

When good shots end up in bad lies on dollar spotted fairways, it can spot your course's reputation.

That's good reason to put Rubigan® in play. Dollar for dollar, nothing controls dollar spot better.

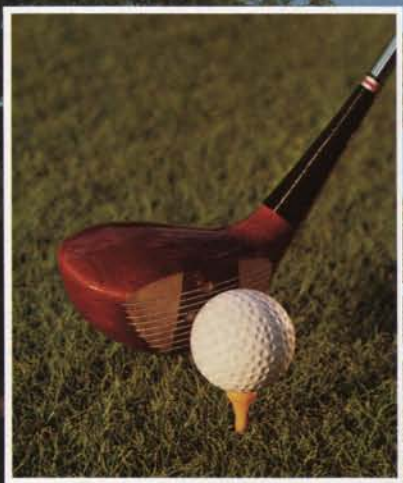
Just one Rubigan application controls even resistant strains of dollar spot for up to 28 days. And one case of Rubigan will treat up to four acres of greens and fairways.

Rubigan is the only fungicide labeled to treat and prevent all these other turf spoilers too: Fusarium blight, necrotic ring spot, summer

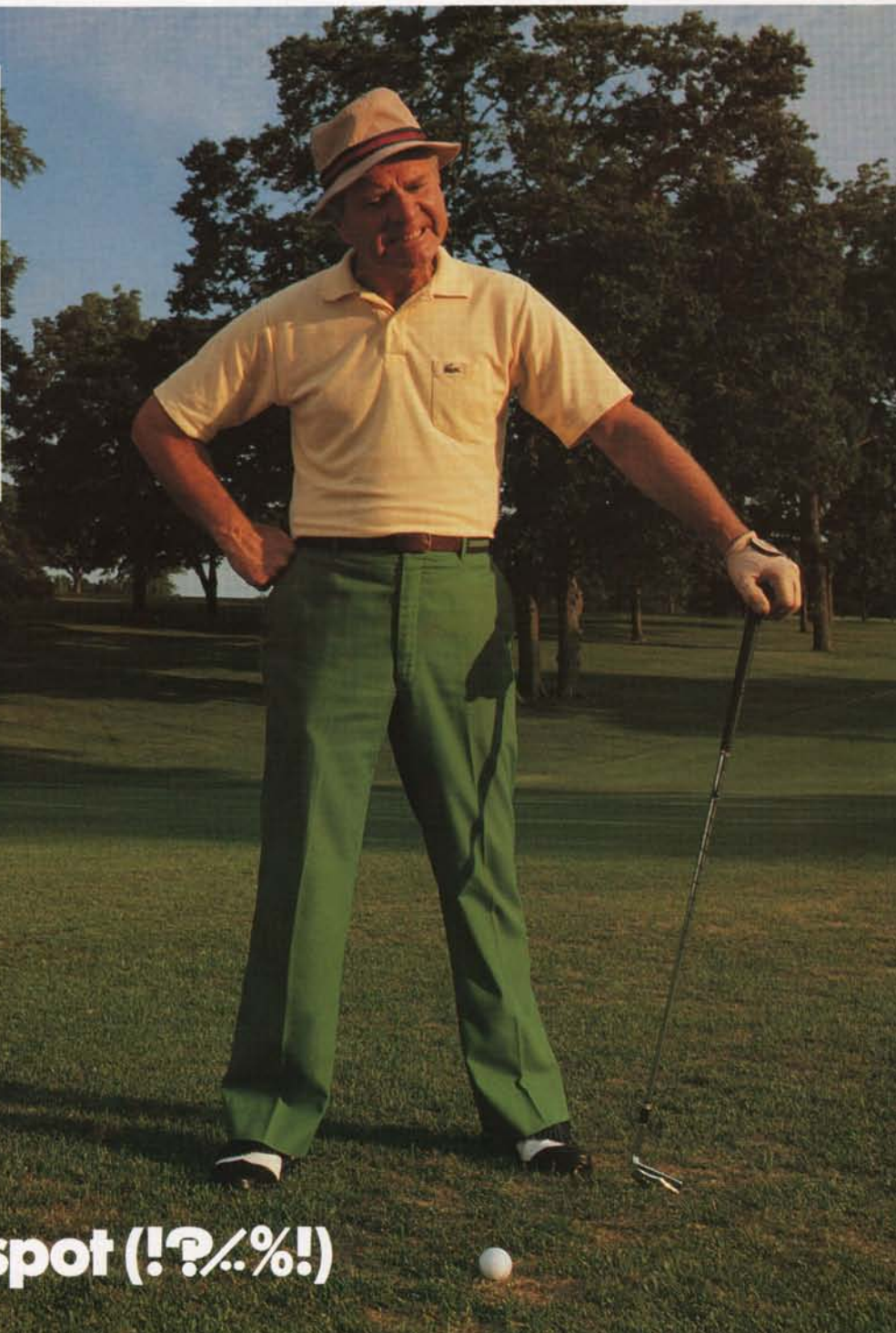
patch, take-all patch, anthracnose and spring dead spot—plus large brown patch with a Daconil 2787® tank mix.

Keep your fairways, tees and greens dollar spotless—looking clean and beautiful all season long. Get Rubigan from your Elanco distributor. Or call toll-free: **1-800-352-6776.**

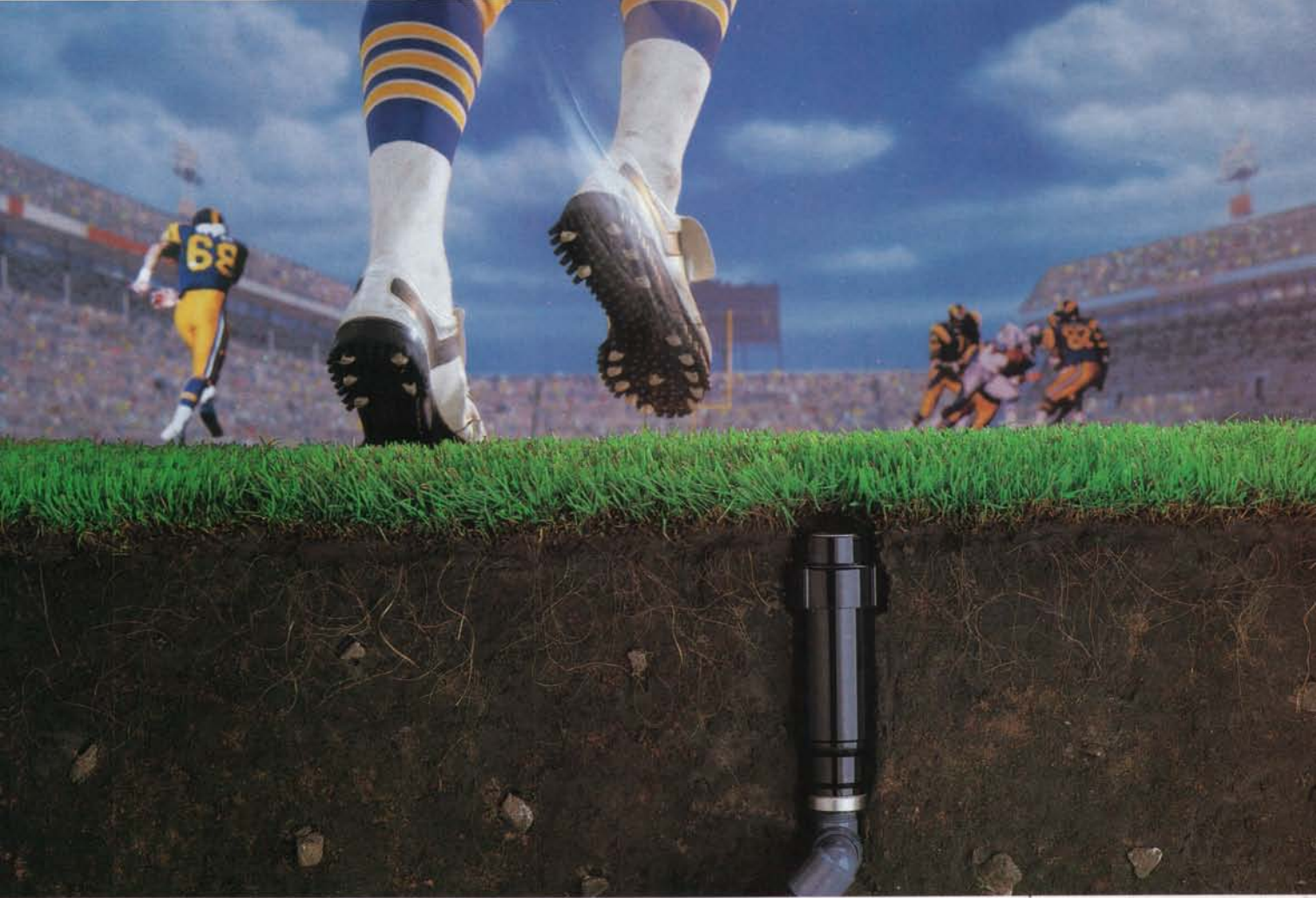
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Lilly Corporate Center  
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Rubigan®—(fenarimol, Elanco)  
Daconil 2787®—(chlorothalonil, Fermenta Plant Protection)



**From  
sweet spot**



**...to dollar spot (!?!%!!)**



# Toro 640. P SERIALS

## Competition 0.

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**F**or reliability, ruggedness, and all-around high performance, Toro's heavy-duty 640 sprinkler beats all challengers hands down. No wonder it's been the leading choice for U.S. athletic fields for over a decade.

### Most vandalproof player:

Compare these stats: The 640 body is twice as heavy as many other brands, making it more resistant to vandals as well as to surges and water hammer. Critical gears are high-impact brass.



A rugged stainless steel case protects the nozzle and drive assembly.



The nozzle is locked on with a set screw and completely encased in stainless steel. And the whole head can be mounted 1/2" below grade, safe from prying tools.

Critical bull gear and final drive gears are made of high strength brass and stainless steel.



### The best defense against liabilities.

The 640's low-mount, pop-up operation and small exposed surface area also means less chance of accidents. And maintenance is streamlined, too, because you don't have to trim around the heads.

Toro 640. The leader in our lineup. For durability, quiet, smooth, consistent operation, and a five year warranty — call for it on your next project.

For more information, contact your local Toro dealer, or Toro directly at 5825 Jasmine St., Riverside, CA 92504. (714) 688-9221.



Excellence in Irrigation®

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NOVEMBER 1989

## MAIN EVENTS

### 14 CHARLOTTE ENTERS RENAISSANCE IN MUNICIPAL GOLF

A shortage of municipal golf courses with championship layouts has been blamed for denying many young golfers the opportunity to become golf professionals. Too often, championship golf courses are unavailable to aspiring pros because of location, financial means, or membership restrictions. The people of Charlotte, NC, decided to change this. Nine years later they have successfully transformed a large landfill into a challenging 7,480 yard championship golf course surrounded by tennis courts, softball and soccer fields, bikeways and an exercise trail. The city appropriately named the facility Renaissance Park.

### 21 ELON COLLEGE COMBINES RENOVATION WITH CHEMIGATION

A growing enrollment and ongoing construction of dormitories and classrooms were putting a strain on the maintenance and condition of Elon College's 300-acre campus in Burlington, NC. College President Dr. Fred Young knew the campus was a focal point of the community, especially its 25-acre sports complex. By recruiting a talented local landscape contractor to take over campus maintenance, Young began a progressive program of field renovation. In three short years, a program of soil modification, conversion to hybrid bermudagrass, and improved irrigation have paid spectacular dividends. Injecting fertilizers, wetting agents, and root stimulants into the irrigation system has provided a definite advantage during establishment and subsequent maintenance.

### 25 EQUIPMENT PREVIEW

As more and more manufacturers recognize the special equipment needs of the golf course superintendent and sports turf manager, they are designing and introducing new products. This preview highlights some of these products. Use the Reader Service Card to obtain more information on these products this fall so you can put specialized equipment to work for you next spring.

## LINE-UP

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- 34 SCOREBOARD

**COVER:** The 13th hole at Renaissance Park Golf Course in Charlotte, NC, drops 65 feet from tee to green. Photo Courtesy: Woolpert Consultants.

# The Full Range of Tractor-Mounted Equipment for All Your Turf Care Needs



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Scarifier in mainframe unit



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The new Cushman GT-1 utility vehicle will outperform and outlast any converted golf cart on the market. Its frame and chassis are stronger and more durable. You'll find a bed

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When you need a utility vehicle that's been specifically designed for work instead of one that's been converted from play, contact your Cushman dealer for a GT-1 demonstration. Or call toll-free 1-800-228-4444 for more information today.



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## Introducing a powerful new force in riding rotary mowers.

Now there's more to Cushman® Front Line® Mowers than top cutting performance. More power. More operator comfort. More endurance.

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Its totally integrated power train and new hydraulically-powered steering gives you unmatched performance over the long run. The 807 dispatches thick, wet grass on tricky maneuvers around obstacles without losing

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At the heart of the new, four-wheel 807 is a powerful 21.5 horsepower, 3-cylinder Kubota 950 diesel engine. We've also included a heavy-duty Donaldson air cleaner and a new, heavy-duty Cushman PTO clutch to keep your new Cushman Front Line running longer. A complete family of Cushman Front Lines and a wide range of accessories are available to meet all your needs all

year 'round. Choose a 3 or 4 wheel design with 60- or 72-inch side or rear discharge mower deck. Or add the exclusive Cushman Grass Caddy™ system, which lets you cut, catch, and hydraulically dump 16 bushels of clippings without leaving the seat.

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# THE FRONT OFFICE

## OPINION PAGE

### PACK YOUR BAG AND SHARE YOUR KNOWLEDGE



If you haven't made up your mind to attend at least one turf conference this winter, take a moment of your time and read this column. Weigh these comments against any excuses you may have for not going. I think you'll conclude that few things in the turf industry are as important as conferences and trade shows.

I can't say enough good things about national, state and local turf conferences. During the past 14 years of covering the turf and landscape market, I have written more than 300 articles about successful turfgrass managers. In every story, you will find that the individual's success was linked in some way to participation in state or national turf shows. That is pretty remarkable when you think about it.

Those who got involved in shows early in their careers avoided many of the pitfalls that can occur in the turf profession. Their curiosity and determination to find the answers they needed to everyday problems or challenges led them to conferences. That same drive enabled them to convince their superiors of the value of conferences, who in turn gave them time off and/or helped with travel expenses. The ideas they brought back from shows more than made up for the cost.

Turf conferences rank near the top when you consider the amount of value received for the time invested. The information exchanged in two or three days would take weeks to acquire any other way. University turf specialists deliver volumes of important information during conference seminars each year. Fellow turf managers relate their experiences with new problems and techniques to solve them. Manufacturers and distributors demonstrate their latest products and can also relate your needs to those of their other customers.

Best of all, you have the opportunity to pose your questions to a wide assortment of experts on the spot. You get answers that fit your special needs, ones that can be put to use as soon as you return. Some of the most valuable time you can spend at shows is in the hallway after educational sessions talking with the instructor or other turf managers.

Over the years I've been to 14 different state turf shows and all the national conferences. In each case, I've met turf managers who know how to get the most out of conferences. In a few short years, these same people are rewarded with greater responsibility and more power to make decisions. There obviously is a connection.

Whether you are just starting out, a student, or a turf manager in a new part of the country, you owe it to yourself to attend one or more conferences this winter. And, if you have reaped the rewards from previous shows, share your success with others by going back year after year. Pack your bag and share your knowledge.

*Stuart F. Shank*

# EVENTS

## CALENDAR

### DECEMBER

**4-7**

New Jersey Turfgrass Expo '89.

Resorts International Hotel, Atlantic City, NJ. Contact: Dr. Henry Indyk, Crop Science Dept., P.O. Box 231, Cook College, New Brunswick, NJ 08903, (201) 932-9453.

**4-7**

Ohio Turfgrass Conference & Show,

The Ohio Center, Columbus, OH. Contact: Ohio Turfgrass Foundation, 2021 Coffey Rd., Columbus, OH 43201, (614) 292-2601.

**10-13**

41st Annual Canadian Turfgrass Conference

and Show, Metro Toronto Convention Centre, Toronto, Ontario. Contact: Canadian Golf Course Superintendents Association, 2000 Weston Road, Suite 203, Weston, Ontario, Canada, M9N 1X3, (416) 249-7304.

**11-13**

Georgia Turfgrass Conference and Trade

Show, Hyatt Atlanta Airport, College Park, GA. Contact: East Georgia Extension Center, (912) 681-5189.

### JANUARY

**8-10**

Maryland Turfgrass '90 Conference and Trade

Show, Baltimore Festival Hall, Baltimore, MD. Contact: Dr. Tom Turner, University of Maryland, (301) 454-3716.

**19-21**

Sports Turf Managers Association Conference

and Show, Wyndham Hotel Greenspoint, Houston, TX. Contact: STMA, P.O. Box 94857, Las Vegas, NV 89193, (702) 735-0000.

**22-24**

Midwest Regional Turf Conference, Adams

Mark Hotel, Indianapolis, IN. Contact Jeff Lefton, Purdue University, Lilly Hall, W. Lafayette, IN 47907-7899, (317) 494-4772.