putting cups
Rollators
• fairway
• green
• spiked
Sand green equipment
Scythes (motor driven)
Seed
• fairway
• green
• rough
Seeders
Shelters (golf course)
Skeet layouts
Sod cutters
Soil screeners
Soil shredders
Soil texters
Sprayers
• barrel pump
• power engine
Spike discs
Sprinklers
• greens
• fairway
Swimming pool information
Tee markers
Tractors
Tractor tires,
• low pressure
• pneumatic
Tractor wheel spuds
Water systems
• for greens
• for fairways
Water system engineer
Weed burners
Weed killers
Worm eradicators

FOR THE PRO SHOP

Bags
• canvas
• leather
Balls
• .35
• .50
• .75
Ball marking machines
Belts
Bookkeeping systems
Buffing motors
• A.C.
• D.C.
Caddie badges
Caddie uniforms
Carts for golf shoes
Caps
Clubs
• Brassies
• Drivers
• Irons
• Matched sets
• Putters
• Spoons
• Women's
Club racks for pro shop
Gloves
Grip dressing
Grip wax
Handicap
• racks
• cards
Hats, duck with visor
Leather jackets
Leather preservative
Movie cameras, projectors
Practice clubs
Practice driving devices
Prizes
• cups
• trophies
Rain jackets
Scoring cards
Shafts
• hickory
• steel
Shoes
• shoe spikes
• shoe trees
Sockets
Swawers
Sweat shirts
Tees
• wood
• celluloid
Trap-shooting
• traps
• shells
• targets
Underwear

FOR THE CLUBHOUSE

Ales
Bar equipment
Bath slippers
• paper
• wood
Bars
• fixed
• portable
Bath towels
Beer
• bottle
• draught
Beer cooling equipment
Cash registers
Cheese
Deodorants
Disinfectants
Kitchen equipment
Laundry equipment
Liquors
• gin
• whiskey
• wine
• mixers
Linens
Lockers
Mineral water
Refrigerators
Rugs—runners for aisles
Showers
Soda fountains
Water coolers
Water softeners

Club

By .................................................. Club Position ........................................

Address .................................................................................................................................

Town ................................................................................................................................. State .................................. Date ...................................

• IMPORTANT—FILL OUT FORM ON REVERSE OF THIS PAGE •
LET US KNOW
...what you’re doing

For our readers to get the utmost good from this magazine, we must have at all times an accurate up-to-date list of each golf club’s officials. And we need your cooperation in keeping our list in such condition.

If you get good from these pages, so will your club officials not on our mailing list. Perhaps we haven’t been notified by your club of its latest election or recent appointments. Right now—do your club a favor by tearing out this page and mailing it, filled in, to GOLFDOM, 14 E. Jackson Blvd., Chicago.

Please PRINT plainly. Home or business addresses preferred.

President
Address

Green-chairman
Address

Manager
Address

Professional
Address

Greenkeeper
Address

Club
Town
State
Number of Holes
Is Course Private, Daily Fee or Municipal?

Please give us this additional information for our records:

Swimming Pool? How Many Tennis Courts? Trapshooting or Skeet?
of the chemical, and by taking all of the chemical out of the sprayer, reduces the possibility of corrosion. Because of its added effectiveness, 3 oz. per 1,000 sq ft. of Suspension Calo-Clor have been found to give control, the makers claim.

Mallinckrodt have also developed Suspension Calogreen for liquid applications in the control of small brown-patch, but are still manufacturing and recommending regular Calo-Clor for dry application in the control of both large and small brown-patch.

Joe Louis, colored heavyweight fighter, has gone in for golf with a set of McGregor's Silver Scot clubs; just to keep the color scheme in harmony. Joe went for 18 irons, four woods, head covers, an eight inch bag and a dozen balls as his initial order. He whips the ball a mile off the tee but his infighting at golf is tres lOUSay. What he needs along with his Silver Scot clubs is The Armour to act in the Blackburn capacity on golf.

F. H. Woodruff & Sons, Milford, Conn., grass seed division, has issued an interesting and helpful compilation of turf experiments at its Milford experimental station and supplemented by tests on Long Island and at other places in New York state. A copy of this material will be sent free to interested greenkeepers who write Woodruff, giving the names of their clubs.

Vinnie Richards, Craig Wood and the rest of the Dunlop ball fellows are telling the populace that Hector Thomson, winner of the British amateur championship, played with the new improved Dunlop. Thomson is son of a Glasgow pro and the first Scot in 10 years to win the British amateur. He is no kin of Jimmy Thomson. Jimmy's folks are on the other side of Scotia.

Alf Padgham, heaviest money winner of the current British tournament season, also plays Dunlop balls.

Sudbury portable soil testing laboratory, enabling the greenkeeper to have up-to-the-minute information on the requirements of his soil at all times, has been widely adopted by greenkeepers throughout the East and its use is now spreading rapidly to other sections, according to word from the makers.

This portable laboratory is designed to test for acidity, nitrogen, phosphorus and potash, thus permitting the greenkeeper to buy fertilizer in strict accordance with the needs of his soil. Readings can be obtained immediately in the field, and the cost of each test is so slight that frequent tests can be made throughout the season.

Complete with instructions and enough material for 200 individual tests, the cost of the Sudbury outfit is $18.50—at Stumpp & Walter Co., New York; Emerson Seed Co., Boston, or postpaid, direct from the manufacturer, Sudbury Soil Testing Laboratory, Box D, South Sudbury, Mass.
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M. Kallis & Co., Printers, Chicago
-and your players Know it!

—know that with its VULCANIZED cover, any PGA ball will take the huskiest beating a duffer can give it and emerge with cover unscathed.

—know that the interior construction of PGA balls has been carefully planned to give m-a-x-i-m-u-m distance for every type of golfer—from the rank beginner to the pro himself.

—know that PGA balls are accurately balanced—that they will fly true and putt true—because they are built to the rigid specifications of the Association.

And 1,500
P.G.A. Pros know—

—that energetic pushing of PGA ball sales means more satisfied golfers and more sales for the pro. PGA balls may be sold ONLY by P. G. A. members.

THE
PROFESSIONAL
GOLFERS
ASSOCIATION
OF AMERICA