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No. 1000

# Dursban can make call-backs a thing of the past.

There's a phone call you shouldn't have to take ever again. The one that calls you back to redo a lawn or turf job. The one that costs you dearly in labor, time and gasoline. Not to mention the highest cost of all—the unhappy customer.

You can put all that behind you by using DURSBAN\* insecticides. Because once you use DURSBAN you can be sure you're getting up to eight weeks of tough, broad spectrum insect control.

You can count on DURSBAN 2E and 4E liquids or new 50W wettable powder to knock out the toughest and most persistent outdoor insects. DURSBAN gets them all.. sod webworms, armyworms, chiggers, chinch bugs, clover mites, crickets, ants, grasshoppers, mosquitoes, grubs, turfgrass weevils, billbugs and more—the first time

around. It's hard to find an insect that DURSBAN insecticide won't control.

Unlike slower acting insecticides, DURSBAN goes to work as soon as applied...spring, summer or fall. And for as little as \$3.50 per 10,000 square feet of lawn or turf, it's a lot cheaper than the cost of call-backs.

With DURSBAN insecticide on the job, more of your calls will be for repeat and new business. While call-backs become a dusty memory.

Give your Dow distributor a call for DURSBAN insecticide. Also ask about the "DURSBAN delivers the goods" incentive program. Be sure to read and follow all label directions and precautions. Agricultural Products Department, Midland, Michigan 48640.

## **DURSBAN**

**Does it right the first time.**



Dow Chemical U.S.A.

\*Trademark of The Dow Chemical Company

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# WEEDS TREES & TURF

The Magazine of Landscape and Golf Course Management Since 1962



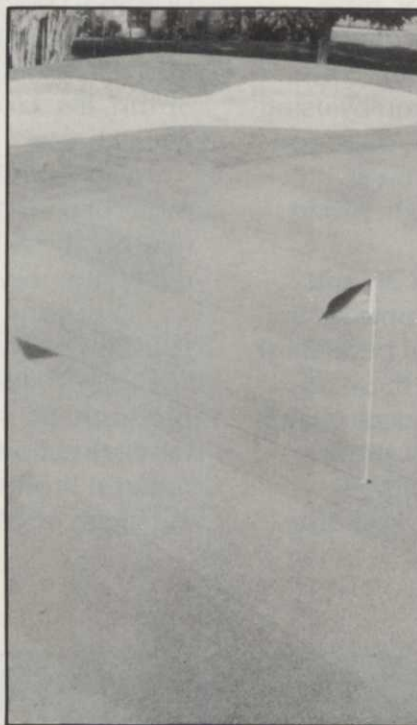
## 34 Landscape Manager's Guide to Perennial Ryegrasses

Gerald W. Pepin, director of research for Pickseed West offers information on all aspects of ryegrass. Establishment, color, winter seeding, disease resistance, leaf texture and mowing quality are a few of the areas he covers. Full descriptions of different varieties are also offered.



## 18 Thirsting for Answers—Part I

Water for the Green Industry is becoming a shrinking commodity. The reasons are many, but so far the solutions are few. Part I of this two-part series focuses on some problem areas in the current water situation. Part II next month, will look at some of the answers.



## 48 Winterseeding: The Greening of Inverrary

Planning and solid turf management are Superintendent Brad Kocher's secrets of success for overseeding his course, Inverrary Country Club in Lauderhill, FL. Kocher will take you through a step-by-step procedure for the annual fall ritual for most Southern courses.

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Scotts® has developed a flowable fungicide that produces results equal to those from a complex program of six leading fungicides. The unique combination of active ingredients in Fluid Fungicide controls and prevents red leaf spot, dollar spot (including benzimidazole tolerant strains), brown patch and pink snow mold.



Developed for use on the most popular turfgrasses, Fluid Fungicide adds a new dimension to Scotts traditional dry, granular approach to turf maintenance. To find out about all its advantages, call your local ProTurf® Tech Rep.

**Scotts**  
**ProTurf**

**Cost  
Effective  
Flowable  
Fungicide**

# How to unload bushels of clippings single-handedly.



# Introducing two new John Deere material collection systems—Hydraulic Dump and Tilt Dump.

A load of grass clippings should be as easy to empty as it is to cut.

That's why we've developed two new material collection systems for John Deere 300 and 400 Series Tractors.

Both systems let you collect and empty leaves and grass clippings without ever touching them. To unload, you simply move one lever and the contents empty automatically.

The John Deere Hydraulic Dump system has a 13-bushel hopper that raises for dumping into a wagon or dump truck. By operating the convenient hydraulic control from the driver's seat, you make the container raise, turn over, empty, and then return to the original position.

The new Tilt Dump system is designed for slightly smaller jobs. With one hand you unlock the latch. The hopper tilts by itself and its back swings open, dumping the load. Then pull the hopper back to its original latched position—all without leaving the tractor seat.

In both systems, a PTO-driven fan loads the hopper more quietly and efficiently than engine-driven competitive makes. And fan speed is variable from 2,800 to 5,200 rpm, matching the speed to operating conditions. Slower for dry, dusty conditions; faster for damp leaves



or grass.

If you're ready to move up to a system that lets you do more and bigger jobs with a minimum of extra work, then a John Deere Hydraulic Dump or Tilt Dump system is for you.

For the name of the nearest dealer, or a free folder on the John Deere material collection systems, call 1-800-447-9126 toll free (1-800-322-6796 in Illinois) or write John Deere, Dept. 50, Moline, Illinois 61265.

Check out our new John Deere material collection systems. Because grass isn't the only thing that needs cutting.

Your work does, too.

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Nothing Runs Like a Deere®

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Remember the name because you're going to hear a lot about it. Fylking Kentucky bluegrass lawn is something special. It forms a dense, thick turf, more disease and drought resistant. Greens up earlier, stays greener longer. Fylking can be cut as low as  $\frac{1}{4}$  inch, even  $\frac{1}{2}$  inch for home putting greens. Proven over many years of international certified testing. Ask your seed distributor for Fylking.

Fylking — the World's Fair grass.

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**KENTUCKY BLUEGRASS**

U.S. Plant Patent 2867

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**Subdue. The most effective fungicide against Pythium blight and damping-off.**

Pythium weather. High temperatures, high humidity and high anxiety. Once Pythium takes root, it can destroy turf within hours.

Unless you take a grass-roots approach to Pythium. With Subdue.\*

**Subdue works both on contact and systemically.**

Subdue fights Pythium blight and damping-off—as well as downy mildew (yellow tuft)—in two ways. On contact, Subdue destroys

the fungi in the soil. Systemically, Subdue prevents disease from within grass plants. That's because Subdue is water soluble—easily absorbed by roots. So Pythium—and now, downy mildew—don't have a chance.

**Subdue also controls costs.**

Subdue's systemic action means longer, more effective residual

protection. Fewer applications. Lower chemical costs. And savings in maintenance and labor. And Subdue's low application rate—1 to 2 fluid oz. per 1,000 sq. ft. for 10 to 21 days on established turf—makes Subdue the most cost-efficient protection you can buy.

Before Pythium weather strikes, subdue it. Use Subdue in a preventive maintenance control program. And get a good night's sleep.

Ciba-Geigy, Ag Division, Box 18300, Greensboro, NC 27419.

**CIBA-GEIGY**

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**HOW TO AVOID SLEEPLESS NIGHTS  
DURING PYTHIUM WEATHER.**

**SUBDUE**

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## AWARDS

### 70 receive AAN awards from Mrs. Reagan

The sun shown brightly on the East Garden of the White House as more than 70 landscape individuals received American Association of Nurserymen Awards from Nancy Reagan in May.

The award winners were recognized for their "significant contributions" in the area of environmental design and improvements at the 27th Landscape Awards Program. This was the eleventh time in the program's history that a First Lady has presented the awards and the seventh time the event has taken place at the White House.

Mrs. Reagan apologized to the crowd of around 300 for being late, "but my son called from California, and you know how that can be."

After Mrs. Reagan's brief opening remarks, Robert F. Lederer, executive vice president of the AAN, praised the award winners' contribution to landscaping and Mrs. Reagan for consenting to present the awards.

"When the American Association of Nurserymen was formed, 109 years ago, a newspaper editorial said, 'It is

right that everyone who can be induced to plant a good, honest tree and pay for it should be coerced into doing it,' " said Lederer, "These ladies and gentlemen you will be meeting are here because they have planted 'good honest trees.' "Recipients of the awards represented the sponsors, landscape architects and installation firms responsible for 21 environmental landscaping projects in 17 different areas of the nation. The outstanding feature of these projects, according to the AAN, is their positive effect on the quality of life in their communities.

Following the awards ceremony, guests were treated to a reception in the State Dining Room.

Following the White House reception, another reception was held at the JW Marriott where Secretary of Agriculture John Block and his wife, Susan, were guests of honor.

"I'm going to count each and every one of you as farmers because I need all the farmers I can get," Block joked. He praised the industry for its many contributions.



First Lady Nancy Reagan looks on as American Association of Nurserymen Executive Vice President Robert Lederer gives the opening remarks at the recent AAN awards ceremony at the White House.



### Strategy session

The Pesticide Public Policy Foundation board met recently to discuss strategies to organize support for the national use of pesticides. Pictured from left are Bob Felix of the National Arborist Association, Inc.; Bob Bartlett of Bartlett Tree Experts; and David Dietz, PPPF executive director. Dietz reported that the PPPF hotline receives eight to 10 calls a day from professional pesticide users around the country asking questions about how to fight pesticide legislation in their area. For further information about PPPF, write or call 1270 Chemeketa St., NW, Salem, OR, 1-800-GET-PPPF.

## CHEMICALS

### Ciba-Geigy to sell part of ag division

Ciba-Geigy Corp., Greensboro, NC, will sell its home and garden chemicals production business.

Emilio J. Bontempo, vice president, marketing, of the division, said marketing consumer-oriented products does not fit the long-range plans of the division, which is primarily engaged in the production and sale of agricultural chemicals and seed.

The home and garden business has been operated as a part of Ciba-Geigy's Agricultural Division since 1960. It sells herbicides and insecticides under the Spectrum trademark through various types of retail outlets. Last year the unit's sales of home and garden products produced \$19 million in revenues.

Bontempo didn't reveal the asking price for the business.

## INDUSTRY

### Lesco files for initial offering

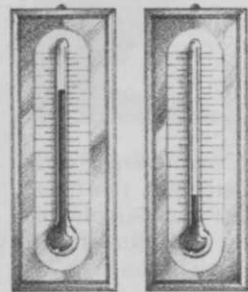
Lesco Inc. filed in May with the Secu-

# NORTHROP KING'S GALWAY WILL CHANGE YOUR THINKING ABOUT TALL FESCUES.

Until now, most tall fescues have come up short.

They've failed under extreme temperatures. And fallen victim to disease.

But now there's Galway from Northrup King. A versatile, fine-leaved tall fescue that maintains a dense weed-free turf years after ordinary tall fescues thin out.

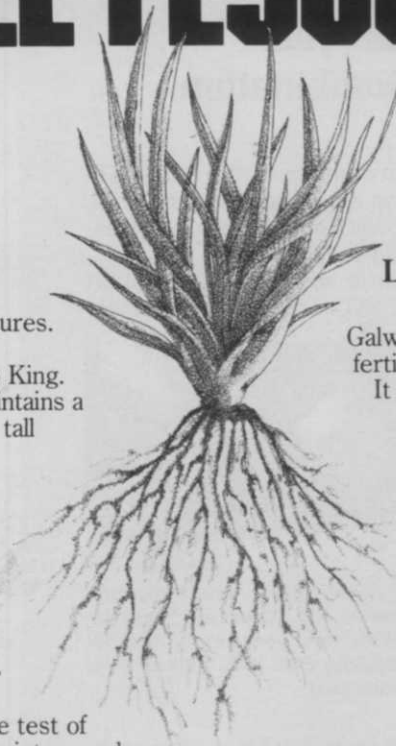


**Improved performance against disease and extreme temperature.**

In development, Galway passed the test of fierce Minnesota winters and sweltering Midsouth summers.

It passed the test at several northern and southern universities, too, ranking among the best turf-type tall fescues available.

Tests have shown that it won't succumb to brown patch or net blotch. And that its improved shade tolerance makes it well suited for use under trees and in other low-light areas.



**Low maintenance turf with a high maintenance look.**

Galway requires only limited amounts of water and fertilizer to produce an attractive, dark green turf. It grows slower, which means less mowing. And its improved fine-leaved texture improves density and uniformity.



It is recommended for athletic fields, parks, playgrounds, commercial and public turf areas, boulevards, embankments and home lawns. New, fine-leaved Galway from Northrup King. It'll change your thinking. Because, in the world of tall fescues, it stands above them all.



*Ask your Northrup King distributor about Galway tall fescue. Or write Northrup King Medalist Turf Products, P.O. Box 959, Minneapolis, MN 55440.*

# SHARP



## When the turf looks sharp, so do you. The HUSTLER 261/BAC-VAC™ combination is worth the difference.

The HUSTLER 261/BAC-VAC combination provides a finished job that looks sharp and that's a very good reflection on you.

The agile HUSTLER 261 with BAC-VAC grass vacuum precisely cuts, trims and vacuums turf in one operation. When full, the 16-bushel capacity hopper empties with the release of a single lever. You never leave the driver's seat and in moments you're back mowing again.

HUSTLER's exclusive 60" 3-Way Deck, with a 9.5-inch offset design, lets you trim closely between and around low hanging trees and shrubs, providing the finest cut on turf. It even picks up leaves in the Fall!

Providing a fine cut, vacuuming and edger capabilities, the HUSTLER 261/BAC-VAC is the complete package for landscape contractors.

In addition to this flexibility, here's performance confidence! The Briggs

& Stratton warranty on the HUSTLER's 18 hp drive engine, and its 5 hp auxiliary BAC-VAC engine, has been extended to two full years.

It's plain to see why the HUSTLER 261/BAC-VAC is...worth the difference!



A spinner device gives visual indication the hopper is full. Then an "easy-to-reach" lever lets you empty the 16-bushel capacity BAC-VAC without ever leaving your seat.

*There are six HUSTLER models ranging from 18 to 32 hp with a host of attachments to meet year-round needs.*

rities and Exchange Commission for an initial offering of 650,000 common shares expected to be priced at \$11 to \$13 each.

"The number one reason for going public is that it gives a company another way of raising money—equity financing," said Jeff Jones of McDonald & Co., Cleveland, OH, which is managing the underwriting group.

"A company's got to do a pretty good job of impressing us about its ability to be profitable and to grow for us to consider them," Jones continued. "This also gives them more visibility in the marketplace and gives them a value. They've gotten to the point—almost \$400 million worth of sales a year—that equity financing is a nice alternative to bank financing."

### EQUIPMENT

## Computer streamlines Jake's parts delivery

The turf industry's first computerized system that links distributors with an equipment maker to speed delivery of spare parts and finished goods is now on stream, according to Jacobsen Division of Textron, Inc.



Called REACT (Remote Entry and Customer Order Tracking), the new data system operates over telephone lines to reduce order entry time from sometimes days by mail to less than 30 seconds.

Besides swiftness, Jacobsen's Customer Service Manager Jerome H. Betker says, "It's far more accurate, allows for fast order verification and eliminates slow and tedious paperwork."

Distributors in the REACT network have a portable desk top Epson computer with integral keyboard for entries and video screen for simultaneous display of data input. They also have printer and telephone modems that, respectively, lets them gener-



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