39th Turfgrass Conference and Show

Supers to view "what's new"

Over 3,000 GCSAA members, agronomists and educators will come this year to see the "Greatest show on turf."



The Golf Course Superintendents Association of America will hold its 39th Annual International Conference and Show February 18-23 at the Hilton Hotel in San Francisco, California.

The educational conference will attract more than 3,000 golf superintendents, agronomists and educators. This year's conference theme is: "What's new... and how to use it" as regards maintenance of golf courses. Over 40 leading superintendents, scientists and educators will address the educational meetings.

The opening day of the conference, papers will be presented on ''Golf course beautification,'' including a review of the superintendent's responsibilities towards other golf club sports facilities such as swimming pools, tennis courts and curling. Other papers will cover, ''Water usage,'' ''Tree roots and putting greens'' and ''Light studies on vegetative growth.''

On Tuesday morning, the "Greatest show on turf" will be formally opened by GCSAA president Walter Boysen, superintendent at Sequoyah CC, Oakland, Calif. Over 100 exhibitors will display and demonstrate the newest in turf equipment, materials and supplies.

Tuesday afternoon, the educational session will discuss advancing technology in the chemical industry and proper chemical application in turfgrass management.

Wednesday morning will be devoted to public course operation and demonstrations of small engines. In the afternoon, the GCSAA will hold its annual business meeting and election of officers.

The educational assemblies on Thursday will feature ''The putting green,'' presented by United States Golf Association Green Section agronomists. A concurrent session will cover ''Irrigation of golf courses.''

On Friday, the seventh educational assembly will discuss golf turf in general, soil salinity, helicopter spraying and maintenance building design.

Just prior to the conference and show, the Golf Course Superintendents Association of Northern California will host a National Golf Tournament, sponsored by the GCSAA, to be held Feb. 14-16.

The tournament will be played on well-known courses on the Monterey Peninsula, south of San Francisco.

Trophies for the six flights will include: the USGA trophy, to go to the champion GCSAA superintendent; the GOLFDOM trophy for the winning superintendent-pro; the Director's Cup for the winning GCSAA Chapter team; the O.J. Noer Trophy for the senior division winner; the Industrial Relations Committee Trophy to the winner in the exhibitors flight, and trophies to winning guests.

There will also be a Ladies Tournament to be held at Del Monte Golf Club on the Peninsula.

The complete educational program follows; day-by-day activities are on page 28 and a list of exhibitors starts on page 30.

FIRST EDUCATIONAL ASSEMBLY Monday, February 19, 1968 9:00-11:45 A. M.

What's new and how do we use it?" Chairman: Norman W. Kramer, co-chairman, Educational Committee; GCSAA director; and superintendent, Point O'Woods Golf and Country Club, Benton Harbor, Michigan.

Invocation: Father Len Scannell, St. Lawrence O'Toole's Church Oakland, California.

Official welcome: Welcome from host association by Chairman Clifford A. Wagoner, president, GCSA of Northern California and superintendent, Del Rio Golf and Country Club, Modesto, California.

Response to welcome and official opening of conference, Walter R. Boysen, president, GCSAA and superintendent, Sequoyah Country Club, Oakland, California.

"World food supply," Dr. Harold E. Myers, dean of College of Agriculture, University of Arizona.

"Wisdom and fun," Dr. Harvey C. Hahn, pastor, Otterbein Evangelical United Brotherhood Church, Dayton, Ohio.

SECOND EDUCATIONAL ASSEMBLY Monday, February 19, 1968 1:30-4:30 P. M.

"Golf course beautification"

Chairman: James W. Wilson, first vice president, Men's Garden Clubs of America.

"The front door," Warren A. Bidwell, superintendent, Philadelphia Country Club, Gladwyne, Pennsylvania.

"The effects of temperature and light on vegetative growth," Dr. Victor B. Youngner, associate professor of agronomy, University of California, Riverside, California.

"Water usage," Dr. S. J. Richards, professor and soils physicist, University of California, Riverside, California.

"Root competition between trees and turf," Carl E. Whitcomb, research associate, Department of Ornamental Horticulture, University of Florida.

"The superintendent and his other hats".

1. "Swimming pools," J. Henry Mohr, president, Nor-Cal Engineering Company, Redwood City, California—representing National Swimming Pool Institute.

2. "Tennis courts," Dennis Van Der Meer, tennis professional at the Berkeley, California Tennis Club—representing United States Lawn Tennis Association.

3. "Curling," David Gourlay, superintendent, Thornhill Country Club, Thornhill, Ontario, Canada.

THIRD

EDUCATIONAL ASSEMBLY Tuesday, February 20, 1968 2:00-4:30 P. M.

"Advancing technology"

Chairman: Dr. James Watson, director, Agronomy Division of Toro Manufacturing Company, Minneapolis, Minnesota.

"The witches brew" (Skit-author anonymous) Cast of Characters:

Tom Leonard, past director GCSAA, Watson Distributing Company, Houston, Texas—(Superintendent doing things wrong). Gene Buckholt, Watson Distributing Company, Houston, Texas, (Doing things the proper way).

"Hinkley and Bruntley" chem-

ical news analysis.

1. Stan Frederiksen, manager, turf products, Industrial Chemical Division, Mallinckrodt Chemical Works, (giving cues) with

2. Dr. John L. Weihing, professor, Plant Pathology, University of Nebraska, (explaining problems).

"Proper chemical application," Mr. John P. Dunlap, superintendent, Oakwood Country Club, Cleveland, Ohio.

FOURTH EDUCATIONAL ASSEMBLY Wednesday, February 21, 1968 9:00-11:00 A. M.

Public golf course operators clinic* Introduction: Ben J. Chlevin executive director, Golf Course Superintendents Association of America.

- 1. "Trends in golf course development," Col. Harry C. Eckhoff, director Eastern Region, National Golf Foundation.
- 2. "Golf courses for the public," Richard Haskell, director of golf, City of Seattle, Seattle, Wash.
- 3. "Golf course planning and economic feasability studies," William H. Sherman, Sherman and Associates.

4. "Public golf course management," Nick Lombardo, Del Monte Lodge, Monterey, California.

5. "Adequate records for good control and budgeting," Richard A. Sincerbeau, Ellis, Arndt & Truesdell, Inc.

Small engine clinic *

Introductory Presentations by Manufacturers' Representatives.

Presenting Problems of Manufacturers: Roger Thomas, Jacobsen Manufacturing Company, Thomas E. Ames, Toro Manufacturing Company and Marvin T. Elstad, Ryan Equipment Company.

Demonstration Clinic on twocycle and four-cycle engines conducted by: Kenneth Weill, Jacobsen Manufacturing Company, James J. Holsen, Kohler Company and B. H. Robinson, Wisconsin Motor Corporation.

Concluding with a panel discussion by all participants.

*Clinics run concurrently.

FIFTH

EDUCATIONAL ASSEMBLY Thursday, February 22, 1968 * Morning Session 9:00-12:45 P.M. "The green"

United States Golf Association Introductory remarks, representative, USGA Green Section Committee.

"The putting green—focal point of golf." What the golfer expects the putting green to be.

"Putting green design." Please the golfer—ease maintenance.

"The ABC's of putting green construction," USGA movie.

"Green construction techniques and materials," panel discussion.

"Grasses for putting greens," The More Popular Strains, their requirements and peculiarities—bentgrasses, bermudagrasses, species for overseeding.

"Turf establishment," seeding, stolonizing, bringing golf greens into play.

Panel discussion.

Afternoon Session 2:00-4:00 P. M.

"Maintenance of greens-how, why, when."

Panel Discussion:

Mowing (height, frequency, techniques), vertical mowing, cultivation (aerifying, spiking, slicing, forking), topdressing, fertilizing, control of weeds, insects, diseases,



irrigation, ball mark repair, cup changing techniques, minimizing traffic damage.

*Fifth and Sixth Assemblies run concurrently.

SIXTH

EDUCATIONAL ASSEMBLY Thursday, February 22, 1968 Morning Session 9:00-11:45 A.M. "Irrigation clinic"

Chairman: Herman R. Johnson, GCSAA director, co-chairman Educational Committee, and superintendent. Ouail Creek Golf and Country Club, Oklahoma City, Oklahoma.

"Primary considerations." Do you need to irrigate? Do you have enough water to irrigate? Dr. A. W. Marsh, extension irrigation and soils specialist. University of California, Riverside, California.

"What kind of system does my course need? (a check list), R. R. Abernathy, Telsco Industries (Weather-Matic), Dallas, Texas,

"Primary Decisions" What is my responsibility to the club in relation to the system plans and installation? Who designs and installs the system? What qualifications must the designer and installer have? Would automation be economical on my course? Don A. Hogan, D. A. Hogan and Associates, engineers, Seattle, Washington.

"Cost analysis"

1. Southwest-Major Fred Bove. superintendent. Brentwood Country Club. Van Nuvs. California.

2. North-Jerry Murphy, superintendent. Somerset Country Club. St. Paul. Minnesota.

3. West-Edmer Easley, superintendent, Wichita Country Club, Wichita, Kansas.

"Ouestions and Answers," Panel-(all morning session speakers).

Afternoon Session 1:30-4:30 P.M. "Sprinklers," James Robinson, General Sales Manager, Skinner Irrigation Company, Troy, Ohio "Pipe," A. W. Perry, Baton

Rouge, Louisiana.

'Controls'

"Timers," Jack Nees, Moody Sprinkler Company, Arcadia California.

"Hydraulic valves and tubes," Ierry Rossiter, assistant to president, Buckner Industries, Inc., Fresno, California.

"Electric valves and wires." Ed Shoemaker, sales manager, Rainy Sprinkler Sales, Peoria, Illinois.

"Pump Stations," Dr. John F. Schrunk, irrigation consultant, Schrunk's Agricultural Service, Arvada, Colorado.

'Programming and maintenance," James M. Kaufman, marketing manager, Moist O'Matic Sprinkler Division, Toro Manufacturing Company, Minneapolis, Minnesota.

SEVENTH EDUCATIONAL ASSEMBLY Friday, February 23, 1968 9:00-11:30 A. M.

Chairman: Richard Malpass, pres-

"What-another problem?"

ident, Northwest Turfgrass Association, secretary, Evergreen GCSA, superintendent, Shadow Hills Country Club, Eugene, Ore.

"Golf turf-good turf, weather or not!" Arthur F. Gustafson, Meteorologist-in-charge, San Francisco Weather Bureau.

"Rhizome initiation and development of kentucky bluegrass as influenced by variety, day length, and cold treatment," Dr. Lowell Moser, Ohio State University.

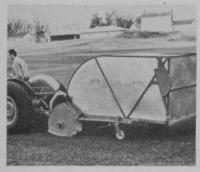
"Helicopter spraying"-tomorrow or today?" Mr. Charles Dupont, Clarke Outdoor Spraving Company, LaGrange, Illinois.

"Maintenance buildings that work For you," Oscar Miles, superintendent, Olympia Fields Country Club, Olympia Fields, Illinois,

Invitation to Miami Beach, Florida, 1969, by South Florida GCSA

Closing Remarks: Herman Johnson, co-chairman Educational Committee, director GCSAA, superintendent Quail Creek Country Club, Oklahoma City, Oklahoma.

VEVV PRODUCTS



Ryan Equipment Company have announced their new Ryan Grounds Groomer (GG60-1). It prepares turf for overseeding, sweeps, picks up and deposits debris into its hopper. It uses the principle of free-swinging, high speed blades as a safety feature.



Bridgeport Implement Works, Inc. have disclosed their new Pixtone, the mechanical stonepicker. It is capable of picking stone from three-fourths inch up to a nine inch diameter to any controlled depth to four inches. Over-size stone can also be picked up with this new machine.



West Point Products Corporation has come out with its new Mini-Truck (R) grounds maintenance personnel/cargo carrier vehicle. It was designed specifically for grounds maintenance crews providing 16 cubic feet of cargo space. It features one-man ramp tail-gate loading.



1 6

Highlights For Week of GCSAA Show

Sunday, February 18 4:00 P.M. Teakwood B

Association Planning Committee meeting

6:00 P.M. Walnut Room

Association Planning Committee reception and dinner

Monday, February 19 8:00 A.M. Walnut Room

Quarter Century Club breakfast 9-11:45 A.M. Continental Ballroom First Educational Assembly

11:45 A.M. Toyon Room

Press and speakers reception 12:30 P.M. Walnut Room

Press and speakers luncheon 12:30 P.M. Teakwood B

Chapter editors luncheon 1-3:00 P.M. Continental Ballroom Parlor 9

Advisory Committee meeting 1:30-4:30 P.M. Continental Ballroom Parlors 5 and 6

Second Educational Assembly 6:30 P.M. Continental Ballroom Get acquainted party

Tuesday, February 20 8:00 A.M. Walnut Room Past president's breakfast 9:00 A.M.

Official opening of exhibits 11:00-12:00 Noon Continental Ballroom Parlor 9

Delegates meeting

12:00 Noon Continental Ballroom Parlor 7

Greens Chairman reception and luncheon

2:00-4:00 P.M. Continental Ballroom Parlors 5 and 6

Third Educational Assembly 3:00-5:00 P.M. Continental Ballroom Parlor 9

Advisory Committee meeting Wednesday, February 21 7:45 A.M. Continental Ballroom Parlor 7

Industrial Relations Committee breakfast

9:00-11:00 A.M. Continental Ball-room Parlor 5

Fourth Educational Assembly
''Clinics''—Public course operators
clinic

9:00-11:00 A.M. Continental Ballroom Parlor 6

Fourth Educational Assembly ''Clinics''—Small engine clinic

11:30-12:30 P.M. Continental Ballroom Parlor 7

Delegates meeting

12:00 Noon Continental Ballroom Parlor 8

Father, son and son-in-law luncheon

1:00 P.M. Continental Ballroom Parlors 5 and 6

Annual Meeting—Election of officers

Thursday, February 22 9:00-4:00 P.M. Continental Ballroom

*Sixth Educational Assembly— Irrigation Clinic 9:00 A.M.-4:00 P.M.

*Fifth Educational Assembly—

*Run concurrently

12:00 Noon Continental Ballroom Parlor 7

Chapter Secretaries luncheon
7:00 P.M. Continental Ballroom
Annual banquet

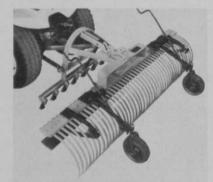
Friday, February 23 9:00 A.M.-11:30 A.M. Continental Ballroom

Seventh Educational Assembly

NEW PRODUCTS



Roseman Mower Corporation has developed a new hydraulic transport Lo-Cut mower, designed primarily for mowing trees and collars or aprons around greens. The high speed, 10 blade reel gives a one-half inch frequency of cut, with a low setting height of three-eighths inch.



York Modern Corporation presented their new rake unit for category 'O' 3-point hitch tractors. The model RS combines a scarifying, blading and raking in one compact tractor-rake combination. It removes stones and debris and also spreads topsoil.



H. D. Hudson Manufacturing Company now has a tandem wheel set for power sprayers, designed to prevent wheel marks on the turf. The set distributes and spreads the weight of the sprayer over a wide area, thus carrying the load on top of the turf. The sets are available separately or as original equipment on either 100, 150 or 200 gallon sprayers or sprayer trailers.



GCSAA List of Exhibitors

COMPANY (BOOTH)

AGRICO CHEMICAL CO. (110) Carteret, N.J. D. A. Brogan, Division Manager Fertilizers for tees, fairways and greens. Water soluable plant food.

ALFCO ROKEBY CO., INC. (123)

Marietta, Ohio

E. Whitaker, President. Fungicides, herbicides, insecticides, wetting agents, liquid fertilizers, soluble fertilizers. AMERICAN RESEARCH CORP. (602) Toledo, Ohio

ANDERSON PEAT CO. (615) Pontiac, Michigan AQUA-DIAL (315-16) P. O. Box 1325 Newport Beach, Cal

J. M. "Joe" Wampler, General Manager.
Controllers, sprinkler heads and valves.
AQUATROLS CORP. OF AMERICA (223)
217 Atlantic Ave.

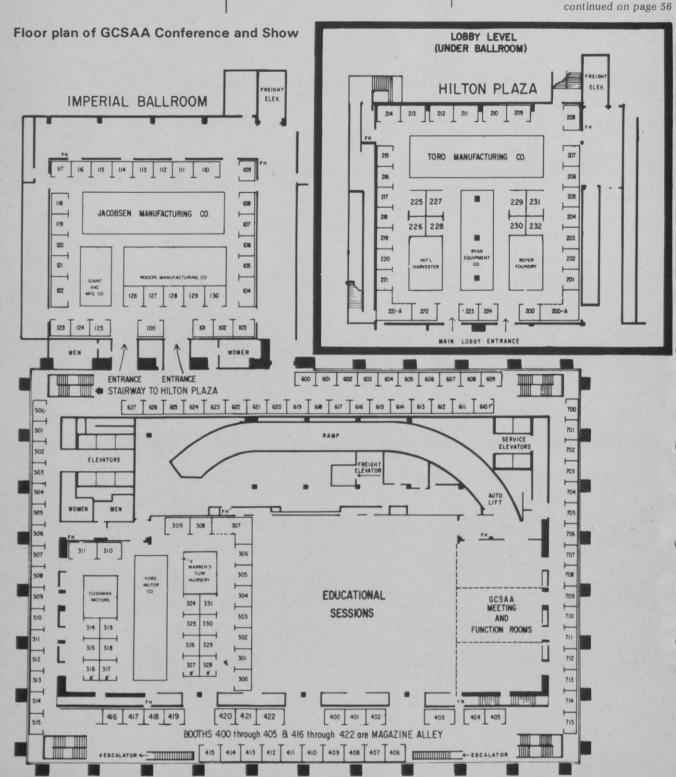
Camden, N.J.

Robert A. Moore, President. Aqua-Gro, Aqua-T, Aqua-Gro granular, Stoma-

AUTO-CONTROLLERS INC. (512) Denver, Colorado AUTOMATIC IRRIGATION CO. (616) Inglewood, California

JOHN BEAN EASTERN DIV. (209) 1305 S. Cedar St. Lansing, Mich William Slade, Distric Sales Manager.
John Bean sprayers and turf equipment.
BOLENS DIVISION-FMC CORP. (213-214)
Port Washington, Wisconsin F. W. BOLGIANO & CO. Washington, D.C. BORDEN CHEMICAL (414) 5100 Virginia Beach Blvd. Norfolk, Va. 23501 G. M. Schol, Area Manager. Greens and fairways fertilizer. BRIDGEPORT IMPLEMENT (500) P. O. Box 491G

Stratford, Conn.



BALLROOM

CONTINENTAL

Thomas G. Pardy, President. Pixtone mechanical stonepicker. BROYHILL CO. (415) N. Market Sq. Dakota City, Neb

Carl E. Keiser, Sales Manager; Roy F. Broyhill,

President. Spra-Mate sprayer

BUCKNER SPRINKLER CO. (106-8)

Fresno, Cal. BUNTON CO. (201-204) 4303 Poplar Level Rd. Louisville, Ky.

Herbert F. Bunton, President.
Bunton mowers and trimmers.
CAL-TURF, INC. (506)
Camarillo, California

CARLON PRODUCTS CORP. (705) Cleveland, Ohio

H. F. Vandervoort, Sales Mgr. V. P.; J. V. Head, Regional Mgr. West Coast. CAST IRON PIPE RESEARCH (625)

Chicago, III.
CERTAIN-TEED PRODUCTS (301-2) Lea Building

Ambler, Pa. Certain-Teed Fluid-Tite asbestos-cement irrigation pipe

CERTIFIED LABORATORIES (103) P. O. Box 2493 Ft. Worth, Tex.

Fertilizers, weed killers, penetrating agents, chelated irons, turf chemicals.
CHAMPION CO. (100)

400 Harrison St. Springfield, Ohio

Champion Do-All trailer CHEMAGRO CORP. (624)
Kansas City, Missouri
CHIPMAN CHEMICAL CO. (210-11)

Bound Brook, N.J. W. A. CLEARY CORP. (223) Box 749

New Brunswick, N.J. Cleary products for turf-PMAS, Caddy, Thimer, Methar, MCPP, Spotrete, Allwet, Clear-Spray.
CLIPPER MANUFACTURING

CO. (412-413) Grandview, Missouri CLORO-SPRAY CORP. (317) Philadelphia, Pa. ELI COLBY CO. (505)

Lake Mills, Iowa COLUMBIA CAR CORP. (209) P. O. Box 336

Charlotte, N.C. Aubrey Wright, Sales Manager. New Empire Line Pargo service/personnel cars. CONTAINER DEVELOPMENT (118-120)

Watertown, Wis. Lewis line tee station, ball washers, flags, poles, tee and green equipment.

COOPER MFG. Co. (808) 411 S. First Ave. Marshalltown, Iowa

R. L. Kerkering, Sales Manager. Copper Champion greensmower, Cooper power mower.

CUSHMAN MOTORS DIV. (Island Space "K") Lincoln, Neb.

Atlee Stephan, Sales Manager

Utility turf vehicles and personnel work cars for use at golf courses. Golf cars.

CYCLONE SEEDER COMPANY, INC. (605)

Urbana, Indiana DIAMOND ALKALI CO. (313) Cleveland, Ohio 44115 E. I. DU PONT DE NEMOURS (112-113)

1007 Market St

J. W. Lewis, Product Manager.
"Uramite" ureaform fertilizer, "Tupersan" siduron weed killer, "Tersan" 75 and "Semesan" thiram and turf fungicides, "Tersan" OM turf

EAGLE-PICHER INDUSTRIES, INC. (600) Cincinnati, Ohio

ELANCO PRODUCTS CO. (626)

Indianapolis, Ind.
Pre-emergence herbicides: "Balan" (bengfin)
"Dymid" (diphenamid) "Treflan" (trifluralin). ENCYCLOPEDIA BRITANNICA, INC (513)

Chicago, Illinois E-Z-GO CAR DIV. TEXTRON, INC. (200-200A) Augusta, Ga. FEBCO, INC. (111) Sun Valley, Cal. FOLEY MFG. CO. (504) 3300 N. E. Fifth St. Minneapolis, Minn.

R. D. Nygaard, Sales Manager. New lawn mower grinder, new chain saw grinder, lawn mower lapping machine.

FORD MOTOR CO. (Island Space "L") 2500 E. Maple Rd.

Birmingham, Mich. 3400 tractor w/730 loader and rear blade, 4110 log tractor w / 1200 loader and flail mow 3100 tractor w/box scrapper, three Ford lawn and garden tractors w/mowing attachments available.

FORE-PAR MFG. Co. (109) 2079 Broadway Laguna Beach, Cal.

Tee to green golf course accessories, including new "Individuality Line".

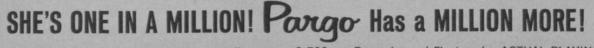
FORMOST CONSTRUCTION (607) Venice, California GIANT-VAC MFG. CORP. (Island Space "B") South Willington, Conn. **GRISWOLD CONTROLS (507)** Costa Mesa, California HARDIE SPRAYERS DIV. (130)

4200 Wissahicken Ave. Philadelphia, Pa. "New Breed of Cat" high pressure sprayer.

HARLEY-DAVIDSON MOTOR CO. (220-21) 3700 W. Juneau Ave. Milwaukee, Wis.

Gasoline and electric golf cars.

Continued on page 58



Over 1,000,000 riders each year "team test" our own 2,500 car Pargo Leased Fleet under ACTUAL PLAYING CONDITIONS to give YOU the finest Golf Cars built REGARDLESS OF HOW MUCH MORE SOME OTHERS MAY COST! Pargo's own Leased Fleet tests and proves every new improvement under EVERY POSSIBLE CONDITION in actual daily operation. Our "Team Tested" fleet stretches from the dry heat of the Southwest to the cool shores of Lake Michigan... from the highest courses in Eastern America to the sea level courses of the Florida Keys.

Our Million Man "Test Team" assures you that you are getting the ultimate in performance when you buy THE Quality Golf Car . . . PARGO!



HAYS MANUFACTURING CO. (514-15) Erie, Pennsylvania HERCULES, INC (229) 910 Market St.

Wilmington, Del. Nitroform plant food, Azak pre-emergence crab-

grass control. H. D. HUDSON MFG. CO. (218-19) 589 E. Illinois St.

Chicago, III.

D. H. Anderson, Asst. Sales Manager-power sprayers, A. T. Ankeny, Western Div. Mgr. Sprayers and dusters.

INTERNATIONAL HARVESTER

Chicago, III.
IRRIGATION TECHNICAL SERVICES (604)
Berkeley, California
JACOBSEN MFG. CO. 1721 Packard Ave. Racine, Wis. 53403 E. A. Jacobsen, President.

E. A. Jacobsen, President.

New greens mower w/solid-state magneto; 21"
power-propelled commercial rotary mower; E-10
hydraulic lift mowing tractor; 84" Turf King.

JOHNS-MANVILLE (227-28)

New York, N.Y.

KOHLER CO. (304-305A)

Kohler, Wis.

LARCHMONT ENGINEERING

& FNGINFFRING INC & ENGINEERING INC.

Larchmont Lane Lexington, Mass. 02173 Phil Tropeand, Vice President. Irrigation pipe, irrigation sprinklers, controllers,

complete systems.

LELY LTD. (627)
P. O. Box 5023

Burlington, Ontario, Canada

Michael P. Shore Lely precision broadcasters.
LINDIG MFG. CO., INC. (225-26)
1875 W. County Rd. "C"
St. Paul, Minn.

Frank J. Lindig, Jr. President.

Lindig soil processing equipment. LOAMITE CORP. (510) San Francisco, California LOCKE MFG. COS. (407)

Bridgeport, Conn.
MALLINCKRODT CHEMICAL (310-11)
3600 N. Second

3600 N. Second
St. Louis, Mo.
Turf fungicides and pre-emergence herbicide.
MASSEY-FERGUSON (325-30)
Des Moines, Iowa
MILBRADT MANUFACTURING
INC. (709-710)
Janesville, Wisconsin
MILWAUKEE SEWERAGE
COMMISSION (300)
P. O. Box 2079
Milwaukee. Wis

Milwaukee, Wis. Charles G. Wilson, Sales Mgr. Agronomist. Milorganite

MONSANTO CHEMICAL CO. (701-02) New York, New York MOODY SPRINKLER CO. (121)

Arcadia, Cal.

SAM MULKEY CO. (408)
Lee's Summit, Missouri
E. E. MYERS & BRO. CO. (622-23)
400 Orange St.

Ashland, Ohio

Myers 6310-4ET2 "Pillows of Air" golf power

sprayer.
NATIONAL CHEMSEARCH CO. (231)

Irving, Tex. NATIONAL MOWER CO. (618)

NATIONAL MOWER CO. (618)
St. Paul, Minn.
OCCIDENTAL CHEMICAL CO. (511)
Oakland, California
PAR AIDE PRODUCTS CO. (126-129)
296 N. Pascal St.
St. Paul, Minn.

St. Paul, Minn.
Golf course greens and tee accessories.
PAX CO. (232)
Salt Lake City, Utah
PEN-GRO SALES CO. (509)
South San Francisco, California
PENNINGTON MFG. CO. (305 B-06)
Lombard, III.
PLANT MARVEL LABS (303)
624 W. 119th
Chicago, IIII

Chicago, III.

J. D. Slater, President. Bent Special, Lawn Marvel, Plant Marvel, Garden Marvel, Cal-Mag water soluble fertilizers.
PRINCETON TURF FARMS, INC. (208)
Centerville, Md., Cranbury, N.J.,
Kansas City, Mo.
RADIO RAIN, INC. (617)
Stamford, Connecticut
RAIN-O-MAT SPRINKLERS (411) Whittier, Cal.

Bern Stonehouse. RAINY SPRINKLER SALES (205-07) 7719 N. Pioneer Lane Peoria, III.

John McCavitt, General Manager. Golf course watering equipment, model golf course with automatic watering.

ROGERS MFG. CO.

(Island Space "C" & "D")

220 N. Mahaffie St.

Olathe, Kan. Roy H. Rogers, President. Rogers turf sweepers, Rogers aerification and

thatching equipment.

ROSEMAN MOWER CORP. (318-19)
2300 W. Lake Ave.
Glenview, III.

James E. Hoffman, President.

Roseman gang mowers.

ROYER, INC. (Island Space "J")

158 Pringle

Kingston, Pa.

W. P. Dickinson, Sales Manager. Line of soil shredder-mixers and powerscreens.

RYAN EQUIPMENT CO.

2055 White Bear Ave.

St. Paul, Minn.

Earl W. Nystrom, President. Large area turf renovator, turf aerator, sod roller,

top dresser, fairway groomer.
O. M. SCOTT & SONS CO. (101-2) Marysville, Ohio Geroge Horn, Department manager.

Turfgrass fertilizers, pesticides and mechanical equipment SEED TECHNOLOGY (409)

Marysville, Ohio
S. I. P. GRINDING MACHINE
Lansing, Mich.
SKINNER IRRIGATION CO. (308)
110 E. Canal St. Troy, Ohio

Troy, Ohio
Sprinkler irrigation products.
SMITH BLAIR, INC. (610)
South San Francisco, California
SMITHCO, INC. (410)
Wayne, Pennsylvania
SOD MASTER CORP. (104-5)
Minneapolis, Minnesota
SOILMOISTURE EQUIPMENT CORP. (700)
Santa Barbara, California
SPRINKLER IRRIGATION (759)
Royal Oak. Mich.

Royal Oak, Mich.
STANDARD MFG. CO. (215-217)
220 E. 4th St.
Cedar Falls, Iowa
"Standard" golf course equipment.
STAUFFER CHEMICAL CO. (508)
New York N

New York, N.Y.
STEVENS APPLIANCE TRUCK CO. (212)

EVENS APPLIANCE TRUCK CO. (2:
Augusta, Georgia
SWIFT AND COMPANY (606)
Los Angeles, California
TELSCO INDUSTRIES (406)
Dallas, Texas
THOMPSON MFG. CO. (501-503)
2251 E. 7th St.

Los Angeles, Cal.

Underground sprinklers, automatic controls.
THOMPSON-HAYWARD
CHEMICAL CO. (501-3)
Fresno, California
THURON SPRAYER MFG. CO. (224)
Dallas, Tex.
TORO MFG. CORP.
8111 Lyndale Ave.

Minneapolis, Minn. Greensmaster, 70" Professional, Super Pro and Moist O'Matic sprinkler equipment. TUCO PRODUCTS CO. (122)

7171 Portage Rd. Kalamazoo, Mich.

Acti-dione turf fungicides.
TURF VAC (221A)
Long Beach, California
THE VANDERMOLEN CO. (619-21) North Caldwell, N.J.

VELSICOL CHEMICAL CORP. (124-5) 341 East Ohio St. Chicago, III.

Continued on page 60

HERE ARE YOUR **BUCKNER PROFESSIONALS**

ALABAMA

McGowin-Lyons Hardware & Supply Company Mobile (205) HE 2-8721

ARIZONA Keenan Pipe and Supply

Co.
Tucson (606) 792-3000
Turf Irrigation & Water
Works Supply
Phoenix (602) 276-2451

ARKANSAS Capital Equipment Co. Little Rock (501) FR 2-7115

CALIFORNIA American Sprinkler & American Sprinkler & Supply
Los Angeles (213) 223-2424
Controlled Irrigation
Fresno (209) 222-4843
Emerald Irrigation Supply

Emerald Irrigation Supply Co.
Salinas (408) 422-9026
Ewing Turf Products
San Leandro (415) 357-9530
Ewing Turf Products
Sacramento (916) 922-5618
Irrigation & Plumbing
Sunnly Supply Santa Maria (805) WA 2-3512

Kern Turf Supply, Inc. Bakersfield (805) FA 7-4048

COLORADO

Colorado Western Distributing Co. Grand Junction (303) 242-0556 The Warner Company, Inc. Denver (303) FL 5-7371

CONNECTICUT **Hartford Equipment** Company Hartford (203) JA 7-1142

FLORIDA Russell Daniel Irrigation Co. Hialeah (305) 888-6901 Hector Turf & Garden

Hector Turf & Garden Supply Miami (305) OX 1-8800 Peninsular Supply Company Fort Lauderdale (305) 524-3611 Southern Mill Creek Products
Tampa (813) 626-2111

GEORGIA **Russell Daniel Irrigation** Athens (404) LI 6-0168

ILLINOIS Sprinkler Irrigation Supply Glen Ellyn (312) 469-8730

INDIANA Sprinkler Irrigation Supply Glen Ellyn, III. (312) 469-8730

KENTUCKY Irrigation Supply Company Louisville (502) 585-4840

MARYLAND

Lewis W. Barton Company Simpsonville 531-5051 MASSACHUSETTS

The Clapper Company West Newton (617) BI 4-7900

MICHIGAN Sprinkler Irrigation Supply Royal Oak (313) LI 8-7272

MINNESOTA Milsco Engineering Inc. Minneapolis (612) 724-3655 MISSOURI

Bechmann Distributing Company St. Louis (314) WY 3-4490 A. E. Robison, Inc. Kansas City (816) BA 1-3990

NEBRASKA Big Bear Equipment, Inc. Omaha (402) 393-2220

NEVADA Arlington Nursery Reno (702) FA 3-4463 Las Vegas Fertilizer Co., Inc. North Las Vegas (702) 649-1551

NEW JERSEY Lewis W. Barton Company Haddonfield (609) HA 9-6500 Halco Chemical Company Kenilworth (201) BR 6-3298

NEW MEXICO Albuquerque Chemical Company Albuquerque (505) 247-2321

NEW YORK Grassland Equipment & Irrigation Latham (518) ST 5-5841 Halco Chemical Company Glen Head, L. I. (516) OR 6-2727

NORTH CAROLINA E. J. Smith & Sons, Co. Charlotte (702) 333-4141

Sprinkler Irrigation Supply Covington (513) 473-7567

OKLAHOMA Southwest Irrigation Company Tulsa (918) NA 7-7272

OREGON

United Pipe & Supply Co. Eugene (503) 688-6511 United Pipe & Supply Co. Portland (503) 281-0058

TENNESSEE Ernest Hardison Seed Co. Nashville (615) AL 6-2659 Uticon Co., Inc. Memphis (901) 391-9093

TEXAS Goldthwaite's of Texas,

Inc.
Dallas, Fort Worth,
Houston, San Antonio
Momsen, Dunnegan, Ryan
El Paso (915) 533-1621
Gifford-Hill Tubing
Lubbock (806) PO 3-0404

UTAH Conely Company Salt Lake City (801) HU 4-5208

VIRGINIA

R. P. Johnson Sons, Inc. Wytheville (703) 228-2136

WASHINGTON Polson Company Seattle (206) MA 2-2891 Polson Company Spokane (509) FA 7-9571

WEST VIRGINIA Young Feed and Seed Co. Charleston (304) DI 2-2104

WISCONSIN Sprinkler Irrigation Supply Glen Ellyn, III. (312) 469-8730

CANADA Pacific Irrigation Ltd. Vancouver (604) 682-6132

Bandane pre-emergent crabgrass herbicide, chlordane insecticide, Velsicol 2-1 fungicide, Memmi. 8EC fungicide, Pestmaster methyl bromide fumigant, Banvel herbicides.

VERSAL, INC. 1626 Werwinski St South Bend, Ind. 46628
David A. Metcalf, Executive Vice President. Viking golf cars.

VIKING MFG. CO. (314) Manahatten, Kan.

W. N. Holle, Sales Manager. Viking Roller Blade

VINELAND CHEMICAL CO. (309) W. Wheat Rd. Vineland, N.J.

Robert W. Billett. Turf chemicals, herbicides, fungicides. VITAMIN INSTITUTE (609) North Hollywood, California WARREN'S TURF NURSERY (Island Space "M") 8400 W. 11th St. Palos Park, III.

Ben O. Warren, Duane Blake, Guy Catchpole,

Patrick Flegg.
Warren's SOD, stolons, Ransome mowers.
WEATHER-MATIC SPRINKLER DIV. (8) P. O. Box 18205

Dallas, Tex.
Edward T. Jackson, West Coast Sales Manager.
Weather-matic turf irrigation systems, controllers, valves, rotary sprinkler heads.
WEST POINT PRODUCTS (114-117)

West Point Pike West Point, Pa. Thomas C. Mascaro, President. Mini-Truck, powered and tractor-drawn Aerifiers, Verti-Cut mowers, Verti-Groovers, powered Dragmat, powered Spiker. WESTINGHOUSE ELECTRIC CORP. (307)

Redlands, California

WISCONSIN MOTOR CORP. (601)
Milwaukee, Wisconsin
WYANDOTTE CHEMICALS CORP. (324) Wyandotte, Mich. YORK MODERN CORP. (222) Unadilla, N.Y. 13849 George Freer, Sales Supervisor. Rakes for soil working.

continued from page 36 CLUB CAR DIVISION of Stevens Appliance Truck Co. P. O. Box 897 Augusta, Ga. 30903

Mr. W. P. Stevens, Jr., Secretary-Treasurer. Electric golf cars.

COLFAX IND.

550 Getty Avenue Clifton, N.J. 07013 Frank Wasserman, Vice President. COLUMBIA CAR CORP.

220 Dalton Avenue Charlotte, N. C. 28201 Mr. Aubrey H. Wright, Sales Manager. GEORGE COOK, LTD. 6310 Southwest 65th Avenue

Miami, Florida 33143 Mr. George Cook, President. Mr. Dino, Foxcraft blouses, Universal sweaters, Slovin ladies' shorts and slacks, McChesney hats, Jerks socks and sportswear, Thomson men's slacks and shorts, Enro shirts and sportswear, custom made jackets, slacks and suits

Exotic Imports, Mr. Thomas Ladies Coordinates. H. COSTER ELECTRIC CAR CO. 4499 W. Minnesota Indianapolis, Ind. Harley G. Coster, Board Chairman. Rebuilt golf and industrial vehicles. OTEY CRISMAN PUTTER CO. 205 Faulk Avenue South Selma, Alabama 36701

Mr. Otey Crisman, Owner. Handcrafted golf putters. CROSTON of BOSTON, INC. 72 Summer St. Boston, Mass

William W. Croston, President. Blazers, sportcoats, custom made crests, ties.
CUSHMAN MOTORS

DIVISION-OUTBOARD MARINE CORP.

DIVISION-OUTBOARD MARINE CORP.
920 North 21st Street
Lincoln, Nebraska 68501
Mr. Atlee Stephens Jr., Sales Manager.
Electric and gasoline golf cars.
BERT DARGIE GOLF COMPANY, INC.
P. O. 12428
Memphis, Tenn. 38112
A. H. Dargie, Secretary-Treasurer.
DATONO PRODUCTS DIVISIONDayton Stepicil Works Co. Dayton Stencil Works Co. 111-113 E. Second St. Dayton, Ohio 45402

Mr. C. G. Jauch DERBY CAP MFG. CO 700 West Main Street

Louisville, Ky. 40202 Mr. Frank S. Cogswell, Secretary-Treasurer. DIFINI ORIGINALS INC DIFINI KNITWEAR LTD 367 Southern Boulevard Bronx, N.Y. 10454

Joe DiFini. Complete lines of men's and women's golf wear sold exclusively in golf pro shops.

DISPLAY CREATIONS, INC.

1332 Broadway Detroit, Michigan 48226 enry Y. Leopold, President.
DOUBLE EAGLE GOLF PRODUCTS 540 South 2nd Street Delavan, Wisconsin 53115 Mr. Art Aiello, Sales Manager.

DUNLOP TIRE & RUBBER CORP.
P. O. Box 1109
Buffalo, N.Y. 14240
Mr. Vaughn H. Clay, Vice President.

Sports Division

continued on page 62



dressing that ends green and fairway moisture problems. It is 99% stable - stays porous, won't compact or leach away. Absorbs 11/2 times its weight in water, releasing moisture gradually. Dialoam is processed from diatomite - it is not a clay. Won't "puddle or mud". Is lighter to handle than ordinary soil conditioners.

healthy turf? Use Dialoam. Send today for complete information and free sample.



EAGLE-PICHER INDUSTRIES, INC.

Celatom Products, Dept. G-168 Cincinnati, Ohio 45202

Visit our booth #600 at GCSAA Convention