

tolerant. Reduces mowing by about a third. Cuts clippings by about two thirds. And makes



greens faster and fairways more playable.

Plus, Cutless can help you gradually convert *Poa*

80 percent *Poa* on his fairways to 90 percent bentgrass over a five-year period.

There are many things you can do to grow thicker, healthier

W more weeds in order micals?

annua to more desirable turf-grass species. It helped one golf course superintendent go from

turf. They're explained in our 44-page book, The Turf Manager's Guide To

Responsible Pest Management. It'll also show you better

ways to control insects and turf

diseases. For a free copy return the coupon, or call our toll-free number.

Because a thick blanket of turf doesn't need a thick blanket of chemicals.



Thicker turf crowds out weeds, reducing the need for herbicide.

Send me the following Management Guide(s):

- Cool Turf
- Warm Turf
- Landscape and Nursery

Mail To: DowElanco, Box 3064, Cedar Rapids, IA 52406. 1-800-729-3693 ext. 2492.



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Company _____

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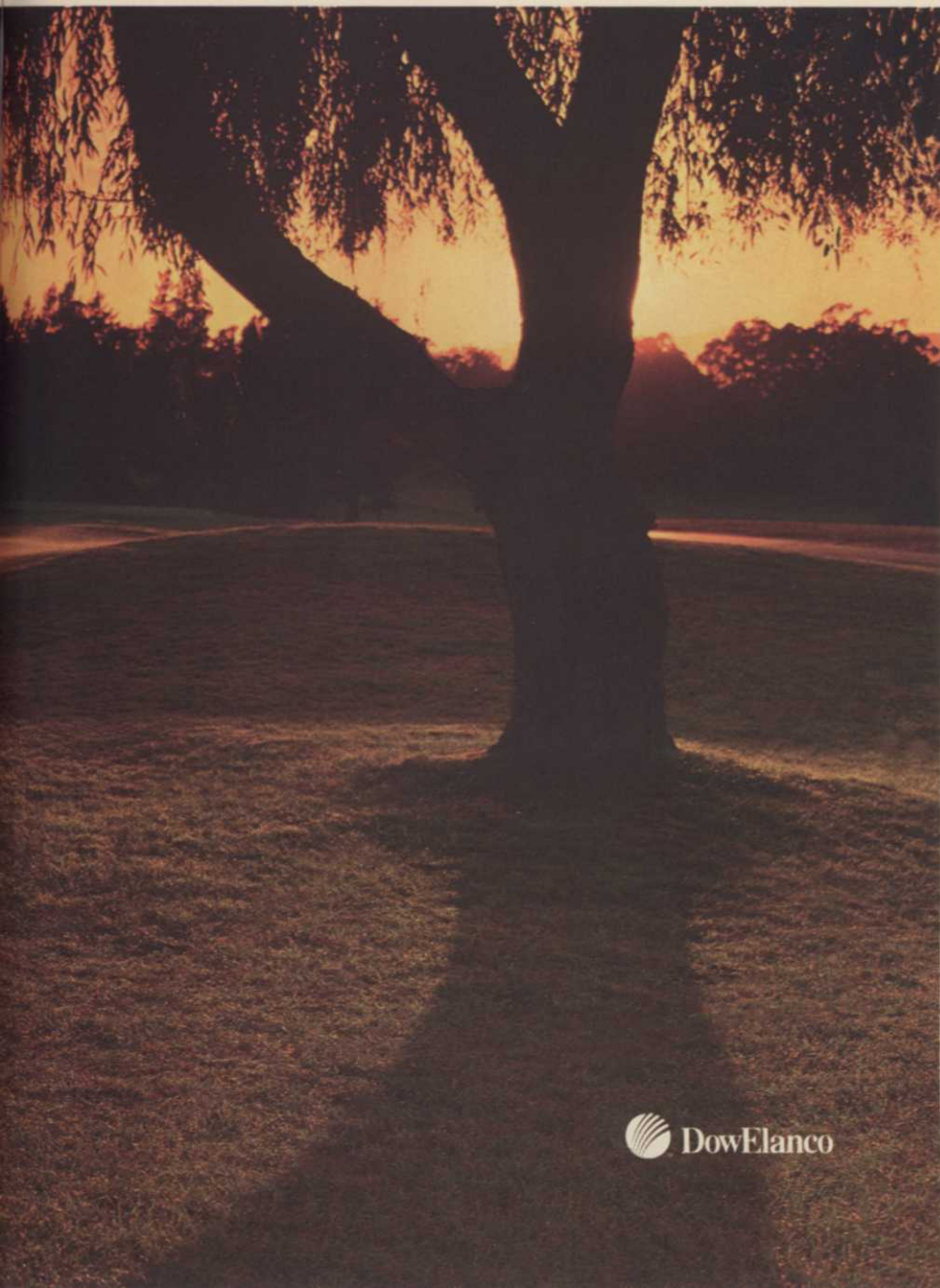
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The chemistry is right.™

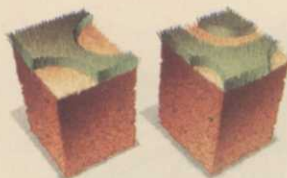
*Trademark of DowElanco. ©1992 DowElanco 09



We're talking about a control program that's very hard on fungus, yet very easy on your turfgrass. Some things you can do to reduce turf stress, use less

fungicide and still get excellent control.

It starts with cultural practices. Like replanting disease-prone areas with resistant cultivars. Careful water-



Rubigan has broad spectrum control that makes diagnosis less critical.

ing. Providing adequate fertilizer. And removing thatch. They'll make your turf less susceptible to disease, which means you can use less fungicide to protect it.

Just imagine. A a stranglehold on fungus



Knowing when to use a fungicide is important, too. By watching for conditions in which turf diseases thrive (weather patterns and soil temperature provide some very



And, of course, it helps to choose your fungicide carefully. Gentle, long-lasting Rubigan® fungicide is a very good choice. It controls 14 diseases, includ-

Fungus attacks plants from within. The results can be devastating.

also contains complete information on tactics you can use to control weeds and insects more responsibly. For a free copy just return the coupon below, or call our toll free telephone number. And learn

kind, gentler way to get

reliable signs), you can put down fungicide with perfect timing, and make fewer applications.

ing Bermudagrass decline, dollar spot and powdery mildew. It's very easy on your turf. And it lasts longer than other fungicides, which means you don't have to apply it as often.

some very nice alternatives to applying a lot of fungicide.

Rubigan and Broadway last longer than other fungicides, so you don't have to apply them as often.



Poa annua control that doubles as fungus control.

Applied in the fall, Rubigan delivers 75 to 95 percent *Poa annua* control in overseeded areas such as greens, tees, collars, slopes and approaches (we explain how in the book offered below). At the same time, Rubigan protects your turf from fungus. Which means you can handle two jobs with the same pesticide application.



Poa annua

For brown patch, you can use Broadway® fungicide. Its two modes of action provide excellent brown patch control. It also controls a dozen other turf diseases. It's easy on your turf. And its long-lasting action means fewer applications.

Of course, there's a lot more to fungus control than what fits in this ad. You'll find it in our 44-page book, The Turf Manager's Guide To Responsible Pest Management. It

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What you're looking at is a way to go an entire season on a single herbicide application—a control zone in the top inch of soil that keeps weeds from



one application gives you up to eight full months of control. If you like what Surflan does, but prefer a granular form, you can use XL* herbicide. It



Surflan is so mild it can be applied over the top of delicate ornamentals.

our 40-page book, The Nursery And Landscape Guide To Responsible Pest Management. It also contains information on better ways to con-

Actually, the most this picture is contained

germinating all season long. It can greatly reduce your use of post-emergence herbicides and hand-weeding in your ornamentals.

contains the same active ingredient as Surflan. Apply it in the spring, and you'll get a full season of broad-spectrum grassy weed

How To Make Your First Roundup Your Last Roundup.

Here's a way to make your first application of Roundup herbicide last all season. Mix 3 oz. of Surflan per 1000 square feet with 3/4 oz. of Roundup per gallon of water and apply when weeds are less than 6" tall. Roundup will knock the weeds down, and Surflan will keep them from coming back for the rest of the season.



We have three different pre-emergence herbicides that make this possible. All of them are very gentle on your plants. And they bind tightly to soil particles, which makes them very resistant to leaching.



Our preemergence herbicides set up a gentle control zone that keeps weeds from germinating all season.

If you're looking for grassy weed control, you can use Surflan* preemergence herbicide. Surflan is, in fact, so gentle that you can spray it directly over the top of delicate ornamentals. Yet

control.

And for woody ornamentals, you can use Snapshot* herbicide. It controls both grassy and broadleaf weeds. A single application lasts up to eight months. And it's available as a sprayable or in a granular form.

We can show you lots of ways to control weeds more safely and effectively. They're explained in



control insects and diseases.
For a free copy mail the
coupon, or call our toll-free number.
Because you don't need a lot of her-
bicide to get beautiful results.

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st beautiful thing about ned in the top 1" of soil.





You might think using less insecticide means you'll have to put up with more insects. But that's not necessarily the case. Because *how* you use your insecticide is as important as *how much* you use. With

the right tactics, you can use a lot less and still get excellent results.

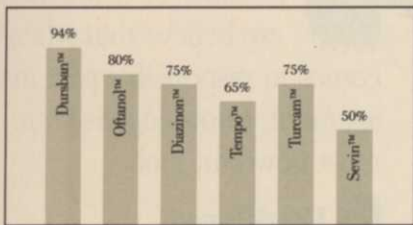
Here's an example. Mixing insecticide with insecticidal soap can reduce the amount of insecticide you need on your ornamentals by

about 50 percent. Soap controls most soft-bodied insects and mites. By adding insecticide, you'll also take care of tougher insects, like scales and worms. University studies suggest you may get better control



A few ways to balance with your love for the env





Studies show that Dursban delivers better chinch bug control at lower rates than other insecticides.

than you get with insecticide alone.

Knowing exactly when to apply insecticide helps, too. One way to monitor mole crickets, chinch bugs, webworms and cutworms is by mixing 1½ oz. of dish soap in two

gives you so much control at such a low rate. Dursban also controls fire ants. It's available in water-soluble packets. And it can be bio-monitored, which can reduce the likelihood of over-exposure.

ance your hate for insects ironment.

gallons of water and sprinkling it on a four-foot area of turf. If eggs have hatched, this soapy mixture will flush insects to the surface, and you can apply insecticide

Now, we realize you probably have some questions. That's why we created The Turf Manager's Guide To Responsible Pest Management.

It's 44 pages packed with comprehensive

information on the latest techniques for controlling insects, weeds and

turf diseases. For a free copy return the coupon, or call our toll-free telephone number. Because when you apply a little knowledge, you don't need to apply as much insecticide.



Mole Crickets Getting Under Your Skin?

University studies show that Pageant DF* insecticide (which contains the same active ingredient as Dursban) provides excellent mole cricket control. Apply two weeks after egg hatch and irrigate turf 24 hours before and after application. This moves mole crickets near the soil surface and



washes Pageant into the zone of insect activity.

Mole Cricket

accordingly.

Your insecticide itself can also make a difference. After all, different insecticides work at different rates. Which is why Dursban* insecticide could be your best choice.

Just one pound active ingredient per acre controls a host of problem insects. No other insecticide

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Dursban is available in liquid, dry flowable, granular and fertilizer formulations. *Trademark of DowElanco. ©1992 DowElanco. 09

What you've read on the preceding pages only begins to outline a responsible pest management program.

You'll find a lot more in our guides to responsible pest management (see

coupon on previous page), and in the literature listed below.

If you have questions on our products, call one of our technical specialists at 1-800-352-6776. We'll be happy to help you out.



Because at DowElanco, we believe that when it comes to responsible pest management, knowledge is your most powerful tool.

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If we've piqued your interest, keep reading.

The literature below is some of the best information you can get on responsible pest management. Check your state university or write the publisher to find out where it's available.

SUGGESTED READINGS:

• *Insects That Feed on Trees and Shrubs*

• *Turfgrass Insects of the United States and Canada*

Cornell University Press
124 Roberts Pl.
P.O. Box 250
Ithaca, NY 14851
607/257-7000

Orders to:
P.O. Box 6525
Ithaca, NY 14851
800-666-2211

• *Lawn Care: A Handbook for Professionals*

• *Turfgrass Management*
Prentice-Hall, Inc.
15 Columbus Circle
New York, NY 10023
800-922-0579

• *Diseases and Pests of Ornamental Plants*

• *Introduction to Insect Pest Management*

John Wiley & Sons, Inc.
605 Third Ave.
New York, NY 10158-0012
212/850-6000

Orders to:
Eastern Distribution Ctr.
1 Wiley Drive
Somerset, NJ 08873-1272
908/469-4400

• *Complete Guide to Pest Control With and Without Chemicals*

• *Nursery and Landscape Weed Control Manual*

Thomson Publications
P.O. Box 9335
Fresno, CA 93791
209/435-2163

• *Turf Management for Golf Courses*

Macmillan Publishing Company Inc.
866 Third Ave
New York, NY 10022
800-257-5755

Orders to:
Front & Brown Sts.
Riverside, NJ 08075
609/461-6500

• *Compendium of Turfgrass Diseases*

American Phytopathology Society
3340 Pilot Knob Rd.
Saint Paul, MN
55121-2097
612/454-7250
800-328-7560

• *Ornamental Insects: Recommendations for Managing Insects on Shade Trees and Shrubs*

Purdue University
West Lafayette, IN 47907
317/494-6794

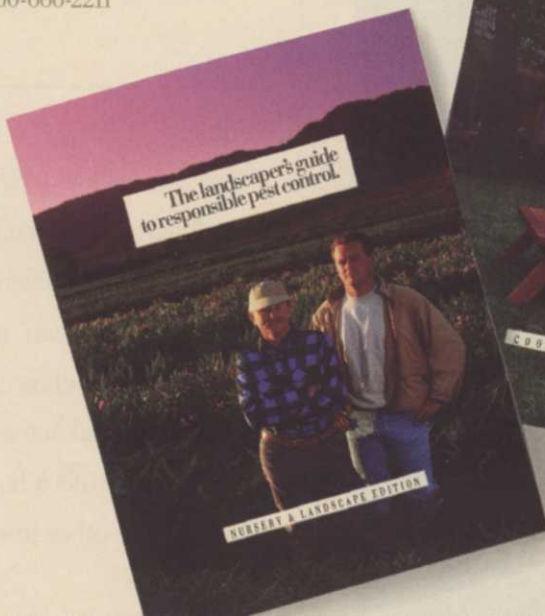
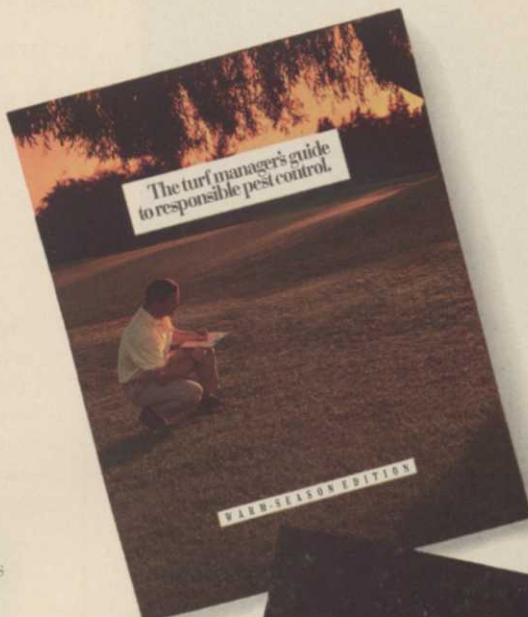
• *Insect Phenology and Integrated Pest Management*

Journal of Arboriculture
303 W. University Ave
Urbana, IL 61801-1745
217/328-2032

• *1991 Chemical Weed Control in Commercial Nursery & Landscape Plantings*

Ohio University PR.
Scott Quadrangle
Athens, OH 45701
614/593-1155

Orders to: C.U.P. Services
Box 6525
Ithaca, NY 14851
800-666-2211



Order Your Free Pest Management Guide Today.

Our guides to responsible pest management are filled with information that can help you use pesticides more effectively. To order yours, simply fill out this card and drop it in the mail or call *1-800-729-3693 ext. 2492*.

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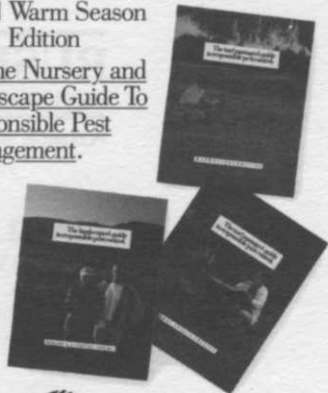
Please Send Me: (Check the edition or editions you'd like.)


The Turf Manager's Guide To Responsible Pest Management.

Cool Season Edition

Warm Season Edition

The Nursery and Landscape Guide To Responsible Pest Management.



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