

A new natural team, Glade Kentucky bluegrass and trees! Glade performs well in moderate shade, especially when mixed with fine fescues. A selection from Rutgers University (tested as P-29), Glade is an improved, low-growing, medium to dark green grass with fine leaf texture and thick, rapid-growing rhizome and root system. Glade has good resistance to important turfgrass diseases including powdery mildew.

Like boys and trees, Glade and shade go together. Mixed with other elite bluegrasses and fine fescues in moderate shade, Glade is a natural.

Get new Glade at local wholesale seed distributors.



KENTUCKY BLUEGRASS

U. S. Plant Patent 3151

Another fine product of Jacklin Seed Company

# Ford announces the new 550!

FORD

Who in the world but Ford could have improved on the Ford 4500 tractorloader-backhoe, the workhorse of the Ford line? The new Ford 550, built in the same tradition, has a great new one-cubic-yard loader and Ford's field-proven 13 or 15-foot backhoe.

And talk about cabs! The Ford 550's quiet cab is new from the rubbermounted deck up. This spacious flat-deck, optional cab is the quietest ever made available on a Ford TLB rig. And handy swivel seat lets the operator pivot from tractor to backhoe controls

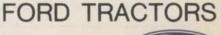
without unbuckling his seat belt. With all the comfort and convenience built into this new Ford quiet cab, operators will be able to work more efficiently.

The Ford 550 features a low-profile loader with straight box-beam lift arms. Designed to give the operator a good view of fieldwork. Other 550 features include track-width, self-leveling bucket action, 40-degree rollback at ground level, single-lever loader control, and optional return-to-dig.

New Ford 550. See it now. Visit your Ford Tractor and Equipment dealer. Circle 104 on free information card

He's listed in the Yellow Pages under "Tractor Dealers" or "Contractors' Equipment & Supplies". See him for information on how to buy, lease, rent or finance.

#### Who in the world but Ford!





## WEFDS TREESETURF.

December 1975, Vol. 14, No. 12

**14** A Chemical Resistant Grub... — Two well-known entomologists discuss new control approaches for the chlorinated hydrocarbon resistant Japanese beetle grub. Organophosphates in combination with milky spore disease, a natural predator of the grub, are being used with some success to obtain long term control.

**18** Junk Yard Owner Salvages Image — Even a junk yard can be somebody's rose garden says Mike Nolan, owner of the Y Yard. And Nolan is out to prove that an auto salvage operation doesn't have to look like a junk yard. With the help of herbicides, Nolan and other salvage yard owners are able to clean up their operations and improve efficiency.

20 New Deal for Old Course — Over 150 golf course superintendents attended the 10th Annual Golf Turf Symposium last month in Milwaukee. Superintendents discussed change in greens construction, irrigation installation and renovation, and also general course reconstruction to meet with new maintenance standards.

**26** Slumping Economy, Rising Costs — That's been a pretty familiar tune for many green industry businessmen in 1975. But it's the sod grower this time who's our subject. The national decline in home building has hit the grower hard. And now it's up to the individual to determine his course of action for 1976.

**32** Green Industry Association Report — We asked the green industry associations again this year to list their accomplishments in 1975 and goals for 1976. Here's a report on the 17 major associations.

**38 1975 Article and Author Index** — For our readers who keep back issues of WEEDS TREES and TURF, here's an index of articles and contributing authors for 1975.

Editorial 11	Meeting Dates 29
Government News  Business 12	New Products 44
Commercial Sod Industry 24	Classifieds/Ad Index 49
Industry News and Newsmakers 26	Trimmings 50

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**THE COVER** — On the 18th green at the Ashland Country Club, Ashland, Ohio, is a compliment of new products for 1976. On top is the Meyer's new "Turfline" sprayer. And providing the motive force for this operation is E-Z Go's GT-7 utility turf vehicle. PUBLISHED MONTHLY BY **THE HARVEST PUBLISHING CO.** 9800 Detroit Ave. Cleveland, Ohio 44102 (216) 651-5500

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EDITORIAL DONALD D. MILLER EDITORIAL DIRECTOR

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PRODUCTION

PAUL BALTIMORE DIRECTOR OF OPERATIONS

DARRELL GILBERT ADVERTISING PRODUCTION MANAGER 9800 Detroit Ave. Cleveland, Ohio 44102 (216) 651-5500

#### ADVERTISING

HEADQUARTERS: 9800 Detroit Ave. Cleveland, Ohio 44102 (216) 651-5500

JEAN NEUENDORF EXECUTIVE ASSISTANT

DOROTHY LOWE CLASSIFIED ADVERTISING MANAGER

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WTT-12



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The Medalist Brand turfgrasses are play-tested blends of finetextured perennial ryegrass, fineleaved fescues, bluegrasses and bentgrass. Each blend is designed to meet different growth and play requirements.

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CLIP & MAIL



#### It's fall.

#### For effective control of gray snow mold, use TERSAN<sup>®</sup> SP.

The trees turn color. But not your turf. It stays green.

To keep your course looking the way you want it, continue to follow the Du Pont TERSAN<sup>®</sup> 1-2-3 Disease Control Program.

To prevent gray snow mold, apply TERSAN SP. Should gray and pink snow mold be a problem, use a combination of TERSAN SP and TERSAN 1991. If pythium is a problem at overseeding, use TERSAN SP.

For effective year-round turf-disease control, the TERSAN 1-2-3 Program is the answer. It's effective, economical and a labor-saver.

Contact your golf course supplier for details today.

#### TERSAN 1•2•3 DISEASE CONTROL PROGRAM



With any chemical, follow labeling instructions and warnings carefully.



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I play with concentration and I play for enjoyment. In my opinion—a quality golf turf can make the day. That's why I'm endorsing certified pure Manhattan "turf type" perennial ryegrass. Fine texture, rich green color and superior wear quality is the result of careful development. Your guarantee of this quality and purity is the Oregon blue tag



attached to each bag. Manhattan is identified with its trademark, the Manhattan skyline, on the familiar tan bag. This is your assurance of Oregon certified pure Manhattan—it will make your day.

Pat Fitzsimons Winner Glen Campbell L.A. Open Golf Tournament 1975.



"TURF TYPE" PERENNIAL RYEGRASS distributors: WHITNEY-DICKINSON SEEDS, INC. 52 LESLIE STREET BUFFALO, NEW YORK 14240

Oregon certified Manhattan is grown by: MANHATTAN RYEGRASS GROWERS ASSOCIATION 1349 Capitol St. N.E., Salem, Oregon 97303

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### You're looking at the most effective arsenal ever assembled to protect your turf.

With this formidable array of armament on your side, you have a broad spectrum turf management program that can ward off just about any attack.

And you can manage it all with surprising economy. Chipco products protect the green of your turf without straining the green in your budget.

Just try any one of them, and you'll want the entire arsenal. Because once you use a Chipco anything, you'll soon be using Chipco everything else.

**Chipco Buctril**<sup>®</sup> gives early control of broadleaf weeds in newly planted grasses for sod or seed production.

**Chipco Turf Herbicide MCPP** controls clover, chickweed, knotweed and other surface creeping weeds and is safe and effective for use on most bent grasses.

**Chipco Turf Kleen** is a broad spectrum herbicide that controls broadleaf and surface creeping weeds with a wide margin of safety around trees and shrubs.

**Chipco Spot Kleen** is a systemic fungicide for control of dollar spot, Fusarium blight, stripe smut, large brown patch and copper spot.

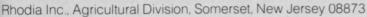
**Chipco Thiram 75** prevents and controls snow mold, large brown patch and dollar spot.Used with Spot Kleen, it offers a complete disease control program.

**Chipco Microgreen Liquid** provides micronutrients to your turf which results in long lasting deep green color, more root growth and less desiccation.

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**Chipco Spreader Activator** is a superior adjuvant to increase the efficiency and effectiveness of turf chemicals.

**Chipco Crab Kleen** gives economical and selective postemergence control of crab grass, chickweed and other grassy weeds in established turf.



9







Broad spectrum Daconil 2787 fungicide controls nearly all of the fungus diseases found on golf greens, tees and fairways, as well as many ornamentals.

And now it is available in convenient flowable or wettable powder form.

Excellent turf tolerance permits use right on through the hot, summer months. Used successfully on over 25 species of grass . . . established turf or new seedings. Daconil 2787 is highly effective against *Helmin-*thosporium in the spring and fall.

# DACONIL 2787° pours it to nine fungus diseases

For professional turf care over your entire golf course, follow the Diamond Shamrock Pro-4 system: Daconil 2787 fungicide, DACTHAL® preemergence herbicide, DACAMINE® and DACONATE 6® post-emergence herbicides. You'll see beautiful results.

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