

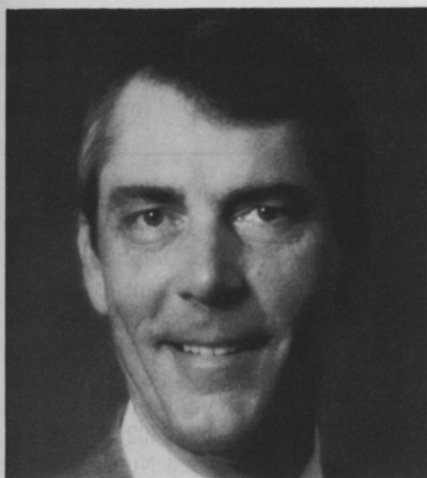
## Lawn Institute changes address, executive dir.

**MARIETTA, Ga.**—New address for the administrative headquarters of the Lawn Institute is 1509 Johnson Ferry Rd., NE, Suite 190, Marietta, GA 30062. Phone number is (404) 977-5492 and fax is (404) 977-8205.

Taking over as executive director from Dr. Eliot Roberts, who recently retired, is James R. Brooks. Brooks, 52, was formerly executive vice-president of the Professional Lawn Care Association of America. He was also employed by LANDSCAPE

MANAGEMENT (then *Weeds Trees & Turf*) magazine and the Golf Course Superintendents Association of America.

The Lawn Institute was formed in 1955 as a non-profit corporation to assist in and encourage through research and public education the improvement of lawns and sports turf. Brooks was preceded by Dr. Roberts (1982-1992) and the late Dr. Robert Schery (1955-1982).



James R. Brooks, new at Lawn Institute

## Equipment Expo revs its engines for industry pros

**LOUISVILLE, KY.**—Business seminars and equipment demos highlight the International Lawn, Garden and Power Equipment Expo, here July 26-28.

Nearly 550 manufacturers and suppliers are exhibiting at this year's Expo, along with an estimated 17,000 green industry professionals from the U.S. and 60 countries world-wide.

The Expo's outdoor demonstration area will again be in full swing. Prospective buyers can browse the expansive outdoor demonstration area and ride, weed-whip, chip, mow and aerate to their hearts' content, using the latest in landscape management and lawn care industry equipment.

Show organizers say the growth of the Expo has been rapid and substantial, with great gains in the number of commercial

end-users. In 1991, the percentage of dealers who carry commercial products increased 73 percent. The number of landscapers and cutters from across the U.S. increased 57 percent.

The North American Equipment Dealers Association will sponsor a 10,000-sq. ft. "Model Store," which will emphasize safety and "environmentally safe" products. There will also be what is described as a state-of-the-art, working service shop.

The seminar schedule features:

- green industry consultant Charles Vander Kooi, speaking on "Bidding with Confidence."

- Len Hays on "Expanding your Commercial Business."

Of special interest is the raffle of a Chevy S-10 Tahoe 4-door Blazer, sponsored by *Organic Gardening* magazine.

For more information, contact Andry Montgomery & Assoc., 6100 Dutchman's Lane, 6th floor, Louisville, KY, 40205, or call (800) 558-8767.

## Institute examines herbicides

**NEW YORK**—What, use less herbicides and nitrogen on turfgrass? This may be possible if research at the Weizmann Institute of Israel pays off.

Institute scientists have developed an approach that could dramatically reduce the amount of herbicide needed to kill weeds.

When metal-binding chelators are applied simultaneously with a herbicide, the resulting synergy knocks out a weed's defenses against the herbicide. Greenhouse experiments indicate that this mixture could prevent weed growth with only 1/4 to 1/2 as much herbicide as usual. Moreover, the approach is likely to delay

the appearance of herbicide resistance by five to 15 years, the institute says.

Research projects also focus on genes that increase the efficiency of a plant's nitrogen uptake and plants that produce their own nitrogenous fertilizers. Some of these lines use 65 percent or more of the available nitrogen source, as compared to the usual 50 percent rate.

Other Weizmann research is focusing on fungi to kill weeds and eliminating cross-resistance to herbicides, making them more efficient.

For more information, contact Bernard P. Zwirn at Hill and Knowlton: (212) 697-5600.

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# GREEN INDUSTRY EVENTS

## JULY

**14, 21:** Penn State University Tree Identification program, Lancaster, Pa. Contact: H. Bruce Hellerick, Penn State Cooperative Extension, 1383 Arcadia Rd., Room 1, Lancaster, PA 17601; (717) 394-6851.

**16:** Landscape Contractors Association Summer Field Day & Trade Show, Shemin Nurseries, Burtonsville, Md. Contact: Landscape Contractors Association, 9053 Shady Grove Court, Gaithersburg, MD 20877; (301) 948-0810.

**16-18:** California Landscape Contractors Association Summer Tri-Board meeting, Red Lion Hotel, Rohnert Park. Contact: Micheyl Barnett, (916) 448-2522.

**16-19:** Florida Foliage Association's Annual Convention, Jupiter Beach Hilton, Jupiter, Fla. Contact: Ann King, (407) 886-1036.

**19:** Colorado Chapter of the American Society of Landscape Architects Summer

Garden Tour, Denver, Co. Contact the ASLA Denver office, 16601 17th St., Suite 400, Denver, CO 80202.

**20:** Mid-Atlantic Nurserymen's Summer Trade Show, Baltimore Convention Center. Contact: Mid-Atlantic Nurserymen, P.O. Box 314, Perry Hall, MD 21128.

**23-25:** American Sod Producers Association Summer Convention and Field Days, Chicago, Ill. Contact: American Sod Producers Association, 1855-A Hicks Rd., Rolling Meadows, IL 60008; (708) 705-9898.

**23-26:** American Association of Nurserymen Convention and Exposition, Columbus, Ohio. Contact: American Association of Nurserymen, 1250 I St., NW, Suite 500, Washington, DC 20005.

**26-28:** International Lawn, Garden and Power Equipment Expo, Louisville, Ky. Contact: Expo '92, 6100 Dutchmans Lane, Sixth Floor, Louisville, KY 40205; (800) 558-8767.

**26-31:** Perennial Plant Association Annual Symposium, Stouffer Tower City Plaza Hotel, Cleveland, Ohio. Contact: Dr. Steven Still, Perennial Plant Association, 3383 Schirtzinger Rd., Hilliard, OH 43026.

**28:** Nebraska Turfgrass Field Day, University of Nebraska Agricultural Research and Development Center. Contact: Roch Gaussoin, (402) 472-8619.

**28-30:** Penn Allied Nursery Trade Show, Valley Forge Exhibit & Convention Center, King of Prussia, Pa. Contact: Pennsylvania Nurserymen's Association 1924 North Second St., Harrisburg, PA 17102; (717) 238-1673.

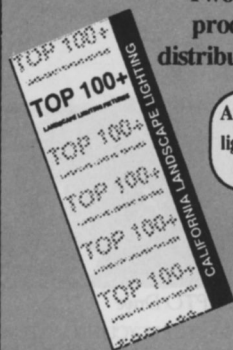
## AUGUST

**5:** Chesapeake Chapter, Sports Turf Managers Association Field Day and Workshop, University of Maryland, College Park, Md. Contact: Ray Flood, (301) 405-3320.

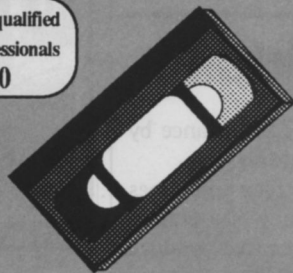
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*For further details contact:*

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# LANDSCAPE MANAGEMENT

# BOOKS

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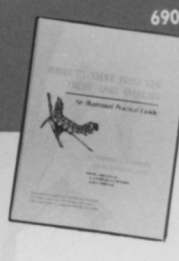
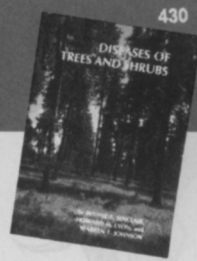
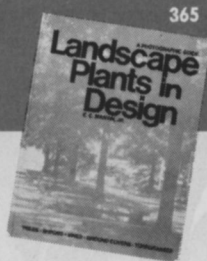
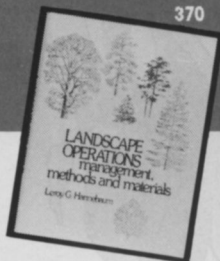
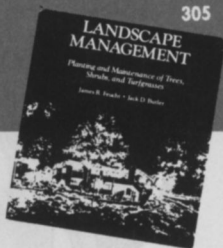
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## LANDSCAPE

### 345 – KERR'S COST DATA FOR LANDSCAPE CONSTRUCTION

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Annotated photographic guide to aesthetic and functional use of ornamental plants in landscape design. Trees, shrubs, vines, ground covers and turfgrasses are illustrated with over 1,900 black and white photographs. Contains a quick reference guide to particular design qualities, growing conditions.

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by Balakrishna Rao, Ph.D.

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by Johnson and Lyon

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## TURF

### 220 – CONTROLLING TURFGRASS PESTS

by Shurtleff, Fermanian, Randell

No professional can be without this new comprehensive guide which provides the most recent information available on the identification, biology, control and management of every type of turfgrass pest.

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### 235 – LAWN CARE: A HANDBOOK FOR PROFESSIONALS

by H. Decker, J. Decker

An invaluable guide for playing field managers, golf course managers, lawn care practitioners. Written by turfgrass professionals, this handy reference covers all aspects of turfgrass management.

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### 640 – TURF IRRIGATION MANUAL

by James Watkins

Keep pace with the latest developments in turf and landscape irrigation. Rotary sprinkler and golf course design systems, and expanded engineering and reference material make this a great reference for engineers, architects, designers and contractors!

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### 620 – TURF MANAGEMENT HANDBOOK

by Howard Sprague

Practical guide to turf care under both healthy and poor conditions. Covers special turf problems in cool and warm regions, fertilizer use, regular turf care, weed and disease control. Includes useful seasonal schedules.

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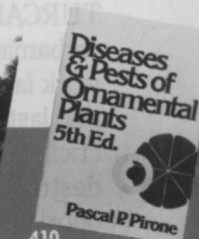
## GENERAL

### 410 – DISEASES & PESTS OF ORNAMENTAL PLANTS

by Pascal Pirone

Learn when and how to use the most effective fungicide, insecticides and other control methods on nearly 500 varieties of ornamental plants grown outdoors, under glass or in the home. This essential reference covers both diagnosis and treatment.

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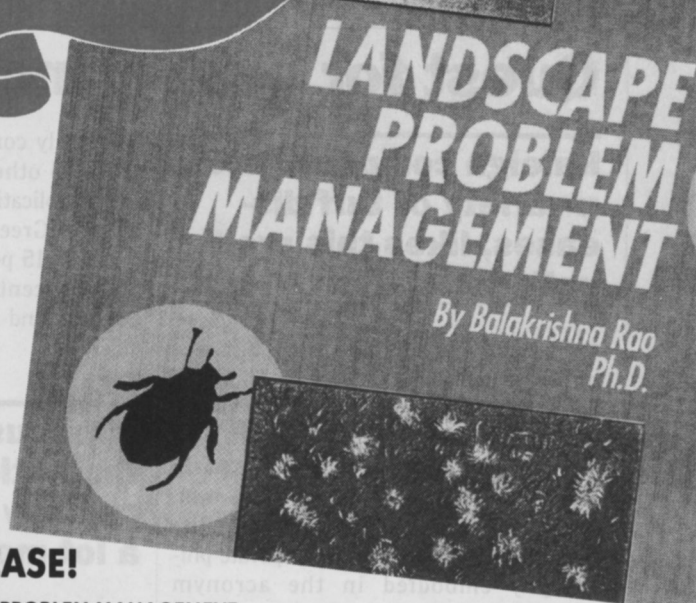
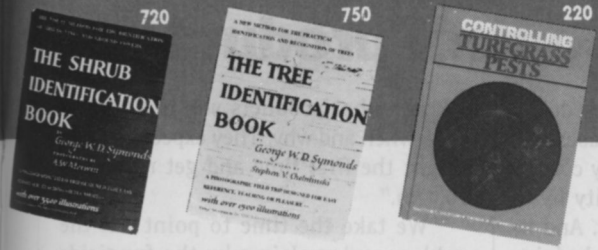
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# GREEN INDUSTRY SHOWCASE

## Quest for quality includes control products

### Raleigh company faces a variety of turf diseases, likes this product's extended control.

■ Expectations are high when a homeowner in Raleigh, N.C., sees an All Green truck pull up in front of his or her home. And that's the way Jeff Oravec likes it.

Oravec, All Green's branch manager in Raleigh, has high expectations of his own. He simply wants the job done right the first time, every time. It's a corporate philosophy embodied in the acronym "QUEST," or "Quality Uncompromised Every Single Time."

Quest is talked about daily here," says Oravec. "We have Quest employees of the week and month, Quest attendance and Quest safe driving awards. It's the way we do business at All Green that encompasses every aspect of what we do, including who works here and what products they use."

Those standards apply equally to the company's choice of control products, where the quest for the best product goes beyond simply shopping for the lowest price.

"The economics is not of primary importance," insists Oravec. "If you don't provide the proper products that get the job done, then you won't be in business very long. We attack problems immediately and need products that work right the first time."

In Raleigh, like most areas in the transition zone where turf-type tall fescue has become the turf of choice, rhizoctonia brown patch remains the most significant turf disease.

It can show up in Raleigh lawns as early as late April and continues through July. Last summer Oravec tried Touche (pronounced 'Too-shay'), a new flowable contact fungicide with locally systemic activity from Lesco.

"With Touché, if a lawn is in real bad shape, we can still expect 85 percent to 90 percent recovery," says Oravec. "If we can catch the brown patch early, we consistently get 95 percent to complete recovery on lawns."

Touché's active ingredient, vinclozolin,

effectively controls brown patch, dollar spot and other major turf diseases. Its lower application rates and 28-day control help All Green boost profitability by as much as 15 percent, says Oravec. And its high concentration reduces technician exposure and makes package disposal less difficult.

### "Our customers accept the notion that they can pay a little now...or a lot more later..."

—Jeff Oravec

"We get 21 to 23 days of preventive control at the recommended label rate," says Oravec, and he adds that the company's fungicide application has grown in the past four years to become an increasingly important segment of All Green's business.

"Our use of fungicides seems to grow as tall fescue gains in popularity," says Oravec. "We're seeing more tall fescue here, which is prone to brown patch in summer whether you fertilize or not."

Oravec describes All Green's Raleigh customers as highly educated and knowledgeable about lawn service. "They want

to know what products you're going to apply, when and why. They expect us to do it right the first time and get rid of the problem."

"We take the time to point out the problem and explain why the fungicide application is needed," he says. "Our customers accept the notion that they can pay a little now to take care of a potential problem or pay a lot more later, after the problem has forced us to come in and do a renovation on the property."

In addition to brown patch, one application of Touché provides up to 28 days protection from dollar spot, leafspot, melting out, red thread and pink patch.

Lesco reports it will also control both pink and gray snow mold.

"Touché's recovery rate is great," he adds. "Last year," when the application was followed by irrigation, we got the fastest recovery yet. The brown patch was stopped in two to three days and we could actually see regrowth within three to five days." All Green adds liquid iron to achieve a quick green-up of the infected area.

One gallon of Touché covers three acres at the 1 fl. oz./1000 square feet preventive rate, enough to treat all the greens and tees on the average, 18-hole golf course or 20 average size lawns.

Circle No. 197 on Reader Inquiry Card



All Green branch manager, Jeff Oravec, says Touche's high concentration makes it easier to fill, and the product holds well in suspension.

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0025  Schools, colleges & universities  
 Other type of facility (specify) \_\_\_\_\_

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- 0105  Landscape contractors (Installation & maintenance)  
0110  Lawn care service companies  
0112  Custom chemical applicators  
0135  Extension agents/consultants for horticulture  
 Other contractor or service (specify) \_\_\_\_\_  
 Other supplier (specify) \_\_\_\_\_

#### **C. SUPPLIERS**

- 0205  Sod growers  
 Other supplier (specify) \_\_\_\_\_

### **2. WHICH OF THE FOLLOWING BEST DESCRIBES YOUR TITLE? (Check only one)**

- 10  EXECUTIVE/ADMINISTRATOR—President, owner, partner, director, general manager, chairman of the board, purchasing agent, director of physical plant.  
20  MANAGER/SUPERINTENDENT—Arborist, architect, landscape/ground manager, superintendent, foreman, supervisor.  
30  GOVERNMENT OFFICIAL—Government commissioner, agent, other government official.  
40  SPECIALIST—Forester, consultant, agronomist, pilot, instructor, researcher, horticulturalist, certified specialist.  
50  OTHER TITLED AND NON-TITLED PERSONNEL (specify) \_\_\_\_\_

# PRODUCT REVIEW

## Post-emergents control goosegrass, crabgrass

Acclaim 1EC herbicide from Hoechst Roussel provides season-long control of crabgrass and goosegrass.

Apply Acclaim at regular intervals throughout the season as soon as crabgrass starts to emerge, either alone or tank-mixed with a fungicide.

Acclaim provides economical control and reduces the total amount of control products used.

Other benefits of Acclaim, according to Hoechst-Roussel, include: crabgrass control from one leaf to five tillers (just prior to seed head formation).

Acclaim can be used on established bentgrass tees and fairways as well as on ryegrass, fescue, bluegrass and Zoysiagrass.

The company says Acclaim can be easily implemented into reseeding and overseeding programs, and it won't damage desirable turf in and around crabgrass infestations.

**Circle No. 191 on Reader Inquiry Card**

## Four-wheel drive mower has Ultimate Turning Radius

Excel Industries has a new full color brochure that features the Model 9400 UTR (Ultimate Turning Radius).

According to Excel, the Model 9400 is the first and only 4-wheel drive, 4-wheel steering machine that can turn a true zero radius turn.

According to Excel, the secret to this remarkable maneuverability is the Synchronized Steering system which allows the wheels to pivot a full 180 degrees.

The wheels are also coordinated so that the inside set of tires turn a tighter arc than do the outside tires, so there is no turf damage while turning, and the center-mounted deck will skip.

Other features include a self-leveling seat for greater comfort when mowing on slopes.

An 84-inch rear discharge rotary mowing deck that can be set to cut from 1-1/2 to eight inches, adjustable from the driver's seat

**Circle No. 192 on Reader Inquiry Card**

## Bed cover provides secure storage place

Warn Industries has a newly-designed "Aerocover" pickup truck bed cover. The Cover provides a lockable storage area in

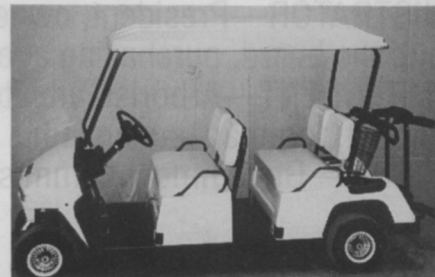


the bed of the truck. Ideal for tradesmen, says Warn, because the three separate entry covers can be removed quickly without tools. They offer the owner a completely open truck bed for large or unwieldy cargo, yet the bed can be covered in seconds, eliminating the fuel economy waste of an open pickup bed. Aerocover is made of strong fiber-reinforced composite panels. Interlocking hinge design assures a weather tight seal and fast access to the entire bed.

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## Newest golf car will carry four players

Columbia ParCar announces the introduction of the new ParCar Foursome, designed to carry up to four golfers playing



from the same car.

The Foursome has two bench seats that face forward, and features a four-bag rack

designed for the rear body of the golf car.

The Foursome is powered by the Columbia ParCar exclusive Gasoline or XP Electric Power System for maximum power and performance. Foursome has a 1000-pound load capacity and features an exclusive Clamshell body design, for easy cleaning and routine maintenance.

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## Grading, cleanup tool attaches to skid-steers

The Front Runner is a heavy-duty rake attachment for clearing debris, leveling, finish grading and other landscaping uses.

Flexible tines separate debris during site cleanup and scarify and loosen hard-packed materials when grading. Individually replaceable spring steel tines also provide protection by flexing over obstructions more easily than a blade.

Full floating design allows the unit to follow compound grades and to tip from side to side for crowning roads.

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## Fungicide packaged as water-dispersible granule

A new water-dispersible granule (WDG) formulation for Chipco Aliette brand fosetyl-Al fungicide means there is very little



dust from the product when the package is opened and poured.

The product is also available in quantities that are suitable for both nursery and turf applications.

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