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Back when you could count lawn care operators on one hand, Dow perfected a highly effective insecticide for use in turf. Research showed that this insecticide, called chlorpyrifos, gave immediate control over a broad spectrum of surface feeding insects. And it kept on controlling them for weeks.

That was the start of DURSBAN\* insecticides. They were developed and registered for turf applications before any other use. And as the lawn care profession grew, the reputation of DURSBAN spread. LCOs across the country, looking for cost-effective insect control, have found the answer in DURSBAN.

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DURSBAN effectiveness has been thoroughly researched and confirmed in decades of testing at leading

universities. And DURSBAN is the *only* turf insecticide on which human toxicity testing has been conducted. So lawn care applicators can apply it with complete confidence, and customers need not worry about the safety of their pets and children after the treated surface has dried.

Dow's partnership with lawn care professionals and golf course managers goes far beyond supplying advanced products. We also conduct many types of market and product research, and share the results for your benefit. We produce helpful training materials for applicators, operators and others. In cooperation with the PLCAA, we have prepared materials to answer frequently asked consumer questions concerning the effect of chemicals on the environment.

DURSBAN insecticides. Developed for lawn care operators—preferred by lawn care operators. Available as emulsifiable concentrates or wettable powders. If you're not using DURSBAN, you could get left behind. Talk to your distributor today.



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Years ahead of the rest.



\*Trademark of The Dow Chemical Company

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The Magazine of Landscape and Golf Course Management Since 1962

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**"At The Greenbrier, I use LESCO Sulfur-Coated Fertilizer because it gives me what I want. Good spreadability. Excellent residual. Super color."**

*Bob Mitchell*



Robert V. Mitchell, CGCS  
Executive Director Golf & Grounds  
The Greenbrier  
White Sulphur Springs, West Virginia

With responsibility for three championship 18-hole golf courses at a top resort, Bob Mitchell must have confidence in the fertilizer he buys and the company he buys it from. Confidence is just one more reason he uses LESCO Sulfur-Coated Fertilizer on all 54 fairways.

The 28-3-9 formulation used at The Greenbrier is a 100% sulfur-coated product. Its long residual, slow-release action is perfect for Mitchell's fall fertilization program. His nitrogen application schedule begins in late summer and ends in late fall.

"The three to four pounds we put on in the

fall carry us through winter, spring and summer. And the color of the fairways is better than ever experienced with other products. I attribute it to the sulfur-coated fertilizer."

Another benefit is the sulfur in the LESCO fertilizer.

"The sulfur has given us something we didn't realize we needed. I know turfgrass needs a lot more sulfur than most people think."

As host to more than 60,000 rounds of golf a year, it's important Bob Mitchell chooses the best fairway fertilizer. It's important at any golf course.

*Call today to discuss your fertilizer needs with one of the more than 50 LESCO sales representatives.*

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**(800) 362-7413 IN OHIO**

# LESCO

by the Editorial Staff, *Weeds Trees & Turf* magazine

## Videotaped landscape tips

A new videotape seminar for landscape maintenance contractors—"How to Make Money in the Landscape Maintenance Business"—is available from The Idea Bank of Tempe, Ariz.

The 2½-hour program, developed from a slide-illustrated presentation recorded by Joe Marsh for the National Landscape Association's annual conference, is designed exclusively for owners and managers of landscape maintenance firms.

The topics include: how to find and train new employees; saving money on equipment maintenance; how to lower your labor costs with chemicals and specialized equipment; and organizing your company for profitable growth.

Marsh includes information gained from 10 years experience in landscape maintenance. The videotape seminar is available on two VHS cassettes.

## Drought woes when it rains

The rains came, and all's well (or at least almost so) in the Delaware River basin. But the New Jersey green industry, which suffered its second drought in five years, still isn't convinced it dealt with the resulting state-imposed irrigation restrictions as well as it should have.

"What it has done is open our eyes," says Ed Walsh of the Ridgewood Country Club. Walsh is a member of the Golf Course Superintendent's Association of New Jersey (GCSANJ) which, during the '81 drought, combined with the state golf association to put a lobbyist in Trenton.

The lobbyist "was extremely helpful" getting the golf industry's views heard during this spring's crisis, golf interests tell WT&T. Even so, at the height of the drought, irrigation of golf courses, considered a "non-essential" use of water, was cut back 75 percent.

"Politics are politics," says Walsh. "We've got to get the right club members and politically influential people to listen now before it becomes a problem again."

Look for GCSANJ and other regional associations to shore up and strengthen political bridges in the face of recurring droughts.

## Dwindling numbers concern prof

A drop in the number of college landscape architecture majors is creating a potential shortage of personnel in years to come, says Jot Carpenter, landscape architecture professor at Ohio State University.

Carpenter, writing in the Ohio Chapter of the American Society of Landscape Architects (ASLA) newsletter, says national enrollment figures show a marked decline since 1982.

"At a time when demand for entry level candidates is higher than ever before, such a decline should be of concern to us all," Carpenter says. He adds that a concerted recruiting effort, aimed at quality high school seniors, is needed to make students aware of the "exciting opportunities" in the field.

He faults the Reagan administration for the shortage. "The administration is very anti-environmental," he tells WT&T. "The environment is simply a dead issue," and enrollment in the environmental science fields is declining as a result.

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**Doug, you say Super Greens Fertilizer works under conditions that can stop others cold. What do you mean?**

"Cold weather, of course. But also high pH and deficiencies in iron or manganese. All or any combination of those conditions."

**Let's start with cold weather. What makes Super Greens better?** "Super Greens works quickly in cold, wet soils—spring or fall—because most of its nitrogen doesn't depend on temperature-related microbial activity."

**How quickly does it work? And what about staying power?** "Your greens should respond within five days. And it's got enough kick left to last well into the second month."

**Will it push greens? Turn them puffy?** "No. Super Greens has the balanced ratio of nitrogen and potassium you're looking for to promote high quality turf."

**Let's talk about pH. You say Super Greens performs in high pH conditions. Why?** "Because of the unique chemistry of the product and the homogeneity of the granules. If you have a high pH condition because of soil or irrigation water, Super Greens is for you."

**What about the iron and manganese. What makes your micronutrients different?** "Quantity and chemistry. Super Greens has enough iron and manganese to help overcome deficiencies, including those in sand greens. And both micronutrients are present in forms which make them available to the turf."


**When and where does Super Greens work best?** "In the Deep South, I'd recommend Super Greens on bermudagrass greens and tees all year long. In the Southeast, it helps keep bentgrass greens active from October through April, and it's great for ryegrass overseeded on bermuda greens and tees. It will also help bring bermudagrass out of dormancy quickly in the spring."

**How about the rest of the country?** "In cooler climates, superintendents can get earlier green-up in the spring and good strong color on their bentgrass greens through fall and right up to freezing weather."

**How does Super Greens compare with competitive products?** "In this business, you get cautious about saying that anything is 'the best'. But this fertilizer would have to rank among the very best I've ever seen."

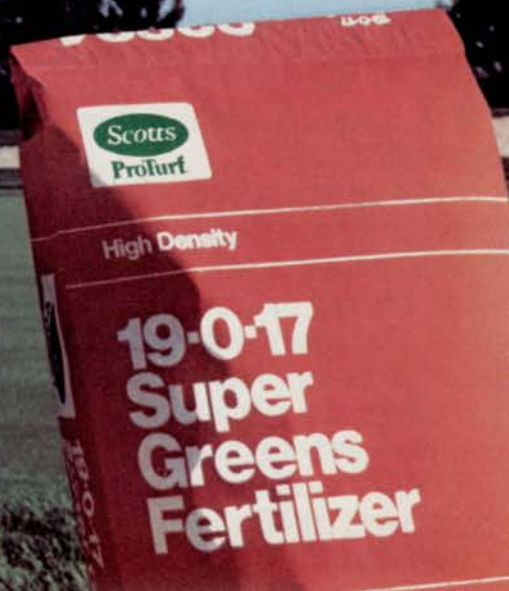
**For more information on new Super Greens Fertilizer, call your ProTurf® Tech Rep. Or call Scotts® direct at 800-543-0006.**

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**"It'll give you quick, healthy green-up under conditions that can stop other fertilizers cold."**

**Doug Horn, Scotts Research project leader (Fertilizer R&D), talks about new Super Greens Fertilizer.**





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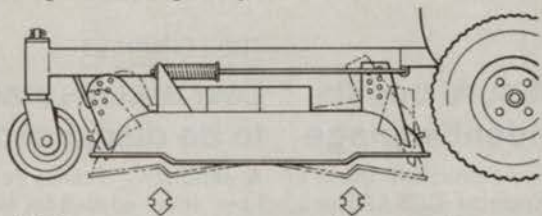
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## Judge rules for PPPF in Wauconda case

Federal District Court Judge Ilana Rovner has ruled in favor of the Pesticide Public Policy Foundation (PPPF) in its suit against the Village of Wauconda, Ill.

Judge Rovner ruled that Wauconda could not enforce controversial Ordinance No. 1984-0-31, which forced pesticide users to pay a \$25 annual fee and post signs after applications.

The decision, rendered on August 14th, comes after nearly one year of litigation between the city and the PPPF, a group of professional pesticide applicators.

In her ruling, Judge Rovner agrees with PPPF's argument that state regulations, specifically the Illinois Pesticide Act of 1979, preempt any ordinances which may be enacted by local communities.

"The ordinance attempts to impose further restrictions on and require an additional permit for pesticide applicators who already are subject to extensive state regulation and licensure," she wrote. "This court finds that the kind of 'uniformity' language found in the Illinois Pesticide Act im-



David Dietz

plies a legislative intent to preempt...the myriad units of local government from adding their own conflicting layers of regulation to the existing comprehensive scheme."

Judge Rovner, however, ruled in favor of Wauconda on another count: she judged the ordinance constitutional because it does not deny due process and equal protection of the laws as guaranteed by the U.S. and Illinois Constitutions.

David Dietz, director of the PPPF, says the decision "should have some precedential value." Currently, sev-

eral cities, including St. Paul, Minn., and Madison, Wisc., are considering ordinances that would regulate pesticide use on the local level.

"Overall, we're pleased," he tells WT&T of the recent decision. "It reaffirms and confirms our longstanding position that regulatory controls need to be at the federal and state level."

PPPF had argued that local government should not be allowed to regulate pesticide use because:

- the number of local governmental units across the U.S. (there are 8,000) would be "begging chaos;"
- lack of experience with pesticides among those units; and
- the cost involved.

Dietz was disappointed that Judge Rovner did not cite what he felt were PPPF's strongest arguments in her decision—that the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) preempts local jurisdictions from regulating the sale and use of pesticides, and that the ordinance violates the equal protection and due process clauses of the U.S. Constitution.

### INDUSTRY

#### West Coast treemen at top of salary scale

A nation-wide National Arborist Association's (NAA) wage survey shows foreman making an average hourly rate of \$10.50 per hour, climbers \$7.90, and ground personnel \$5.78.

Survey respondents from the West (California, Oregon, Washington, and Hawaii) report the highest wages with foreman making an average of \$11.48 per hour, climbers \$9.18, and ground personnel \$6.83. The Midwest is at the bottom of the scale with foremen averaging \$9.14, climbers \$7.85, and ground personnel \$5.37.

The NAA's Reporter newsletter says the range for each classification are: foremen, \$5.50 to \$22; climbers, \$5 to \$12.50; and ground personnel, \$3.63 to \$9.

### ASSOCIATION

#### Moody named PLCAA assistant exec director

The Professional Lawn Care Association of America (PLCAA) has named Douglas K. Moody as its first assistant executive director.

Moody, who began work in September, is vice-president of the New Jersey Turfgrass Association and is also involved with the state's Recreation and Park Association.

PLCAA executive director Jim Brooks says Moody's position was established because of the growth in the lawn care industry and the increased demand for service and assistance by lawn care operators.

A graduate of North Carolina State University, Moody has served nine years as head of the interpretive services division of the Hunterdon (N.J.) County Park systems.

### GOLF

#### ESPN exposure boosts superintendent's image

The Golf Course Superintendent's Association of America (GCSAA) took its message to national television this past August. And may do it again this year. Next year for sure.

Says GCSAA president Eugene Baston, "we received tremendous response from our television spots. I just wish we could afford to do more."

The GCSAA sponsored five 30-sec-

ond commercials on ESPN, the cable sports network. The spots aired during the PGA Championship and the Buick Open.

The message is: "We're your solid playing partner." The aim, says Baston, "is to let the public know what the golf superintendent's responsibilities are."

The GCSAA received a bonus of sorts when ESPN aired reruns of the tournaments giving the commercials three additional plays.

Superintendents with visions of Hollywood be advised, however. Actors were used in the commercials.

### TREE SEMINAR

#### Law and insurance to be discussed

A seminar, "Trees, People and the Law" is scheduled for Nov. 6-7 in Columbus, Ohio.

Experts in areas of law, insurance, federal taxes and arboriculture will discuss lawns and court cases involving trees. Liabilities of tree consultants, operators, and owners will receive considerable attention. Preceding the 1½-day seminar, a "Basics

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It's kid proof



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What goes up must come down . . . and that goes double for athletes' knees and elbows.

Improved Manhattan II perennial ryegrass has a built-in cushion developed through genetic improvement. The greater tiller density of Manhattan II takes the punishment athletes dish out, then springs back to retain its great-



looking appearance. All that toughness . . . with improved mow-ability to boot!

Manhattan II also provides a darker green color than the old standard Manhattan; improved disease resistance, drought and shade tolerance as well as fertilizer savings.

Manhattan II was developed to save on maintenance costs . . . but the *real* saving is on knees and elbows!

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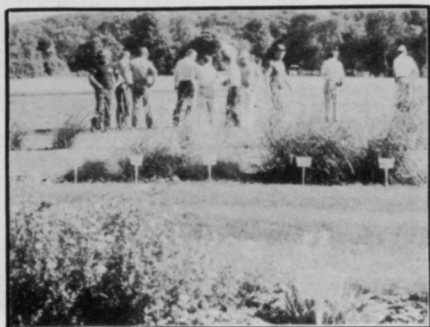
For more information, contact Alan D. Cook, The Dawes Arboretum, 7770 Jacksontown Rd. SE, Newark, Ohio, 48055. Phone number is (614) 323-2355.

#### RESEARCH

### 150 turn out for field day

More than 150 turf-related professionals turned out for the recent Lofts Inc. Annual Field Day in Martinsville, N.J.

Speakers included Dr. Henry Indyk and Dr. C. Reed Funk from Rutgers University, Dr. Al Turgeon



from Tru-Green, Dr. Richard Hurley of Lofts, and Maria Cinque of Cornell University.

Attendees included landscape architects, landscapers, park managers, county agricultural agents, automated lawn dealers, university researchers, and members of the press.

To receive advance notice of next year's Field Day, contact Lofts by writing Chimney Rock Road, Bound Brook, N.J., 08805 or phone (201) 356-8700.

#### INDUSTRY

### Scotts plays host to lawn care VIPs

The Lawncare Service Group of the O.M. Scott & Sons Co. entertained 22 management representatives of the nation's major lawn care companies this summer.

The "Green Carpet Tour" lasted three days and gave participants the opportunity to visit Scotts research facilities in Marysville, Ohio.

Among the Proturf products spotlighted were SREF (Slow Release Encapsulated Fertilizer), Fluid Fungicide, Weedgrass Control 60

WDG, Turf Weedgrass Control, and Southern Weedgrass Control.



Scotts researcher Paul Ferrel conducts "hands-on" demonstration at the company's "Green Carpet Tour."

#### RESEARCH

### De Lallo installs new test plots

De Lallo Sod Farms, Shoreham, Long Island, N.Y., installed 24 test plots last spring to determine early green-up and late green or fall brown-out characteristics.

Seeding was supervised by Warren Bidwell.

The varieties were given evaluation three times on a basis of color,

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