

**You've made us the Number 1
fine-leaved perennial ryegrass
coast to coast.**



CIL Sulphur Coated Urea

The Number One Controlled Release Nitrogen Fertilizer



CIL Sulphur Coated Urea is being tested against other controlled release nitrogen fertilizers at 14 different universities in the U.S. and Canada. Photo above shows one of the test sites with CIL Sulphur Coated Urea treated grass in foreground.

Efficient

- Release of nitrogen is controlled by moisture. Temperature and bacterial activity are not important factors. Excess moisture however, **does not** markedly speed up the release of the nitrogen.
- Soil pH does not alter pattern of release.

Background photo:
CIL Sulphur Coated Urea prills
actual size.

Efficient Effective Economical

Effective

- Tested on grass plots under scientifically controlled conditions, CIL Sulphur Coated Urea outperformed all conventional slow release nitrogen fertilizers tested, in both the appearance and growth of grass obtained.
- CIL Sulphur Coated Urea releases nutrients as soon as it is applied and continues to do so evenly over 4 to 5 months. Result is more complete utilization of nitrogen applied, and no build up of nitrates in the soil.

Economical

- Low cost per unit of controlled release nitrogen.
- Available in bulk or in 55 lb plastic bags.



Please send me more information about **CIL Sulphur Coated Urea.** ☐
Please advise who can supply me with blended products made with
CIL Sulphur Coated Urea. ☐

Name..... Company.....
Street.....
City.....
State.....
Zip.....

Mail to:
Peter Buckley
Professional Turf Products
Canadian Industries Limited
P.O. Box 5201, London, Ontario, Canada
N6A 4L6 Telephone: (519) 672-9220

**A dependable source of supply
of quality products, in commercial
quantities, from Canada's largest
chemical company**



Canadian Industries Limited

ties, such as restaurants and lodging; plus sports, such as golf, boating, and tennis, are watched and carefully maintained. "We have enough things that produce money to offset what doesn't make it—our gardens, displays, and greenhouses," Dalby says.

Dalby is also a member of the board of regents for Maintenance-Management School, a two-week course held every winter at Oglebay Park. Conducted by North Carolina State University in cooperation with the National Recreation and Park Association, the course deals in all aspects of park maintenance from planning and organizing to supervising personnel.

A seminar every year at the Great Lakes Park Training Institute in Angola, Indiana, also deals with park maintenance subjects. Topics concern whatever is pertinent at the time, and have recently included better use of growth retardants, mowing, and better use of manpower and materials. This five-day program is conducted by the Department of Recreation and Park Administration at Indiana University.

For more information on the Park and Recreation Maintenance Management School, contact Alice Strickland, North Carolina State University, Div. of Continuing Education, Post Office Box 5125, Raleigh, NC 27650. 919/737-2261.

For additional information on the Great Lakes Park Training Institute, contact Dr. Richard Lawson, Indiana University, HPER bldg. Room 133, Bloomington, IN 47405. 812/337-4711. **WTT**

A Great New: LABOR SAVER ROSS TreeGARD™

Ross TreeGARD is a snap-on plastic tube that expands to fit any young tree. Snaps-off & on in seconds for bark inspection.

Protects trees from:

- Sun scald
- Rabbits and other rodents
- Mower bruises
- No taping, tying or gluing
- Allows proper ventilation

If your distributor doesn't stock ROSS TreeGARD™ order direct, freight pre-paid!



Ross Daniels, Inc., 1720 Fuller Rd., West Des Moines, Iowa 50265

Gentlemen please ship me:

| | |
|-----------------------------------|----------|
| #1687 24" TreeGARD 400/case | \$ _____ |
| 1-5 cases: _____ @ \$169.50/case | \$ _____ |
| 6-25 cases: _____ @ \$153.25/case | \$ _____ |
| 26 plus: _____ @ \$143.25/case | \$ _____ |
| #1695 36" TreeGARD 200/case: | |
| 1-5 cases: _____ @ 127.00/case | \$ _____ |
| 6-25 cases: _____ @ \$115.00/case | \$ _____ |
| 26 plus: _____ @ \$107.50/case | \$ _____ |
| Total: | \$ _____ |

NAME _____
COMPANY _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

Circle 144 on free information card

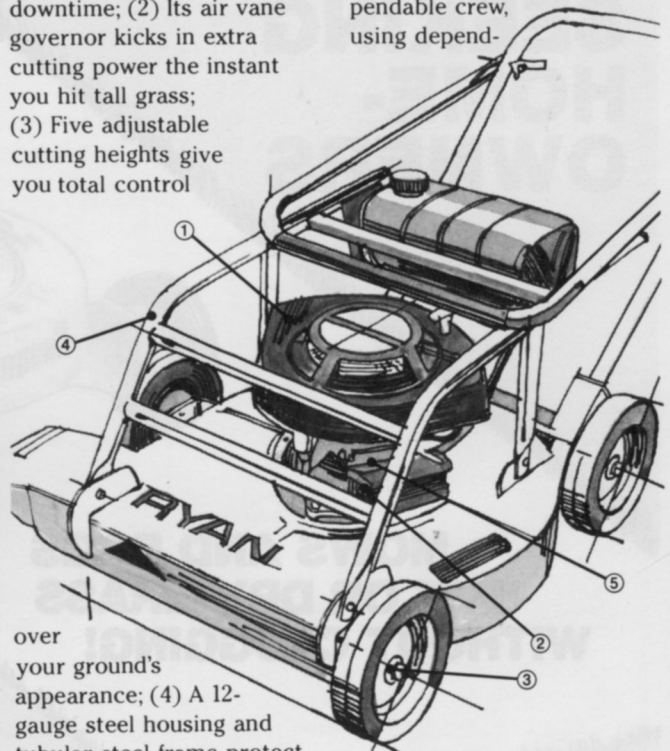
There just isn't another mower built like Ryan's.

After just a year in the field, the Ryan Commercial Mower has attracted a lot of attention. It just may be the toughest high-performance mower you've ever seen. Here's why.

(1) Its simple 2-cycle engine has fewer moving parts, so you get a longer life cycle of power with less downtime; (2) Its air vane governor kicks in extra cutting power the instant you hit tall grass; (3) Five adjustable cutting heights give you total control

you save on repairs. Instead of rebuilding the engine parts you can replace the entire component. Economically. And fast.

With operating costs getting higher all the time, you need to get the most out of every hour's wage you pay. That takes a dependable crew, using depend-



over your ground's appearance; (4) A 12-gauge steel housing and tubular steel frame protect the engine as you cut around shrubs and fence; (5) There's a fuel-efficient fixed-jet carburetor.

And Ryan's modular parts replacement system helps

able equipment. Like the Ryan Commercial Mower.

Ask your Ryan dealer for a demonstration, and see for yourself how we build a mower.

80-CUR-3



The Commercial Mower

RYAN® TURF-CARE EQUIPMENT

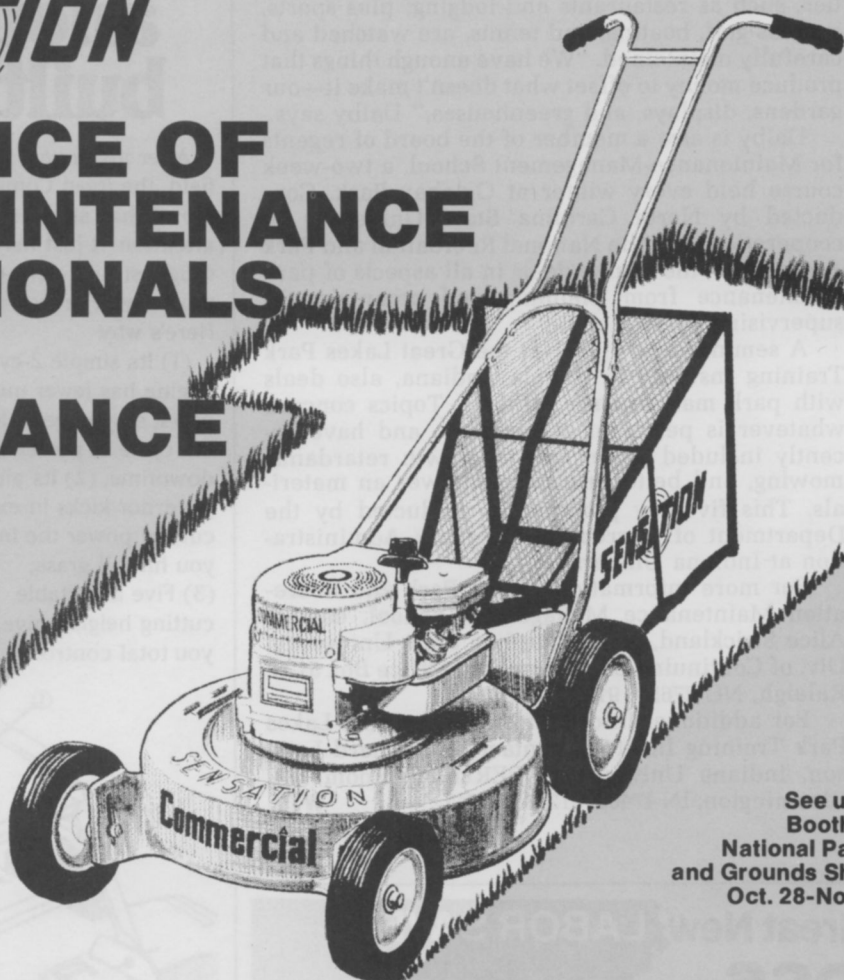
Day-In, Day-Out
Performance.

3024 Cushman
P.O. Box 82409
Lincoln, NE 68501

Circle 162 on free information card

SENSATION

No.1 CHOICE OF LAWN MAINTENANCE PROFESSIONALS AND PERFORMANCE SEEKING HOME- OWNERS



**MOWS AND BAGS
WET OR DRY GRASS
WITHOUT CLOGGING!**

Seeking Performance...Power... Durability? GET A SENSATION!

With exclusive valve rotator, replaceable wheel bearings, mag-aluminum cast deck, patented air lift blade with balanced fly wheel for bagging wet grass without clogging...SENSATION more than ever the No. 1 Choice.

**No. 1 features that make
the No. 1 difference for you!**

**WRITE TODAY FOR MORE INFORMATION ON SENSATION MOWERS...
THE SENSATION CORPORATION 3601 North 16th Street • Omaha, Nebraska 68110**

See us at
Booth 67
National Parks
and Grounds Show
Oct. 28-Nov. 1

THE HIGH-WHEELER MAKES SHORT WORK OF TALL GRASSES AND WEEDS...

Put power into your big jobs with the 24" self-propelled High-Wheeler. 5 HP Briggs & Stratton engine and geared transmission with 3-speed forward and reverse makes it ideal for toughest weeds & grasses.



WT&T

EVENTS

The current issue of **WEEDS TREES & TURF** carries meeting dates beginning with the following month. To insure that your event is included, please forward it, 90 days in advance, to: **WEEDS TREES & TURF Events, 9800 Detroit Ave., Cleveland, OH 44102.**

National Institute on Park and Grounds Management 9th Annual Conference, Opryland Hotel, Nashville, TN, **October 28-November 2.** Contact National Institute, Box 1936, Appleton, WI 54913. 414/733-2301.

Effective Communications Seminar by the Associated Landscape Contractors of America and the California Landscape Contractors Association, Riviera Hotel, Palm Springs, CA. **November 5-7.** Contact ALCA, 1750 Old Meadow Rd., McLean, VA 22102, 703/821-8611.

Maintenance Symposium by the Associated Landscape Contractors of

America, Red Carpet Inn, Milwaukee, WI. **November 6-9.** Contact ALCA, 1750 Old Meadow Rd., McLean, VA 22102, 703/821-8611.

Ninth Annual Colorado Crop Protection Institute, Colorado State University Campus, Fort Collins. **November 7-8.** Contact Bert Bohmont, Agricultural Chemicals Coordinator, Cooperative Extension Service, Colorado State University, Fort Collins, CO 80523.

Washington State Weed Association 29th Annual Conference, Town Plaza Motor Inn, Yakima, WA, **Nov. 7-9.** Contact the Weed Science Society of America, 113 North Neil St. 311 Illinois Bldg., Champaign, IL 61820. 217/356-3182.

Missouri Lawn and Turf Conference, Ramada Inn, Columbia. **November 7-9.** Contact Dr. John Dunn, Horticul-

ture Department, University of Missouri, Columbia, MO 65211, 314-882-7838.

International Society of Arboriculture (New York Chapter), Holiday Inn (downtown), Syracuse, NY, **November 11-13.** Contact Ervin C. Bundy, executive director, P.O. Box 71 — 5 Lincoln Square, Urbana, IL 61801. 217/328-2032.

North Carolina Recreation & Park Society Annual Conference, Civic Center, Raleigh, NC. **Nov. 11-14.** Contact William J. Scott, President NCRPS, PO Box 1668, Laurinburg, NC 28352.

Planning and Budgeting Seminar by the Associated Landscape Contractors of America, Ramada O'Hare Inn, Chicago. **November 15-16.** Contact ALCA, 1750 Old Meadow
Continues on page 56

Why Search All Over... When Princeton Has It All!



From inside this plant comes one of the most complete lines of Sod and Nursery Equipment available today. Search around and compare...but before you buy anything...CHECK WITH PRINCETON.

For example:

- Fully Automatic Sod Harvester
- Self-Propelled (crew served) Sod Harvester
- "Tow-Boy" Sod Harvester
- Rolled Sod Harvester (under development)
- Nursery Transplanters (various sizes & models)
- Tree Carts
- Fork Lifts (under development)
- Sod Plugger
- And Many Others



For further information write or call collect:
Rodger Osborne, General Manager
955 W. Walnut St.
Canal Winchester, Ohio 43110
614/837-9096

Rd., McLean, VA 22102, 703/821-8611.

Southern Turfgrass Conference, Little Rock Convention Center and Camelot Inn, Little Rock, AR, **November 18-20**. Contact Euel Coats, Southern Turfgrass Association, Drawer CP, Mississippi State, MS 39762. 601/325-3138.

Appropriate Horticulture II: Planting Out workshop, Vacation Village, San Diego, CA, **November 19**. Contact University Extension, University of California, Davis, CA 95616. 916/752-0880.

New Jersey Turfgrass Expo '79, Cherry Hill Hyatt House, Cherry

Hill, NJ, **November 26-29**. Contact Dr. Henry W. Indyk, General Chairman, Soils & Crops Department, P.O. Box 231-Cook College-Rutgers Univ., New Brunswick, NJ 08903, 201/932-9453.

Center Pivot Irrigation course, Lincoln, NE, **Nov. 27-29**. Contact the Irrigation Association, 13975 Connecticut Ave., Silver Spring, MD 20906. 301/871-8188.

Design/Build Symposium, Kansas City Marriott. **November 28-30**. Contact ALCA, 1750 Old Meadow Rd., McLean, VA 22102, 703/821-8611.

Tidewater Shade Tree Conference, Norfolk Botanical Gardens, Norfolk, VA, **November 29**. Contact Roger R. Huff, city arborist, Municipal Center, Virginia Beach, VA 23456.

International Society of Arboriculture (Kentucky Chapter), Holiday Inn South, Fern Valley Road, Louisville, KY, **December 3-4**. Contact Ervin C. Bundy, P.O. Box 71 — 5 Lincoln Square, Urbana, IL 61801. 217/328-2032.

Symposium on Surface Mining Hydrology, Sedimentology, and Reclamation, Hyatt Regency Hotel, Lexington, KY. **December 4-7**. Contact Stanley Carpenter, University of Kentucky, College of Agriculture, Department of Forestry, 205 Thomas Poe Cooper Bldg., Lexington, KY 40546, 606/258-4608.

Ohio Turfgrass Convention and Show, Cincinnati Convention Center, Cincinnati. **December 4-6**. Contact The Ohio Turfgrass Foundation, 1827 Neil Avenue, Columbus, OH 43210, 614/422-2592.

Planning and Budgeting Seminar by the Associated Landscape Contractors of America, North Dallas Marriott. **December 4-5**, and Hilton Inn Airport, Denver, **December 6-7**. Contact ALCA, 1750 Old Meadow Rd., McLean, VA 22102, 703/821-8611.

Drainage Contractor Workshop, Indianapolis, IN. **December 10-11**. Contact Julian Bayley, P.O. Box 39, Hensall, Ontario, Canada, NOM 1X0, 519/262-3000.

INSTANT SHADE!



TS-66T: Ball diameter, 66 in.; ball depth, 48 in.; Maximum tree diameter, 6 in. tree trunk (approx.) Ball weight, 3168 lbs. (approx.) Available as a truck-mounted unit only.



TS-30: Ball diameter, 30 in.; Ball depth, 26 in.; Maximum tree diameter, 3 in. tree trunk (approx.) Ball weight, 355 lbs. (approx.) Trailer or tractor-mounted units. Flat-bottom tree spade option.



TS-20: Ball diameter, 20 in.; Ball diameter, 18 in.; Maximum tree diameter, 2 in. tree trunk (approx.) Ball weight, 109 lbs. (approx.) Tractor-mounted unit, or in combination with Vermeer T-218 Trencher.



NEW! TS-44M . . . far greater maneuverability than ever before. No more guesswork. The TS-44M hydraulically extends (up to 21 in.) and shifts (up to 15½ in. left and right of center). It's fast, accurate. Cuts set-up time to a fraction.

YOU CAN DIG IT WITH VERMEER Better yet, "instant beauty!" Nothing improves landscape more than trees and shrubs. And no one creates it as quickly and efficiently as The Diggin' Dutchman and his patented Vermeer Tree Spades. What about efficiency? Hydraulically-operated steel spades handle the entire job quickly and gently. No coffee breaks. No lunch hours. No overtime wages. It's a one-man operation! Choose from six quality built machines . . . and transplant or "package" small shrubs and trees — up to 8 inches in diameter — in minutes. Ask your Vermeer dealer for a demonstration today.

Vermeer



6310 New Sharon Road • Pella, Iowa 50219 • (515) 628-3141 • Telex 478-309

Circle 166 on free information card



No mixing, no burning, no hassle.

Introducing FOLIAN®... the easy-to-use liquid fertilizer that's safe and effective on any kind of turf.

FOLIAN is a complete fertilizer. Its special formulation of N-P-K, sulfur and iron gets nutrients directly into grass tissue. And FOLIAN will not cause tip burn when used as directed.

Convenient to use

FOLIAN is the only turf-builder you'll ever need. It saves you time because there's no mixing or agitation required before using FOLIAN. And FOLIAN can be applied in more concentrated form than most other liquids. As a result, you can service more lawns per truckload

with fewer wasted man-hours.

A clear solution of the highest quality, FOLIAN won't settle out in your tanks. It's compatible with most pesticides, too.

Greens lawns fast

Because of its patented formulation and foliar activity, FOLIAN greens up turf quickly — faster than dry fertilizers or suspensions. And at the recommended rates, FOLIAN supplies enough residual fertilizer in the soil to keep grass green and healthy for many weeks.

Good for your business

Your customers will love the results

FOLIAN gives. And you'll appreciate FOLIAN's convenience.

Best of all, FOLIAN makes your lawn care service more valuable. It means repeat business from satisfied customers and greater confidence in you.

Give FOLIAN a try and discover how it can mean more green for both of you.

To find out more about how to get started using FOLIAN, call toll-free 800-228-2178 Omaha, Neb., 800-446-1841/800-446-1845 Hopewell, Va. or write Allied Chemical Corporation, Dept. AG, Box 2120, Houston, TX 77001.

Circle 103 on
free information card



FOLIAN® complete liquid fertilizer.



**Next year's
immaculate fairways
start this fall with**

TRIMEC[®]
Turf Herbicide



TRIMEC®. How this pioneer of fall dandelion control improves your turf management throughout the year.

Immaculate turf, balanced workloads, peak efficiency begin with your fall use of Trimec Turf Herbicide.

There's no doubt that your life as a turf manager would be a lot easier if you could wipe out the dandelion crop in late fall. And you know why.

It's because those dandelions, surviving winter, put a heavy burden on your early spring — your busiest season. Before Trimec, you couldn't avoid an early February/March spray. But today, with Trimec, you can. Because Trimec is different.

One major difference is that Trimec is effective in temperatures as low as 50° F. This permits dandelion control from mid-October through late November, bringing immediate and year-long advantages.

One treatment replaces two

In the fall, for example, your sprays will encounter less wind, rain and mud. Ornamentals, going dormant (without spring's emerging tender buds and foliage) are less prone to drift damage. Seedling grass is mature enough to resist herbicide damage. And, with mowing finished, you'll have more time for spraying.

But the really good news happens next spring, when you can delay your first spray from four to six weeks. The reason: except for a few stragglers, you'll have no dandelions. And you'll have more time for other urgent work.

Now, your one spring spray does the work of two conventional sprays. It kills the few dandelions missed last fall, and the late-sprouters as well. Plus, it destroys the other weeds coming on — the plantain, sorrel, chickweed and thistle, virtually all broadleaf species. Consider the rewards of working with nature, not against it.

First, by shifting the early spring workload to a more accommodating time, you've become more efficient. The following seasons can be more productive. And you won't have the embarrassment of early-spring dandelions.

What's more, you'll have gained new cost-efficiency. Trimec's cost-



per-acre of weed-free turf is unmatched by any other herbicide, a fact confirmed by massive field and laboratory experience.

The Trimec formulation makes it possible

Trimec's active ingredients are ordinary chemicals that react in extraordinary ways, because the patented formulation of 2,4-D, MCPP and Dicamba are synergistic. Each chemical interacts with the others in a multiplication of power far greater than the sum of the components separately. This gives Trimec massive power with a light chemical concentration that's

ecologically sound and friendly to the environment.

Trimec's gentle, thorough action minimizes the risks of damage from root absorption and spray drift. It is biodegradable and precisely factory-formulated — the only herbicide that teams matchless cost efficiency with all these additional benefits:

- Controls the widest range of broadleaf weeds
- Gets hard-to-kill species with one treatment
- Wide safety margin for lawn grasses and ornamentals
- Minimum hazard from root absorption
- No vapor action after application
- Effective weed control in a wide temperature range
- Unique formula overcomes water-hardness problems
- Treated areas may be reseeded within two weeks
- Non-flammable and non-corrosive in use
- Stable several years above 32° F.
- Biodegradable; friendly to the environment

A test is convincing

We urge you to use Trimec for dandelion control this very fall. You'll be pleasantly surprised. At least test it on a single fairway, and see what happens. You have nothing to lose; everything to gain.

Your Gordon Distributor stocks Trimec Broadleaf Herbicide; Trimec Bentgrass Formula for 2,4-D-sensitive grasses; plus a whole family of superior turf products and companion services. Ask for his help; give him a call, today.

Trimec® is a registered trademark of PBI/GORDON Corporation, U.S. Patent No. 3,284,186.

Circle 160 on free information card

GORDON'S
PROFESSIONAL TURF PRODUCTS



**pbi / GORDON
CORPORATION**

300 SOUTH THIRD STREET
P.O. BOX 2276
KANSAS CITY, KANSAS 66110
913-342-8780



ONE PRODUCT **FORE**[®] TURF & ORNAMENTALS

Controlling diseases of turf and ornamentals requires a regular, preventive spray schedule rather than a curative one. A program of FORE fungicide gives you effective protection against 10 unsightly turf diseases plus algae and control of 22 damaging ornamental diseases. FORE is a broad-spectrum fungicide that helps maintain healthy turf and ornamental plantings. It is highly concentrated, making it an economical product, mixes readily with water, and stays in suspension with a minimum of agitation. Also, FORE is compatible with most other pesticides.

Call your local chemical supplier for additional information on FORE fungicide.

DISEASES OF TURF

Algae, Copper Spot, Dollar Spot (*Sclerotinia*), Fusarium Blight, Fusarium Snow Mold, Helminthosporium Melting Out, Pythium, Red Thread, Rhizoctonia Brown Patch, Rust, Slime Mold.

DISEASES OF ORNAMENTALS

| | |
|--------------------------------|--|
| Carnation | Leaf Spot |
| Crabapple, ornamental | Scab, Cedar-apple Rust |
| Dahlia, Lily, Tulip | Blight (<i>Botrytis</i> spp.) |
| Holly | Purple Spot |
| Hollyhock | Leaf Spot, Anthracnose, Rust |
| Honeysuckle | Blight (<i>Herpobasidium</i> spp.) |
| Iris | Leaf Spot |
| Pansy | Anthracnose |
| Rose | Black Spot |
| Snapdragon | Rust |
| Zinnia | Leaf Blight |
| Azalea, Camellia, Rhododendron | Petal Blight |
| Chrysanthemum | Petal Spot (<i>Botrytis</i> spp.) |
| Flowering dogwood | Anthracnose |
| Gladiolus | Leaf and Flower Spot (<i>Curvularia</i> and <i>Botrytis</i> spp.) |
| Pachysandra | Blight (<i>Volutella</i> spp.) |
| Peony | Blight (<i>Phytophthora</i> and <i>Botrytis</i> spp.) |

**ROHM
AND
HAAS** 
PHILADELPHIA, PA. 19105



Read the label carefully and use only as directed.