

# **GOLFDOM** *leads them all!* in quick buying action for its advertisers!

*Look what GOLFDOM advertisers say:*

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"... the response to our ad in the September and October issues of GOLFDOM has been excellent. We have received inquiries from Pros and Clubs in 20 states and are anticipating a sizable order from Australia as well!" **H Coster, H. Coster Electric Car Sales & Service, Indianapolis 40, Indiana.**

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"... our ads in GOLFDOM have been pulling so well we have had to work evenings to keep up with orders coming in ... GOLFDOM is not only well read but is getting in the hands of the men who do the buying for the clubs and that's what really counts for us ... will continue to place ads in GOLFDOM as it is the best means of getting to the buyers of golf products." **C. J. Williams, The Trophy & Medal Shop, Chicago, Ill.**

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"The promptness with which you published the ad, the speed with which you forwarded the replies, the consideration you have shown and the unexpectedly voluminous replies have been responsible for the hiring of our new Pro-Manager a matter of weeks in advance of our most optimistic expectations!" **J. O. Ashworth, Park & Rec. Supt., Bryan, Texas.**

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"The advertising schedule our firm has maintained in GOLFDOM the past year has been very gratifying from a standpoint of direct selling results. The percentage of our coupon replies emanating from the GOLFDOM ads has exceeded our fondest expectations." **Ball-O-Matic Inc., Denver, Colorado.**

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"Your publication is doing a fine job for us. Thanks for a well written, well edited and well received magazine." **J. V. Wilson, Wilson & Associates, Austin, Texas.**

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## **GOLFDOM** *is FIRST-*

**1st** . . in buyer-operator coverage . . in volume and importance of editorial guidance for buyers and operators . . in advertising placed by club officials and operating heads . . in advertising of manufacturers, jobbers and dealers.

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• **GOLFDOM** — The Business Magazine of Golf •



**WHY... When the Penn-Chem Division of Doggett Fisons Co. Can fill all your needs?**

Every day more and more Golf Course Superintendents, and Distributors are discovering that this one line, from a most reliable resource, fills all their needs. Why not join them?

**FUNGICIDES**

TURF TOX — 75% Thiram  
 TURF TOX — MC Mercury — Thiram  
 DaP CAL — Mercurous — Mercuric Chloride  
 10% PMA — Phenyl Mercuric Acetate

**HERBICIDES**

DSMA  
 AMA  
 CALAR

**FERTILIZERS**

XL LIQUID — 15-10-5  
 XL TURF SPECIAL  
 28-7-14 (Water Soluble)

**GRASS COLORANT**

TURF TINT

**ANTI TRANSPIRANT**

STOP WILT

**GOLF COURSE SUPERINTENDENTS**

**& DISTRIBUTORS** are invited to visit us  
**OR WRITE**

DIVISION OF  
 **DOGGETT FISONS CO.**  
 Springfield, N. J. • Lansdale, Pa.



Dick Mackey and Jay Colville examine several models they have experimented with in developing a low-resilience ball.

**Miami Men Take Bounce Out of Ball; Leave Click In**

The little-known experiments of two Oxford, Ohio, residents may have produced a new answer to an old prayer of golfers.

In contrast to the usual concern over finding a livelier golf ball, a sluggish copy said to have less bounce to the ounce has been developed by Jay Colville, Miami University's varsity trainer, and Dr. Richard T. Mackey, who manages the university's golf course and supervises golf instruction in the physical education program for men.

Currently being tested by the physical education departments of several other Midwestern universities, the Mac-Col All-Rubber practice golf ball is expected to be on the market by mid-April.

**Duplicates Regulation Ball**

Offered as a "low-resilience" ball which almost precisely duplicates the weight, size and solidity of a regulation golf ball, the Mac-Col has been developed primarily for indoor practice but also has proved useful for outdoor practice in limited space.

"You can whack it against a wall without getting whacked back," Colville ex-



## This pro struggles to break 100

He just plays at golf. He works as an Orangeburg turf irrigation specialist. He knows irrigation—planning, design, installation, and operation. Or if too much water is the problem, he's an expert on the subject of drainage.

Orangeburg manufactures a pipe for all turf services: the new FLINTITE Asbestos Cement line from the world's most modern plant, ideal for large mains; SP Polyethylene Pressure Pipe for tee and green lines, par 3 courses—tough, flexible, guaranteed 20 years;

ABS or PVC Semi-Rigid Plastic Pressure Pipe, light and easy to install for intermediate mains or complete systems; Fibre Under-drain, best for non-pressure drainage (tiling greens, fairway wet spots).

Add Orangeburg's 70-year history of satisfying performance, and you see this pro has plenty going for him. Let him tee off on your problem. Write Dept. G-52.

**ORANGEBURG**<sup>®</sup>  
BRAND PIPE



ORANGEBURG MANUFACTURING CO., ORANGEBURG, N. Y.  
DIVISION OF THE FLINTKOTE COMPANY, MANUFACTURER  
OF AMERICA'S BROADEST LINE OF BUILDING PRODUCTS



## THE ORIGINAL SELF PROPELLED SPIKER



WHY BE SATISFIED WITH LESS THAN THE BEST?

# POWER SPIKE MANUFACTURING CO.

WALTERS, OKLAHOMA

plains. "In the back yard, you spend more time practicing and less time following the ball — it gives you the feel of hitting without the feel of hiking."

### Several Experimental Models

Evolution of the less-bounce Mac-Col goes back to a rag-and-rubber thing. Mackey and Colville made a ball of plain gauze bandage. The first model was covered with adhesive tape. Next, they sought a little more liveliness by substituting a wrapping of elastic bandage, sewn on like a baseball cover. Next they tried dipping the rag ball in Absorbalo, a rubber substance which Colville uses in the training room for making mouthpieces and other custom-built protective or corrective devices for athletes. These served the purpose, in a way, but they still lacked that "real golf ball feel."

They made a plaster cast and experimented with molding balls from Absorbalo. They discovered there were lots of secrets they hadn't solved about achieving smooth surfaces, eliminating bubbles and getting consistency all the way through a casting. About that time an athletic equipment salesman, Ray E. Evans of Chattanooga, asked for a chance to as-

sign the problem to some technicians in his own firm. The result now is a ball which looks and feels like a golf ball but doesn't go anywhere.

### Golf Architecture

*(Continued from page 80)*

ported agencies realize that golf is the one form of recreation that pays its way. I believe that with the success of such projects, created because citizens have voted to support revenue bonds, more and more cities will enter this field.

### It's Spreading, Too

People in our profession find that they are part of the changing socio-economic pattern which is manifesting itself throughout the world. My firm as well as others have had requests from private groups and governmental agencies in the developing nations to design golf courses and other recreational facilities.

Two projects which intrigue me most concern people who are not free. One is my hope to design, without charge, a golf course and recreation center for the prisoners at a large California prison. It has been demonstrated that such a project is one of the best means of rehabilitating

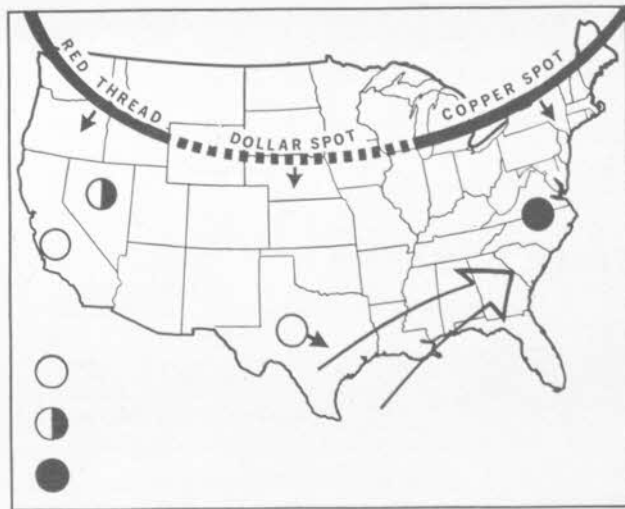
Mallinckrodt®

TURF NEWS

CADMINATE® EDITION

SPRING 1963

# FUNGUS FRONT MOVING IN!



## Cadminate on Guard

Mallinckrodt's Cadminate turf fungicide is ready to withstand onslaughts from dollar spot, copper spot and red thread. Cadminate has proved itself for over ten years in resisting attacks on golf greens (on fairways, too) by these fungus foes.

## 28¢ a Month

A single ½-oz. treatment with Mallinckrodt Cadminate each month gives full protection for 1000 square feet of turf...costs only 28¢.

## Next Few Months to be Mostly Temperate

Warm days, cool nights will be the rule over the next few months—ideal breeding conditions for fungi...unless you use Mallinckrodt Cadminate.

## "SICK" GREENS CURED

Even if your greens are already infected, Mallinckrodt Cadminate stops disease when used two or three times at one-week intervals. Then revert to regular, monthly preventive dosage.

## SAFETY FIRST

With Mallinckrodt Cadminate there's no injury or discoloration...even at many times the recommended strength. Cadminate protects, never harms your greens.

## LESS LABOR

Where you now may be spraying every week or twice a month, you will apply Mallinckrodt Cadminate only once a month. This advantage alone can reduce the cost of your disease prevention program.

MALLINCKRODT CHEMICAL WORKS

Mallinckrodt®

St. Louis • New York • Montreal

# a perfect answer for SCORECARDS

- Size: 11¼" x 10" x 3".
- Machined from heavy gauge steel.
- Self-closing cover on piano hinge.
- Rust-proof enamel finish.
- Tight, weatherproof construction.
- Threaded pipe flange for easy mounting.
- Holds 300 men's, 300 ladies' cards, 2 gross pencils.

This SCORECARD BOX® is a brand new idea in golfing convenience . . . keeps scorecards and plenty of pencils handy right on the tee. Speeds play on busy days because golfers help themselves. Put one of these bright red and yellow reminders on the 1st and 10th tees — and perhaps on the 2nd for "forgetters."

Frees pro and his helpers of scorecard bother . . . a minute to fill, no maintenance . . . Easy to install — screw threaded flange into 2-inch pipe and lock with cotter pin. Originally designed by Harold Seig, pro at the Golden Valley Golf Club, Minneapolis, Minn. Now available to you.

## A AND C SALES COMPANY

5912 West 59th Street

Minneapolis 16, Minn.

DEALER  
INQUIRIES  
INVITED



men and women so that they can rejoin society as good citizens.

### How About Russia

The other course that I am eager to design is in the U. S. S. R. Not long ago our former ambassador to the Soviet Union, Llewelyn Thompson, said that he would return to that post only if there was a course to play. I think the Russians won't go on neglecting golf.

Golf, with its appeal to the aesthetic, the skilled, the person of means and to the person of average income, is our nation's most satisfying sport. It is also a profitable enterprise for those who approach it with the demand that it pay its way. With recreational areas in our nation shrinking, I believe that it is time that those who are interested in keeping the sport alive, work to provide more courses. This requires long-range planning. I'm sure that most of the people in our profession are ready to meet that challenge.

The 1963 schedule of the Chicago District GA which starts May 1 and runs through October includes more than 200 dates.

### 10 Questions on Mowers

(Continued from page 84)

and convenience of his operators of a mower is important. The supt. is primarily concerned with the cutting results on his greens, but the operator, too, receives some consideration.

7. "Speed of mowing and transport?" Getting the job done fast in a minimum amount of time and the resulting economies are of concern. Often times we are asked, "Isn't it more economical to have one or two extra mowers?" This type of thinking shows a thorough understanding of the problems of greens and appreciation, too, of the problems of mowing before the golfers come out to the course.

8. "Where's the differential?" The particular design of the Greensmaster incorporates a fully enclosed gear train and differential drive system. As a result, the unit has no chains and sprockets or bearings which are exposed to undue wear to dirt and foreign material. This shows a certain amount of understanding and some appreciation for compact and sound engineering principles on the part of the



# NOW BUY YOUR BULK PEAT IN SPECIFIED GRADES

**Take your choice of coarse or fine...in any of three levels of acidity...from the processors of famous Bacto Peat...at the lowest cost per yard ever!**

For the first time, you can buy bulk peat, specially treated at time of shipment to meet specific pH requirements of your greens, tees, fairways and other plantings. You can also specify a coarse grade for soil conditioning and mulching, or a fine grade for top dressing. America's foremost processor of horticultural peats now offers you this unprecedented service—and at a new, low price per yard—possibly even less than you have been paying for ordinary ungraded, untreated material.

## NOW AVAILABLE IN BULK—PREPARED PLANTING MIX

Here's the complete, perfect growing medium for your flower beds, shrubs and ornamentals. Developed from a formula researched in a leading state university laboratory, this planting mix is a scientifically prepared formula of organic peat, sand, humus and soils. It's weed-free, ready-to-use.



# SEND THIS COUPON FOR OUR NEW LOW PRICE

**MICHIGAN PEAT, INC.** 67 W. 44th St., New York 36, N. Y.

G-2

Gentlemen: Please send price quotation on bulk peat and planting mix.

OUR REQUIREMENTS ARE:

\_\_\_\_\_yards peat, low pH (Approx. 4.5 to 5.2)

Coarse

Fine

\_\_\_\_\_yards peat, medium pH (Approx. 5.3 to 6.2)

Coarse

Fine

\_\_\_\_\_yards peat, high pH (Approx. 6.3 to 7.0)

Coarse

Fine

\_\_\_\_\_yards Prepared Planting Mix

NAME \_\_\_\_\_

FIRM \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

# America's Finest Golf Car Battery

## THE ELECTROMATIC 195

### ★ MORE DISTANCE

- Longer Life

### ★ MORE DISTANCE

- Heavier Weight

### ★ MORE DISTANCE

- Thicker Plates

### ★ MORE DISTANCE

- Glass Insulation

### ★ MORE DISTANCE

- ¼ Turn Caps

### ★ MORE DISTANCE

- Less Corrosion

### ★ MORE DISTANCE

- Less Water Consumption

### A TRUE 195 AMP HOUR BATTERY CONTAINING MORE LEAD AND ACTIVE MATERIAL!

Designed exclusively for golf car use.  
Greater Distance — longer life.

### NOT A MASS PRODUCTION BATTERY

Manufactured under a slow, controlled process by specialists in the mobile power field. 24 MONTH WARRANTY.

For that EXTRA 5 OR 6 HOLES PER CHARGE

BUY THE BEST - ELECTROMATIC 195.

LIST PRICE \$56.95 EACH; SPECIAL  
WHOLESALE PRICE TO PROS & CLUBS  
\$20.00 EACH.

Same price for automotive terminals or wing nuts.

## H. COSTER ELECTRIC CAR SALES & SERVICE

P. O. BOX 40083, INDIANAPOLIS 40, INDIANA • TELEPHONE: FL 6-6388

Warehouse — Indiana State Fairgrounds

supt. A supt. is not just a manager of men and a purchaser of equipment, but is an equipment and mechanical expert.

9. "What about maintenance requirements?" This question, too, shows a great appreciation and awareness of the mechanical aspects of operating equipment. Supts. are becoming aware that the original purchase price of a piece of equipment is not the criteria of economy. The cost of keeping equipment running, as well as the number of hours of "down time", are important considerations.

10. "What about grass catcher durability?" This shows an even closer analysis of the component parts of a particular mowing machine with an eye toward durability and longevity. The supt. has an increasing appreciation of the abuse and usage which his equipment is exposed to during its life span.

### Rutgers Field Days

The Rutgers University turf field days are scheduled for Aug. 7-8 at the College of Agriculture in New Brunswick, N. J. Ralph E. Engel, professor in turf management, again is in charge of the two-day program.

### Temperament in Fitting

(Continued from page 82)

As for flexibility of shaft and club weight, these things aren't as confusing or complex as many of us make them out to be. In many cases, these factors actually come down to the temperament of the person with whom you are dealing. A strong, muscular person naturally should be considered for a firm, possibly even stiff shaft, with club weight on the heavy side. The slight person, of course, probably should be fitted with a quite flexible shaft and a light to medium weight club.

### Nervous or Deliberate Type?

But don't accept this as the final word. Over the years I have taken a fitting cue from the customer's manner of speech and, to a lesser degree, his actions or apparent temperament. If he is a fast talker and something of a nervous type, he is sure to be a fast swinger. For such a person, I recommend a club with a shaft that is not too whippy and overall weight that is on the heavy side. You have to do something with a person like this to get him slowed down. The same kind of





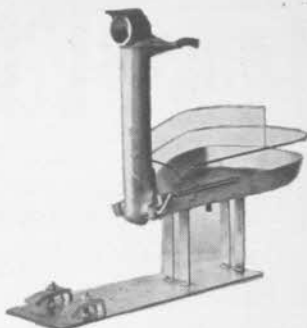
GOLF BALL & BASEBALL PICKERS



RANGE MOWER



QUARTZ LIGHTS



QUEEN TEES



NEW U. S. RANGE BALLS

## *You Buy the BEST— When You Buy From* **WITTEK**

World's largest distributor of the finest and most complete assortment of equipment and supplies for Golf Driving Ranges (indoor and outdoor), Miniature Golf Courses, Par 3 Golf Courses and for Resale. Also — Baseball Pitching Machines and all types of golf and baseball netting.

*Write TODAY for the BIG, new, 1963 Wittek catalog . . .*



DYNA-FOG MACHINE FOR INSECT CONTROL



GOLF RANGE MAT



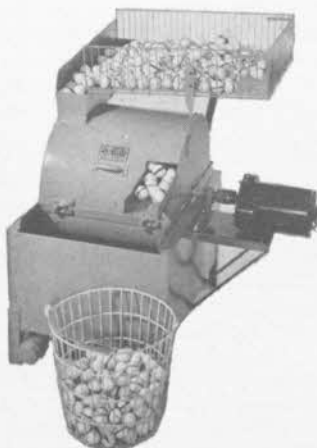
GOLF BALL PAILS

**WITTEK**  
GOLF RANGE SUPPLY CO., Inc.  
5128 W. North Ave. Chicago 39, Ill.

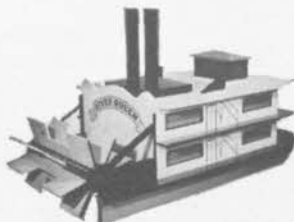
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RUBBER BASE BRUSH MAT



NEW BALL WASHER



WIDE SELECTION OF MINIATURE DEVICES



BASEBALL PITCHING MACHINES & RETRIEVING MACHINES

# Longest "DRIVER" in your golf cars



Trojan Mileage Master Golf Car batteries are of special design for deep cycling and built for rugged service... you get:

1. More months of service
2. More rounds of golf
3. Special "Quick Water" vent caps
4. Service time reduced 75%
5. Lowest maintenance and monthly cost

**TROJAN BUILT THE FIRST GOLF CAR BATTERIES.**

"MILEAGE MASTER" features "QUICK-WATER" quarter turn vent caps

## TROJAN GOLF CAR BATTERIES

TROJAN BATTERY CO., 724 E. 61st, LOS ANGELES 1, CALIFORNIA

reasoning applies to other players. One in the other end of the spectrum, the slow, deliberate type, can be fitted with quick-draw clubs because you can be almost 100 per cent sure that nothing is going to cause him to hurry his swing.

About the only other thing I keep in mind is the player's age. With very few exceptions, persons who hit the 50 or 55 mark should be using lightweight clubs with plenty of flex. Many of them will try to talk you out of this notion, but I try to remain firm. I've seen altogether too many Senior golfers who no longer have the muscle or agility to swing stiff and heavy clubs to change my mind on this.

### Move Ladies PGA P.R. Office

The Ladies PGA public relations office has been moved to Kirkwood, Mo., from Dunedin, Fla. The PO Box number is 3810 and the street address is 538 Wood-ell ct. Nan Ryan continues as director of public relations, according to Leonard F. Wirtz, tournament director.

Classified Ads • P. 173

### Swinging Around Golf

*(Continued from page 24)*

each outfit they've been sold to would be decorated with ads like a Paris street toilet . . . Home pros on the job 10 hours a day through the season are remarking they'd like to get some of the fancy money.

More than 7,000 names on a petition protesting use of the nine hole Roosevelt course in Griffith Park, Los Angeles as site for \$6.6 million World Zoo . . . Roosevelt course in 1962 had more than 104,000 rounds played and netted \$48,000 . . . Winter Haven, Fla., removes its golf course from list of city properties for sale . . . Course will be improved . . . Yucca Valley CC, Palm Desert, Calif., building new clubhouse . . . It costs \$20 to enter the USGA Open . . . Dolton (Ga.) CC to build second nine . . . Quite a few prep schools getting Par 3s.

John Dolan, who has been managing hotels and clubs in Florida since 1950, is the new manager of the Diplomat Presidential CC, Hollywood-by-the-Sea, Fla. . . . 48th Women's Southern Amateur Championship will be played May 6-11 at