Introducing the Suzuki Rover. It helps you patrol, maintain, supervise, inspect, deliver, retrieve, and save money.

It's the all-pro of golf maintenance vehicles.

Because it'll do almost anything you need to maintain any kind of course — municipal or privaté.

And it'll probably do it faster, easier and cheaper than any other golf vehicle. The Rover has two 10" wide high-flotation tires. Instead of the usual hard pneumatic three. So it rides over ground so softly it barely leaves a mark—about the same as a footprint.

Yet those same tires make the

Rover a very tough machine. They take it through any kind of rough: over sand, through brush, over rocks, through water. Even snow (if you have some hardy types who play in winter).

It's fast when you need speed (like when you've got to deliver a message on the back nine). And it's slow when you've got to retrieve.

If you want to patrol at night, there's a big sealed beam headlight.

You can maneuver the Rover as easy as you steer a bicycle. It's

tremendously reliable and stable. It's extremely smooth and effortless to handle and ride. It's very quiet. And it gets about 35 miles on a quarter's worth of gasoline.

Best of all, the Rover will not only save you a lot on maintenance, it'll save a lot on initial price too. Because it only costs \$435.*

It's our below-par price. You can find the Suzuki

dealer nearest you in the yellow pages. Suzuki: built to take on the country.



Remote Flushing Toilets

For more information circle number 280 on card

Flush without pressure water.

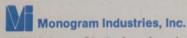
Do not need sewers or septic tanks.

Indoor and outdoor systems.

The Jet-O-Matics. Completely self-contained flushing sanitation systems. Odorless. Non-polluting. A great guest convenience anywhere that's remote — golf courses, ski slopes, campgrounds, etc.

Jet-O-Matics reduce water requirements by 99%, and eliminate the expense of frequent servicing of holding tanks.

Manufactured by Monogram Industries — world's largest manufacturers of self-contained sanitation systems. Used by The National Park Service, Forest Service, Corps. of Engineers, AEC, NASA.



6357 Arizona Circle, Los Angeles, Calif. 90045 (213) 776-6720

Monogram Industries, Inc.
Public Sanitation Systems
6357 Arizona Circle, Los Angeles, Calif. 90045

FREE! 16 page color booklet on all Jet-O-Matics.
Name
Company
Address
City
State
Zip
Phone ()

SOD

FOR GREENS AND TEES

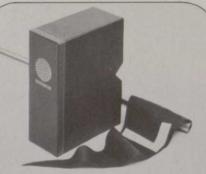
PENNCROSS BENT
AND
TORONTO C-15 BENT
SOD or STOLONS
ALSO
FYLKING & WINDSOR

Quality Growers for 22 years



4301 WEST FLOSSMOOR ROAD TINLEY PARK, ILLINOIS 60477 312-798-2210

For more information circle number 171 on card



COMPLETE... CONVENIENT.. COMPACT.

Now, GOLFDOM makes it possible for you to have an all-in-one-place reference library. These handsome magazine cases will each hold a year's issues. Use them to save space, prevent loss of copies, preserve them, make it easy to locate special articles and enhance your library shelves. A useful, distinctive adjunct for home or office . . . order enough to collect back copies plus those still to come. \$4.25 per case . . . \$12.00 in lots of three.

Universal Publis P.O. Box 591, Fa Please send me	rmingda	ile,	L.I., N.Y	. 1173	
Enclosed is my					

Name _____

Address

City_____State____Zip____

GRAFFIS from page 79

cially and socially the most completely satisfactory first-class golf operation, or else.

Maybe it will be.

Let us pause in silent prayer for a few moments.

If, and when the USGA does put a golf course near the palatial mansion in the countryside, far from the 38th Street shadows, golf business history may be made.

The probability is that the proposed USGA course will be on nearly the most expensive acreage on which a private club ever has been constructed. Or will it be a private club?

I am for the unpaid and earnest Establishment. If I ever saw a case of the Establishment getting a wildcat by a close bite on a painfully short tail, this is it. But why worry? USGA officials in 10 or 14 years will be the ones with all the worries.

Newness of the Butler National course shows what miracles now are expected of superintendents in charge of course construction and maintenance and development of newly-built courses. Names of Fazio's construction superintendent and the superintendent who will be in charge of the Butler National course (if one has been signed) were not given in the WGA release.

Sunset Ridge CC where this year's Western Open is being played is celebrating its 50th year. It was designed by Bill Diddle. Very few alterations have been needed despite fairway watering and improved playing equipment. Dr. A. Mackenzie, who designed with Bob Jones, Augusta National, was engaged to make changes in Sunset Ridge in the 1930s, but the club then didn't have the money to do the work. Domenic Grotti is Sunset Ridge's superintendent; Bob Harris is professional and Clarence Watson is manager, a team the members rate as all-star.

This year's PGA championship at Oakland Hills CC, Birmingham, Mich., August 3 to 6, is sure to have another record-breaking gate. John T. Brennan, the club's general manager, says that the first \$100,000 in tickets were sold by the end of January.





Wherever golf is played ...

The Par Aide spike brush guard rail assembly is designed to provide maximum safety and convenience to the golfer while cleaning spikes. Constructed of 1½" steel tubing. Available in single or double accessory groups.



FOR COMPLETE LINE OF PAR AIDE GREENS AND TEES EQUIPMENT—WRITE FOR CATALOG

PAR AIDE PRODUCTS COMPANY

296 NORTH PASCAL STREET • ST. PAUL, MINNESOTA 55104

HAWAII CUP OFFERS PROS FREE ISLAND HOLIDAY

DALLAS—Country Clubs of America is conducting the Hawaii Cup Invitational Golf Championship—a new competition that provides country club members with a good "excuse" for an exciting golf holiday and offers a free trip to professionals who can get a ninemember team together from their clubs.

According to Ross Teter, executive director of Country Clubs of America and former executive secretary of the Tournament Players Division, Hawaii Cup invitations have been extended to selected country clubs through the United States.

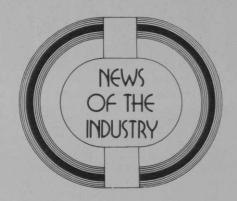
Under the format a club professional who signs up nine members at his club receives an expense-paid trip to Hawaii with his members to compete in the tournament.

"The tournament is sponsored by American, Braniff and Western airlines," Teter says. "Country Clubs of America handles all arrangements, including sightseeing, meals, all accommodations and side trips for wives."

Clubs that accept invitations to compete will be represented by a team of 10 members, one of whom can be the club professional or assistant professional. The first tournament, held April 24, had over 200 participants. All professionals begin play at scratch, and amateur team members are allowed their full handicaps. Each tournament matches 10 teams on three of Hawaii's outstanding courses: Royal Kaanapali, Keauhou-Kona and Makaha.

Country Clubs of America is a non-profit association. In addition to Teter, the executive committee is composed of Joe Black, former PGA tournament supervisor and Patrick D. Williams, former PGA director of education.

"The organization was formed for the purpose of enabling golf professionals to offer a better golf program to their club members. For many years the PGA has been conducting a fine tournament program for professionals," Teter says, "and those organizing this association decided that it was time to do the same thing for the



club members and their home professionals."

"We hope to someday become to club golfers what the PGA and USGA have become to professional and amateurs who play par golf," Teter says. "The success of the Hawaii Cup will enable us to finalize our plans for tournaments in Europe, Mexico and other areas. For more information on the Hawaii Cup contact Country Clubs of America, 2877 LBJ Freeway, Suite 116, Dallas, Tex. 75234.



NEW RAM FACILITY DEBUTS

MELROSE PARK, ILL.—Ram Golf Corp. has opened a new warehouse, which is located at 320 International Parkway, Arlington, Tex. 76010. It is the company's sixth warehouse in the United States and will service the states of New Mexico, Oklahoma and Texas.

NATIONAL GOLF DAY

National Golf Day, which has raised over \$2 million since its inception, will be held May 30 at Canterbury GC in Cleveland. Jack Nicklaus and Lee Trevino, and Kathy Whitworth and Joanne Carner will play 18-hole matches. Last year over 175,000 golfers paid \$1 to "Beat the Pros." Golfers who compete this year will receive a bagtag with a picture of the four players.

Winners (those with scores lower, including handicap) will receive a specially-colored tag to show that they have emerged victorious. Golf-

ers must play against the professionals during a two-week period before or after May 30. This year, par-three layouts will be eligible for recording your score.

The money raised from National Golf Day is dispersed among 27 different associations for their caddie scholarship programs. For more information contact Larry Null, Professional Golfers' Assn., Palm Beach Gardens, Fla. 33403.

EPA HALTS PESTICIDE SHIPMENTS

washington, D. C.—The Environmental Protection Agency has banned the immediate inter-state shipment of 19 pesticides registered for predator control. It has also begun a recall of existing stocks.

Included in the ban was thallium sulfate, a rodent poison, and products containing cyanide, strychnine and sodium monofluoracetate (1080). The action takes these compounds off of the commercial market immediately and paves the way for their permanent cancellation from the Federal government's registration program.

SHAKESPEARE ON BIG BOARD

NEW YORK—Shakespeare Company has been listed on the New York Stock Exchange and will be traded under the ticker symbol SKP, according to Stephen W. Trewhella, Shakespeare president. The company listed 2,479,680 shares of common stock.

Shakespeare, headquartered in Columbia, S.C., manufactures and markets a wide range of sporting goods including fishing, golf, archery and ski equipment. In addition, the company also manufactures automotive controls and industrial fiberglass and monofilament products.

VICTOR SALES UP, EARNINGS DOWN

CHICAGO—Victor Comptometer Corp., parent company of Victor Golf Company, PGA Div., reported a new high in sales for 1971, but a decline in net earnings.

Sales for the year amounted to \$165,941,991, as compared to \$163,282,465 in 1970. Profits from

continued on page 87



Now this is a utility tractor!

Our 2400A. Forty-six horsepower. Forty at the pto.

Low center of gravity for stability and safety.

Maneuverability for cramped quarters.

Muscle for the tough jobs.

Stamina for the

big jobs.
And matched equipment to do it all.

Loader bucket. Backhoe. Scraper. Three kinds of mowers.

The 2400A: One big effective machine.

We keep getting better at our business to get more of your business.

And keep it.

Industrial Equipment International Harvester Company, Chicago, Ill. 606ll

NEWS from page 85

operations and before special charges were \$2,488,411, or 43 cents a common share, versus \$4,905,139 or 92 cents a common share in 1970.

Heavy start-up costs and writeoffs of Victor's business machines operations were also absorbed last year. The computer division operated at a loss in 1971, but it is hoped to reach a break-even basis by the end of 1972.

The profits of the Recreation Products Group, which includes Victor Golf Company, were substantially above 1970 figures, according to the company.

NOER FOUNDATION ELECTS OFFICERS, BUILDS LIBRARY

CINCINNATI—The O.J. Noer Research Foundation has re-elected G.E. Champion, Champion Turf Equipment, president. Also reelected were Frank Shuman, Philadelphia Toro Company, secretary-treasurer; and C.E. Daugherty, Toro Distributing, Chicago, vice president. John Wistrand, Metro Milorganite, became a new member of the foundation.

It is also reported that the O.J. Noer Memorial Turfgrass Library at Michigan State University is continuing to grow. Although not complete, major donations have come from Thomas Mascaro's personal collection of turfgrass conference proceedings and the personal turfgrass library of Dr. James R. Watson. These major contributions have been supplemented by numerous individual publications and books.

All complete volumes, proceedings sets, and books received to date at MSU have been processed, indexed and bound. This portion of the collection is now available for use by turfgrass students and educators at MSU, and is also functioning as a source from which reprints can be obtained through inter-library loan from other libraries throughout the United States.

The directors of the foundation also voted to spend \$10,000 for research during 1972. In-depth studies on thatch at MSU and Texas A & M are currently under way, while winter injury studies are being

completed at MSU.

The O.J. Noer Research Foundation is a self-perpetuating tax-exempt foundation established in honor of this nation's pioneering turfgrass agronomist. Proceeds from investments are used each year to support needed turf research and train students at the graduate level.

MISSISSIPPI AWARDS TURF SCHOLARSHIP

ST. JOSEPH, MO.—Raymond Rogers, second from left, is the recipient of the Golf Course Superintendents Assn. scholarship award from the Mississippi Valley Golf Course Superintendents Assn. Presenting the award from left are; Ralph Guyer, president of the section; Rogers; Dr. John Nunn, assistant professor of horticulture at the University of Missouri, and Peter Hitch, secretary of the local section.



Rogers is a student and candidate for his masters degree at the University of Missouri. He received the award for his outstanding work in horticulture and agronomy. At the same meeting, Dunn accepted a check for \$500 from the Mississippi section to be used for turfgrass research.

TURF CALCULATOR AVAILABLE

CLEVELAND—Diamond Shamrock Corp. has introduced a total turf management calculator to aid golf course superintendents in spotting turf weeds and diseases. The calculator discusses weed and disease appearance, treatment and application. For a free calculator, contact the company, 300 Union Commerce Bldg., Cleveland, Ohio 44115.



WHEN YOU DEMAND RESULTS... CALL ON A PRO!

Long life and quality construction are expected on golf cart tires, but the demands of the course require gentle but unyielding traction and turf-pampering tenderness. It takes a pro to know the course . . . so specify the tire that most manufacturers demand . . the tire you find on golf carts from coast to coast, the pro, Carlisle!



Tire	College St. e, Pa. 17013	ber Div.
Send my comple Manufacturer Club Manage		☐ Distributor Greens Keeper
NAME		1 hans
ADDRESS		
CITY	STATE	ZIP
		in

for more information circle number 195 on card
5/72 GOLFDOM MAGAZINE 87



WESLEY O. MCGEE has been named president of Pargo, Inc., of Charlotte, N.C., makers of electric golf cars, electric industrial and commercial vehicles.



McGee

WESLEY R. HALL has been named regional sales manager for the Pacific Northwest for the Weathermatic div., Telsco Industries, Garland, Tex.



Hall

MAE CHINN has been appointed administrative assistant to Jack Hahn of Hahn, Inc., of Evansville, Ill.



Chinn

WILLIAM A. LYTTON, a former golf professional at Maccripine CC, Pinetops, N.C., has been made a territory manager for Dunlop Tire and Rubber Corp., Sports Di-

vision, Buffalo. He will be responsible for the sales and marketing of Dunlop Sports equipment in the eastern half of North Carolina.

CHARLES E. CUMMING has been appointed sales manager of the newly-formed Professional Golf Div. of Ajay, Delavan, Wis., which makes the Double Eagle pro line.



Cumming

FRANK J. DEMARY has been promoted to assistant vice presidentmarketing, Institutional Div. of DuBois Chemicals of Cincinnati.

RUSSELL H. STARK has been appointed supervisor, dealer sales for Normarc, Inc., Tangent, Ore. Stark will be responsible for all dealer sales for the Oregon and Idaho operations of the company, including Union Seed Company of Nampa, Ida.

JAMES B. COOGAN has been appointed director of advertising for Deere & Company, Moline, Ill. He succeeds Donald D. Dilworth, who has been moved up to the position of staff director for corporate communications.



Coogan

C.F. GRUMLEY and LAWRENCE H. HODGES have been elected vice presidents of the JI Case Company of Racine, Wis.

RONALD J. VILT has been named advertising manager for True Temper Corp. of Cleveland. He succeeds Richard W. Munson. Vilt will be responsible for the company's Hardware, Tackle, Golf and Rail Ap-

pliance Divisions. KAE Y. EVANS, former assistant advertising production manager, becomes advertising production manager.





Evans

Vilt

LEONARD N. CAMPBELL and ROBERT J. CHIU have been appointed professional golf sales representatives of MacGregor Company. Chiu will be responsible for pro golf sales in New Jersey; Campbell for North Carolina.





Chiu

Campbell

As part of a realignment of General Battery Corp.'s Marketing Department, the following changes have been made: R.E. DYER has been appointed general products manager; JAMES I. SIKORA has been made advertising and sales promotion manager, and THOMAS J. DILULLO has been promoted to assistant advertising and sales promotion manager.

KEN MILLS has moved up to the new position of Eastern regional sales manager for Eastern Rain Bird Sales, Peoria, Ill.

L.E. HENDRICKSON has been appointed national sales manager, Fence Div., Rohn-Spaulding of Peoria, Ill.

CORRECTION

In the February GOLFDOM on page 65, the professional net income percentages for the \$20,001 to \$25,000 bracket were erroneously transposed. The correct figures are 4.9 per cent in 1970 and 8.6 per cent in 1971.





ERIE MFG. COMPANY announces the introduction of Emergency Oxygen, a lightweight portable unit that contains a 40-minute supply of oxygen. The unit weighs only 7 1/2 pounds and contains an automatic flow controller allowing the inexperienced to operate the unit without adjusting valves to increase or decrease oxygen supply. According to the company, the average 18 hole private golf course experiences five heart attacks a year. Oxygen may prevent brain damage and sustain life. The unit is fully-guaranteed for 24 months from purchase date. Circle No. 101 on reader service card



SUZUKI OF SAN DIEGO, United States distributor for the Suzuki vehicle line, announces a swing-away tire carrier on its 1972 models of the Brute IV four-wheel drive. The new tire carrier is a time and trouble saver, according to the company,

and has a streamlined appearance. Other features of the Brute IV include dual-stroke action/engine, and an oil injection system. The vehicle gets up to 30 miles per gallon. Limited dealerships are available. Circle No. 102 on reader service card

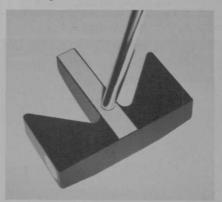


WITTEK GOLF RANGE SUPPLY COMPANY, INC., announces the Accu-Test, a combination golf ball concentricity and compression tester. According to the company, this is the first portable precision instrument designed to help every professional or golfer check the playable condition of their golf balls. The three-pound instrument contains a lever ring guage for testing ball roundness and size and a compression testing mechanism designed to give accurate readings ranging from 50 to 100. Every unit is calibrated on highly sophisticated electronic equipment to assure accuracy. AccuTest also permits the golfer to select the correct ball as to hardness for weather conditions and tells the golfer when to discard a ball. Circle No. 103 on reader service card



HANCOR, INC., makes Cor-Flow twoinch flexible drainage tubing. The perforated pipe can be laid in any direction without intermediate fittings and can be cut to any length with a knife. The tubing is acid, alkali and frost-resistant and light in weight (a standard 500-foot roll weighs 68 pounds) for easy transportation. Couplers, end caps and tees are supplied. Pipe also comes unperforated. Various diameters are offered, perforated and unperforated. Circle No. 104 on reader service card

CECILWARE CORP. introduces the FE-40 automatic coffee brewer. which can brew a decanter in four minutes and can fill four decanters an hour. A thermostat combines with a solid-state electronic timer and a Tossway paper filter for blending. Circle No. 105 on reader service card



GOLFSONIC introduces the new Tee-Bone putter. The putter features an extended centroid, which increases the sweet spot for greater weight redistribution, reduces torque and lowers the center of gravity. The putter also features simple, accurate alignment through a unique design and conforms to standards set by the United States Golf Assn. Circle No. 106 on reader service card



HARTLINE PRODUCTS COMPANY, INC., makes Rockite compound which mixes with water to form a pliable consistency for repair of cracks, holes or breaks in concrete. Anchor bolts also can be permanently attached with the compound. Circle No. 107 on reader service card

Golf course architects' guide

EDMUND B. AULT Ltd.

GOLF COURSE ARCHITECT

Sculptured Greens

National Golf Foundation 7979 Old Georgetown Road

Bethesda, Maryland 20014

301-942-0716 301-657-4278

For more information circle number 147 on card

BELLANTE, CLAUSS, MILLER & NOLAN, INC. Art Wall Jr.

GOLF COURSE ARCHITECTS

Master Planning . Site Analysis Plans Specifications . Supervision Irrigation Systems . Storage Ponds

Bellante and Clauss Blda. Suburban Station Blda

For more information circle number 145 on card

GOLF COURSE ARCHITECT

FRANCIS DUANE

939 Port Washington Blvd. Port Washington, N.Y. 516 - PO 7-7851

-AMBRICAN SOCIETY OF GOLF COURSE ARCHITECTS

For more information circle number 148 on card

TRADITION OF DEBIGN EXCELLENCE ROBERT TRENT JONES INC.

For more information circle number 138 on card

Bob Jordan

Golf Course Constructor

Irrigation Systems

"I Supervise All Work"

235 State St., East Peoria, Illinois Phone: 699-6974 or 673-1067

For more information circle number 154 on card



For more information circle number 194 on card

COMPLETE **GOLF COURSE** CONSTRUCTION

Also rebuild, move tees and greens, install watering systems.



EARTHMOVING SERVICE, INC.

IBERIA, OHIO . Ph. Galion, O. 419 468-5454

For more information circle number 151 on card

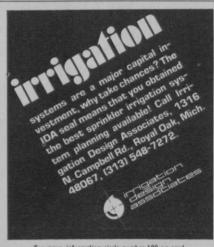
CONSTRUCTION COMPANY

GOLF COURSE CONSTRUCTION BY CONTRACT

Since 1924!

212 W. FAIRCHILD DANVILLE, ILL. 217-442-2411

For more information circle number 146 on card



For more information circle number 188 on card

WILLIAM JAMES SPEAR

GOLF COURSE ARCHITECT



584-8200

For more information circle number 153 on card



Take stock in America

Buy U.S. Savings Bonds & Freedom Shares