

BOOKSTORE

Instructional and technical material
designed to aid you in your work.

- 625 - ADVANCES IN TURFGRASS ENTOMOLOGY \$24.95
- 010 - ADVANCES IN TURFGRASS PATHOLOGY \$27.95
- 665 - ARBORICULTURE: THE CARE OF TREES, SHRUBS
AND VINES IN THE LANDSCAPE \$37.95
- 340 - CONSTRUCTION DESIGN FOR LANDSCAPE
ARCHITECTS \$39.50
- 345 - COST DATA FOR LANDSCAPE CONSTRUCTION 1984
\$28.75
- 410 - DISEASES & PESTS OF ORNAMENTAL PLANTS
\$32.50
- 660 - DISEASES OF SHADE TREES \$24.50
- 800 - THE GOLF COURSE \$35.00
- 350 - HANDBOOK OF LANDSCAPE ARCHITECTURAL
CONSTRUCTION \$48.50
- 510 - HORTUS THIRD \$125.00
- 690 - INSECTS THAT FEED ON TREES & SHRUBS \$47.50
- 635 - IRRIGATION PRINCIPLES & PRACTICES \$45.95
- 395 - LANDSCAPE ARCHITECTURE \$37.50
- 300 - LANDSCAPE DESIGN: A PRACTICAL APPROACH
\$22.95
- 370 - LANDSCAPE OPERATIONS: MANAGEMENT,
METHODS & MATERIALS \$22.95
- 365 - LANDSCAPE PLANTS IN DESIGN \$55.00
- 645 - MANAGEMENT OF TURFGRASS DISEASES \$24.95
- 575 - MODE OF ACTION OF HERBICIDES \$58.95
- 545 - MODERN WEED CONTROL \$26.50
- 700 - THE PRUNING MANUAL \$15.95
- 790 - RECREATION PLANNING & DESIGN \$39.50
- 375 - RESIDENTIAL LANDSCAPES \$28.95
- 380 - RESIDENTIAL LANDSCAPING I \$22.50
- 720 - SHRUB IDENTIFICATION \$8.00
- 750 - TREE IDENTIFICATION \$10.95
- 760 - TREE MAINTENANCE \$37.50
- 640 - TURF IRRIGATION MANUAL \$22.95
- 615 - TURF MANAGEMENT FOR GOLF COURSES \$45.00
- 620 - TURF MANAGEMENT HANDBOOK \$18.00
- 110,120 - TURF MANAGERS' HANDBOOK \$28.95 hardcover,
\$23.95 paperback
- 650 - TURFGRASS MANAGEMENT \$22.95
- 630 - TURFGRASS: SCIENCE AND CULTURE \$29.95
- 565 - WEEDS \$39.95
- 570 - WESTCOTT'S PLANT DISEASE HANDBOOK \$39.50
- 405 - WOODY ORNAMENTALS \$27.00

Use
this
coupon
to place
your
order.

Mail this coupon to: Book Sales
Harcourt Brace Jovanovich Publications
One East First Street, Duluth, MN 55802

Name _____
Street Address _____
P.O. Box Number _____
City/State/Zip _____
Signature _____ Date _____
Phone Number _____
Purchase Order Number _____

Please send me the following books. I have enclosed payment* for the total amount.
Please charge to my Visa, Master Card or American Express (circle one)
Account Number _____ Expiration Date _____

BOOK NUMBER AND TITLE	QUANTITY	PRICE	TOTAL PRICE

*Please add \$3.00 per order plus \$1.00 per additional copy for
postage and handling

Please allow 6-8 weeks for delivery.
Prices subject to change.
Quantity rates available on request.

postage & handling
Total Enclosed _____
WTT/LCI

KEES™

Better lawn care products to do the job easier & faster



Model 211400

21" Commercial MOWER (Rear Discharge)

This powerful 21" mower with heavy gauge steel deck and frame is built to stand up under tough use and keep on working year after year.

- Powered by a 4 cycle, 4 h.p. Briggs & Stratton engine with flywheel brake.
- Heavy gauge steel handle.
- Special one-piece Ultra High lift blade with tempered cutting edges. Adjustable cutting heights from 1¼ to 3¾ inches.
- Equipped with regreasable double ball bearing wheels. 8 x 1.75 tires on front, 10 x 1.75 on rear.
- Special crankshaft protector.
- Dual filter air cleaner.
- Extra-large 3 bushel nylon bag grass catcher available.

Model 101528

POWERAKE®

(THATCHER)

Fold-over handle



- Rakes out thatch ■ Cleans 20" swath ■ Powerful 5 hp engine with dual filter air cleaner ■ 28 hardened steel plate, self-cleaning fingers
- Improved heavy-duty wheels ■ Raking assemblies interchangeable with aerator assembly ■ 2" single-action raking height adjustment ■ Semi self-propelled



Since 1874

Write P.O. Box 1087

F. D. KEES MFG. CO.
Beatrice, Nebraska 68310

Circle No. 133 on Reader Inquiry Card
92 WEEDS TREES & TURF/MARCH 1985



WEED CONTROL GUIDE

Regal Chemical Co.
PO Box 641
Alpharetta, GA 30201
(404) 475-4837.

Rhone Poulenc Inc.
Agrichemical Div.
PO Box 125
Monmouth Junc., NJ 08852
(201) 297-0100.

Rohm & Haas Co.
Independence Mall West
Philadelphia, PA 19105
(215) 592-3000.

OM Scott & Sons
Proturf Div.
Marysville, OH 43040
(513) 644-0011.

SDS Biotech
7528 Auburn Rd.
Painesville, OH 44077
(216) 357-3000.

Stauffer Chemical Co.
Agricultural Chem. Div.
Westport, CT 06880
(203) 222-3294.

TUCO, Upjohn
9823-190-45
Kalamazoo, MI 49001
(800) 253-8600.

Union Carbide Agricultural Products
PO Box 12014
T.W. Alexander Drive
Research Triangle Park, NC, 27709.

Uniroyal Chemical
320 Spencer St.
Naugatuck, CT 06770
(203) 723-3000.

United Agri. Products
P.O. Box 37800
Omaha, NE 68137

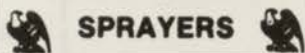
Velsicol Chemical Corp.
341 E. Ohio
Chicago, IL 60611
(314) 670-4665.

Vertac Chemical Corp.
5100 Poplar Ave.
Memphis, TN 38137
(901) 767-6851.

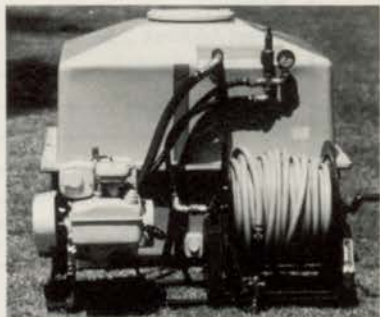
Vineland Chemical Co., Inc.
745 West Wheat Rd.
PO Box 745
Vineland, NJ 08360
(609) 691-3535.

WT&T

ANGUS



Fits in Mini and Regular Pick-up Trucks



INCLUDES:

60-, 100- or 200-Gallon Fiberglass Rounded Bottom Tank, Drain, ½-inch Belton Gear Pump or Hypro #5200 Twin Piston Pump With Surge Tank, 5 H.P. I.C. Briggs & Stratton Engine (2 Year Warranty) Hannay Reel, 150 Feet of Heavy-Duty Hose, Pulley Shield, Valve, Gauge and Heavy-Duty #36 Gun.— COMPLETE—

PRICES:

60 Gallon — Gear Pump	\$1224.95
60 Gallon — Piston Pump — 10 G.P.M.	\$1549.95
100 Gallon — Gear Pump	\$1395.00
100 Gallon — Piston Pump — 10 G.P.M.	\$1659.00
200 Gallon — Gear Pump	\$1550.00
200 Gallon — Piston Pump — 10 G.P.M.	\$1795.00

*Multiple Quantity Discounts

*Other Options and Accessories Available

PRICE. QUALITY. DESIGN...UNSURPASSED!

A Division of Arizona Power Equip. Co.
12001 N. Cave Creek Rd.
Phoenix, AZ 85020
(602) 944-5591

BROCHURE
AVAILABLE
UPON REQUEST

DEALER
INQUIRIES
INVITED

PLEASE
COMPARE

Circle No. 103 on Reader Inquiry Card

A guide to the proper grass for popular sports

The Turfperformance Team

from TurfSeed, Inc.



If you're involved in the turf industry, you'll want

Turfin' USA

Starring your favorite varieties:

Perennial Ryegrasses

Citation
Citation II
Omega
Omega II
Birdie
Birdie II
Manhattan II
CBS
CBS II
2DF

Tall Fescues

Olympic
Apache
Triathalawn blend

Kentucky Bluegrasses

Columbia
Shasta
Midnight
Challenger
Galaxy blend

Fine Fescues

Shadow
Flyer
Fortress
Waldina
Aurora
Bighorn

Creeping Bentgrasses

Penncross
Penneagle



This twelve page guide is yours for the asking.

Order your copy today!

This booklet tells you what species and varieties of grass seed are used in sports turf mixtures and blends, plus many other facts for the sports enthusiast!

Call or write



P.O. Box 250, Hubbard, OR 97032
503/981-9571 TWX 510-590-0957

Circle No. 184 on Reader Inquiry Card

A Special Offer on Dyclomec[®] Herbicide

**Save \$10 on a Gordon Spred-Rite[®] G
reusable granule spreader loaded with
Dyclomec. Read how this combination
can help you turn problem areas into
beauty spots.**

Last year we put out several hundred of our patented Spred Rite G Spreaders, filled with Dyclomec, to find out what professional groundskeepers would think about such a deal.

The response was overwhelmingly positive!

One groundskeeper said, "You know how it feels to load up your 12-gauge and go hunting for quail? That's how I feel with my Gordon spreader when it's loaded with Dyclomec, and I go after fence rows and ornamental beds."

Another one of our friends gave

us an impish grin and said, "When I take my Dyclomec spreader on a hunting trip around the landscape, I start to sing *I'm headin' for the last roundup.*"

There's just no doubt about it! You're going to love having a Gordon Spred Rite filled with Dyclomec. Surely Dyclomec is the most efficient herbicide that has ever been offered to the professional groundskeeper, and applying it with a Spred Rite actually makes it fun.

How Dyclomec Works

Dyclomec granules are spread

on the soil surface anytime except when the ground is frozen. Moisture carries the Dyclomec into the upper layer of soil and, because of adsorption, there is very little lateral movement.

Temperature and moisture activate the Dyclomec, and it radiates a herbicidal vapor barrier that continues for an entire growing season. The spent crystals disappear, leaving no residue.

In the vapor barrier no seeds can germinate, and any sprouts originating below the barrier will be killed when they try to penetrate it. Thus it is that a precise area can be kept absolutely free of any vegetation without harming desirable woody ornamentals, shrubs or trees that have deep roots extending below the vapor barrier.

If you have any questions, call us.

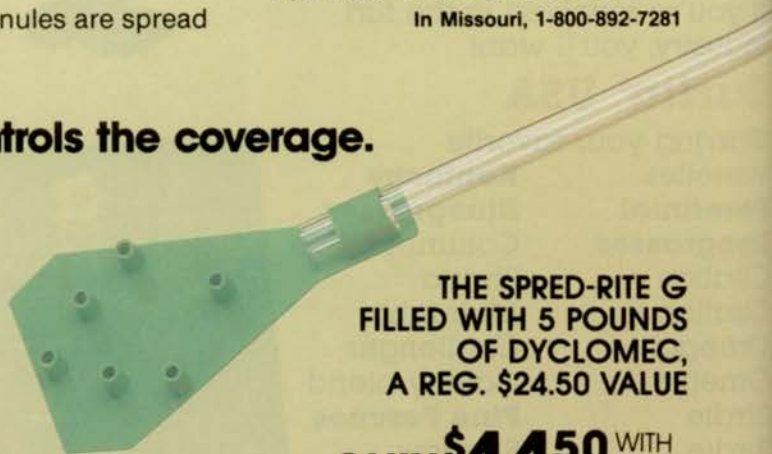
Toll-free 1-800-821-7925

In Missouri, 1-800-892-7281

How you hold the Spred-Rite[®] controls the coverage.



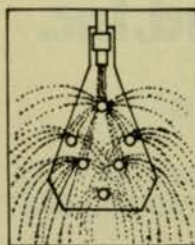
Tilt deflector head down to release granules; tilt it back to stop the flow. Adjust swath width by increasing or decreasing the distance from the ground. Adjust granule output by changing the orifice disks which are provided.



**THE SPRED-RITE G
FILLED WITH 5 POUNDS
OF DYCLOMEC,
A REG. \$24.50 VALUE**

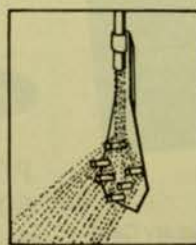
**ONLY \$14⁵⁰ WITH
COUPON**

Offer is not available west of the Continental Divide



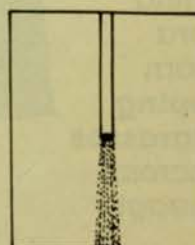
Scattered Swath

For applying Dyclomec over any broad area: in nurseries, orchards, graveled areas, around buildings. Hold spreader head parallel with the ground.



Directional Control

To apply Dyclomec along fences, roadways, ditchbanks, up to shrubs, and inside larger tree wells, point deflector toward target and adjust height from ground.



A Precise Line

Remove head for pinpoint application into cracks of driveways, along walks, around patios and in tightly circumscribed spaces. Control width by adjusting the size of the orifice.



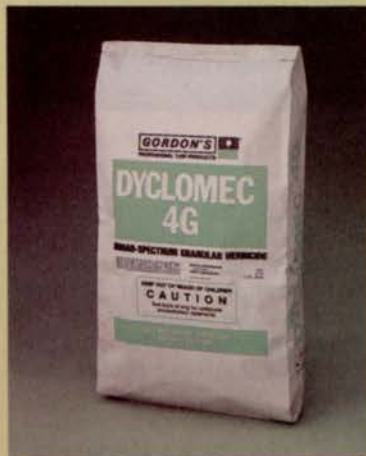
See how Dyclomec turns problem areas into beauty spots ...

The grass along the fence in the photo at left was killed with a fast-acting systemic post-emergent herbicide. Obviously, no professional groundskeeper could abide this ugly mess, so the dead vegetation has to be removed with expensive hand labor. The systemic product is recommended for lawn renovation so, naturally, vegetation will grow back as

new seeds germinate, resulting in an endless cycle of retreatment, ugly dead vegetation and more hand labor. Clean up a fence line with Dyclomec and vegetation will never again be a problem, because an annual pre-emergent application of Dyclomec will form a vapor barrier and keep the area absolutely clean.



Dyclomec's pre- and post-emergent action controls vegetation in mulch, in rose and ornamental beds, in flagstone or gravel walkways. Dyclomec's vapor barrier gives all-season weed control with maximum safety to desirable plants.



Dyclomec 4G is available in 50-lb. and 25-lb. bags. 50-lb. bags are not available in Washington, Oregon and Idaho.

\$10 Coupon on Dyclomec Spred-Rite G

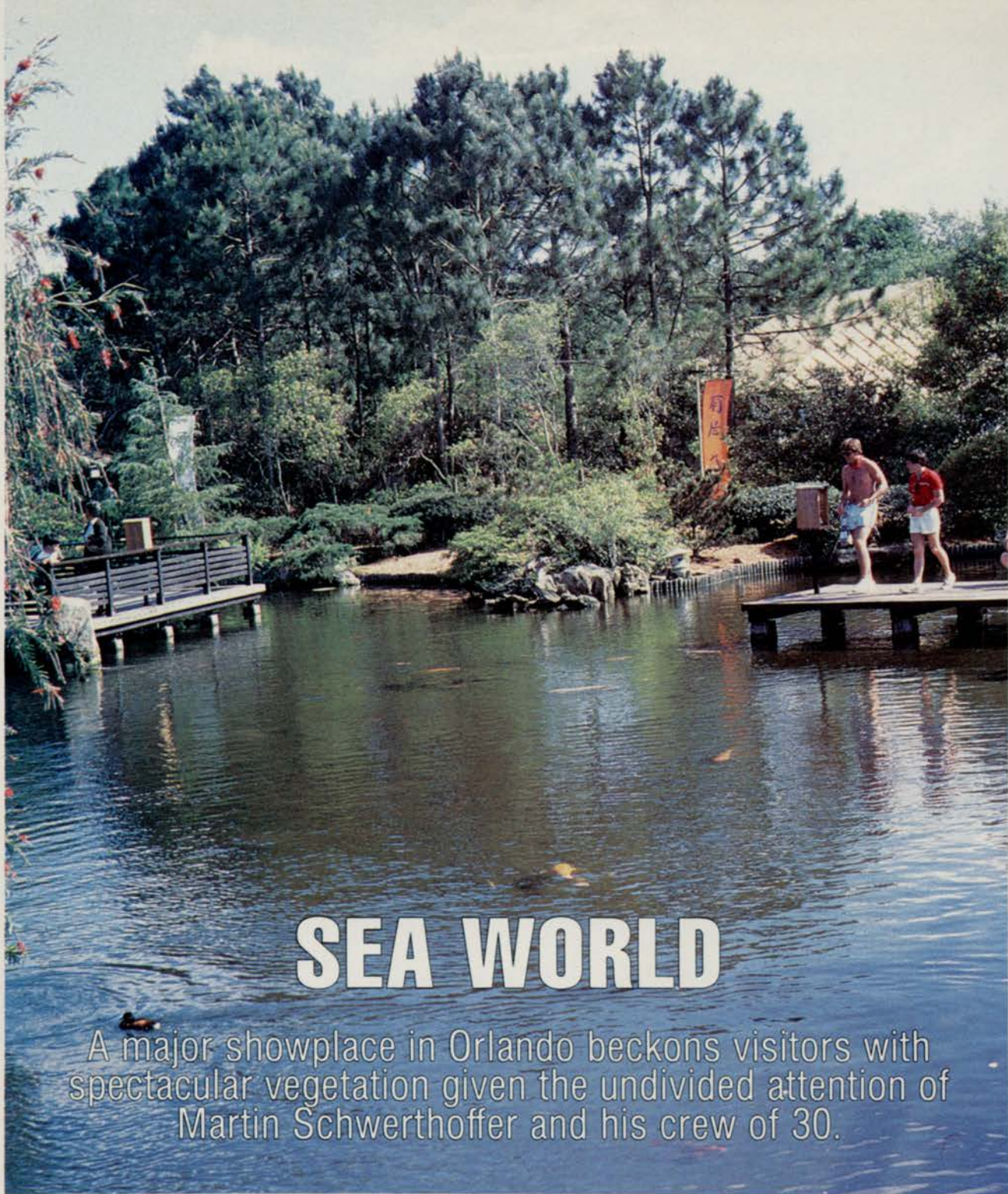
To the groundskeeper: Your Gordon distributor will redeem this coupon for \$10 when you buy a Gordon Spred Rite G filled with 5 pounds of Dyclomec.

To the distributor: PBI/Gordon will pay the face value provided you and your customer have complied with the terms of this offer. Any other application constitutes fraud. Invoices showing your purchase of sufficient stock to cover all coupons must be shown upon request. Void if prohibited, taxed, or restricted. Customer must pay any sales tax. Cash value 1/20th of 1¢. Coupon will not be honored if presented through agencies, brokers or others who are not distributors of our merchandise or specifically authorized by us to present coupons for redemption. Expires September 30, 1985.

\$10

G pbi / GORDON CORPORATION / 1217 WEST 12TH STREET
P.O. BOX 4080
KANSAS CITY, MISSOURI 64101
816 / 421-4070

Your Gordon distributor will redeem coupon.



SEA WORLD

A major showplace in Orlando beckons visitors with spectacular vegetation given the undivided attention of Martin Schwerthoffer and his crew of 30.

by Barbara Betts

The biggest challenge for Martin Schwerthoffer at Sea World in Orlando, FL, is meeting the public's expectations.

With an estimated three million people trekking through the marine life park each year, the director of landscaping and his 30-person crew labor diligently to make sure Sea World looks good 365 days a year.

Making the turf green and the flowers look as bright in February as

they do in July is not always an easy job. Schwerthoffer and his crew have to work around limitations imposed by the sheer volume of people as well as the conditions of weather and soil. They try to meet the demand to be new and different.

Differences

Whether it means constructing a massive poinsettia tree and protecting it from sudden and unexpected frost or

watering an eight-foot hanging basket of impatiens, Schwerthoffer is always "trying to get something different."

"I think people expect unique things from us," he maintains.

His crew is constantly changing the 36 annual beds scattered throughout the park.

"We change so there's a continuous run of color; so it's always different. If a bed looks bad, you pull it," he says.

*Tough mowers...
from rough cut
to smooth finish.*

The CM Series

Extra Heavy Duty
Hydrostatic Rotary Mowers for
Commercial/Municipal Users



CM 20-6072

Superior performance in both rough cut and refined mowing at speeds to 11 miles per hour. The "CM" gives the commercial user a tough, low maintenance machine that mows better at top speed than other mowers at half the speed. And does it with the added safety of rear discharge.

Kut-Kwick. More than forty years of experience building professional mowers for professional users.

kut-kwick

P.O. Box 984
Brunswick, Georgia 31521
Telephone 912-265-1630

Call today for complete information.
Toll-free 1-800-248-5945
In GA. 1-800-592-5945

Circle No. 136 on Reader Inquiry Card

To meet these demands, the park's horticulturist raises some 30,000 annuals each year.

Demands on the park's greenhouse and nursery facilities continues to grow, not only to provide for the constantly changing color, but to provide for the demand for landscaping materials created by new Sea World projects. Crew member Jasper McLemore supervised the growth of more than 30,000 junipers in the last two years. The shrubs were recently installed around the new Shamu Stadium. Thirty different varieties of trees were

"I think people expect unique things from us."

also added for that project.

The greenhouse and nursery operation has grown in Schwerthoffer's eight years at Sea World. When he came, the park had one greenhouse. Now there are five.

The biggest reason for the increased nursery operation? Savings. Schwerthoffer estimates that about \$100,000 was saved by growing the trees and junipers to size.

The people

The crowds visiting Sea World are a major constraint for landscaping. The park is open year-round. It is important, the landscaping director says, to keep the grass green.

"People, especially from the North, come down here and expect to see green grass—no matter what the time of year."

Schwerthoffer says there are 38 acres of bahia grass and six of bermudagrass overseeded with ryegrass at the park. In the winter, except for the palm trees, the overseeded bermudagrass is the only green thing in the park.

The grass used to be kept green by painting it with a colorant. The color, Schwerthoffer says, was never very satisfactory. And it was costly to put down and maintain.

The overseeding program started two years ago with a search for the right ryegrass. Most ryegrasses, Schwerthoffer explains, were too thick. Then he started buying Lesco's CBS Blend ryegrass and is very satisfied with the results.

"It's turned out beautiful. The beauty of it is that it's a finer texture than we've used before. You can't tell it from the bermuda. We start overseeding in November. We get germination in a short period of time and have no browning or anything. It just

goes right to town. There's less cost involved and it always looks good," Schwerthoffer says.

The bermudagrass-ryegrass acreage has to stand up to tough foot traffic, too. On one spacious green section near the Rain Forest, Schwerthoffer estimates more than 200 band concerts are held each year. And the ryegrass stays green.

Specialized needs

And how many landscape managers have to worry about keeping a tropical rain forest warm in the winter? At Sea World, the Rain Forest is kept temperate, despite freezing temperatures, by 200 gas heaters. The heaters, placed every eight feet in the one acre tropical patch, keep the temperature up when necessary, about 20 degrees above that in the rest of the park.

The specialized needs of the Sea World landscape, quite predictably, extend to the significant part animals play in the natural beauty of the park.

The crowds visiting Sea World are a major constraint for landscaping.

Not only can a visitor see Shamu, sea lions and exotic fish, but can mingle with the 5,000 rabbits, innumerable ducks and deer who wander freely about Sea World in Orlando. While visitors love the natural feeling, Schwerthoffer admits the animals place limits on his ability to cope with common landscaping problems.

Challenge continues

For Schwerthoffer and his crew at Sea World, the challenges continue. Not only do they intend to fertilize early this fall to avoid having flush new growth killed in a winter frost, and use a fertilizer with minors to cope with a soil system that ties up the iron, they will continue to realize the demands of their constituency. The crew will overseed more this year to make more green grass this winter. And they will continue extensive plantings at the nursery to prepare for their next new project—a luxury hotel across the street from the marine life park.

Satisfaction for Schwerthoffer and his Sea World crew will continue to be the delighted faces of families enjoying the green grass and beautiful vegetation.

WT&T

Barbara Betts is editor of Lesco News.

For Information Contact Your Nearest Ransomes Distributor

EAST

Bearco, Inc. (Northern OH)
Cleveland, OH 44136, 216/238-2442

Brodner Equipment, Inc. (Upstate NY)
Rochester, NY 14606, 716/247-5218

The Clapper Co. (ME, NH, RI & Eastern MA)
West Newton, MA 02165, 617/244-7900

Conaway, Inc. (MD, Northern VA & Washington D.C.)
Laurel, MD 20707, 301/953-9220

Conaway, Inc. (Western & Central PA)
Lawrence, PA 15055, 412/341-6447

EDM Distributors, Inc. (CT, VT & Western MA)
Agawam, MA 01001, 413/786-6977

Ross Lawn Equipment (Upstate NY)
Tonawanda, NY 14150, 716/691-7642

Steven Willand, Inc. (NJ, NY, LI & Eastern PA)
Fairfield, NJ 07006, 201/227-5656

SOUTH

Adrian Metal & Tractor, Inc. (Eastern NC & Eastern SC)
Conway, SC 29526, 803/365-5501

Chemical & Turf Specialty Co., Inc. (TX & OK)
Garland, TX 75041, 214/271-4549

Lawn Care Sales & Service (TN)
La Vergne, TN 37086, 615/793-6052

Ransomes Florida, Inc. (Southern FL)
West Palm Beach, FL 33406, 305/689-4788

South Central Turf Equipment (MS & LA)
Jackson, MS 39209, 601/922-7437

Spain Distributing Co. (Western NC & Western SC)
Charlotte, NC 28210, 704/552-9582

Stovall & Company, Inc. (GA & AL)
Atlanta, GA 30318, 404/352-1555

Turf & Industrial Eqt. Co. (Northern FL)
Winter Springs, FL 32708 305/327-2220

MIDWEST

Brentom Lawn & Turf Corp. (KY & Southern IN)
Louisville, KY 40207, 502/895-8687

Conniff's Power Equipment, Inc. (IN & Southern OH)
Richmond, IN 47347, 317/935-2344

General Turf & Grounds Equipment Co. (KS & MO)
Columbia, MO 65205, 314/445-6609

Grass Roots Turf Equipment Co. (IA & NE)
Des Moines, IA 50321, 515/223-5980

Hanley Equipment, Inc. (WI)
Sun Prairie, WI 53590 608/837-5111

Ideal Mower Sales (MI & Western OH) Ferndale, MI 48220, 313/541-4200

Kaye Corporation (MN, ND & SD)
Mankato, MN 56001, 507/345-5083

Olsen Distributing Company (IL)
Barrington, IL 60010, 312/381-9333

WEST

Colorado Outdoor Power Equip., Inc. (CO, WY & NM)
Denver, CO 80223, 303/733-4651

Highland Equipment Co. (UT)
Salt Lake City, UT 84103, 801/364-9445

Huber Incorporated (AZ)
Phoenix, AZ 85016, 602/955-1731

Jenkins Machinery Company (CA, NV & HI)
Concord, CA 94520, 415/685-6685

Turf-Go Northwest (WA, OR & AK)
Seattle, WA 98133, 206/771-4885

CANADA

Consolidated Western Ind. Co., Ltd. (Alta & Sask)
Edmonton, Alta T5S 1H4, 403/484-7181

G. C. Duke Equipment Ltd. (Ont, Que & Maritime Provinces)
Burlington, Ont L7S 1W6, 416/637-5216

Par Equipment Ltd. (Man)
Winnipeg, Man R3E 3J8, 204/775-8988

Rollins Machinery Ltd. (B.C.)
Vancouver, B.C. V5T 1H8, 604/874-6404

RANSOMES
BOB-CAT

The high and the mighty.



When mowing is a tall order, our new little rider is a trooper. Small in size for more maneuverability. Big on features for better performance. A dependable four-cycle engine. A generous 48" adjustable cutter deck. Steering and brake controls designed for easy operation. It may be our smallest rider, but it still packs the power of a Ransomes Bob Cat.

See your Ransomes Bob Cat distributor for a personal demonstration or call Ransomes, Inc., One Bob Cat Lane, Johnson Creek, WI 53038, (414) 699-2000.

RANSOMES

BOB-CAT

The grass machine.

Circle No. 246 on Reader Inquiry Card

Landscape Fabrics

Turf managers rediscover old uses and invent new ones for various types of fabrics.

by Ron Hall, assistant editor

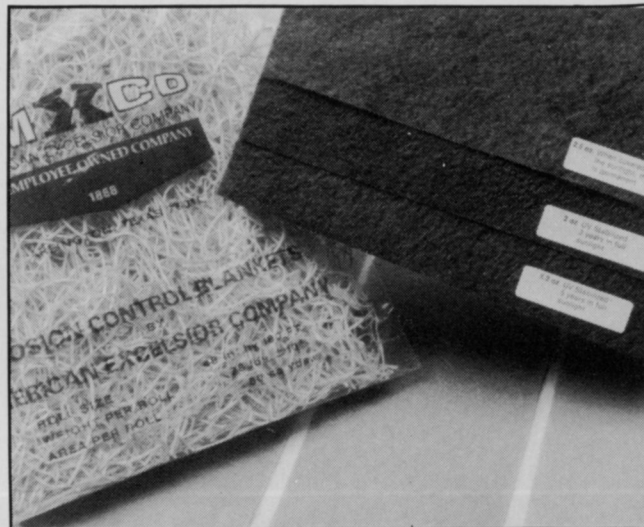
Turf managers are re-discovering a neglected old friend, the landscape blanket. This old acquaintance, redesigned in today's fabrics, has started to generate new interest.

Tobacco farmers learned years ago that putting a cotton cover over seedbeds allowed planting as early as February. In more recent years tobacco growers have gone from cotton to Reemay, a spun-bonded polyester produced by DuPont.

Golf course superintendents in the north are learning that turf covers reduce desiccation and winter kill on greens. Stadium managers are discovering fabrics will protect turf in previously hopeless situations, while still others are betting they can germinate grass seed faster under them. Research is also being conducted to see if grass can be favorably grown through fabrics, or on top of them.

Where this will lead is unclear. What is clear, however, is that a handful of companies feel the science of growing and protecting turfgrass is ready for a variety of different covers. Concerns such as DuPont, Phillips 66, Amoco, and Warren Turf are testing the waters.

"These products have been out for a while, but all of a sudden everyone is saying, 'look what I've found,'" says Tom Blunk, a former golf course superintendent. Blunk, a representative of Blunk's Wholesale Supply near Chicago, handles the



GreenSaver mat by American Excelsior, Terra Bond by Warrens, and Duon from Phillips 66 are examples of the large variety of turf and grounds covers now available.

Phillips 66 product Duon.

Blunk is right. Ground covers aren't new. American Excelsior has

Tobacco farmers learned years ago putting a cotton cover over seedbeds allowed planting much earlier in the year.

been producing grounds blankets made of excelsior (Aspen wood fibers) for years for use on slopes, median

strips, and other areas where a quick vegetative cover is needed.

What's new is the ways covers are being used. And some of the fabrics themselves.

American Excelsior is almost 100 years old, but it's GreenSaver blankets with excelsior sandwiched between plastic mesh just started finding favor as a golf course greens cover in recent years. Oakmont Country Club, site of the 1983 U.S. Open, has used Excelsior's GreenSaver blankets with heartening results.

Covers of various materials have been used for erosion control and for separating sand and soil in golf

course sand traps for years. The use of these same types of covers, with engineering improvements, may be ready to blossom in the turf industry. The spark is coming from far-thinking turf managers seeking solutions to specific problems.

Victory or disaster

Curiously, Michael Jackson, the superstar of the popular music set, gave it an unknowing boost during his "Victory" concert tour last summer and fall. The tons of scaffolding and equipment and the thousands of fans at the tour stops overwhelmed the natural turf in many of the top sports stadiums in the nation. The pop music triumph was a turfgrass mega-disaster.

But Cleveland field boss Dave Frey