

USS Vertagreen

Weed & Feed for professional turf

With Balan kills Poa Annua and Crabgrass while it feeds your turf



With Balan

One of the greatest challenges to you as a golf course superintendent is the control of trouble making weeds such as Poa Annua in the Fall and Crabgrass in the Spring. And when it comes to combating these culprits you'll find that USS VERTAGREEN Weed & Feed for Professional Turf gets the job done. Weed & Feed contains famous BALAN, the selective pre-emergence herbicide that kills Poa Annua and Crabgrass seeds as they germinate. BALAN breaks down gradually... leaves no

harmful residue... no damage to established turf. And as Weed & Feed controls weeds, its superior grass-growing nutrients (12-4-8 VERTAGREEN) act quickly to provide steady, healthy growth.

So remember... now's the time to kill Poa Annua before it gets a good grip on your turf. For great turf in the 70's, call the professional today... your VERTAGREEN Representative. He'll meet you on your own ground with a full line of dependable turf products and services for you.

Score in the 70's with the

USS Vertagreen

Professional turf program

USS and VERTAGREEN are registered trademarksBALAN® is the registered trademark for Benefin, Elanco Products Company, a Division of Eli Lilly and CompanyFor more information circle number 240 on card

NEWS OF THE INDUSTRY

Athletic division moves

The general sales offices for the **Athletic Products Division** of General Tire & Rubber Company has been moved. New address is: Chambers Ave., Jeannette, Pa. 15644. Telephone: (412) 523-5441 or 526-3501.

Manufacturers concerned over PGA equipment testing committee

Several equipment manufacturers are disturbed by the **Professional Golfers' Assn.**'s recent announcement of an equipment testing committee to "investigate the many claims made in advertising golf equipment..." The announcement, which appeared in the June issue of the PGA publication, "Professional Golfer," stated: "The time has come when advertising and wild claims will be investigated and the PGA golf professional will be advised accordingly."

During discussion of what originally had been termed by PGA President Leo Fraser as a "research and development department" at the PGA's annual meeting last January, manufacturers were told that it would primarily serve as a means of communication to professionals by informing them impartially of any new developments in materials or components for golf equipment, one manufacturer recalled.

"It was not to act as the conscience of the manufacturers, which is the impression created by the announcement," he said. A major question which arises, this industry leader added, is how the PGA can ethically and justifiably assume the task of testing and evaluating various manufacturers' products when it lends its name to many competing products on the market. He pointed out that this could "put the PGA in the position of prosecuting attorney, judge and jury when evaluating competing lines."

Furthermore, the testing and evaluation which the PGA wants to conduct require costly and highly complex equipment and people with a great deal of technical knowledge. "The PGA has neither the facilities nor the qualified personnel to properly carry out such

Spalding testing new ball; performance termed "unique"

A.G. Spalding & Bros. has high hopes for its new Top-Flite golf ball, which is claimed to have unique performance characteristics. One of the ball's major selling points is that it is highly durable. However, a Spalding spokesman says two other features have been discovered in tests: 1) at lower clubhead speeds, golfers could hit the Top-Flite farther than other balls tested against it and 2) the Top-Flite went up to 12 yards farther with a five iron.

These characteristics are attributed to its two-piece construction consisting of a molded core of a high density polymer compound and a cover of DuPont Surlyn—a highly resilient substance. The ball continues to reveal advantageous characteristics in tests and the company has not yet fully evaluated all the features of the Top-Flite, according to the Spalding spokesman.

Surlyn is not new to the golf ball field. Ram Golf Corp. has been using it for their ball coverings for about three years. However, Ram utilizes the conventional three-piece construction—1-1/16-inch center, rubber windings and cover. Meanwhile, other major manufacturers currently are working on golf balls with Surlyn covers.

This marks Spalding's second attempt with a two-piece ball. The "Executive I," a two-piece ball of entirely different materials, had been on the market for about two years. However, it was withdrawn due to a certain "softness" which golfers found undesirable.

Currently, the Spalding Top-Flite is being test marketed in West Coast pro shops at \$1.25. However, Spalding plans to test market it in Florida this fall at \$1.35. It has already gone through USGA tests and was found to be within the association's requirements for initial velocity. The Top-Flite will be sold in pro shops only and is expected to be introduced to the public nationally in January 1971.



LEO FRASER

functions," the spokesman said.

In questioning the actual functions of the new group the Manufacturers' PGA Relations Committee has been assured by Fraser that the original concept as explained last January, had not been altered.

PGA Executive Director Robert Creasey told GOLFDOM that nothing is absolutely definite right now in regard to the committee and that the article announcing it was merely to inform members of one of the association's "determinations" to explore new areas.

However, it seems the manufacturers' concerns have not been sufficiently allayed, and the new committee is likely to be a top subject of discussion during the upcoming annual meeting.

Golf featured at River Oaks

Golf will be the focal point of a new recreational \$250 million facility located on Grand Island which lies in the Niagara River between the United States and Canada. To prove it Erie County Executive B. John Tutuska whacked a three-wood shot 230 yards to "break ground" on the spot where the first tee will be located.

The development, to be called **River Oaks**, will include a hotel, marina, park, high rise housing, single houses and a retail shopping center. Loeb, Rhoades and Company in partnership with Caldwell Development Corp. will build River Oaks on 1,100 acres. The architects for the course will be Victor Gruen Associates.

An end to waste

Wastewater recycling can be one of man's most important weapons in his battle to improve the environment, according to Dr. **Robert C. Ball** director of Michigan State University's Institute of Water Research.

"As we become increasingly aware of the degradation of our environment, there is an urgent need to reorient our thinking to regard as resources many things we now wantonly discard as wastes," says Ball.

Ball believes that man must direct his technology toward recycling these supposed wastes into economically valuable and useful products, and "perhaps there is no place that recycling of resources has greater application and potential than in wastewater treatment." Such treated water can be used to irrigate not only agricultural and forest crops, but golf courses as well. In fact one such system already exists at Panther Valley CC in Allamuchy, N.J. (see **GOLFDOM**, June, 1969, p. 45).

Recycling is not a panacea for wastewater disposal problems nor is it a new concept. But it "is a concept we have chosen to ignore largely because we have had access to what appeared to be limitless new raw materials and ample land and water areas upon which to impose our wastes. We are now recognizing the hazards in this approach.

"Unless we redirect our technology to reuse our wastes, we run the grave risk of destroying important sectors of our environment as well as depleting our resource base," Ball adds.

Melnor moving into institutional irrigation field

Preliminary negotiations are under way for acquisition of **Turf Irrigation Corp.**, manufacturer of institutional irrigation equipment, by **Melnor Industries**, a manufacturer of home sprinkler systems to merge.

According to Edwin M. Heiberger, president of Turf Irrigation, and Norman Seiden, president of Melnor, Melnor will purchase Turf Irrigation cash assets for approximately \$2 per share of Turf Irrigation stock. Turf Irrigation will then operate as a division of Melnor with Heiberger remaining president and general manager.

Venable branches out

Venable Sprinkler Sales, a division of Michigan General Corp. plans to open offices in Atlanta, Miami, Oklahoma City and in Waco, Austin and San Antonio, Tex., as a further step toward becoming a nationwide contractor, supplier and installer of sprinkler systems.

Heading the Atlanta-Miami operation, which opened recently, is David Wilcox, recently-appointed Southeastern sales manager. Wilcox has worked in the irrigation and turf business for over 12 years.

The other four branch offices are scheduled to open in early 1971.

Sales earnings decline for Victor and Stauffer

Unfavorable economic conditions have resulted in a marked downturn in sales and earnings from 1969 to 1970 for both Victor Comptometer Corp., parent company of Victor Golf, and Stauffer Chemical Company.

According to A.C. Buehler, chairman of Victor Comptometer Corp., net sales for the six months ending June 30 are down by \$1,095,695 from \$78,380,552 in 1969 to \$77,284,857 in 1970. In addition, net earnings for 1970 were only \$2,614,122 as compared to \$5,027,333 in the same 1969 period. Second quarter net sales showed a decrease of \$3,458,778 from 1969 to 1970, whereas net earnings dropped by \$1,934,328 in 1970.

Stauffer Chemical Company suffered similar losses. Sales for the first half of 1970 were \$250.2 million compared to \$262.6 million for the same period in 1969. This represents a drop of \$12.4 million. In the second quarter of 1970, sales dropped by \$8.6 million from \$132.5 million in 1969 to \$123.9 million in 1970.

Stauffer's net earnings also show reductions. Earnings for the first half of 1970 were \$17.2 million, (Continued on page 64)

Dutch elm disease: a possible solution

The solution to the **Dutch elm disease** problem, which has plagued the United States for nearly 40 years (see **GOLFDOM**, August, 1969, p. 38), may be within sight.

Foresters at Michigan State University and the University of Wisconsin have found that certain European elms are resistant to the disease; in fact, it is now possible to give a 75 per cent guarantee that some types of elms will survive the disease for 40 years, according to MSU forestry researchers Gary Long and Jonathan W. Wright.

Over 600 seedlots of elms from Japan, India, Rumania, Russia, Austria and other European and Asian countries were received by the researchers by the end of the summer of 1968. These seeds were planted as soon as they arrived. Now two years old, the trees were inoculated with spores of the Dutch elm disease fungus early this June. In total, 25,000 trees were inoculated. First results showed that one European species, the smooth-leaved elm, showed high resistance. A Japanese species also showed considerable resistance.

SOW AND STAND BACK IT'S RYEGRASS



Consider this when planning your overseeding program! You'll find that Annual Ryegrass is the grass in the mixture that will give you green in a matter of days.

Annual Ryegrass will germinate in 5 to 14 days... even less under ideal conditions. With a fast starter like Ryegrass you'll avoid that awkward situation when the native grasses are losing their color and your overseeding hasn't produced the color your players want.

Make Annual Ryegrass a part of your overseeding program. It's a proven performer.

For free brochures on
"What You Should Know About
Oregon Ryegrass"
write to:

OREGON RYEGRASS GROWERS SEED COMMISSION

Dept. 1 One, Rivergrove Building • 2111 Front Street N.E., Salem, Oregon 97303

For more information circle number 242 on card

News

(Continued from page 63)

whereas in 1969 earnings totaled \$18.1 million. In the second quarter earnings dropped by \$225,000 from \$9.1 million in 1969 to \$8.9 million in 1970.

Although Stauffer Chemical is making no predictions, Victor Comptometer anticipates an upturn in both sales and earnings for the latter part of the year.

Turfmen compare data

Representatives from 15 universities met in a joint meeting of the **Southern Regional Turf Research Committee** and the **Northeast Co-ordinating Committee-3** at Virginia Polytechnic Institute July 8 and 9. The committees met to hear the results of the bluegrass tests being conducted in Virginia as reported by Dr. John F. Shoulders, turf specialist.

These federally-supported committees are testing 40 varieties of bluegrass for ecological and physiological performance in addition to researching new pesticides and methods of turf weed and disease control.

Because Virginia is a member of both committees, a joint meeting was held.

ASGCA elects officers

The American Society of Golf Course Architects elected officers at its annual Board of Governors meeting. Elected president was E. Lawrence Packard, LaGrange, Ill. C. E. Robinson, Toronto, Canada, was elected vice president and Francis J. Duane, Port Washington, N.Y., was elected secretary-treasurer. In addition Percy Clifford, Mexico City, was elected to the board.

The A.S.G.C.A. established headquarters in the tour suite of the LaSalle-Wacker Building, 221 North LaSalle Street, Chicago.

Still serving three-year terms on the board are Geoffrey S. Cornish, Amherst, Mass.; Robert M. Graves, Lafayette, Calif.; David W. Gordon, Doylestown, Pa.; James G. Harrison, Turtle Creek, Pa.; and Ferdinand Garbin, Ex-por, Pa.

Safari SPECIALISTS IN COLD WATER

... where you want it!
... when you want it!

GAS-FIRED Drinking Fountains
and Water Coolers
Safari Electric Drinking Fountains
Unconditionally Guaranteed
never to burn out due to drop in
line voltage.

SAFARI (DEPT. G)
591 N.E. 5th Street, Pompano Beach
Florida 33060
Phone (305) 942-8076

For more information circle number 218 on card

If
it's an
Award
... We
Have
It!

Golf Prizes



TROPHIES • PLAQUES • JEWELRY
HOLLOWARE • TOURNAMENT FAVORS
NOVELTIES • FUNCTIONAL PRIZES

Custom Prizes Our Specialty
For Pro Discounts... FREE Catalog
Write Dept. GD Phone (312) 782-2317

LANE

EDWIN W. LANE CO.
32 W. Randolph St.
Chicago, Ill. 60601

For more information circle number 169 on card

TURFTOP...

U.S. PAT. #2989247

LARCHMONT'S "TURFTOP" A PLAYERS DREAM
A NEW INNOVATION IN SPRINKLERS



Call or write on your letterhead for details and specifications

LARCHMONT
ENGINEERING
& IRRIGATION INC.

LEXINGTON, MASS. 02173
(617) 862-2550



Johns-Manville Transite Pipe
for all permanent installations

For more information circle number 265 on card

We use

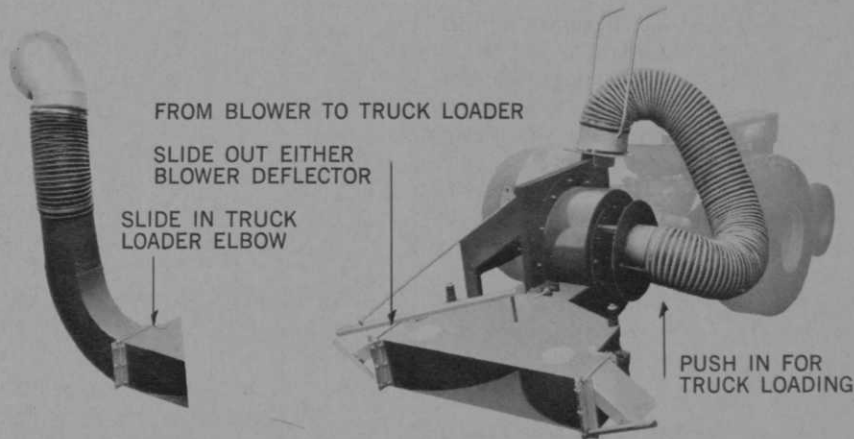
Johns-Manville
TRANSITE
IRRIGATION PIPE



BUY GIANT-VAC GET GIANT ECONOMY

GIANT-VAC universal P.T.O. unit converts to
blower, vacuum, thatcher, truck loader . . .

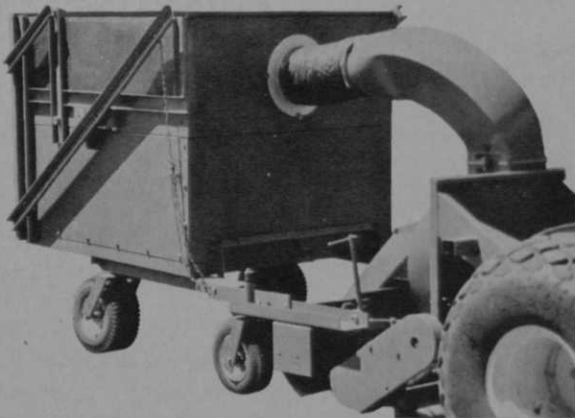
As double headed blower . . . to truck loader in 30 seconds



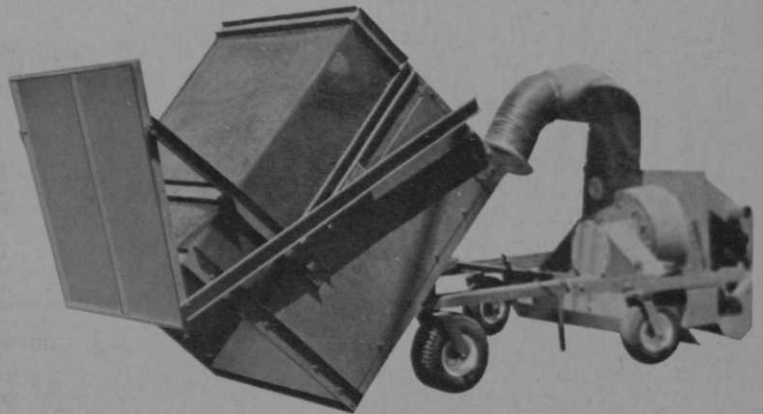
Exhaust velocities exceeding 250 M.P.H. rapidly clean a large turf area. By flipping one tractor operated lever, the air discharge is changed from left to right allowing constant windrowing regardless of tractor direction. Special features allow converting to a Truck Loader in 30 seconds, as shown.

As vacuum, thatcher and truck loader . . .

Vacuums a 6 foot swath and thatches large acreage at the same time. Truck Loading hose attachments may also be added to this combination. A variety of self-dumping trailers are available.



VACUUMING AND THATCHING



SELF-DUMPING

GIANT-VAC offers a P.T.O. driven power unit which performs many functions. Propelled by a standard tractor, this unit with available accessories is versatile and efficient. It can be operated as a double headed blower, cleaning many acres per hour. Attachments are available which convert the Blower to a Truck Loader in less than a minute. This P.T.O. unit is readily changed to a 6 foot vacuum machine. A Thatcher can be added to the vacuum head. Thus, large areas may be thatched and efficiently vacuumed at one time. Other attachments are also available, as well as, an assortment of debris collection trailers. Other Giant-Vac products include . . . Truck Loaders from 12 to 65 H.P. . . . Giant-Blos from 5 to 65 H.P. . . . Giant-Vacs from 5 to 10 H.P. . . . Thatchers . . . plus many standard accessories to custom-fit your needs.

GIANT-VAC MFG. INCORPORATED

AFFILIATE OF H. L. DIEHL COMPANY, INC.

SOUTH WINDHAM, CONN. 06266

Pioneer of Vacs

NEW PRODUCTS



Woodlets, Inc., announces the Brock Airway for mouth-to-mouth artificial respiration without personal contact. Its non-return valve minimizes danger of cross-infection, provides a mouth seal and clears an airway to the mouth. It sells for \$7.95 with models available for general or professional use.

Circle No. 101 on reader service card



Barthman Corp. announces the King Midget Commuter mini-car which doubles as a golf car. Made of fiberglass, the Commuter has a turn-aside steering wheel, an automatic transmission and a 12hp engine which delivers over 50 miles per gallon of gas. Available with a removable fiberglass top, the Commuter sells for \$1,295.

Circle No. 102 on reader service card



Goodall Div. has designed a heavy-duty, 22-inch, trim-type mower for commercial mowing. It comes with 8 by 1 1/2 inch steel wheels with sealed ball-bearings and grease fittings that are recessed to permit close trimming, a hinged chute mulcher plate with a bracket to catch grass, heavy-gauge steel handles and a steel blade driver. The mower offers a choice of 3 1/2 hp or 5hp engines with a 1 1/2 quart extra oil base, five quart fuel tank and a snorket air cleaner mounted on the handle.

Circle No. 103 on reader service card



DriAll Driers, Inc., introduces the LevLer, a low cost tool that eliminates ridges, depressions and furrows giving a smooth seed bed. The LevLer is equipped with a disc hitch for use behind a disc or three-point hitch. The LevLer comes in 11, 13, 15 and 17 foot models. Also available is a six-foot model for the compact trailer.

Circle No. 104 on reader service card



Sans Souci, Inc., has designed the Drinkometer as a self-tester for sobriety. The Drinkometer consists of a balloon for breath testing, and three bands of chemically treated crystals that change from orange-yellow to green according to the amount of alcohol present. Available for \$1 or in a pack of five for \$4.75.

Circle No. 105 on reader service card

COMPLETE GOLF COURSE CONSTRUCTION

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



IBERIA

EARTHMOVING SERVICE, INC.

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

For more information circle number 177 on card



**EQUIPMENT
& SUPPLIES**

**RANGES
MINIATURES
COUNTRY
CLUBS
PAR-3
PRO-SHOP
Free Catalog**

WITTEK Golf Range Supply Co., Inc.

3650 AVONDALE • CHICAGO, ILLINOIS 60618

For more information circle number 189 on card

GOLF SIGNS

BY GRIMCO/SINCE 1875

Die embossed steel, custom made Hole Markers show hole number, yardage and par. Complete with 26" stakes, bolts and nuts...

PAR 4 16 420 YDS.

9 for \$44...18 for \$88

**OUT OF
BOUNDS**

CARTS

**PLEASE
REPLACE
DIVOTS**

Ten standard wordings. Specify direction of arrows.

\$1920 per doz.

GRIMCO, INC. 141 Hanley Ind'l Ct. St. Louis, Mo. 63144

For more information circle number 215 on card

IDEAL AWARDS

Genuine Pewter Tankard—Full Qt. Size 5½" High—Engraves Beautifully Only **\$10.00**



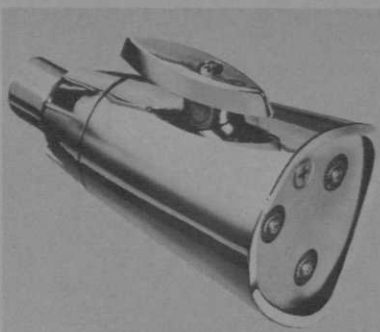
Hole-in-one Trophy XPW-4 Walnut Base—Sunray Ball Holder and Engraving Plate each **\$4.49**

Write for FREE Catalog

THE TROPHY & MEDAL SHOP

4560 N. Western Ave. Chicago, Ill. 60625
Telephone /271-7600

For more information circle number 187 on card



H. B. Sherman Mfg. Company announces the Body Toner shower head. Three miniature turbine jets break up the water flow into individual droplets and disperse them in a rhythmic pattern. The Body Toner offers a range of spray settings and is available in chrome, harvest gold, avocado green or porcelain white. It retails for \$19.95.

Circle No. 106 on reader service card



York Rakes Div. of York Modern Corp. offers a compact rake for use with garden tractors. The Model LFT is designed to remove thatch without damaging roots and clear away grass clippings, acorns and any other lawn debris. It uses three rotating tine bars with 117 spring teeth, each mounted on rubber. The rake clears a three foot swath, discharging material in neat rows. Available with a variety of hitches for attachment to garden tractors.

Circle No. 107 on reader service card

W. S. Kirkpatrick & Company, Inc., offers the Saunette disposable cloth towel. Unfolded it measures 8 by 11½ inches; packaged it is 3½ by 4 inches. Slightly scented and moistened, the Saunette is wrapped in aluminum and can be heated. Available in two designs, the Saunette comes in cartons of 500 or packages of 30.

Circle No. 108 on reader service card

(Continued on page 70)

Green's Green with

CUTRINE

U.S.D.A. Reg. No. 8959-1

The only algaecide known that will eliminate ALL forms of algae at safe limits to other living things when used as directed. AND, it has no harmful effect on turf grass.



An area at the bottom of the picture, including both fringe and green surface, was treated with at least 100 times more CUTRINE than it would take for normal algae control in a body of water.

The picture, taken 5 days after spraying, shows the treated area is just as green as the rest of the grass—no browning, no kill.

(By the way, algae in a lake on the course was treated with the normal amount of CUTRINE. It was GONE in five days.)

**Get rid of algae
and use the same
water on your
course safely.**

APPLIED BIOCHEMISTS, INC. (414) 271-5870
1744 N. Farwell Ave., Milwaukee, Wis. 53202

Gentlemen: Please send complete information on CUTRINE to:

Name _____

Address _____

City _____

State _____ Zip _____

Firm _____

Telephone _____

NA-7-70

For more information circle number 237 on card

Golf course architects' guide

EDMUND B. AULT Ltd.

GOLF COURSE ARCHITECT

Sculptured Greens

Member

National Golf Foundation

7979 Old Georgetown Road

Bethesda, Maryland 20014

301-942-0716

301-657-4278

For more information circle number 140 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 Bldg. Suburban Station Bldg.

Scranton, Pa.

717-344-8531

Philadelphia, Pa.

215-564-2444

For more information circle number 141 on card

George W. Cobb



Member
American Society
of
Landscape Architects

American Society
of
Golf Course Architects

11 Lake Fairfield Drive
Greenville, South Carolina
29607

(803) 244-5562

For more information circle number 276 on card

GOLF COURSE ARCHITECT

FRANCIS J. DUANE

939 Port Washington Blvd.
Port Washington, N.Y.

516-PO 7-7851

MEMBER
AMERICAN SOCIETY OF GOLF COURSE ARCHITECTS

For more information circle number 148 on card

GEORGE FAZIO TOM FAZIO GOLF COURSE ARCHITECTS

P.O. BOX 9951

PHILADELPHIA, PA. 19118

215-242-1330

P.O. BOX 14092

N. PALM BEACH, FLA.

305-746-5333

For more information circle number 145 on card

Dr. MARVIN H. FERGUSON

GOLF COURSE DESIGN

P.O. Box 3757

Bryan, Texas 77801

(713) 823-5551

For more information circle number 139 on card

PUTTING GREEN PERFECTION!



with . . . BENT GRASS STOLONS or SOD

- Washington • Cohasset • Arlington
- Congressional • Toronto • Pennpar

Phone: Area 313-437-2026

Hiram F. Godwin & Son Inc.
55150 Ten Mile, South Lyon, Mich. 48178

For more information circle number 149 on card

William F. Gordon and David W. Gordon

Golf Course Architects

Doylestown, Pennsylvania

Fillmore 8-4243

American Society of Golf Course Architects

For more information circle number 142 on card



ROBERT BRUCE HARRIS

Golf Course Architect

Member American Society of Golf Course Architects

645 N. MICHIGAN AVENUE
Whitehall 4-6530

CHICAGO 11 • ILL.

For more information circle number 150 on card

GEOFFREY S. CORNISH

GOLF COURSE ARCHITECT

Fiddler's Green Amherst, Mass. 01002

Phone: 413-253-3913

Member
American Society of Golf Course Architects

For more information circle number 155 on card

ARTHUR HILLS

Golf Course Architect

7351 West Bancroft

Toledo, Ohio 43617 419-841-7797

Box 4086, Fort Myers Beach,

Florida 33931

For more information circle number 153 on card

WILLIAM JAMES SPEAR

GOLF COURSE ARCHITECT

116 WEST MAIN STREET
ST. CHARLES, ILL. 60174



(312)
584-8200

For more information circle number 144 on card

JAMES GILMORE HARRISON

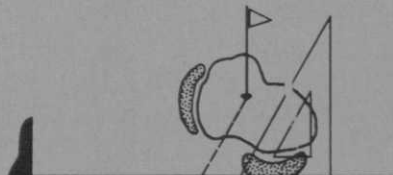
Golf Course Architect

Member American Society
of Golf Course Architects

266 Harrison Road
Turtle Creek, Pennsylvania 15145
Tel. 412-823-3444

For more information circle number 146 on card

Golf Course Architects



X. G. HASSENPLUG
JOHN C. HASSENPLUG

1300 Freeport Road
Pittsburgh, Pennsylvania 15238
412-781-6994 or 412-781-1820

Member National Golf Foundation

For more information circle number 143 on card

"Give your course a signature"

Robert Trent Jones

GOLF COURSE ARCHITECT

7 CHURCH ST.
MONTCLAIR, N.J.
201-744-3033-34

360 BRYANT STREET
PALO ALTO, CALIF.
415-324-1253

P.O. BOX 4121
FT. LAUDERDALE, FLA.
305-564-3422

For more information circle number 154 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 138 on card



Member: American Society of
Golf Course Architects



11 South LaGrange Road
LaGrange, Illinois 60525
Telephone—Area Code (312) 352-2113

For more information circle number 159 on card

DEAN OF GOLF COURSE DESIGN

Robert Dean Putman
GOLF COURSE ARCHITECT



2572 WEST SCOTT
FRESNO, CALIF. 93705
PHONE (209) 439-6927

DESIGNER OF OVER 300 GOLF COURSES

For more information circle number 151 on card

JAMES ROOT

Golf Course Architect

P.O. Box 321

Williamstown, W. Va. 26187

Ph: 614-373-5109

Member National Golf Foundation

For more information circle number 156 on card

Bob Simmons

GOLF COURSE ARCHITECT

7018 LAKE FOREST DRIVE
ORLANDO, FLORIDA

33809

Ph: 305-855-3991

2230 W. MAPLE ST.
KOKOMO, INDIANA 46901

Ph: 317-452-8449

317-457-3903

For more information circle number 152 on card

FREE ESTIMATES
ON

Design and construction.
We will construct on any
arrangement to suit your
budget.

30 years EXPERIENCE

Look at some of my courses
and costs. You will call me.

398-0724

399-5847

Ocean City, N.J.

272-0795

Norristown, Pa.

For more information circle number 137 on card



GIVE THE UNITED WAY

MADDOX

CONSTRUCTION COMPANY

**GOLF COURSE
CONSTRUCTION
BY CONTRACT**

Since 1924!

P.O. BOX 66
ST. CHARLES, ILL.
312-231-2665

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

For more information circle number 245 on card

MANUAL & AUTOMATIC TURF IRRIGATION

Design—Installation
Complete Pumping Installation

SKINNER/BUCKNER/J-M
PVC/TRANSITE/RAINBIRD

Alcoa Aluminum Portable Pipe—Pumps
RENTAL & SALES

OLDFIELD EQUIPMENT CO.

430 W. Seymour Ave., Cincinnati, O. 45216

Phone: 821-5582

For more information circle number 279 on card



GOLF CAR PROFIT INSURANCE

Special LesterMATIC features let even the most inexperienced employee keep your rental fleet's batteries fully, safely charged. **Standard Models:** 36, 24, 18 volts. **Output:** 30 amps tapering to 2 amps.



Special built-in units are available. Proven at most golf courses nationwide. See your distributor or write for new literature.

LESTER ELECTRICAL

625 West A St., Lincoln, Neb. 68522

LESTER EQUIPMENT

2840 Coronado St., Anaheim, Calif. 92806

Pioneers of Golf Car Chargers Since 1945

For more information circle number 225 on card

New Products

(Continued from page 67)



Cushman Motors introduces the Trophy four-wheel, electric, economy golf car. Constructed of corrosion-resistant, terneplate steel, the Trophy is equipped with individual bucket seats and an automatic brake that engages when the driver leaves his seat. Other features are automotive steering, front and rear shock absorbers, a storage compartment and an insulated drink and golf ball compartment. Available accessories are auxiliary bumpers, windshield and canopy. It sells for \$1,350 without batteries.

Circle No. 109 on reader service card



Sono Columns, Inc., announces a table-top lectern designed especially for small rooms that require amplification. The SCTM 50 lectern has front and side mounted speakers, is resistant to scratches and is lightweight.

Circle No. 111 on reader service card

Per Capita Unlimited announces the sapor soap dispenser which uses solid bar soap and dispenses it in powder form. Operated by turning a hand wheel, it is transparent and corrosion and rust resistant. Priced at \$9.95.

Circle No. 112 on reader service card

Faultless Golf Products offers free a pro shop gift pack that includes 12 Professional Plus balls and a golf bag bottle caddy all valued at \$20. Professionals can buy the gift pack for \$9 a dozen for one case, \$8.20 a dozen for two or three cases and \$7.50 a dozen for four or more cases. Each case includes 12 gift packs and a counter display card.

Circle No. 110 on reader service card

Rain Jet Corp. announces adjustable square-pattern sprinklers, flow fittings and flexible piping that can be installed by any novice with household tools. The suggested retail price for materials to cover 1,500 square feet of lawn is \$64.50. Available with a "How to Install" brochure.

Circle No. 113 on reader service card