

DON'T BE TIED UP BY CALLBACK COSTS. Use DURSBAN and TURFLON.



Beautiful lawns and fewer problems with DURSBAN and TURFLON.

DURSBAN* insecticide and TURFLON* D herbicide can help put an end to callbacks that tie-up your people...your equipment...your money. DURSBAN gives up to

eight weeks of effective broad-spectrum insect control. TURFLON D is the new herbicide that controls tough broadleaf weeds in cool season turf grasses.

You'll appreciate the low toxicity of all Dow turf products...to both humans and pets. Also, the wide variety of formulations. There's the familiar DURSBAN 2E and 4E liquids, 50W wettable powder and granular formulations to knock-out virtually all outdoor insects...sod webworms, chiggers, chinch bugs, mites, crickets, ants, weevils,



ticks, billbugs and many more, the first time around. TURFLON D knocks out hard-tocontrol broadleafs like veronica, spurge, ground ivy, oxalis, and wild vio-

lets. Of course, it gets the easy weeds, too.

So now you have broad spectrum and cost-efficient control for both insects and broadleaf weeds. And that's the best control over callbacks you've ever had! Now more of your calls will be for new business.

The only callback we recommend is the one to your distributor. Talk to him about our new "DURSBAN Delivers The Goods" incentive program. Always read and follow all label directions. The Dow Chemical Company, 9001 Building, Midland, MI 48640.



*Trademark of The Dow Chemical Company.

Circle No. 113 on Reader Inquiry Card

5001

VOLUME 24, NUMBER 2

WEATER OF LANDSCAPE OF LANDSCAPE OF LANDSCAPE OF LANDSCAPE OF LANDSCAPE AND GOLF COURSE MANAGEMENT SINCE 1962



27 N.C. State's Living Laboratory

Dr. J.C. Raulston believes in hands-on experience for his horticulture students. A wellstocked arboretum provides the ideal classroom.

DEPARTMENTS

6 News/Trends
12 Green Industry News
23 In-the-Middle
24 Government Update
84 Problem Solver
87 Landscape Log
88 New Products
96 Events
98 Classifieds
100 Advertisers' Index
102 Outlook

32 Landscaping Enters New Generation

Modern technology and elevated standards of quality are forging a new era in landscape contracting. Our survey shows the current trends.



36 Lied's Nursery Breeds Hearty Stock in Wisconsin

Four decades of hard work and a commitment begun by Delmar Lied has created one of Wisconsin's largest and most profitable landscape maintenance, construction and nursery businesses

42 Good Managers Recognized at Marvin's Garden

A Florida landscape contractor says the era of the trained manager is at hand. His Marvin's Garden and Landscaping is proof the right people are as important to his business as the right plants.

48 Boyco's Blueprint for Success

Landscaper Greg Boykin knows what it's like to start small—and make it big. He is now owner and president of one of North Carolina's largest landscape contracting and maintenance companies.

54 ORNAMENTAL DISEASE CONTROL GUIDE

Tree and ornamental disease control are discussed in the first of this year's popular Guides. A practical and information-packed reference source by Dr. C.C. Powell, Ohio State University and Don Blasingame, Mississippi State University.



76 Compost—Don't Knock it 'Till You've Tried it.

More landscaping professionals are realizing the benefits that one of the industry's oldest fertilizers can provide.

Robert L. Edgell, Chairman: Richard Moeller, President: Lars Fladmark, Executive Vice President; Arland Hirman, Treasurer: Thomas Greney, Senior Vice President: Ezra Pincus. Senior Vice President; Pat O'Rourke, Group Vice President: Joe Bilderbach, Vice President; James Gherna, Vice President; George Glenn, Vice President; Harry Ramaley, Vice President.

WEEDS TREES & TURF (ISSN 0043-1753) is published monthly by Harcourt Brace Jovanovich Publications. Corporate and Editorial offices: 7500 Old Oak Boulevard. Cleveland. Ohio 44130. Advertising Offices: 7500 Old Oak Boulevard. Cleveland. Ohio 44130. Advertising Offices: 7500 Old Oak Boulevard. Cleveland. Ohio 44130. 111 East Wacker Drive. Chicago. Illinois 60601 and 3091 Maple Drive. Atlanta. Georgia 30305. Accounting. Advertising Production and Circulation offices: 1 East First Street. Duluth. Minnesota 55802. Subscription rates: \$20 per year in the United States: \$25 per year in Canada. All other countries: \$50 per year. Single copies (pre-paid only) \$2 in the U.S.; elsewhere \$4.50; add \$3.00 for shipping and handling per order. Second class postage paid at Duluth. Minnesota 55806 and additional mailing offices. Copyright® 1985 by Harcourt Brace Jovanovich. Inc. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means. electronic or mechanical including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher. Microfilm copies of articles are available through University Microfilm. International, 300 N. Zeeb Road. Ann Arbor. Michigan 48106.

POSTMASTER: Send address changes to WEEDS TREES & TURF, P.O. Box 6198. Duluth. Minnesota 55806-9898.

STOP LEAF SPOT FROM THE FIRST OFFENSE TO THE FINAL VERDICT.

Disease is a natural occurrence in nature, which proves that nature isn't as interested in beautiful, playable turf as you are. To overcome nature's little oversight, we present a proven product.

[®]DYRENE Turf fungicide is proven in control of leaf spot, melting-out, or going-out—popular names for diseases caused by *Helminthosporium (Drechslera)*.

DYRENE works on contact and should be part of any complete program of disease control.

It's compatible with other turf products, plus it provides control of dollar spot, brown patch, copper spot, snow molds, and rusts.

Leaf spot, one of nature's serious afflictions needs serious relief. DYRENE. Always read the label before use.



DYRENE. WHEN YOU'RE SERIOUS ABOUT LEAF SPOT.



Mobay Chemical Corporation Specialty Products Group Box 4913, Kansas City, Mo. 64120

DYRENE is a Reg. TM of Mobay Chemical Corporation.







Ourline breaks down easily. Our tractors don't.

Outdoor jobs are as simple as moving a lawn or clearing a driveway. And as tough as grading a home site or digging a drainage ditch.

The only thing most commercial outdoor jobs have in common, in fact, is that John Deere has diesel utility tractors to handle them all.

A 2-cylinder, 14.5 PTO horsepower model. A 60 PTO horsepower, 4-cylinder model. And six sizes in between.

For mowing, loading, grading, backhoeing, whatever job you need to get done, quickly and reliably.

As much as our tractor lineup varies in size, there are many similarities vou'll see on a closer look.

Like dependable sliding gear transmissions. Water-cooled diesel engines designed for hour after hour of productive work. Safety and comfort features that make long hours on the job easier for you.

Even our more than 50 capacity-matched attachments carry on the John Deere reputation. And of course, you can rely on John Deere dealer service.

If you're in the market for a utility tractor your business can depend upon, you need only see one company: John Deere.

For the name of the nearest dealer, or free folders on our compact utility line, call 800-447-9126 toll free (Illinois 800-322-6796) or write John Deere, Dept. 67, Moline, Illinois 61265. JOHN DEER

John Deere utility tractors. As a line, they hold together very well.

Individually, they hold together even better.

Nothing Runs Like a Deere

Circle No. 111 on Reader Inquiry Card

NEWS/TRENDS

PBI/Gordon corrects Trimec story

In the December 1984 issue it was incorrectly stated that the expiration of the Trimec[®] patent is resulting in a commodity status for the proprietary post-emergent herbicide. It was further stated incorrectly that Trimec is really a loose term for a premixed formulation of 2,4-D, propionic acid, and dicamba that may now be obtained from sources other than PBI/Gordon Corp.

First and foremost, Trimec is not a loose term referring to a premixed formulation. Trimec is the registered trademark of PBI/Gordon Corp. for its proprietary herbicides and may not be used in any other context.

Although the patent has expired, it continues to be a proprietary product of PBI/Gordon whose formulation is a closely guarded trade secret. The name Trimec can not be used by any other company.

PBI/Gordon Vice President/Director of Research J. S. Skaptason offers the following clarification. "The Trimec patent number 3,284,186 was issued on the basis of the synergism that accrues when 2,4-D, MCPP and dicamba are mixed. In the beginning we noticed there could be inconsistencies in the activity of the product from batch to batch, especially if it was made by simply mixing amine products of the three herbicides. So, we launched a continuous research program to improve the efficiency."

Skaptason goes on to say a major step forward occurred when Dr. Roger Cahoy and Dr. Jan van Diepen succeeded in utilizing the characteristics of eutectic principles in formulating third generation Trimec complexes. "This chemistry affects the structure of droplets; and as proven by radio isotope studies, results in quicker penetration and more thorough translocation which result in better efficiency."

PBI/Gordon has not granted rights to any other manufacturer or formulator to produce or sell Trimec herbicides. Trimec herbicides can only be obtained from PBI/Gordon.

Resorts face tax threat

Proposed changes in Federal tax rules eliminating an interest deduction for any property other than a primary residence could slow down or even stop resort condominium development. That could mean cutbacks in both condo landscape work and golf course maintenance and construction.

Resort development has been a bright spot for both landscape contractors and golf course architects, builders, and superintendents. Resort landscapes are typically high-scale construction and maintenance to attract second home buyers.

Many resorts are centered around golf courses. The course makes the condominiums more valuable.

Loss of the interest deduction makes time sharing less attractive and may eliminate the marginal buyer.

WT&T

STAFF.

Executive Editor Bruce F. Shank, Cleveland Managing Editor Maureen Hrehocik, Cleveland Assistant Editor Ron Hall, Cleveland Publisher Dick Gore, Atlanta Senior Vice President Tom Greney, Chicago Group Publisher Robert Earley, Cleveland Production Manager Anne MacLean, Duluth **Production Supervisor** Marilyn MacDonald, Duluth Graphic Design Beth Travis-Betts, Duluth **Circulation Manager** Laurie Miller, Duluth **Directory Coordinator** Sheryl Albertson, Duluth **Reader Service Manager** Gail Kessler, Duluth **Promotion Director** Linda Winick, Cleveland

OFFICES_

ATLANTA 3091 Maple Drive Maple Center One Building Atlanta, GA 30305 (404) 233-1817

CLEVELAND 7500 Old Oak Boulevard Cleveland, OH 44130 Editorial: (216) 243-8100

CHICAGO 111 East Wacker Drive Chicago, IL 60601 (312) 938-2344

SEATTLE 1333 N.W. Norcross Seattle, WA 98177 (206) 363-2864

DULUTH 120 West Second Street Duluth, MN 55802 (218) 723-9200

MARKETING REPRESENTATIVES____

Dick Gore Atlanta (404) 233-1817 Ron Kempner Atlanta (404) 233-1817 Joe Kosempa Cleveland (216) 243-8100 Robert Mierow Seattle: (206) 363-2864

A guide to the proper grass for

Jutomance TurfSeed, Inc.

CBS

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 Walding Aurora Bighorn Creeping **Bentgrasses** Penncross Penneagle

SHADOW

LATHALAW



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!



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

FEBRUARY 1985/WEEDS TREES & TURF 7



THE RIGHT STRATEGY.

Every year, more lawncare companies discover new profits in turf disease control. If yours isn't one of them, we'd like to show you the way by sending you our free CHIPCO^{*} 26019 fungicide *Healthy Business Package*.

It includes lots of valuable information and materials to help you turn lawn diseases into profits...beginning with strategy.

We'll explain how effective disease control can give you a competitive edge. How it can build your reputation as a quality-oriented company. How it can protect the business you already have...and help bring in more cus-

> tomers. How it can be used to establish a long-term customer relationship. In short, how it can improve your profitability by adding value to your existing customer base.

THE RIGHT TACTICS.

Coming up with an effective disease control sales strategy is one thing. Carrying it out is something else. Our *Healthy Business Package*

shows you how. It includes not only advice on how to communicate with customers and prospects, but materials you can use. Materials for newspaper, direct mail and bill stuffers. Doorknob hangers. In-home sales presentations.

One reason lawn disease treatment is an excellent business opportunity is that many homeowners don't even know that turf diseases exist. If you make them aware of the problem—and offer the solution in your advertising, promotions and sales calls, you'll capture more than your share of this growing market. We can help.



3 THE RIGHT TRAINING. Before you start offering disease control to your customers, you have

to be sure your employees know how to handle the job.

We'll take care of that, too. In your *Healthy Business Package*, you'll find training aids you can use to teach your workers how to spot, identify and treat all the major turf diseases they're likely to encounter.

With the materials we provide, you can quickly and easily show your people how to apply a turf fungicide properly and keep your customers satisfied.



A THE RIGHT FUNGICIDE. Of all the turf fungicides on the market today, CHIPCO 26019 fungicide is the best for building your business.

It controls the major turf diseases, including Leaf Spot, Red Thread Dollar Spot, Fusarium Blight and Brown Patch. So it's the only fungicide you need.

Its long-lasting residual action makes it cost-effective and lets you fit it into your existing treatment schedule... with virtually no call-backs.

It's easy to use. And toxicity is low, so you and your customers get added peace of mind.

Expand your business and improve your profitability. With the right strategy,

tactics and training. And the right fungicide: CHIPCO 26019 turf fungicide. For your free *Healthy Business Package*, write to: Rhône-Poulenc Inc., CHIPCO Dept. WTT, Agrochemical Division, P.O. Box 125, Monmouth Junction, NJ 08852.

IPCO 26019

TAKING CARE OF BUSINESS. Please read label carefully and use only as directed.

PRHONE POLLEN

