

control of crabgrass and other for as little as \$15 an acre.*

On northern cool-season turfs, one yearly application provides effective control. On Southern warm-season turfs, where a heavier and a second application of Balan may be needed, the cost will be higher. Even so, Balan's economy makes it ideal for use on your fairways, roughs, and clubhouse grounds—areas you may have thought were too costly to treat.

All-season control: weatherproof Balan stays put. Many herbicides are very soluble in

water and subject to leaching. Rainfall or irrigation will quickly wash them out of the weed control zone. Not Balan. Balan's low solubility and unique ability to adhere to soil particles means that it stays put. Balan resists leaching, even under excessive rainfall or irrigation, to give you months of control. On warm-season turfs and in Southern areas where the growing season exceeds 4 to 6 months, an additional application may be necessary for continued control.



ELANCO PRODUCTS COMPANY:

I'd like to know more about Balan granular pre-emergence herbicide. Please send me complete technical information.

I'm interested in treating a total area of _____ acres.

I presently use a pre-emergence herbicide on _____ acres of fairway; on _____ acres of rough; on _____ acres of clubhouse grounds.

Name _____ Title _____

Establishment _____

Address _____

City _____ State _____ Zip _____



Balan is easy to use.

You'll appreciate Balan's convenient granular form. There's no messy wettable powder or spray to handle. Granules pour smoothly and won't clog equipment.

Both drop-type and rotary-type spreaders, commonly employed to apply granular herbicides and insecticides, may be used to apply Balan. However, a spreader which provides a consistently uniform distribution of granules is recommended. Use a spreader which avoids any uneven distribution or concentration of the herbicide in narrow bands and spreads the granules evenly over the area.

Balan offers a good safety margin. Balan will not injure these established turf grasses when applied as directed: perennial bluegrasses, perennial ryegrass, fescue, centipedegrass, St. Augustinegrass, Bermudagrass, zoysiagrass, and bahiagrass.

And Balan contains no poisonous arsenic, mercury, or lead. Used properly, it attacks only your undesirable grasses by killing the seeds as they germinate. It does not control established problem grasses.

Dependable, long-lasting Balan—the turf herbicide formulated for professional use. Do you want technical information or assistance? It's yours for the asking. Then watch Balan go all out, all over, all season to give you even better looking turf.

Balan™



(Balan™—benefin, Elanco)

ELANCO PRODUCTS COMPANY • A division of Eli Lilly and Company • Indianapolis, U.S.A.

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Attn: Dept. E-455

Turfgrass *continued*

fertilization. The study was conducted over a duration of 333 days at a temperature of 72° F. and a night temperature of 67° F. Nitrogen uptake rate was the most rapid for ammonium nitrate and urea. Coated (dicyclopentadiene copolymer) urea was intermediate in nitrogen uptake rate and the ureaformaldehyde (AI-55) nitrogen carrier gave a higher rate during the later stages of the study made.

The apparent recovery of applied nitrogen from the various nitrogen carriers after 333 days was highest for the coated urea and ammonium nitrate carriers with recoveries of 75 and 74 percent respectively. The recovery of urea and ureaformaldehyde will be significantly less at 59 and 41 percent respectively.

Comments: The test species used in this study was orchardgrass which is not a common component of turfs. However, this fact does not detract from the very interesting results reported concerning the efficiency of these nitrogen carriers. A major portion of the nitrogen not recovered when applied as urea was probably lost by volatilization to the atmosphere. In the case of the ureaformaldehyde it is possible that the nitrogen had not yet become available even after 333 days.

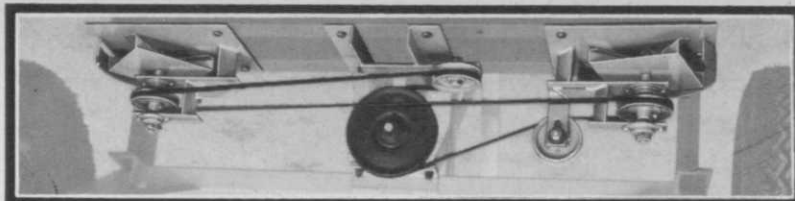
Other papers of interest

A Review of Turfgrass Research at Michigan State University.

J. B. Beard and P. E. Rieke. pp. 1-20. 1967. (Department of Crop Science, Michigan State University, East Lansing, Mich. 48823).

Can you work with *Poa annua*. N. F. Bartlett and J. Troll. Massachusetts Turf Bulletin. 4(3):5-9. 1967. (Department of Plant and Soil Science, University of Massachusetts, Amherst, Mass. 01003).

About the author—Dr. James Beard graduated summa cum laude from Ohio State University in 1957, received his Masters in turfgrass physiology and management in '59 and his PHD in '61. Since then he has been conducting a research and teaching program in the Crop Science Department at Michigan State University on environmental stress physiology of all types of turfgrasses.



NEW SINGLE-BELT DRIVE

S SPREADABILITY

for the **GREENEST** fairways ever!



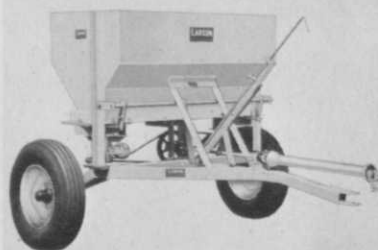
■ For greener turf from tee to putting green, the swing is to the **LARSON** line. LARSON engineering specialists have built **SPREADABILITY** into every feature of their new **SINGLE-BELT DRIVE LARSON BROADCASTER**. The LARSON BROADCASTER spreads $4\frac{1}{2}$ times more area in one trip than an ordinary spreader, covers up to 20 acres per hour! You get an even flow of material (milogranite, fertilizer or seed) with uniform spreading on turns (even the sharpest ones). An accurate spread pattern, a broad cast (up to 50 ft.) . . . all this with ease of fingertip feed control, without changing the application rate. The LARSON BROADCASTER is the ideal unit for close work around Greens, Tees, Parkways, and Club House.

■ The famous **LARSON 400 Series BROADCASTERS** are first choice of knowledgeable golf course superintendents and other professional turf men on many of the country's finest golf courses.

THE NEW LARSON BROADCASTER LINE



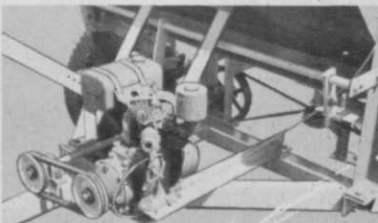
MODEL 421 TRAILER-TYPE—25 cu. ft. capacity (approx. 1 ton!) PTO powered. A real heavyweight. All features of the 411 plus **BIG CAPACITY**. Especially designed for bigger job applications.



MODEL 411 TRAILER-TYPE—15 cu. ft. capacity (approx. $\frac{1}{2}$ ton). PTO powered. An ideal unit for most applications. Rugged, easy to handle, trails well, even over rough terrain.



MODEL 413 "PIGGYBACK"—15 cu. ft. capacity. All the features of the 411 BROADCASTER. Attached to tractor by simple 3-point hook-up. Three-point hitch adapters available for all tractors.



MODELS 411G and 421G—Same models as shown above, with gas engine drives. (Engine is 960 $3\frac{1}{2}$ hp.—with 6 to 1 back gear.) Converts readily to regular drive by installing power take-off.

■ For complete specifications, Write, Wire or Call **TODAY!**

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MANUFACTURERS OF BROADCASTERS, SPRAYERS AND ACCESSORY EQUIPMENT

For more information circle number 136 on card

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."

Supers

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 en-

gines. 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 Engine-

ering 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" chemical 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 feasibility 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 two-cycle 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, Quail 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 Nuys, California.

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

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

"Questions 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," Jerry 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. Schrunck, irrigation consultant, Schrunck's Agricultural Service, Arvada, Colorado.

"Programming and maintenance," James M. Kaufman, marketing manager, Moist O'Matic Sprinkler Division, Toro Manufact-

uring Company, Minneapolis, Minnesota.

SEVENTH

EDUCATIONAL ASSEMBLY

Friday, February 23, 1968

9:00-11:30 A. M.

"What—another problem?"

Chairman: Richard Malpass, president, 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.

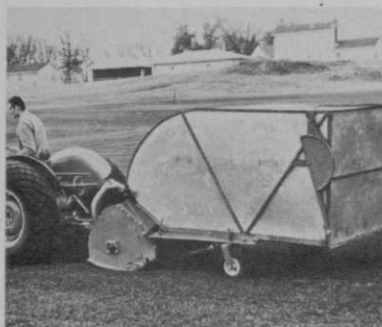
"Helicopter spraying"—tomorrow or today?" Mr. Charles Dupont, Clarke Outdoor Spraying Company, LaGrange, Illinois.

"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.

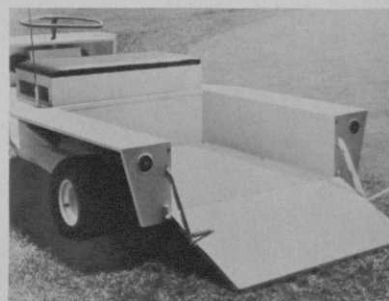
NEW PRODUCTS



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.

continued on page 28



GROUND'S GROOMER

Keeps large turf areas in tip-top condition



Renovates, removes thatch, sweeps and flail mows in one operation

The Ryan GROUND'S GROOMER attaches to a tractor equipped with a 3-point hitch and PTO. The operator can adjust blade height or depth, as well as empty the 5-cubic-yard hopper without leaving the tractor seat.

The hopper has a double steel door. At the top of the hopper is a wire screen to prevent stones, etc., from being thrown out.

Its 5-foot-swath reel is equipped with four rows of combination mowing and slicing blades. The reel can also be easily changed to all mowing blades, making it a "flail" mower.

Blade cutting ranges are from 2" into the ground for vertical slicing - to 3" above ground for rough mowing. All blades are "free-swinging" and rotate in reverse. This design creates air turbulence which blows leaves, thatch, clippings, etc., into the hopper.



The GROUND'S GROOMER picks up thatch, clippings and debris in a 5-foot path.



The operator easily empties the 5-cubic-yard hopper from the tractor seat.



Write for more information

EQUIPMENT COMPANY

2055 WHITE BEAR AVENUE, ST. PAUL, MINNESOTA 55109

Manufacturers of the world's finest turf-care equipment

For more information circle number 153 on card

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 Ballroom 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—"The Green"

*Run concurrently
12:00 Noon Continental Ballroom Parlor 7

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

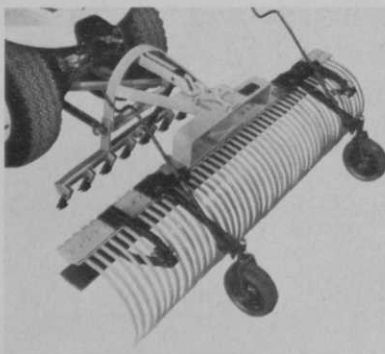
Friday, February 23
9:00 A.M.-11:30 A.M. Continental Ballroom

Seventh Educational Assembly

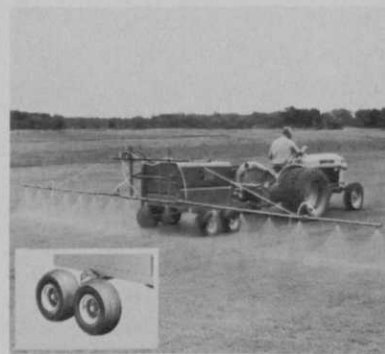
NEW PRODUCTS



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.

continued on page 30

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...#229 LOBBY LEVEL...

at the
**39TH INTERNATIONAL
TURFGRASS CONFERENCE
AND SHOW**

**FEBRUARY 18-23, 1968
SAN FRANCISCO HILTON**

Your Hercules Representative
Will Be Glad To Discuss These
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**NITROFORM®
TURF FOOD**

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LONG-LASTING

SAVES STORAGE

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Ask Your Turf Specialty Supplier For These
HERCULES* TURF PRODUCTS

NITROFORM® Turf Food

AZAK® Pre-emergence Herbicide for
crabgrass control

Granular BLUE CHIP®

**Sprayable
POWDER BLUE***

**WEED-RHAP®...
SILVI-RHAP®...
VISKO-RHAP®...**

Phenoxy Herbicides Based on 2,4-D and
2,4,5-TP (silvex) for Control of Broad-Leaved
and Aquatic Weeds



HERCULES

For more information, check at Booth #229 or write Turf & Horticultural Products, Hercules Incorporated, Wilmington, Delaware 19899

*HERCULES TRADEMARK

For more information circle number 172 on card

STH68-1

GCSAA List of Exhibitors

COMPANY (BOOTH)

AGRICOL CHEMICAL CO. (110)
Carteret, N.J.
D. A. Brogan, Division Manager.
Fertilizers for tees, fairways and greens. Water
soluble plant food.
ALFCO ROKEY 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-
Seal.
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, District 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.

continued on page 56

Floor plan of GCSAA Conference and Show

