

Knotweed, poison ivy, thistle fade out of the picture when DACAMINE comes in.

Dacamine turf herbicide kills weeds,

roots and all . . . not just the tops.

The secret: Dacamine works more slowly than common 2,4-D, allowing time for more chemical to be absorbed into the weed and translocated to the roots. Weeds gradually turn yellow, then brown and die.

Dacamine controls more than 70 broadleaf weeds. To mention just a few: dandelion, plantain, carpetweed, ground ivy, wild onion, wild garlic,

ragweed and many others.

And, Dacamine is non-volatile, even in hot weather . . . an important advantage when spraying near ornamentals. Just avoid spray drift and follow label directions.

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WEEDSTREESETURE.

MARCH 1977, Vol. 16, No. 3

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20 Tank Mixing Pesticides for Effective Results — This time and labor saving method of application is most successful if precautions are taken.

24 Lime Applications for Soil Neutralization — Here is some practical advice for improving the pH rating of your soil for better turfgrass.

SPECIAL PULL-OUT SECTION — Chemical Lawn Care Industry — This in-depth look at a billion dollar industry covers everything from marketing to management including a survey of the industry, a look at several successful companies and some practical advice for improving your lawn care business.

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ON THE COVER—One important aspect of providing sufficient electric power is proper maintenance of power rights of way. For the newest developments in this area see page 14.

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TO OUR READERS —

This issue marks our first in-depth look at the emerging lawn care industry. When we first discussed the possibility of a supplement we knew: A. there was such a business; B. the names of three of four large companies; and C. one reputable tree company that was expanding its share of the lawn care market. Today we know a whole lot more.

Our information was gathered from a special WT&T survey mailed to over a thousand lawn care industry people, a telephone survey conducted for us, and from extensive investigation by the staff. Assistant Editor Eric Friedman, alone, talked with over one hundred lawn

care industry people.

Although it is impossible to personally thank each of the people who helped us compile our information, we would like to extend thanks to the following individuals: Daniel Dorfman, founder of Lawn-A-Mat; Anthony Giordano, founder of Lawn Doctor; Dr. Robert Miller, vice president of research and development for Chem-Lawn; Dr. Roger Funk, director of research at The Davey Horticultural Institute of the Davey Tree Expert Co.; Marty Erbaugh, head of the Davey landscape division of the Davey Tree Expert Co.; and Dr. David Harmon, director of research for Harvest Publishing.

All of the factual information we gathered appears in our supplement. But perhaps the one important aspect our supplement does not stress enough is the importance of quality service. Lawn care is a service-oriented business. No amount of advertising will erase incompetent work. And one of the most important sales tools available is the satisfied customer. This all leads me to an important point — the need for a professional organization.

A professional association can upgrade an industry. It can be a vehicle for the exchange of developments and ideas, and for setting standards for quality and performance. We urge lawn care industry people to form such an organization and extend an offer to help in the

formation.

If you are in the lawn care business and agree with us, won't you write to us, expressing your opinions on how the organization should be formed, what its goals should be, and if you would be willing to play an active role in such a group. We will keep you informed as to the developments in this area through this editorial page in future issues.

Recently we received the following letter: Gentlemen:

Congratulations on your superb articles concerning irrigation in your January '77 issue. They were not only well written but extremely informative for those who are in the process of evaluating their irrigation needs.

I have one comment to make and this is, if at all possible, in the future could a footnote be added to the end of each article where the reader can write and obtain further information pertaining to the subject material.

Fred Wilochka Aqua-Matic Lawn Sprinkler and Irrigation Co. Longmeadow, MA.

We shall make every effort to comply with Mr. Wilochka's request.

And another letter:

Gentlemen:

How about equal time for us Easterners? I refer to the January issue, page 12, in which you plug "Trees of

the Berkeley Campus" at \$5.00.

"Trees in Amherst" a pictorial and descriptive record of native, cultivated and historically interesting trees in Amherst, Massachusetts; assembled and edited by The Tree Book Committee and published by the Garden Club of Amherst, copyright 1975 is an excellent compilation of text and pictures in a plastic three-ring binder. The index leaves out some essential cross references and is somewhat arbitrary, but the closeups of flowers, bark, seeds, etc. are most unusual and very clear.

G. A. Yarwood Yarwood & Block, Inc. Simsbury, CN.

Lail D. Nogan



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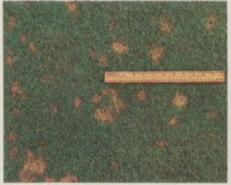


JOHN DEERE on the move

Why TERSAN® fungicides give you lotal



LEAF SPOT (Helminthosporium spp.) on bluegrass.



DOLLAR SPOT* (Sclerotinia homoeocarpa) on bentgrass.



TYPHULA BLIGHT or Gray Snow Mold (Typhula itoana) on a



LEAF SPOT on bentgrass (melting-out stage).



LARGE BROWN PATCH (Rhizoctonia solani).



TYPHULA BLIGHT or Grav Snow Mold, close-up view.



RUST (Puccinia graminis) on bluegrass.



FUSARIUM BLIGHT (Fusarium roseum and Fusarium tricinctum).



PYTHIUM BLIGHT or Cottony Blight (Pythium spp.).

TERSAN LSR Turf Fungicide controls Leaf Spot and Rust. It is also effective against Large Brown Patch.



TERSAN 1991 and Tersan 75 effectively control Dollar Spot and Large Brown Patch. TERSAN 1991 controls Fusarium Blight.

*In order to help reduce the possible development of tolerant strains of dollar spot it is recommended that TERSAN 1991 be used in conjunction with TERSAN 75 or another suitable contact fungicide

TERSAN SP provides outstanding control of both Typhula Blight and Pythium Blight.



Turf Protection.

You're faced with a lot more than one or two turf disease problems. That's why you need the Du Pont Tersan program. It gives you protection against just about every disease your course will ever encounter.

But you get more than proven, effective control with the Tersan program. You get economical control as well. You use just the treatment that works on a given problem. There's no waste. No extra expense. You pay only for the specific treatment to control a specific disease.

And it's more effective. Because you zero in with prescription precision on specific diseases. You use one right treatment applied at the right rate at the right time to achieve the most effective control.

So, if you want to keep your course greener for less money, use the Tersan

turf disease control program. It's the best way to obtain total turf protection against most disease problems. For complete details, contact your chemical supplier—or mail in the coupon.

With any chemical, follow labeling instructions and warnings carefully.

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Government News

Regulation of pesticides by the Environmental Protection Agency and, less directly, industry data supporting pesticide registrations and tolerances have been sharply criticized by a Senate subcommittee staff report, the result of an intensive study of the agency conducted last year.

An agency official said "it is probably the most devastating report to hit EPA

since it was formed."

The draft report, "The Environmental Protection Agency and the Regulation of Pesticides," stated the inquiry has led to the "unfortunate but clear conclusion that pesticide regulation in the United States is fundamentally deficient."

The report continued:

"Pesticide regulation has failed to include many obvious, necessary and prudent steps that would have better protected the public health and the environment. Moreover, the failure of pesticide regulation is not attributable in any significant way to deficient legislation. Rather the cause lies clearly and unmistakably with the poor administration of the program by the EPA itself. In an almost classic example of poor Government regulation, the EPA's handling of pesticide registration has sacrificed effectiveness at the altar of bureaucratic neglect. For six years, EPA has paid too little attention to warnings of Government investigators, congressional reviews, and even some of its officials."

The staff concluded that a large part of the millions appropriated for pesti-

cide regulation by EPA have been wasted.

EPA issued a USDA exemption to use dimethoate, Guthion, and malathion to control citrus blackfly in Florida's Broward, Dade, and Palm Beach Counties. Maximum allowed use is 45,000 gallons of 95 percent malathion; 1,000 pounds of dimethoate; and 450 pounds of Guthion. Application sites are limited to nursery stock, urban areas, and, if necessary, commercial citrus groves. The exemption expires October 1, 1977.

A recent <u>District Court decision</u> that allowed an employer to require an OSHA inspector to fill out a questionnaire before inspecting the premises <u>has been reversed</u> by the Appeals Court. The Appeals Court says the questionnaire is "patently designed to delay inspection." OSHA <u>inspectors need only to present credentials</u> to be admitted.

The petition for rehearing in the Heptachlor/Chlordane suspension appeal was denied by the U.S. District Court of Appeals. The petition was submitted by Velsicol Chemical Co. In the meantime, cancellation hearings continue.

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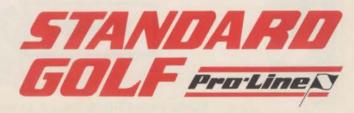
Imagine new, colorful Standard Golf tee consoles on your course that didn't cost you a cent. It's possible with Standard's special tee console donor program. All that is needed is one donor per console. The donor (could be a banker, insurance agent, auto dealer, etc.) pays you the price of the console - and in return

The distinctive donor sign is available from Standard Golf and fastens to the bottom of the Tee-Data sign (wording is limited to three lines, 22 spaces per line). Why not start lining up some donors now for new Standard Golf tee consoles for your course.

Remember-just one donor per hole will go a long way in helping your equipment budget-and will make your players happy, too!

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