

FROM COAST TO COAST, PENNINGTON IS THE BEST GRASS YOU EVER SEED.

Pennington is a national company with locations throughout the United States, so we understand that the grass that does well in Georgia won't survive a Minnesota winter. And the turf that's ideal for a fairway won't do at all for a green. Different circumstances call for different grasses. That's why we offer so many kinds and varieties. Each one is developed to meet specific conditions.

Perennial ryegrasses such as Pebble Beach, Sunrise 246, and Stallion are just a few of our top varieties that give outstanding performance for overseeding. For roughs we have proven performers such as Finelawn 5GL, Triad and Enviro turf type tall fescues, as well as our new cold tolerant turf type bermuda—Cheyenne.

With basic production in every major grass seed region in the country, Pennington can provide you with the correct grass seed for

any application and the dependable service that you need.

If so many different types of grasses leaves you uncertain about which one is best for your needs, just give us a call. Pennington has over forty years experience in the grass seed industry with a technical staff that can solve your toughest turf grass problems.



Call 1-800-277-1412
Ask for Catherine



Meeting Dates through 1992

September

Sept. 8-10: Sports and Leisure World Trade Exhibition, East of England Showground, Peterboro, Eng. Contact: (+44) 908-312511.

Sept. 11-12: Southwest Horticultural Trade Show, Phoenix (Ariz.) Civic Plaza. Contact: (602) 966-1610.

Sept. 11-13: Florida Nursery & Allied Trades Show, Orange County Convention Center, Orlando. Contact: (407) 345-8137.

Sept. 15-16: California Turfgrass Research Conference and Field Day, Univ. Calif. at Riverside. Contact: (714) 787-3331.

Sept. 15-16: National Golf Course Owners Association seminar "Staying on Top," Myrtle Beach (S.C.) Martinique Resort & Conference Center. Contact: (800) 933-4262.

Sept. 15-18: Virginia Tech Turf and Landscape Field Days, Virginia Tech, Blacksburg. Contact: (703) 231-9736.

Sept. 18-19: AABGA Intermountain Regional Annual Conference, Albuquerque, N.M. Contact: (505) 768-3550 or (505) 982-8399.

Sept. 20-23: Florida Turfgrass Association conference and trade show, Prime F. Osborn Convention Center, Jacksonville. Contact: (800) 882-6712.

Sept. 20-23: Society of Municipal Arborists annual meeting and trade show, Ramkota Inn, Aberdeen, S.D. Contact: (605) 622-7015.

Sept. 20-25: "Basics of Arboriculture and Urban Forestry," Steinhart Lodge, Nebraska City, Neb. Contact: (402) 474-5655.

Sept. 21-24: Northwest Turfgrass Conference and Exhibition, Sunriver (Ore.) Resort and Lodge. Contact: (206) 754-0825.

Sept. 22-25: International Plant Propagators Society Western Region annual meeting, Radisson Hotel, Sacramento, Calif. Contact: (916) 922-2020.

Sept. 24-27: International Trade Fair for Horticulture, Frankfurt, Germany. Contact: (+49) 69-7575-6477.

Sept. 27-Oct. 2: "Advanced Urban Forestry: Creating Excellence," Steinhart Lodge, Nebraska City, Neb. Contact: (402) 474-5655.

Sept. 29: Target Specialty Products' annual fall seminar and exhibit, Harbortown Marina Resort, Ventura, Calif. Contact: (800) 352-3870.

Sept. 29-Oct. 1: Pacific Equipment & Technology Expo, Costa Mesa, Calif. Contact: (800) 525-7383.

Sept. 30-Oct. 2: International Society of Arboriculture Northwest Chapter annual meeting, Red Lion Inn, Lloyd Center, Portland, Ore. Contact: (503) 373-7854.

October

Oct. 1: Target Specialty Products' annual fall seminar and exhibit, San Diego (Calif.) Convention Center. Contact: (800) 237-5233.

Oct. 2: Landscape Ornamentals Research Field Day, Central Florida Research & Education Center, Sanford. Contact: (407) 323-2500, ext. 5559.

Oct. 5-7: Beginning in the Nursery Business, Virginia Tech, Blacksburg, Va. Contact: (703) 231-5445.

Oct. 6: Target Specialty Products' annual fall seminar and exhibit, Radisson Hotel, Sacramento, Calif. Contact: (800) 767-0719.

Oct. 7-8: Southern California Turfgrass Expo, Orange County Fairgrounds. Contact: (714) 951-8547.

Oct. 7-9: Southwest Turfgrass Association Annual Conference, Las Cruces (N.M.) Hilton. Contact: (505) 275-2576.

Oct. 8-10: American Society of Consulting Arborists annual meeting, Biltmore Estate, Asheville, N.C. Contact: (303) 466-2722.

Oct. 9: Target Specialty Products' annual fall seminar and exhibit, Red Lion Hotel, Ontario, Calif. Contact: (800) 352-3870.

Oct. 12-14: Production of Field Grown Nursery Stock, Virginia Tech, Blacksburg, Va. Contact: (703) 231-5445.

Oct. 19-20: Pacific Horticultural Trade Show, Los Angeles (Calif.) Convention Center. Contact: (916) 567-0200.

Oct. 21-23: Golf Summit, Marriott Orlando (Fla.) World Center. Contact: (407) 744-6006.

Oct. 21-24: Atlantic Seedsmen's Association Convention, Charleston, S.C. Contact: (814) 237-0330.

Oct. 22-23: Xeriscape '92, San Diego (Calif.) Convention Center. Contact: (619) 443-1756.

Oct. 22-24: International Society of Arboriculture Rocky Mountain Chapter annual meeting, Town House Inn, Great Falls, Mont. Contact: (406) 721-7275.

Oct. 23-25: New Jersey Tree Expo, Sheraton Poste Inn, Cherry Hill. Contact: (908) 246-3210.

Oct. 26-28: Production of Perennials and Annuals, Days Inn, Waynesboro, Va. Contact: (703) 231-5445.

Oct. 30-31: Texas Association of Landscape Contractors annual conference and exposition, Infomart/Loews Anatole Hotel, Dallas. Contact: (214) 241-1399.

Nov. - Dec.

Nov. 1: Southwest Outdoor Power Equipment Show, Arlington (Tex.) Convention Center. Contact: (512) 443-7999.

Nov. 1-4: International Irrigation Exposition, New Orleans, La. Contact: (703) 524-1200.

Nov. 1-5 or 11-15: New Tree Biology Seminars, Appalachian State University, Boone, N.C. Contact: (704) 262-3045.

Nov. 3: Florida Chapter, Sports Turf Managers Association meeting, Pompano Stadium. Contact: (305) 938-7477 or (305) 938-0217.

Nov. 8-10: Georgia Golf Course Superintendents Association annual meeting, King & Prince Hotel, St. Simons Island. Contact: (404) 769-4076.

Nov. 8-11: National Institute on Park and Grounds Management annual educational conference, Richmond, Va. Contact: (414) 733-2301.

Nov. 10-13: New York State Turfgrass Association conference and trade show, Rochester Riverside Convention Center. Contact: (518) 783-1229.

Nov. 15-17: Golf Range and Alternative Facilities Development Conference, Newport Beach (Calif.) Marriott Hotel. Contact: (407) 744-6006.

Nov. 15-19: Professional Grounds Management Society annual conference, Indiana Convention Center, Indianapolis. Contact: (410) 667-1833.

Nov. 15-19: Landscape and Grounds Maintenance Conference, Indiana Convention Center, Indianapolis. Contact: (703) 241-4004.

Nov. 16-19: Professional Lawn Care Association of America annual convention, Indiana Convention Center, Indianapolis. Contact: (404) 977-5222.

Nov. 16-19 Green Industry Expo, Indiana Convention Center, Indianapolis. Contact: (404) 973-2019.

Nov. 19-21: Tree Care Industry Expo '92, Baltimore (Md.) Convention Center. Contact: (800) 733-2622.

Nov. 30-Dec. 4: International Plant Propagators Society Eastern Region annual meeting, St. Louis (Mo.) Marriott Pavilion Downtown. Contact: (703) 231-5609.

Dec. 1-3: Agricultural Retailers Association Convention, Cincinnati (Ohio) Convention Center. Contact: (314) 256-4900.

Dec. 2-3: Pacific Coast Turf and Landscape Conference & Tradeshow, Washington State Convention Center, Seattle. Contact: (206) 292-9198.

Dec. 2-4: Rocky Mountain Turf Conference and Trade Show, Currigan Hall, Denver, Colo. Contact: (303) 688-3440.

Dec. 7-10: Ohio Turfgrass Conference and Show, Cincinnati Convention-Exposition Center. Contact: (614) 292-2601.

Dec. 15-16: Turfgrass and Ornamental Pest Control Workshop, Marion County Extension Office, Indianapolis, Ind. Contact: (317) 846-7020.

**It's not only your job.
You live and breathe it.**

It could be something you realized a long time ago, when you were a kid looking out the classroom window wishing you were on the other side. Maybe it

was years later, when you couldn't wait for the weekend to come so you could get *out there*. Or maybe you just always knew. That, for you, forty hours a week stuck inside an office was no way to live.

So here you are, with a job that lets you be outdoors a good portion of every working day. And love for nature and the environment had a lot to do with it.

At DowElanco, we know those



Wasn't it love for nature that got you into this bu



feelings play a big role in the way you approach your job.

Of course you want beautiful turfgrass, but you want to protect the environment while

you're creating it.

So we're doing some things to help you out.

One example is the work we're doing to develop better product packaging. In fact, right

free training materials for your staff, and free equipment that will help you handle and use pesticides more safely.

And, most important, we're sharing information that can help

re and the environment siness in the first place?

now, we offer some of our products in water-soluble packets, and others in returnable containers.

We've also developed a research staff

you use pesticides more effectively, and in smaller amounts.

You'll find it in our free books on responsible pest management. We'd like to send you one. Return the coupon below, or call our toll-

free number. It's the first of

many steps you can take to protect the environment.

Are We Doing This Just To Be Nice?

We've just published three books on how to use pesticides more responsibly. The question is, why? Well, we believe it's in our best interests to look out for your best interests. By helping you create an effective, responsible pest management program, we'll make a customer instead of just a sale. When that happens, everybody wins.

that's entirely devoted to turf and ornamental projects. Their work is leading to concentrated products that require less volume and fewer applications.

Then there's our Responsibility Comes First program. It gives you the opportunity to receive



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.

Name _____
Company _____
Address _____
City _____ State _____
Zip _____ Phone (_____) _____

The chemistry is right.™

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In the South, where weeds are a problem most of the year, you don't get much of a break from using herbi-



studies show it doesn't harm root systems. So Southern turf stays strong and healthy.

And Surflan lasts up to a month longer than other herbicides. Just two or three applications gives you year-

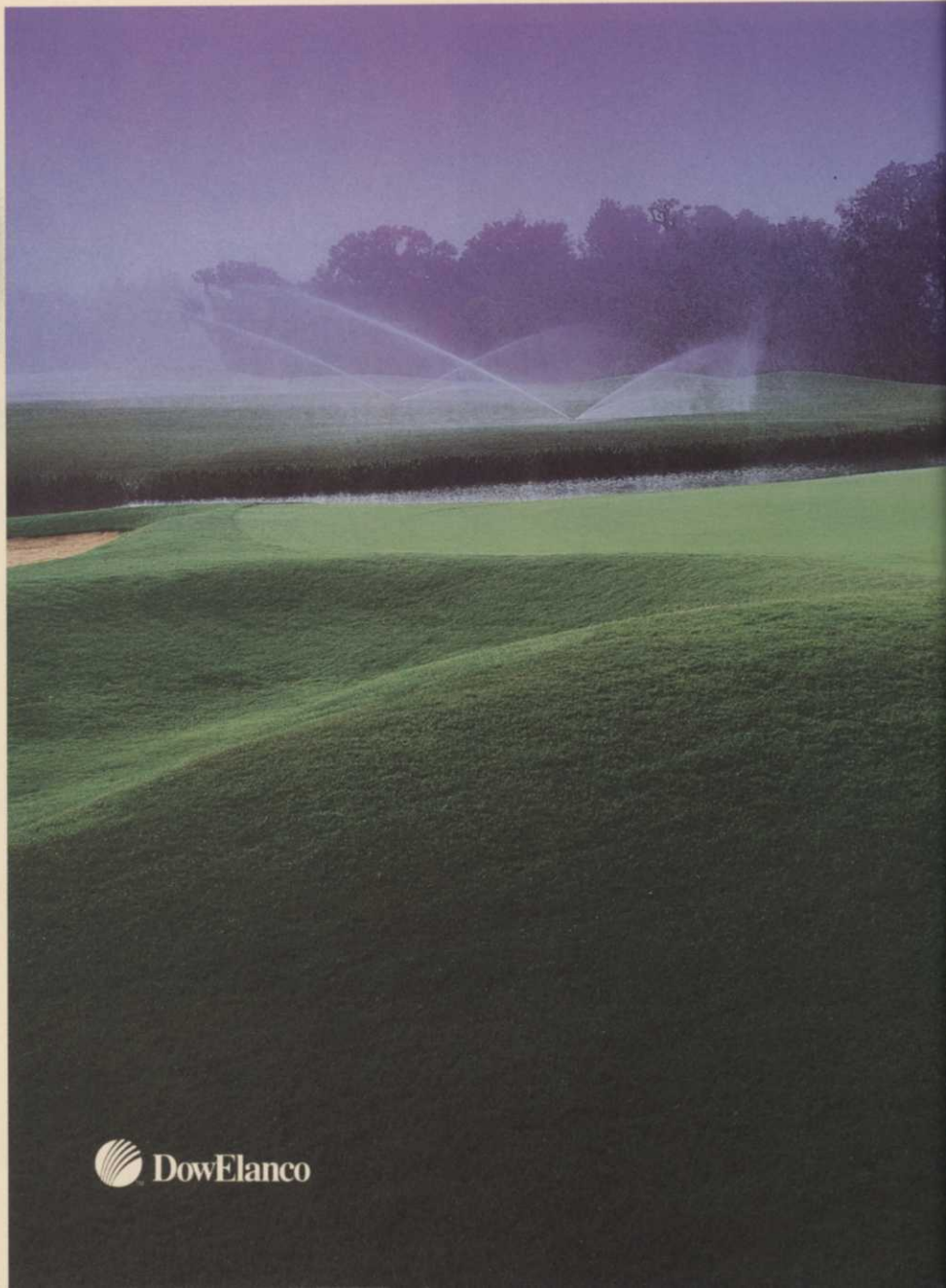
round control of more than fifty weeds, including goosegrass, crabgrass and *Poa annua*. That can help you put less chemical into the environment.

Surflan is also very gentle on off-target plants. In fact, it can be

People use a herbicide. Mild usually

cide. So the milder your herbicide is to turfgrass, off-target plants and the environment, the better off you are.

That's why you should seriously consider Surflan* herbicide for your weed control program.



How To Keep Weeds From Sneaking Up On You.

University studies show crabgrass and goosegrass germinate when soil at 2" reaches the following temperatures for three consecutive days: loam 50-52°F, heavy wet clay 53-57°F, sand 49-51°F. Measuring soil temperature allows you to predict germination, and time your herbicide application for maximum control.



Soil Thermometer

Surflan is very mild on all warm season grasses. When used properly on established turf, university

sprayed over the top of delicate



ornamentals. So there's virtually no risk to nearby shrubbery, trees

Surflan stays where you put it. Even in heavy rainfall, it resists leaching into groundwater.

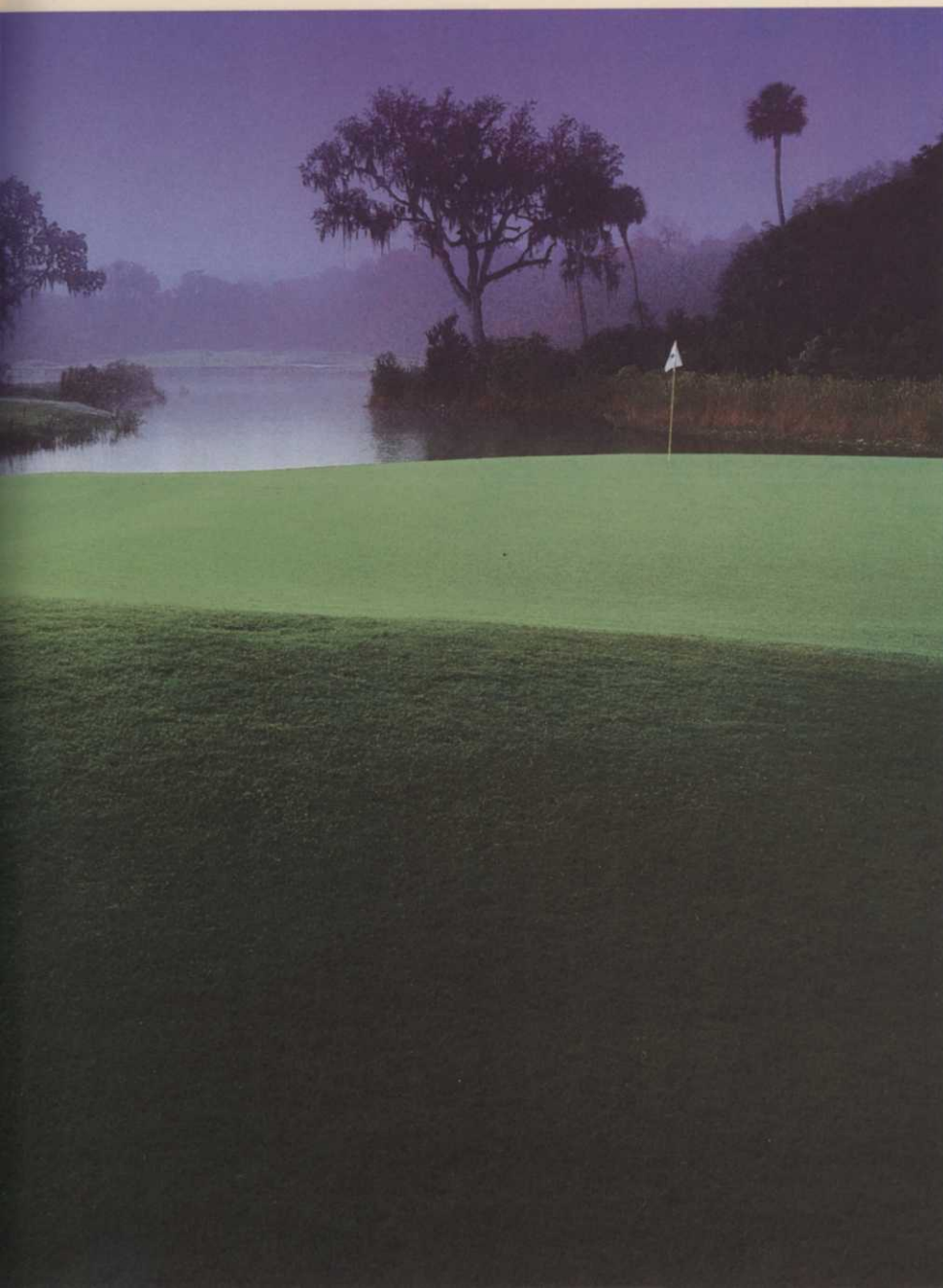
or flowers. Surflan is available as a sprayable and on fertilizer. If you prefer a granular form, there's XL* herbicide (it contains the same active ingredient



as Surflan).

You can put it down at the full rate, or use split applications to spread the load over the season. Either way, you'll get good results.

lot of words to describe isn't one of them.



Our 44-page book, The Turf Manager's Guide To Responsible Pest Management can

tell you more. It contains comprehensive "how to" information you can use to control weeds more efficiently. It also gives you step-by-step tactics you can use to control



Bermudagrass



Zoysiagrass



St. Augustinegrass

insects and turf diseases more effectively and responsibly. If you'd like a copy, just return the coupon or call our toll-free number.

Words can't describe how helpful you'll find it.

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- Landscape and Nursery

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Cedar Rapids, IA 52406
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Name _____

Company _____

Address _____

City _____ State _____

Zip _____ Phone (____) _____

The chemistry is right.™

Surflan is available as a sprayable or on fertilizer. Not labeled for use on greens.

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If applying herbicide is something you'd like to do less often, we have good news for you. We can show you how to make fewer herbicide applications and get weed



grass. And it's available on fertilizer or in a granular form for accurate application.

Of course, a herbicide that lasts all season won't

Gallery—24 weeks
Team—20 weeks
Balan—10 weeks

Choose the length of control best for you.

Pest Management can tell you more. It contains information you can use to control weeds, insects and turf diseases more efficiently. For a free

The herbicides not applying herbicides

control that's as good or better than you're getting now.

Let's start with broadleaf weeds. It usually takes up to five herbicide applications a season to control them. But by using Gallery® herbicide (straight or on fertilizer), you can do it with one. It doesn't take much, either. Just 1/3 ounce per 1000 square feet.

A Story Straight From Crooked Stick.

By switching to Gallery the superintendent at Crooked Stick Golf Club in Carmel, Indiana, reduced herbicide applications on his fairways from five a year to one. The notoriously picky PGA officials who inspected those fairways for the 1991 PGA Championship raved



about their outstanding condition.

Okay, now for grassy weeds. A single application of Team® herbicide gives you sixteen weeks of broad-spectrum control. It's very effective on crabgrass and goose-

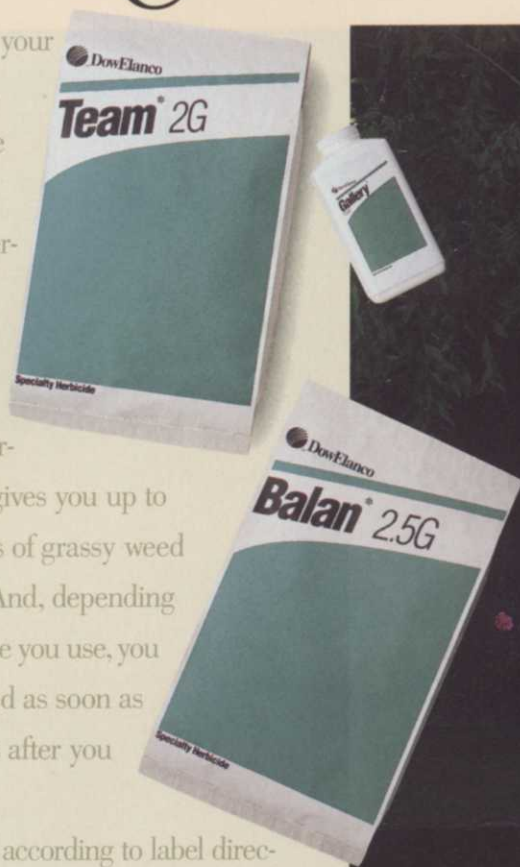
always fit your schedule.

That's the time for Balan® herbicide.

Available straight and on fertilizer, it gives you up to ten weeks of grassy weed control. And, depending on the rate you use, you can reseed as soon as six weeks after you apply it.

Used according to label directions, Gallery, Team and Balan are gentle on all major turfgrass species. University studies show they don't harm root systems. And they won't leach into groundwater or harm nearby ornamentals and trees.

Our 44-page book, The Turf Manager's Guide To Responsible



 DowElanco



Goosegrass



Crabgrass

copy return the coupon,
or call our toll-free
number. And start sav-
ing some wear and
tear on your herbicide
applicator.

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Cedar Rapids, IA 52406.
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The chemistry is right.™

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for people interested in



Nothing controls weeds in turfgrass better than turfgrass itself. That's because thick, healthy turfgrass doesn't give weeds any room to grow.

from insects and disease, you'll need less insecticide and fungicide. All of which means Cutless

can reduce your overall chemical use. Cutless also reduces water use by up to 30 percent. Makes turfgrass more drought-



Why live with a few weeds to live with a few less chemicals

So, if you make your turfgrass thicker and healthier, you won't need as much herbicide.

One good way to do it is by adding Cutless® turf



growth regulator to your maintenance program. Cutless makes turf thicker and more competitive by slowing its growth while encouraging more tillers and stolons. It also inhibits weed growth. This results in a gradual crowding out

of weeds.

And because your turf is thicker,

healthier turf

will be more resistant to damage

