

Playability of turf using Turfgrass Growth Regulator (right), as opposed to untreated (left), is improved.

PRODUCTS

O.M. Scott introduces PGRs for fairways

The first PGRs for fine turf have been released by O.M. Scott & Sons, Marysville, Ohio.

Both are named ProTurf Turf Growth Regulator Plus Fertilizer (30-3-10). One is formulated for loam and clay soils, and one is for use in sandy soils.

"We're doing something that no one's been able to accomplish yet," notes Jim Fetters, marketing manager for professional products. "It isn't the answer to everything, but it's exciting."

The product has been tested in six states as PP-333. Its technical name is paclobutrazol, and it previously received labels for other agricultural uses.

The main benefit of Turf Growth Regulator Plus Fertilizer is that it will

improve playability on hybrid bermudagrass fairways. But it also improves turf density, slows growth by about 65 percent for 6 to 8 weeks, enhances greening for up to 12 weeks, reduces scalping potential and reduces clippings by about 75 percent.

"This product is recommended mainly on Tifway bermudagrass, not Tifgreen or Tifdwarf," notes Dr. Milt Kageyama, manager of research and development. "It can also be used to reduce mowing by two-thirds on St. Augustinegrass, although Floratam and Roselawn are not as responsive."

The label says the product must be used on well-maintained, established hybrid bermudagrass fairways and St. Augustinegrass areas that are on regular fertilizer programs, actively growing and have filled in following

any winter damage.

Is this product a money-saver?

"We're going to let the individual superintendent figure out how much he's saving," says Dr. Kageyama. "But it looks like there's substantial savings."

According to Fetter, the new PGRs are now available in limited markets. They will be expanded more broadly through the South in the spring of 1987. And they are just the beginning.

Scott's this spring also received EPA label approval for ProTurf Fairway Fertilizer with TGR for poa annua control on bentgrass, bluegrass and ryegrass fairways. According to editorial communications manager Dave Slaybaugh, the growth regulator for cool-season grasses will be on the market this fall.

LANDSCAPE

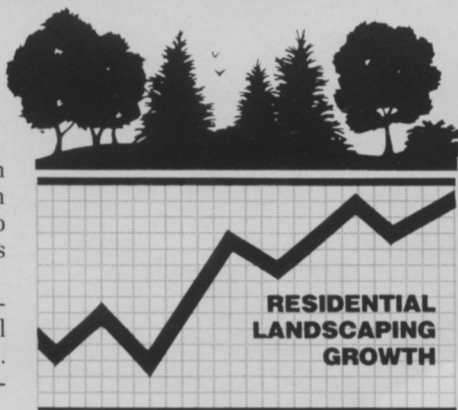
Survey: residential landscaping grows

Residential landscaping has shown stronger growth than landscaping in the commercial sector, according to the National Landscape Association's 11th annual economic survey.

Commercial renovation, residential renovation and new commercial landscaping also have improved. Those responding to the survey expect continued growth.

Predictions for 1986 sales showed that 49 percent see an increase in new residential landscaping; 46 percent say it will remain the same; 5 percent predict a decrease.

For new commercial landscaping, 41 percent forecast an increase, while 15 percent see numbers falling. More than half the respondents, 53 percent, believe no change will occur in resi-



dential renovation, although 40 percent see an upswing.

A high 61 percent see no change in commercial renovation. Only 27 percent look forward to an increase.

The survey also determined changes in business. Nationally, business increased 26.1 percent from 1984 to 1985, and is predicted to increase 16.8 percent from 1985 to 1986.

PESTICIDES

Stauffer wins right to register sulfosate

Stauffer Chemical Co. will apparently get the go-ahead to have its registration application for sulfosate processed, following a district court ruling. Sulfosate is Stauffer's glyphosate, a non-selective herbicide registered by Monsanto Chemical Co. and sold as Roundup.

A district court judge denied Monsanto's requests for a preliminary injunction and declaratory relief. The judge concluded, according to an EPA in-house memo, that Monsanto had not demonstrated that it would be "irreparably harmed...and the interests of Stauffer outweighed the harms alleged by Monsanto."

As the August WEEDS TREES & TURF went to press, Monsanto had not appealed the decision.

U.S. EPA finalizes rules for small quantity generators

The U.S. Environmental Protection Agency has finalized rules according to the Resource Conservation and Recovery Act (RCRA) for small quantity (hazardous waste) generators (SQGs).

According to the Federal Register, SQGs must now, by law, comply with the following rules:

- "determine whether their wastes are hazardous;
- "obtain an EPA identification number;
- "store hazardous waste on-site for no more than 180 or 270 days in compliance with specially modified

storage standards (unless they comply with the full regulations for hazardous waste management facilities);

- "offer their waste only to transporters and facilities with an EPA identification number;

● "comply with applicable Department of Transportation requirements for shipping wastes off-site;

- "use a multi-part 'round-trip' Uniform Hazardous Waste Manifest to accompany waste to its final destination; and

● "maintain copies of manifests for three years."



The Cushman Eagle was warmly received by dealers at Cushman's national dealer conference in June.

TURF VEHICLES

OMC Lincoln has high hopes for new Eagle

OMC Lincoln hopes to be flying high with its Cushman Eagle, a new line of utility vehicles designed for turf and industrial applications.

"This is the largest and most important product introduction that Cushman has had in a decade," says Frank McDonald, Cushman Division director of marketing.

Orders were taken at June's annual dealer conference in June, and deliv-

eries should begin in September.

Cushman will be marketing the Eagle 550 and Eagle 551 to golf course superintendents, parks and recreation managers, and other landscape management personnel.

"We have engineered the Cushman Eagle line from the ground up," says Dan Hedglin, OMC Lincoln sales manager. "These new units fill a need for true multi-purpose vehicles which specific markets told us they were looking for."

Hedglin says Cushman performed an extensive dealer survey beginning in December 1983, asking what buyers wanted in a utility vehicle. The results, he says, were considered in designing the Eagle.

The Cushman Eagle 550 and Eagle 551 are targeted exclusively for turf applications. Features of the 550 include: polyurethane body panels; an 8.5-hp, four-cycle Kawasaki engine; 1,200 lbs. payload; and rack and pinion steering.

"The Cushman Eagle incorporates a lot of innovative features that are not available on any other product on the market today," says Hedglin.

SOD

Warren's Turf relocates sod farm

Warren's Turf Professionals recently moved its Southern California area sod production farm from Perris to Winchester, Calif.

The new farm, located about half-way between Los Angeles and San Diego in rural California, features more than 300 acres of bluegrass, fescue,

bermudagrass, St. Augustinegrass, and other turf types.

Warren's held an open house in May to mark the official opening. Guests viewed field demonstrations such as sod harvesting, irrigation, sod netting, and seed bed preparation.



GOLF

MacGregor develops 'Cayman' golf ball

MacGregor Golf Co. has developed a special ball for short-course golf, dubbed the "Cayman" ball because it was designed to be used on Jack Nicklaus's famous short course on Grand Cayman Island (see WT&T, May, 1985).

"The most obvious difference is appearance," says Larry Cadorniga, who designed the ball. "Instead of having dimples, like the regular ball, the Cayman has pimples. This improves stability in windy conditions, which would otherwise cause problems for the light ball."

The ball is made of foamed Surlyn ionomer resin, made only by Du Pont. It limits drives to about 130 yards or so.

"When struck, one side of the ball flattens for an instant," says Cadorniga. "It then regains its form as the ball takes off because of the resiliency of Surlyn."

LANDSCAPING

How much value does nice yard add to home?

Homes in the \$122,000 range with trees growing on the lot sold for about \$5,700 more than those with lots that had been cleared, says a Texas A&M University study.

The research involved 85 homes around Atlanta, Ga.

According to another study, this one by the American Association of Nurserymen, a nice-looking yard increases property value up to 30%, with an average of about 12%.

One of the studies in the AAN's files was conducted by a U.S. Forest Service employee, who showed photos of identical homes with and without attractive yards to real estate authorities. They claimed selling prices would be 12% higher for the well-landscaped homes.

SHORT CUTS

LET'S GET IT STRAIGHT...Our May "Short Cuts" column contained a few words about the popular Rockhound grooming tool. While the piece was accurate, it may have been misleading. Gary Erholm, president of K.E.M. Enterprises in Tacoma, Wash., assures us that his company still prospers. As we wrote in May, the Melroe Co. (Bobcat owners) purchased both patent and manufacturing rights to the Rockhound. Melroe is the exclusive manufacturer. However, the Rockhound is still available through K.E.M. dealers. It's also available as the Landscape Rake through Bobcat dealers.

QUOTE OF THE MONTH..."Professionalism requires that we look no farther than inside our own hearts and souls." (Lauren Lanphear, Forest City Tree Protection Co., South Euclid, Ohio)

AND THE WINNER IS...Michael Duchemin of Haverhill, Mass. won a tool chest and cabinet from John Deere when his name was drawn at the Deere booth on the last day of the 1986 Landscape Exposition in Valley Forge, Pa. The prize retails at \$379.95. Dan Brier and Daniel Gundacker of Deere's Consumer Products Division, Syracuse, N.Y., are still trying to figure out how to send it to him.

WEIRD WEATHER...Unusually warm spring weather this year has changed buying patterns in the green industry. "Spring didn't come, it was just here," says Rudd McGary of All-Green Management Associates, Columbus, Ohio. "We've talked to 20 or 30 landscape and lawn care companies, and their stream of money is coming in differently this year because of the warm February and March weather. There was some delayed buying. As a matter of fact, everything dealing with agriculture is off-pattern—not necessarily bad—just off-pattern."

GOOD READIN'...A handbook on troubleshooting and maintaining landscape irrigation systems is available from The Idea Bank. The book has step-by-step guidelines and how-to illustrations for employees. It includes information on how to repair faulty wiring and how to recognize poor control valves. To receive the manual, send \$16 to Richard Lambert, The Idea Bank, 1000 East Apache Blvd., Suite #211, Tempe, AZ, 85281, or call (800) 621-1136 or (602) 829-1233 in Arizona.

SUPER SUPERINTENDENT...Armen Suny, superintendent at Castle Pines, Col., has been named "Superintendent of the Year" by Seed Research of Oregon, Inc. Suny won the title for his work at Cherry Hills, site of the 1985 PGA Championship. He used improved turf-type perennial ryegrasses for completion of tees, fairways, and roughs where bluegrasses are traditionally used. On his fairways he planted a mixture of creeping bentgrasses to show that genetic diversity is just as important in bentgrasses as in other species.

PARKS

New Yorkers want park system upgraded

For the first time ever, police patrol has not been ranked the number one concern of New York City's 59 community boards.

Park maintenance has, according to a report in the *New York Times*.

"It indicates a feeling among people that money spent on parks brings visible results in neighborhood improvement," park commissioner Henry Stern told the *Times*.

The budget for New York's Department of Parks and Recreation has grown from \$124 million in 1984 to \$165 million in 1986; employees have increased from 3,900 to 4,919. In the last two years, 290 city parks have been improved, and major repairs are scheduled for 200 more this year.

TURF

Spartan gets its certificate number

Spartan hard fescue has received a plant variety protection certificate number, according to Dr. Jerry Pepin, director of research for Pickseed West Inc.

Spartan is a leafy, persistent, turf-type hard fescue. It has cold tolerance and produces attractive, dense, low growing, fine textured turf.

"It's best used as low-management type turf," Pepin tells WEEDS TREES AND TURF. "If you live in the northern states and don't want to water or fertilize, but still want to have a nice lawn, you'd use Spartan."

Besides working well in northern states, Pepin says Spartan will work better in the transition zone than chewing and creeping fine fescues.

Pepin stresses the biggest advantage of Spartan is its heat and drought tolerance.

SPORTS TURF

Changes in sport mean management changes

Changes in sport itself have precipitated changes in sports turf management, according to David Frey, field supervisor for Cleveland (Ohio) Stadium.

"In the 1950s, football games were nothing but mudbaths," Frey told a group of reporters who were guests of Ford Tractor at the stadium this spring. "Then Astro Turf came along, and there was more concern about the appearance of sports fields."

Another consideration that has

increased the demand for good-looking fields is television. "Now you can see all the other fields," Frey related. "Right up until about 1981, there was no sharing among field managers, but now people welcome you to come in and see their fields."

Other factors which have increased the demand on sports turf managers are:

● Since baseball teams now have more commitments (like televi-

sion), they are less likely to cancel games because of inclement weather; and

● In football, the hash marks have been moved closer to the center of the field, increasing traffic down the middle.

Frey, immediate past president of the Sports Turf Managers Association, keeps the stadium's baseball infield mowed at 1 to 1½ inches, the outfield at 1¼ inch, and the football field at 4 inches.

HERBICIDES

Regulatory actions to restrict compounds

Several major herbicide compounds are on their way out, according to a paper released at Bio Expo '86.

The paper, "Herbicide Resistance: Environmental and Economic Issues," was written by Drs. Charles Benbrook, executive director, and Phyllis Moses, staff officer, of the board of agriculture, National Research Council.

The paper says that "compounds in major classes of products including the triazines, acetamides, phenoxy, and phenylurea are falling under dark regulatory skies. Over the next five years, it is likely that the use of a half dozen or more major products in the United States—indeed in several other countries—will be severely restricted, if not eliminated altogether."

The paper says that eventually regulatory actions will limit the range of uses of many of the older compounds. It also noted that more than 130 active ingredients for weed control are in various stages of development with at least 50 expected to gain registration in the next decade.

Specifically, the paper cited that glyphosate's price will probably fall since the patent is about to run out. Stauffer Chemical is working toward registering an "essentially identical product, sulfosate."

GOLF

NGF opens three new service bureaus

In an effort to better serve the development of golf facilities, the National Golf Foundation has opened three regional offices.

The East, West, and Midwest bureaus will provide expertise in golf course development, says Sheridan Much, NGF vice president of operations.

"These new bureaus will enable us to better customize our services to the area," Much says. "Each of our bureau directors is very familiar with the character of the areas he will cover."

NGF West, located in Scottsdale, Ariz., will be managed by Ted Zahn. Zahn is also the Foundation's director of education. It will serve 13 states.

Bob Slauson, NGF's director of golf facility consulting services will head NGF East in Marietta, Ga., serving 22 states.

Much will manage NGF Midwest in Lawrence, Kans.

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EQUIPMENT

Jl Case marks 175,000 loader/backhoe sales

Jl Case has sold its 175,000th loader/backhoe manufactured at its plant in Burlington, Iowa. The lucky purchaser is Robert Gregory Jr. (below) of Green Thumb Landscaping Co., Annapolis, Md.

A ribbon-cutting ceremony commemorated the manufacturing of the unit on Oct. 31, 1985. Case pioneered the first loader/backhoe available from a single source in 1957.

Also pictured here is local Case distributor Jay Weamer, sales manager for Suit & Wells Equipment Co., Upper Marlboro, Md.



PEOPLE

Dr. Turgeon named Penn State University agronomy head

Dr. Al Turgeon is named professor and head of Penn State University's agronomy department. He is former vice president of research and technical services for Tru-Green Corporation. He continues in a consulting capacity with Tru Green. Dr. Turgeon is also former resident director of research at the Texas A&M Research and Extension Center in Dallas.



Al Turgeon



Henry Nadler

Doug Wilbrandt, owner of CBD Landscaping, Crystal Lake, Ill., has been named "National Young Entrepreneur of 1986" by the United States

Small Business Administration. He was originally nominated by the Center for Industrial & Business Employee Training of McHenry County College and also won the title at the state level.

James A. Fink is vice-president of operations at Lesco Inc. in Rocky River, Ohio.



Neal Howell



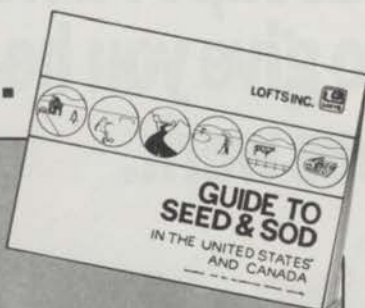
Gene Selawski

PBI-Gordon Corporation names Henry Nadler director of sales and marketing for its pesticides. Neal Howell joins the company as director of technical sales services—soil amendments. Gene Selawski is regional sales manager for the company's Eastern Division.

Claus A. Sass is promoted to grower services manager for the Jacklin Seed Company's Oregon opera-

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*Ken Detwiler, Contractor
San Bernardino, CA*

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tions. He's been with the company for six years.

Brian Houston is elected 17th president of the **Canadian Golf Superintendents Association**. A five-year member of the CGSA Board of Directors, he is superintendent at Vancouver's prestigious Shaughnessy Golf Club.

Russ Gillum joins the Ball Seed



Claus Sass



Russ Gillum

sales staff, covering the San Francisco Bay area. He started with the company in 1965.

Charles F. Adams is appointed business manager, specialty products in the Vegetation and Pest Control Ventures Department of **American Cyanamid's Agricultural Division**. He's held a number of technical sales and marketing positions since joining

the company in 1974.

Bob Bryant is appointed golf manager for **Rain Bird Sales Inc.** **Denyse Arles** is appointed inside sales representative for the company's Turf Division while **Tom Shannon** is Southeast



Bob Bryant



Denyse Arles

district manager for the Turf Division.

William F. Kirk, general director of the Du Pont Company's Agricultural Products Department, is named distinguished alumnus by the **University of Illinois College of Agriculture Alumni Association**. He is a 1964 graduate.

Wade E. Terry is director of sales for **The Toro Company's Irrigation Division** in Riverside, Calif. A Toro employee since 1970, he will manage company sales programs. **Ken Kline** is named technical/sales training man-



Wade Terry



Ken Kline

ager for Toro's Irrigation Division. He is a former irrigation installation professor at Cal Poly—San Luis Obispo.

Warren's Turf appoints **Steve Teeple** national sales manager. He has experience in the materials handling industry.

Ken Killian is elected president of the **American Society of Golf Course Architects**. He began his architectural career in 1956 and started his own firm in 1983.



Steve Teeple

Tim Peter is promoted to director

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*Mike Crawford, Contractor
Jacksonville, FL*

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of engineering for **Ransomes Inc.** He has been an engineer with the company for seven years.

Ford Tractor appoints **Joseph W. McAvoy** quality manager of Ford's Tractor Operations (FTO) as a result of the consolidation of FTO's Product



Ken Killian



Tim Peter

Quality and Quality Control offices. He's been with Ford since 1959.

Mike Baron is appointed residential market manager and **David G. Wheeler** is named industrial market manager of the Turf Division of **Rain Bird Sales Inc.**

Simplicity Manufacturing promotes **Bill McKee** to area sales manager for Western Pennsylvania and **Pat Hanlon** to district sales manager for Northern Illinois.

Morton McDonald Jr. is appointed

director of sales and business development in the Crop Protection Chemicals Department of **American Cyanamid's Agricultural Division.**

Lynda Minchin is regional sales manager for 10 Midwestern states and Los Angeles County for **Hunter Industries.** She has 13 years experience in landscape contracting.

Kohler Co. appoints **George R. Tiedens** group vice president—power systems, and **James M. Roenitz** vice president—plumbing and specialty products North America.

Gary Curl is named business man-



Joseph McAvoy



Mike Baron

ager of **Pennwalt Corporation's Agricultural Division.** He is involved in developing the company's endothermal products.

R. William Marberger is elected

president of **The Pennsylvania Turfgrass Council.** He is a turf specialist with the Mid-Atlantic Equipment Corporation in Collegeville, Pa.



David Wheeler



Bill McKee

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*Charles Ellis, Contractor
Oklahoma City, OK*

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