conveniently afforded being the only reference permitted to the proposition unless by the express permission of the pro and caddie-master.

PENFOLD MID-SEASON SALE STIRS PROS

New York City.—One of the most speedily completed national golf ball sales in recent years was conducted by Penfold Golf Balls, Inc., 67 W. 44th St. early in June.

To pros only were offered 250 dozen Penfold LLs of latest 1933 manufacture and 1,000 dozen Stockbridges, the 85c retail ball Penfold has discontinued. Minimum orders of 6 dozen and maximum orders of

3 gross were accepted.

Milton Heyman, general manager of Penfold's American interests, said the pros grabbed these balls so swiftly that the company was embarrassed by having to tell the late-comers that the stocks were exhausted.

CHAPIN, PRO, TEACHES PUTTING WITH MACHINE

St. Paul, Minn.—Orville Chapin, pro at Midland Hills C. C., 1557 N. Cleveland Ave., St. Paul, and prominent in PGA affairs, has had interesting and successful



experience in teaching putting with a device invented by one of his pupils, Wm. E. Eisenberg. The Eisenberg device is called the Putt-Rite and consists of two grooved tracks on which run four rubber-tired wheels to which the putter blade is fixed.

your club by purchasing acclimated, winter-hardy

BENT GRASS SEED

Direct from the farms where it is grown. A. N. PECKHAM, Kingston, R. I.

15 Years' Satisfactory Service Also Fairway Mixtures

SPRINKLES 100 foot CIRCLE



- Spreads water evenly at any pressure.
- Speed of rotation controlled easily by thumb-screw on nozzle.
- Used in England, Ireland, Scotland, Australia, Canada, and all over the U.S.

L. R. NELSON MFG. CO. PEORIA. ILLINOIS 1725 S. WASHINGTON



The Test Will Pay You Well This newer idea of supplying a combination Putting Green Fungicide and Vermicide should interest every Greenkeeper and Club Manger who wants to save.

The dependability of FUNGOL for prevention and control of Large and Small Brown Patch is shown by the annual increase in its favor by Clubs everywhere.

The performance record of FUNGOL in past years on hundreds of Golf Courses has established this product the most advantageous one for Brown Patch and eradication of earthworms, cutworms, sod webworms, grubs, etc.

Your Fungicide dollars will go farther by using FUNGOL because of its very large covering capacity. Each pound treats not less than 3,500 square feet of Green.

Send for complete details, application schedules and free testing samples of FUNGOL and VEG-E-TONIC.

MCCLAIN BROTHERS COMPANY

127 Second Street, Canton, Ohio

VEG-E-TONIC



"TONAGREN Eliminated Brown Patch and Clover"

That's what the Oklahoma City Golf and Country Club said after using TONAGREN on their greens. Dozens of other golf clubs report similar success with this scientific product.

To prove to you that TONAGREN will stop brown patch and eliminate clover on your greens we now make this special—

TRIAL OFFER

Send \$1 for a trial package of TONAGREN—enough to treat 1,500 square feet two times. If after the second treatment, TONAGREN has not secured the results you expect, your dollar will be refunded. Take advantage of this trial offer today.

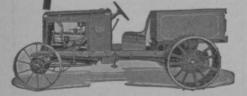
P. & M. TONAGREN COMPANY 6324 Brooklyn Kansas City, Mo.

\$495 UPWARD A remarkably efficient and dependable golf course tractor at a remarkably low price. Answers every demand for golf course work.

STAUDE GENERAL TRACTOR

Powerful! Speedy! Light weight! Manufactured since 1916 and sold on a money-back guarantee. Buy from local Ford dealers or write direct to us.

E. G. Staude Mak-A-Tractor Co. 2696 University Ave., St. Paul, Minn.



Either a blade or aluminum putter may be used.

The arc of the tracks is one that has been determined after extensive study of the methods of the pros and amateurs who are most dependable putters.

Much interest is aroused by the device when placed on practice putting greens and Chapin says that as a member-service to build pro good-will and business the Putt-Rite has worked out fine. It has helped him greatly in instruction as well as improved his own putting.

Arrangements have been made to manufacture the device and a retail price of \$10 has been put on it. There is a nice margin in it for the pro. To get the golfing public acquainted with the Putt-Rite, Chapin and Eisenberg have made a price on the initial order to any pro that barely covers cost of manufacturing. Chapin will be glad to send complete details of the Putt-Rite to any pro who writes to him.

THORP AND FLOYD, SPALDING MEN, DIE SUDDENLY

New York City.—Ed. Thorp, noted football authority and official who for a number of years was the A. G. Spalding & Bros. staff man in charge of that company's football activities died after a brief illness June 23. June 26 the company again suffered a sad loss in its official family by the sudden death of Percy H. Floyd, one of its directors and president of the A. J. Reach, Wright & Ditson Co.

They were two grand men and their passing is a personal loss to many hundreds in the field of sport.

Thorp was with Spalding's more than 20 years. Prior to the Spalding connection he was with Alex Taylor & Co. of New York. He was stricken while preparing to play golf and although apparently the picture of health and vigor prior to being afflicted, survived for only 14 days.

For 36 years Percy Floyd was in the sports business, 30 of which were in the Spalding service. He started in the business in 1898 as sales manager of the Victor Sporting Goods Co. and went with Spaldings when Victor became affiliated with the Spalding organization. When the consolidation with A. J. Reach, Wright and Ditson was effected Floyd was made president of the Reach division and a director in Spaldings.

In the company bulletin on Mr. Floyd's death, Julian Curtiss paid the following tribute to a well-beloved fellow:

"He was the warm friend and thoughtful advisor of every man in the organiza-

tion. No one could come in contact with his vibrant, lovable personality without being under its spell.

"He was a most important figure in the sporting goods industry. Every competitor had absolute confidence in him. word once given was never doubted. all our meetings his joyous spirit lightened its problems. No member of the Manufacturers' association was more beloved.

W. F. CARTER, EQUIPMENT MAN, DIES IN NEW YORK

W. F. ("Bill") Carter of Arthur D. Peterson's force at New York died suddenly in New York, June 1, of appendicitis. Bill worked Friday morning and at 4 that afternoon was subjected to an emergency operation, but it was too late. He is survived by a wife and daughter, age 12. He was 35 years old and was a native of New Rochelle.

Carter was a very popular fellow of long experience in the equipment and seed business and is said to have known everyone in the golf course maintenance field in Westchester. He was a grand, big man and knew his business. His circle of acquaintances in golf was very wide as he had been active at all of the greenkeepers' national conventions.

GRAHAM NOW REPRESENTS THOMPSON COURSE EQUIPMENT

York City.-O. E. Thompson & Sons, Ypsilanti, Mich., manufacturers of Thompson lawn and golf course equipment, spreaders, seeders, distributors, sweepers, etc., have arranged to market their product through John H Graham & Co., Inc., 113 Chambers St., New York, manufacturers' representatives, who will handle this favorably known line in connection with the other equipment they are offering to the golf supply trade.

The Graham organization is well known to the trade as representatives for Wilder Strong Co., makers of Spike Disc lawn and green cultivators and Dunham lawn rollers.

FEATURE WRITERS HELP SELL GRIP-RITE SHOE SPIKES

Hartford, Conn.-The North and Pfeiffer Mfg. Co., makers of Grip Rite removable Shu-Spikes for golf shoes have some interesting publicity material available for pro use in pushing Shu-Spike sales. Joe Glass. golf newspaper syndicate writer who keeps the pro season medal score standings, has written some instruction features showing the benefits of properly spiked shoes. John

LEWIS

GOLF BALL WASHER ("Standard thruout the World")

As mecessary as the "tee itself" Lewis Washers are durable, economical and priced for even the smallest club. See your golf equipment dealer now.

Lewis Washers in lots of 1 to 10\$6.00 -in lots of 11 to 20. \$5.50 Complete tee ensemble — washer, tee stake, towel, waste container, tee data plate\$10.50 plate\$10.50 Lewis Bag Rack and other equipment.

G. B. LEWIS COMPANY Dept. GD 734 Watertown, Wis.



Showing Portion Tee Ensemble

The Last Word in Sprinkler Efficiency

RAIN KING Medel E

At any given pressure, will throw more water, throw it farther and spread it evener throughout the entire circle wat-ered than any other sprinkler we know of. Insprinkler we know of. Instantly set to turn at speed that is hardly perceptible or at any faster speed desired. Sturdily built, and will last and perform well for many a year. Available as shown and also with quick connection to snap into valve installed for the usual Fairway watering.

Economical Watering of Fairways

WRITE FOR

BULLETIN

The Most Practical and Economical Quick-Coupling Valve is RAIN KING



Offers less resistance to water pressurehas less frictional surface to cut down pressure than any other valve. Un-Fool-proof.

hose or on valves

Made and Guaranteed by Chicago Flexible Shaft Co. 5515 Roosevelt Road, Chicago, U.S.A. 44 Years Making Quality Products

hore matically.

OLD ORCHARD BENT GRASS NURSERY

Largest Commercial Creeping Bent Nursery in the U.S.

OLD ORCHARD BENT



Hardy-Upstanding-Economical Care Also Six Acres Washington Metropolitan

MADISON, WIS. P. O. BOX 350

Grass Seed of "Known Quality"

"1934 Golf Turf Supplement," containing information on turf maintenance, as well as a complete list of Golf Requisites, Fertilizers, Insecticides, Sprinkling and Irrigation Equipment, free on request.

132-138 Church Street (Cor. Warren St.), New York

Cut your costs on PATCH CONTROL BROWN

without damage to turf

COMPARE THESE PRICES 25-lb. pail...\$ 37.50

CUREX is safe-an organic mercury compound that does not burn! Contains 20% mercury — substantially higher than other organics. Best pos-100-lb. drum \$145.00 sible control at low cost.

> W-B CHEMICAL CO., INC. 521 Fifth Ave., New York, N. Y.

CUREX



BENT GRASS

BOTH SOD AND STOLONS

Vigorous, healthy stock that develops fine, true putting surfaces. Write for full infortrue putting surfaces. mation.

HIRAM F. GODWIN

Box A, Redford Sta., Detroit, Mich.

Box 51, Wayne, Penna. Hix, author and writer of the "Strange As It May Seem" daily newspaper feature, has prepared for North and Pfeiffer a series of illustrations on "Oddities in Golf."

Pros interested in making use of this material may secure complete information by writing to North and Pfeiffer.

JOHNSON TO SELL CUREX

Chicago.-J. Oliver Johnson, Inc., Chicago, has been appointed exclusive distributor by W-B Chemical Company of New York for their "Curex" turf disinfectant. Johnson's territory on "Curex" covers southern Wisconsin, Illinois, northern Indiana and Michigan.

GOLF REGISTER PRACTICE DEVICE NOW ON SALE

Pittsfield, Mass.-The Golf Register, a practice device developed by engineers of the General Electric Co., now is being marketed direct from the company's offices in the Chamber of Commerce Bldg. here and through leading golf equipment houses.

For more than a year the device has been subjected to tests by prominent pros



and amateurs and has been pronounced a practical and helpful contrivance.

The Golf Register consists of a ball anchored to a strap that follows down an aluminum channel when the ball is struck. If the ball is pulled or pushed the channel moves to the left or right on a cross bar at the far end. The ball has an outside section which rotates around a cylindrical center section, and which indicates hook or slice. If the club comes in across the ball in a manner to produce a slice, it is so registered by arrow markers on the inside and outside sections of the ball. A hook is registered when the clubhead pushes outward across the face of the ball.

Retail price of the Golf Register is \$10. A good pro margin is in the device.

WHAT DO YOU NEED?

FIRST look through the advertisements in this issue! They tell about equipment and supplies to improve your operating practices, increase club patronage and income—all are reliable sources of supply-all anxious to serve you. If you can't find what you need, refer to the list of items below. Check the items on which you want complete information and prices. Mail to GOLFDOM, 14 East Jackson Blyd., Chicago. It will bring you facts and figures you need in making your purchases. (Please draw lines through items interested in).

ant eradicators arsenate of lead Bag racks for tees. Sall washers Sent grass stelens Sird houses Brown-patch preventives Charcoal (soil conditioner) Chickweed eradicators Compost distributors Compost mixing machines Crinking fountains Compost making machines Compost mixing machines Composition	Sprayers	Practice balls for driving ranges Fractice driving devices Fractice nets Frizes Cups trophies Rain jackets Score cards Shafts hickory steel Shoes Shoe spikes Shoe trees Sockettes Sweaters
encing ertilizers certilizer distributors lags, flag poles lood lights	Water systems for greens for fairways Water system engineer Weed killers Worm eradicators	Sweat shirts Tags for bags Teq
for putting greens for driving range for parking spaces	Worm eradicators	FOR THE CLUB HOUSE
Tolo outtons	FOR THE PRO SHOP	Ales Bar equipment Bath slippers
tole cutters (ose boxes (underground) (unus (soil conditioner) (ydraulic mixers nsecticides (ole—Gopher traps (ole—Gopher poisons (ower sharpening machines eat moss (soil conditioner) ipe perforated for drainage water (ayground equipment umps (state capacity) utting cups ollers fairway green spiked oythes (motor driven) eed fairway green rough eeders helters (golf course) od cutters oll shredders	Archery golf supplies Bags canvas leather Balls .85 .85 .50 .65 .75 1.00 Ball marking machines Belts Bookkesping system Buffing motors A.C. D.C. Caddie badges Calks for golf shoes Caps Clubs Brassles Drivers Irons Matched sets Putters Spoons Weighted practice Women's Club racks for pre shop Garters Gleves Grip dressing Grip Wax Handicap racks cards Leather jackets Motion picture cameras Motion picture prejecters	Bath sippers paper wood Bars fixed portable bath towels beer bottle keg Beer cooling equipment Cash registers Cheese Deodorants Disinfectants Ginger ale Health scales Kitchen equipment Laundry equipment Laundry equipment liquors gin whiskey wine mixers mixers Linens Lockers Mineral waters Refrigerators Rugs - runners for alsles Showers Soda fountains Tomato juice Water coolers Water coolers
Jub	, Club Po	osition
• IMPORTANT — F	ILL OUT FORM ON REVERS	

"NO OFFICIAL

. . . with grounds, clubhouse or pro-shop duties should be without GOLFDOM every month." So, in substance, read scores of letters in our files. And we thoroughly agree! GOLFDOM is sent FREE! If any of the officials listed below are not getting GOLFDOM at your club, please send us their names by filling in this page, tearing it out and mailing to GOLFDOM, 14 East Jackson Blvd., Chicago.

This is especially important if YOUR club has recently held an election. We want the new officials to begin receiving GOLFDOM immediately!

Please PRINT plainly. Home or business addresses preferred.

President Greenkeeper TOWN..... STATE..... NUMBER OF HOLES..... IS COURSE PRIVATE, DAILY FEE or MUNICIPAL?....

CLASSIFIED ADS

Greenkeeper and construction superintendent—have worked under all leading architects. Been with present club 7 years; looking for new position because present club has gone into bankruptcy. Willing to work anywhere. Address: Ad 2803, % Golfdom, Chicago.

FOR SALE—18 hole course, 7 years old, beautiful 2 story clubhouse; 160 acre tract. Clubhouse has all conveniences of highest class private club; also is paying night club. 10 miles from Louisville, Ky.: 6 smaller cities within ten mile radius. Will sell at sacrifice on convenient terms. Write for folder, and all details. Address: Wm. Moore, % Jeffersonville C. C., Prather, Ind.

FOR SALE—18 Hole Golf Course, Sporty, Beautiful, Well Equipped Club House, Machinery. In Wisconsin, near Bay, in Resort District. Real buy and investment. For particulars, Address: Ad 2801, % Golfdom, Chi-

REPRESENTATIVES to sell golf Colo as a side line. In reply describe your territory and give references. Colo provides a natural grip and checks perspiration. The Colo Mfg. Co., Oak Harbor, Ohio.

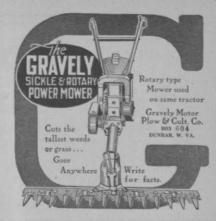
VETERAN PROFESSIONAL, greenkeeper and architect wants position. Highest references and long and satisfactory record with clubs in this country. His pupils are champions. Wife can take charge of clubhouse. Prefers permanent position with small club. Reason for change is financial plight of present club. Address: Ad 2802, % Golfdom, Chicago.

PRO-MANAGER wants change. Will go anywhere. Prefer year round proposition but will go south for winter. Best references. Member P. G. A. Salary reasonable. Address: Ad 2800, % Golfdom, Chicago.

Lawn Day at Massachusetts State College July 24

A NNUAL LAWN day at Massachusetts State College, Amherst, is to be held July 24 this year. The event is of statewide interest and has been a good thing for greenkeepers, not alone because of subjects handled that concern golf turf but because of the build-up it gives greenkeepers as turf experts.

On the program are A. M. Davis, Prof. L. S. Dickinson, Prof. J. W. White and Robert Pryde. The state establishment's turf plots will be inspected.







ILLINOIS GRASS CO.

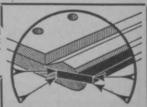
'Phone Homewood 746 18455 Reigel Road, HOMEWOOD, ILL.

SPEAKING of OPERATIONS

—here's a four-edged blade that cuts twice at the same time—grass and budgets! If your own budget isn't insisting on it—transpose the first three letters—and then you have "GET BUD(D)." Convincing? Yes! but wait till you see the Budd at work!

BUDD MFG. CO., Dept. G, Ravenna, Ohio

BUDD · **BED** · **BLADES**



JULY 1934



PUBLICATION OFFICES: 14 E. JACKSON BLVD., CHICAGO, ILL. Tel.: HARRISON 5942

Editor HERB GRAFFIS

Adv. Mgr.

VOLUME 8

NO. 7

Eastern Rep., ALBRO GAYLOR 20 Vesey St., New York City Tel.: CORtlandt 7-4031

Central Rep., RAWLINS & HUNT Palmelive Bidg., Chicago Tel.: WHItehall 6258

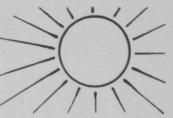
Western Rep.: HALLETT E. COLE CO., 218 Haas Bldg., Los Angeles, Calif., Tel.: Tucker 6428, and 577 Monadnock Bldg., San Francisco, Calif., Tel. Sutter 5033

EDITORIAL CONTENTS

Pro Has Style Show for Women Golfers, by Carl Horn 7
Ask Fee Owners About National Organization 9
Fertilizer Five-Year Tests of USGA, by John Monteith, Jr. and Kenneth
Welton 12
Country's Oldest Golf Course Equipment? 15
Need Full Facts to Hasten Equipment Adoption, by Herb Graffis 17
Red Run Installs Model Modern Bar 20
Managers Find Liquor Sales Running Smoothly 22
Picked Up in the Rough, by Herb Graffis 28
Iowa Greenkeepers Hold Big June Meeting 34
Pros Warn Comrades of Unknown Cheap Ball Deals 37

ADVERTISERS' INDEX		
Allerton Hotel 2 American Uniform Co 36 Anheuser Busch, Inc 21	National Mower Co	
Bayer-Semesan Co., Inc. 3 Brewing Corporation of America Second Cover Buckner Mfg. Co. 2 Budd Mfg. Co., The 47 Burke Golf Co 35 Chicago Flexible Shaft Co 43 Des Moines Glove & Mfg. Co 36 Diamond Calk Horseshoe Co 47 Dolge Co., The C. B 2 Dunlop Tire & Rubber Co 29 Godwin, Hiram F 44 Goodyear Tire & Rubber Co 19 Gravely Motor Plow & Cult. Co 47	Old Orchard Creeping Bent Nurseries. 43 Peckham, A. N	
Horton Mfg. Co	Thompson & Sons, O. E	
Mallinckrodt Chemical Works	Walker & Sons, Inc., Hiram	

DROUTH WARNING



In most sections drouth has already caused so much damage that no matter how much rain fairways may get between now and fall the tender grass plants that have not been killed outright will face winter's ravages in a weakened condition. Water alone cannot now restore your turf. At best, an abundance of fall rains without adequate fertilization, will only result in the spread of clover. Your only hope of building up your fairways for next year lies in a fall fertilizing program.

Prepare now to Milorganize your fairways early this fall. Milorganite will restore vitality

to damaged root systems, help the spread of desirable grasses this fall and what is not consumed in the fall lies dormant during the winter to give the grass plants an early start next spring.

THE SEWERAGE COMMISSION, Milwaukee, Wis.

GOLF CLUBS USE MORE

MILORGANITE

THAN ANY OTHER FERTILIZER



Beat BROWN PATCH to the punch!

The surest, and safest way to keep Brown Patch from knocking your greens out is to "beat it to the punch" with these proven preventatives:

Semesan—25-lb. pail \$46.25	Calomel—25-lb. drum \$33.00
Nu-Green—25-lb. pail 30.00	Corrosive Sublimate—25-lb.
Calo-Clor—25-lb. pail 40.00	drum 22.25

PRYETHRUM SPRAYS FOR SOD WEB WORM

New Ever-Green—5 gal. \$42.50 Red Arrow—1 gal. \$15.00

SPRINKLERS . . . HOSE

WORTHINGTON EQUIPMENT OVERGREEN - FAIRWAY MOWERS - LAWN TRACTORS

Immediate Delivery from Complete Stocks

J. OLIVER JOHNSON INC.

World's Largest Golf Course Equipment House

940-960 W. Huron St., Chicago, III. Phone Monroe 6580