"One of my employees ran the mower into the lake. My wife totalled our new Volvo. And my daughter just dyed her hair purple. But what really concerns me is Pythium."

There's one sure way to avoid worrying about Pythium. Use Subdue fungicide. Subdue stops Pythium on contact. And once absorbed by grass roots, Subdue protects your turf against further attack for up to three weeks. So don't let Pythium get you down. Get Subdue. Because you've got other things to worry about.

©1987 CIBA-GEIGY Corporation, Ag Division, Box 18300, Greensboro, NC 27409 Always read and follow label directions.
Lawn disease and problem lawns are your worst enemy as far as losing valuable accounts. With Ringer's LAWN RESTORE®, you can save those accounts and attract many new ones!

Over 300 lawn service companies used LAWN RESTORE this year with spectacular results. The university tests are proving more conclusively every year that LAWN Restore will, in fact:

• Prevent and control the conditions causing lawn disease.
• Reduce thatch build-up.
• Keep your lawns greener much longer.

LAWN RESTORE is absolutely safe to use around children, pets and lakes.

LAWN RESTORE is a proven, well-tested product THAT WORKS!!

Next year will be a critical year for you and your lawn business.

Contact your distributor or David Riffey, Ringer Corporation, 9959 Valley View Road, Mpls., MN 55344 (612) 941-4180. Or, see us at the Landscape Expo in Chicago, March 3-5.

Dennis Easley
Carleton College
Northfield, Minn.

Editor's note: The choice to use a model on the cover of our December issue was strictly one of logistics, not an effort to “juice up” the cover. WEEDS TREES & TURF's editorial offices are based in Cleveland, Ohio. Many of our cover shots are done by a professional photographer based in Cleveland. We searched high and low, but could not find a woman super in the greater Cleveland area. The editorial staff, which shoots many of the inside photographs, does not have the skill to take a professional cover shot. We have used male models in the past.

WEEDS TREES & TURF strives to report the issues facing the Green Industry in a fair and accurate manner. As far as the chemical industry goes, the Oct. 1986 issue reported on the use of Integrated Pest Management (IPM) at Longwood Gardens in Pennsylvania and prairies as a natural alternative to highly-manicured turf. The January 1987 issue reported changes in the chemical industry which have taken place over the years, including the recent trend toward searching for biological methods of disease and insect control. We plan more stories along these lines. The facts remain, however, that the majority of landscape managers use chemicals for disease and insect control. Experts tell us that effective natural methods are more than 25 years away. But we promise to report them as they develop.
WE REACH
THE PEOPLE YOU NEED
TO REACH!

Place a classified ad in any of these
HARCOURT BRACE JOVANOVICH PUBLICATIONS -
and you know your ad dollar is wisely spent.

Don’t forget that classified advertising works just as effectively in locating employees as it does if you are looking for a position, have a line, machinery or a business to sell, are seeking representatives or wish to buy a specific item. Let it go to work for you!

HBJ PUBLICATIONS does a better job of reaching those who count (your potential customers) than any other business publisher.

COUNT ON US
TO REACH THOSE
WHO COUNT!

Call Dawn Nilsen at 218-723-9200

HARCOURT BRACE JOVANOVICH PUBLICATIONS
One East First Street
Duluth, Minnesota 55802
Guard protects young trees from numerous hazards
Young trees can be inexpensively protected from rodents, string trimmers and mowers with the Trimmer Guard Protector from Trimmer Guard Products, Inc.
The self-sealing guard is easy to install. Each protector is six by nine inches and can wrap trunks three inches in diameter. Two protectors can be connected end-to-end for larger trees.
Trimmer Guard is sold wholesale in cartons of 24 for $22 plus $2 shipping.

Circle No. 190 on Reader Inquiry Card

Mower comfortable to its operators
Middlesworth Engineering and Manufacturing has introduced the Model C54R commercial riding rotary lawn mower, an out-front with a 54-inch cut. It features an adjusting lever with cutting heights from one to four inches.
The C54R has hydrostatic transmissions with variable ground speeds to six mph and true zero-turning radius. It uses a 16 hp Kohler engine.
The mower is designed to provide a very comfortable operating position because the operator does not straddle the engine or framework. A convenient handle assists the operator in mounting and dismounting.

Circle No. 191 on Reader Inquiry Card

Front-mount designed for commercial use
Kubota Tractor recently introduced an entry into the commercial turf maintenance market, the F2000 front-mount mower.
The F2000 is equipped with a 20 hp liquid-cooled diesel engine, four-wheel drive, differential lock, rear-wheel steering, hydrostatic transmission and power steering.
The machine, its manufacturer

SDI TURF SPRAYERS
Trouble-Free Turf Maintenance Year Round!
The most advanced spraying devices in turf care that work season after season with trouble free start-ups.

- Nationwide Service Centers
- Non-Corrosive Materials For Long Life
- 50 to 1,000 Gallon Tanks Available
- 46 Models to Choose From

A full line of spray units for Lawn, Turf, Trees and PCO. Send in for free brochure listing all types of units to do the right job for you. Remember, the right equipment goes a long way!

SEND FOR FREE BROCHURE

Cut Maintenance In Half With SDI

Circle No. 173 on Reader Inquiry Card
INTRODUCING SCAG’S FULL LINE OF COST CUTTERS.

Scag offers a full line of money-saving, low-maintenance commercial riders and walkers tough enough to handle all your jobs. Not only do Scag mowers cost up to 25% less than comparable models, their easy, self-service design allows for on-site tire changes, replacement of spindle bearings and other repairs at a fraction of the usual time and expense.

What’s more, when you save with Scag you don’t sacrifice performance because Scag’s machines cut up to 30% faster than competitive brands. And, Scag mowers are built from the highest quality parts and materials, like oversized cast iron pulleys, heavy-duty spindle and rugged pneumatic caster wheels. So, they’ll outlast as well as outperform ordinary mowers.

Boost your bottom line with Scag’s heavy-duty riders and walkers from 8- to 18-HP models with 32 to 61 inch cutting widths. See for yourself why no mower is easier to use than Scag.

W226 N900 Eastmound Drive
Waukesha, WI 53186
Phone: (414) 544-4090

IT SIMPLY COSTS LESS. AND CUTS MORE.

Circle No. 170 on Reader Inquiry Card
says, has smoother operation on terrain too steep or tractive conditions too slick for conventional two-wheel drive mowers. The front mount ensures good visibility, and travels up to 9.5 mph.

A 60-inch deck is standard, with cutting heights from 1½ to four inches. A 72-inch deck is optional.

Circle No. 192 on Reader Inquiry Card

Harness eases burden of transporting barrels
A harness designed to lift barrels from the end to transport them has been designed by Free Enterprise Systems. The Bold Eagle Barrel Harness can lift any 55-gal. or smaller drum with a lip around the end, and can be lifted vertically and suspended with a chain hook or other hook.

Weighing two pounds, it has a lifting capacity of 840 lbs.

Circle No. 194 on Reader Inquiry Card

Sulphate of potash available in bulk, bags
Sulphate of potash in bags or bulk is now available from Tyler Enterprises, Elwood, Ill. This potash is of consistently high quality with .14 percent insolubles.

Tyler currently supplies turf market professionals with a diverse selection of custom formulated fertilizers and chemical control products, including its proprietary line of Greensward Custom Formulated Fertilizers.

Circle No. 193 on Reader Inquiry Card

Liquid chemical spreader pump ground-driven
The WS-490 Greens Wheelie, manufactured by Wheel Spray, is a liquid chemical spreader with a unique ground-driven pumping system. This new model features larger, easy-to-push pneumatic-type rubber tires and

The Growing Choice

Hydrograssers & Power Mulchers

- Low Maintenance Design
- Dual and Quad "Hydro-Jet"
- Agitation with Verticle Homogenizers
- High Speed Mulch Grinder
- No Clot Mulch Chamber
- Direct Drive

WRITE OR CALL TOLL FREE (800) 526-7687

Dealer inquiries invited.

Reinco
PO. Box 512, Plainfield, N.J. 07061-0512 (201) 755-0921

Circle No. 164 on Reader Inquiry Card
INFOMETRICS IS YOUR FULL SERVICE RESEARCH CENTER

• Custom Surveys
• Wats Interviewing
• Direct Mail
• Focus Groups
• Telemarketing
• Qualified Sales Leads
• Directory Updates
• Subscription Sales and Renewals
• Subscription Verification

........... with vital marketing data gathered by our experts using proven research techniques.

........... all supported by the highest quality in-house printing and mailing facilities, tabulation and analytical systems.

Count on us for your special research needs.

Free cost estimates

Infometrics
National Research Center

A SERVICE OF HARCOURT BRACE JOVANOVICH PUBLICATIONS
131 West First Street
Duluth, Minnesota 55802
Ph: (218) 723-9200
a thick-wall 10-gallon tank with a wide mouth lid.

The Wheelie is used to apply liquid fertilizers, herbicides, fungicides, insecticides and growth regulators. The twin wheel pumps spray a fan of solution six feet wide at the rate of 1,000 sq. ft. per gallon.

The operator controls shut-off valves from the handle grips whenever spray nozzles are used independently.

Circle No. 195 on Reader Inquiry Card

Tarp Machine reduces labor on fields

The new Tarp Machine reduces time and labor costs in rolling and unrolling fabrics on athletic fields by making the job quick and easy.

The machine fits on the back of any three-point hitch tractor with a power take-off. It is best used with a four-wheel drive tractor, making it safe to use on turf.

The Tarp Machine will work with any size fabric or drum. It is ideal to use with tarps or geotextiles used on athletic fields, but can also be used for roadsides, railroad bed surfaces and ice rinks.

Circle No. 196 on Reader Inquiry Card

Irrigation controller series aids in water budgeting

The Irri-Trol Company introduced its new MC-Plus series irrigation controllers at the Southern California Turfgrass Show.

The programmable series provides more user control, and is available in four-, six-, eight-, 12-, 18- and 24-station models.

The computer can run four programs concurrently, and has an alarm indicating incomplete programs. The controller displays the time at which each watering cycle ends, with a programmable watering calendar of up to 16 days. It also displays the total watering time for each cycle.

The controller comes with single-station timed operation to turn on a station manually for its programmed watering time without advancing to the next programmed station. The system is also remote control ready.

Circle No. 197 on Reader Inquiry Card

Improved bale chopper has stronger engine

Gossen Industries' bale chopper now uses an 11 hp gasoline engine for increased power when handling heavy materials. A hopper cover has been added, and a single-level grate control adjusts through multiple locking posi-

environmental industries, inc. and its subsidiaries

valley crest tree company
western landscape construction

environmental care, inc.
valley crest landscape, inc.

We are expanding. If you are looking for a career opportunity rather than just another job, consider linking your future to ours. We are looking for experienced people in the following areas:

☐ Landscape Construction
☐ Landscape Maintenance
☐ Purchasing—Estimating
☐ Sales—Customer Relations
☐ Field Personnel
☐ Tree Growing
☐ Interiorscape
☐ Arborists

We specialize in Landscape Construction, Maintenance, Irrigation, Site Development and Tree Growing and Moving.

☐ Arizona ☐ Colorado ☐ So. California ☐ No. California ☐ Texas

Please circle your area of interest and return this ad with your complete resume to:

environmental industries inc.
Personnel Department
24121 Ventura Boulevard
Calabasas, CA 91302

an equal opportunity employer by choice

Circle No. 127 on Reader Inquiry Card
Excellent Overall Performance

Jaguar takes care of itself. It needs less feeding and thrives in hot weather and drought with limited watering. Jaguar takes traffic because it forms a dense, deeply-rooted persistent turf. Jaguar resists diseases (Rhizoctonia brown patch, in particular) and tolerates shady, low light areas. Jaguar needs less mowing. It is lower growing and more tolerant of close cutting. Jaguar has a leafier, finer texture and beautiful dark green color.

To find out more about Jaguar Turf-Type Tall Fescue contact the distributor nearest you or circle the number below on the card in back.

Garfield Williamson, Inc.
Jersey City, NJ 07306
201-435-3500

Byrum Seed Co.
Charlotte, NC 28224
704-527-0481

Manglesdorf Seed Co.
St. Louis, MO 63110
314-535-6700

Geo. W. Hill Seed Co.
Florence, KY 41042
606-571-8423

Wesel Seed Co.
Hanover, VA 22801
703-454-6755

Circle No. 130 on Reader Inquiry Card

Germains, Inc.
Fresno, CA 93777
209-233-8823

Los Angeles, CA 90051
213-589-6331
tions, raising or lowering the grate to vary depth of cut in 1/16-inch increments.

The lever allows immediate adjustment for a variety of materials during operation with no tools required.

**Tractor series perfect for year-round use**

Four new 200 series (under 30 hp) tractors from Case IH, Racine Wis., with PTO horsepower of 15.2 to 27 are designed to help the turf-care specialist perform better in year-round estate and general grounds keeping.

The series includes the 235, 245 and 255, improved versions of the 234, 244 and 254, plus a new model 275. All models have a newly-designed control system, a lighted dash panel with electric gauges for late evening operation, and an expanded selection of turf tire sizes.

The mid-mount PTO, available on all models except the 235, provides direct power flow to front- and mid-mounted implements. Synchronized transmission with live PTO is standard on the 275 and optional on all other models except the 235.

All 200 series tractors feature foldable ROPS for operator safety. Attachments include cultivators; side-, rear- and front-mounted mowers; snow throwers; blades and loaders.

**Bale chopper eliminates some time, labor costs**

The Finn Corporation, Fairfield, Ohio, has added a bale chopper to its product line that, Finn says, increases.

---

**FREE...**

**LOFTS TURF GUIDE**

Loft's Guide to Seed and Sod in the U.S. and Canada is available free of charge on request. The Guide is a complete reference for turf grasses, with comprehensive information on use, adaptation, planting dates and rates. This latest edition also includes a section on ornamental grasses and their application.

For your free copy contact Marie Pompei, Research Department, Loft's Inc., Box 146, Bound Brook, NJ 08805, (201) 560-1590.

**A GREAT TRAILER for TURF MANAGEMENT!**

There is a Capacity to Fill Your Needs from 1-Ton to 5-Ton

Steel structured for maximum life and minimum maintenance. Wells Cargo trailers are an easy, economical, efficient way to haul nursery stock, fertilizer, seed, sprayers, implements, mowers... everything your job requires.

We have manufacturing sales & service facilities in IN, GA, TX, & UT and a national network of dealers to serve you.

For FREE literature call TOLL FREE 1-800-348-7553 or write Wells Cargo, Inc.

P.O. Box 728-595
Elkhart, IN 46515
(219) 264-9661