

# MAVRIK.<sup>®</sup> ALL THE AMMUNITION YOU NEED.

## *Insect and mite protection from tee to green.*

MAVRIK AQUAFLOW<sup>®</sup> Insecticide is a broad spectrum insecticide and miticide—in fact, it eliminates practically every problem except divots.

MAVRIK goes after pests that live in turf, in shrubs, in trees. It kills chinch bugs, sod webworms, mites, cutworms, leaf feeding caterpillars, aphids, whiteflies, leaf beetles and others.

There has never been a single product that handles so many pests, while being so safe to plants, convenient to use and easy to apply. MAVRIK is a non-restricted material, and it has been tested on more than a hundred ornamental species without a report of any phytotoxicity.

MAVRIK is a water-based flowable, so it's easy to mix. There is little residue and no odor—you can use it Friday afternoon and the members won't get their noses out of joint over the weekend. After a spray has dried, it's easy on bees. And it won't harm bird species.

You won't find the convenience and broad spectrum coverage of MAVRIK in any other product. And since MAVRIK is available at your local distributor, all you have to do is ask for it.

---

**SANDOZ**CROP PROTECTION

Use pesticides effectively. Read and follow label directions carefully.  
© 1987 Sandoz Crop Protection Corporation  
MAVRIK and MAVRIK AQUAFLOW are trademarks of Sandoz, Ltd.

# WANTED. DEAD.

By U.S. Home Owners

Attempted Murder of Yards.  
Conspiracy to Create Brown Spots.  
Robbery of Time and Money from Lawn  
Care Operators and Home Owners.



Billbugs



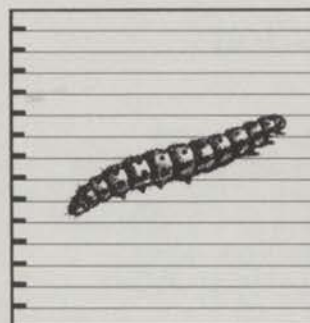
Chinch Bugs



Grubs



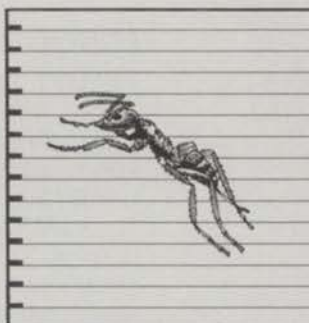
Army-Worms



Sod Webworms



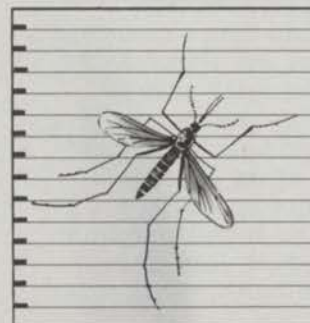
Turf-Grass Weevils



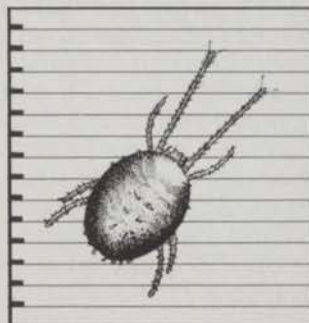
Ants



Grasshoppers



Mosquitoes



Clover Mites



Chiggers

IF YOU NEED  
INFORMATION ON  
HOW TO FIGHT  
THESE INTERNA-  
TIONALLY KNOWN  
FORCES OF  
DESTRUCTION,  
CALL  
1-800-225-ANDY.

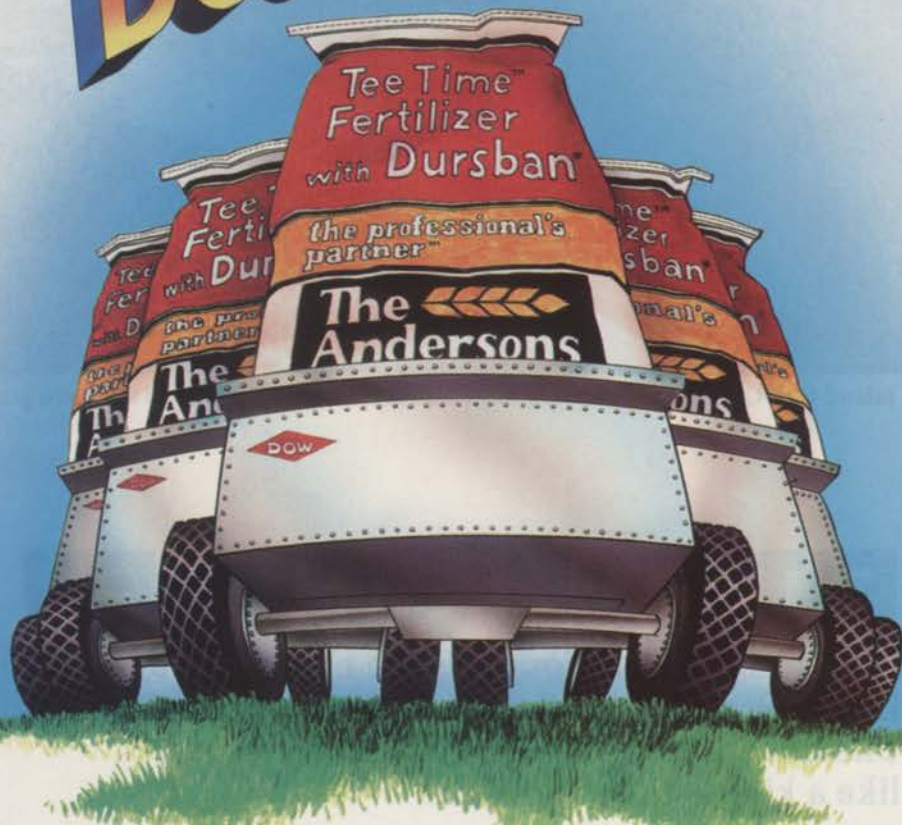
Description—Ugly, furtive creatures that slink around some of the world's most beautiful turf, eating food that does not belong to them and making otherwise reasonable home owners very angry at their lawn services. They can jeopardize your business without provocation.

CAUTION: These international criminals are not easy to annihilate. Generally, an insecticide must be purchased separately and spread—an additional step that can waste valuable resources—specifically, time, labor and equipment. *The alternative: Call in The Double Agent from The Andersons.*

# TEE TIME™ with DURSBAN®

The Double Agent. With the two-tiered strength you need to protect our nation's lawns.

## the DOUBLE-AGENT



Simply fertilizing isn't enough to protect your customer's turf from pesky insects. That takes a fertilizer/insecticide combination like The Double Agent: Tee Time™ and Dursban® from The Andersons.

The Double Agent lets you take on both missions at once. Saving time, labor and equipment.

And the Double Agent gives you the flexibility you're looking for, no matter how tough your insect adversaries. The Double Agent's arsenal includes:

Tee Time 30-3-5 with Dursban. Tee Time 38-0-0 and 18-3-5 with Dursban. Tee Time triple action 20-4-10 with Dursban and Balan® for feeding,

weeding and insect control. And Tee Time Dursban 2.5G. You can even specify your own custom mix Double Agent with Dursban.

Each is an expert bugbuster, field proven to handle even the nastiest turf assignments. At remarkably affordable prices.

**The Double Agent, TEE TIME with DURSBAN. Saving the world from the evil network of yard bugs.**

**Find out more. Contact your TEE TIME distributor today. Or call The Andersons Product Information Center toll-free.**

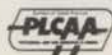
**Call 1-800-225-ANDY.**

the professional's  
partner

The Andersons

Lawn Fertilizer Division  
P.O. Box 119  
Maumee, Ohio 43537

**1-800-225-ANDY**



© DURSBAN, registered trademark of Dow Chemical.

© 1987, The Andersons

Circle No. 102 on Reader Inquiry Card



Fairways at King's Island Golf Course have recently been converted from bluegrass to the more playable bentgrass.

## FIT FOR A QUEEN

King's Island Golf Course is the home of the Ladies Professional Golf Association championship. The queens of golf treat the superintendent like a king—and vice versa.

It's a superintendent's dream, right? Just situate a golf course between a popular amusement park, the College Football Hall of Fame, and the center-court home of a Grand Prix tennis tournament. Then, as an added touch, arrange to have the LPGA stage its championship there each year.

Initially, practically everybody associated with the King's Island Amusement Park and the Jack Nicklaus Sports Center near Cincinnati, Ohio, thought it was time to sit back and watch the tee-off line wind down to the Ohio River. Superintendent John Hamilton admits it seemed logical to him, too.

On the contrary, however: the 14-year-old, 36-hole golf center has thrived in spite of the surrounding attractions, not because of them.

"We foresaw the scenario as dad

drops off mom and the kids at the amusement park and heads to the course for 18 holes," says Hamilton, whose 40-person staff maintains the grounds for all of the complex's facilities. "But we've observed the situation, and that's just not the case. We have our clientele and they have theirs."

In 1972, Kings Island owner Taft Broadcasting decided that a golf course would make a nice addition to the complex. Jack Nicklaus was just becoming intrigued by golf course design and management, and he teamed with community planner and golf course architect Desmond Muirhead in the design of two courses: the 18-hole Grizzley, a challenging tournament course; and the 18-hole Bruin, a shorter, recreational course.

Muirhead's influence manifests itself in long, multi-curved fairways

with large trees retained as natural hazards. Nicklaus' now-famous design style—sloping bunkers and rolling terrain—was already evident. Originally, the tees and greens were bentgrass, and the fairways were bluegrass. The fairways have now been converted to a more manageable, better-playing bentgrass.

### The women come 'home'

In 1978, the Sports Center became home to the LPGA championship. Winners since then have included Nancy Lopez (1978 and 1985), Patty Sheehan (1983 and 1984), and Pat Bradley (1966). From the very beginning, the relationship between the LPGA and Hamilton has been based on mutual admiration.

"I think they're wonderful people," Hamilton says. "The organization and



## And you thought DuPont Landscape Fabric was just for weed control

Throw a roll of DuPont "Pro" Landscape Fabric on your truck. You'll be amazed how many jobs it does, how good they'll look and how long they'll stay good-looking.

DuPont "Pro" controls weeds and lets air, water and liquid nutrients flow through. So stones and mulch won't wash away, and plantings stay moist. Black plastic can't match that.

DuPont "Pro" also helps keep

traffic and freeze/thaw cycles from heaving walks and patios. It fights erosion around streams, ponds and retaining walls. All of which helps your jobs keep that just-installed look for years.

DuPont "Pro" Fabric. It's more than you thought, and just what you need. For a free brochure, write DuPont Company, "Pro," Room G50476, Wilmington, DE 19898.



Circle No. 120 on Reader Inquiry Card



The 7,500-seat stadium where the ATP championship has been played every year since 1979.

the golfers have been great to work with. We bend over backwards to accommodate them, but we do it because we want to."

And the LPGA has noticed. "They look forward to coming here," Hamilton says. "They've made comments to me that this is one of the best maintained courses and best organized tournaments on the tour."

A photo in Hamilton's office of an LPGA golfer giving him a peck on the cheek serves to underscore his description of the working relationship. The good feelings help to soothe Hamilton

when he realizes how much money the course loses every year at tournament time. "We close the course for six days before the tournament," he says. "At \$15,000 a day, we really don't recoup our losses through the publicity the tournament generates. It really is a privilege to have the championship here, but it's not a free privilege."

#### Enter the netters

In 1979, a 7,500-seat tennis stadium was added to the Sports Center for the Association of Tennis Professionals Championship. The winners list since

then includes John McEnroe and Mats Wilander, and attendance has been outstanding. But it's been far from a boon to the golf course.

"You could fire a cannon down the middle of a fairway during the tournament," Hamilton said. "Parking is tough, for one thing, but the biggest problem is the perception that the golf course is closed. We have to buck up our advertising to get some people on the course."

But Hamilton, his staff, and the rest of the management of the Sports Center have managed to get plenty of people on the course throughout its history. He cites two reasons: courses that can be everything to everyone; and the green, green grass that warms a golfers heart.

The flexibility of the golf center begins with the two contrasting courses. The Grizzley challenges even the pros, and the Bruin offers an easier alternative for families, novices or people with little time to spare. In addition, an extraordinary selection of tee and pin placements allows the courses to take on vastly different looks.

Flexibility is a necessity, Hamilton says, because 25 percent of the golf center's business is corporate outings, which bring along golfers of vastly diverse talents. "Grizzley has to be tough for the tournament and a little easier for outings," he explains.

#### Dumping the water

Hamilton attributes the quality of his turf to an extensive irrigation program and a tank-mix of two fungicides, a systemic and a contact. During the season, Hamilton has 750,000 gallons of water pumped onto the course each night, seven nights a week.

"I see it as preventive medicine," he says. "Keeping the microclimate (the six to 12 inches just above the turf) reasonably cool during the hot season can prevent a lot of grief with disease."

Hamilton's other preventive medicine is a tank mix of Bayleton and Daconil turf fungicides. Bayleton is a systemic fungicide and Daconil is a contact turf fungicide, which, combined, prevent "just about everything," he says. "Particularly dollar spot in this hot, humid environment."

The chemicals are applied every four weeks, but Hamilton suspects they would last longer. "I'm not going to take the chance on the courses, but I'd love to do a test plot on it," he says.

So what Hamilton doesn't see means the golfers are happy with what they do see—green, green grass. Happy enough, in fact, to play more than 40,000 rounds per year.

In spite of all the surrounding distractions.

WT&T

**HANTEX™**  
 WATERLESS HAND CLEANER  
 REMOVES THE STAINS  
 AND RESIDUES OF:  
**TREFLAN®**  
**BALAN®**  
**SURFLAN®**  
**PENDIMETHALIN**  
 and other staining pesticides

 **PRECISION LABORATORIES, INC.**  
 P. O. Box 127  
 NORTHBROOK, IL 60065  
 312-498-0800 • 800-323-6280

# BROUWER

## turf maintenance team



3.5 & 7 GANG P.T.O. MOWERS  
HYD. & MANUAL LIFT



5-GANG TRACTOR MOUNT MOWER  
PARKS & GOLF COURSE MODELS



5-GANG VERTI-CUT VERTICAL MOWER



LARGE CAPACITY BROUWER-VAC



BROUWER 24-IN. SEEDER/OVERSEEDER



THE BROUWER SOD CUTTER



THE BROUWER GREENSMOWER



BROUWER TRIPLEX-376



TURF ROLLERS MODELS 230 & 130

## aggressive...innovative

The Brouwer Turf Maintenance Team . . . the one to beat. Check our product line and you are sure to find the machine to suit your requirements.

Golf courses, school boards, landscapers, municipalities, highway departments, parks and recreation departments will all find a machine that fits the bill - and the budget!

Brouwer . . . the name and the products that you can have confidence in. Confidence in the quality, the innovative engineering, the rugged reliability, the lasting value. Confidence in a company that gives "second-to-none" after sales service. Get the best results from your turf maintenance equipment - put the Brouwer turf maintenance team to work - today.

**BROUWER**  
TURF EQUIPMENT LIMITED  
An Outboard Marine Corporation Company

7320 Haggerty Rd./Canton, MI. 48187 Telephone (313) 459-3700  
Woodbine Avenue/Keswick, Ontario, Canada L4P 3E9 Telex 065-24161 Telephone: (416) 476-4311

# IN SIX WEEKS YOU COULD CUT THE GRASS WITH LIMIT® YOU COULD CUT THE GRASS

CUTTING GRASS IS TIME CONSUMING WORK. ESPECIALLY PLACES LIKE HILLSIDES, TERRACED LANDSCAPES AND HIGHWAY ROADSIDES.

WITH LIMIT TURF REGULATOR IT'LL ONLY BE HALF AS CONSUMING. BECAUSE LIMIT SLOWS THE GROWTH OF GRASS\* FOR SIX WEEKS OR MORE. GUARANTEED.

Last year, country clubs, cemeteries, parks, municipalities and lawn care operators across the country applied Limit turf regulator to grass they didn't want to mow. It cut their work in half and it'll do the same for you. Because Limit really works.

Limit dramatically slows grass growth without unsightly yellowing. Because Limit works through the roots, not the foliage. So your grass stays green. Yet needs only half the mowings for the six weeks or more that the treatment lasts. And since you can use it before or after green-up, it always fits your schedule.

It can really help out in the spring when help is in short supply.

**USE LIMIT WHEREVER GRASS GROWS AND YOU'D RATHER NOT MOW.**

There are a lot of things you'd rather have your ground crews working on instead of cutting grass. And with Limit, they'll have the time.

Use it on median strips, wooded areas, wet spots and bunkers. Anywhere that mowing and trimming time could be better spent elsewhere. The list is endless.

**PERFECT FOR LAWN CARE OPERATORS.**

As a lawn care professional, you can use Limit to free up labor from time-consuming mowing and trimming. So they can spend their time on more important and profitable work. Use it around plantings, foundations, monuments or hard-to-get-to areas. Your customers will notice *and* appreciate the other work you're doing even more. And you can take on more accounts for more profit.

\*Recommended for ryegrass, bluegrass, tall and fine fescues.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS. LIMIT® is a registered trademark of Monsanto Company.  
© Monsanto Company 1987. LIP-7-304DR

**CUTS YOUR  
GRASSWORK IN HALF.**



# IS GRASS MORE THAN SIX TIMES. ULD CUT IT IN HALF.

## VERSATILE AND RELIABLE.

Limit is recommended for ryegrass, bluegrass, tall and fine fescues. You can apply it with any standard spraying equipment. And you don't have to worry about rain wash-off. In fact, you can even use it as a way to keep personnel busy *during* moderate rain.

Plus, Limit can be tank-mixed with both

fertilizers and commonly-used herbicides. So you get one-pass application efficiency on broadcast applications.

There's no overlap worries either. Limit is formulated to get consistent results even where application overlapping occurs. And it won't harm ornamentals or stain sidewalks, stones or monuments.

Call 1-800-332-3111 for more information

## We'll trim \$5 off the price just to show you.

### How to get your \$5 rebate:

1. Purchase one quart of LIMIT® turf regulator between January 1, 1987 and June 30, 1987.
2. Send this rebate certificate along with an original copy of your invoice showing dealer name, date and purchase of one quart of Limit. Your rebate request must be postmarked no later than July 1, 1987.
3. Monsanto will send you a check for \$5.00. Allow 4-6 weeks for your check to arrive. This offer is limited to one \$5.00 rebate check per customer.
4. Reproduced certificates will not be accepted. Monsanto is not responsible for lost claims or missed deadlines. This certificate has no cash value and is void where licensed, taxed or prohibited by law.

Name:

Firm:

Firm Address:

City:

State:  Zip:  -

Phone:  -  -

Mail to: Monsanto Redemption Center, LIMIT Rebate, P.O. Box 4004, Monticello, MN 55362

Limit is registered for non-residential use only (not labeled in California).

A-7

Monsanto Co., 800 N. Lindbergh Blvd., St. Louis, MO 63167

Circle No. 255 on Reader Inquiry Card



# 80 AND GOING STRONG

The Illini Country Club may be 80 years old, but this 'Mike Royko' keeps the spirit of the course going strong.



**T**he grounds of the Illini Country Club in Springfield, Ill., possess that extra "something" that tells you someone is working awfully hard.

Even though the Illini Country Club is observing its 80th birthday this year, much of its attraction comes from newer changes blending with its dignified charm.

This current renewal, in no small measure, results from the interests, the guidance, and the imagination of talented superintendent Mike Vogt. He has been the Illini superintendent for five years—long enough to have left an imprint on the landscape's appearance.

## Say cheese

Someone has written, "Fortunate is the man who can make his hobby his work."

Vogt has been able to do that. Yet, there is more to it than making a hobby his work.

He is a skilled writer and photographer who has applied these skills to golf course management. The result has been national recognition in the Golf Course Superintendents' Association of America.

Last February "The Ballmark," official publication of the Central Illinois Golf Course Superintendents' Association, won first place in the GCSAA's national competition. Vogt edits it. "The Ballmark" has more the look of a magazine than a conventional newsletter. It measures 8½ inches by 5½ inches in size and features a full color cover.

An average issue runs 34 to 36 pages, including advertising pages. Typographically, it is the equal of any first-line publication.

Illini Country Club superintendent Mike Vogt uses charcoal briquettes as tree fertilizer.



Superintendent Mike Vogt shows off his award for best newsletter.

Editorials represent an avant-garde development in the newsletter field—a Vogt innovation.

"I'm sort of the Mike Royko of the superintendents' association," Mike says. "I'll take on controversial topics just to get some conversation started."

Vogt says editing the newsletter has made him a better superintendent. "In order to get good material for the newsletter, I have to read a lot. That is a learning experience, and a lot of what I learn I can put to immediate use at the Illini Country Club."

Vogt will tell you he came into a job where pride of workmanship has been a long-standing tradition. In the Illini Club's 80 years, he is only the sixth superintendent.

Worker loyalty is also a plus. Vogt has good

things to say about the 16 workers who maintain the course.

In launching his program of renewal, Vogt supervised the planting of 626 trees in tasteful vistas over the 110-acre golf course. He has relied heavily on willow, ash, honey locust, white pine and oak. Mike has his favorite method of fertilizing, too.

## Charcoal fertilizer?

"I like Woodace Briquettes. We will just drop three Briquettes into a hole by a newly-planted tree, and cover them up," Mike says. "We have made some comparisons between fertilized trees and non-fertilized. You can see the results by the end of the first season. Fertilized trees will be bigger, have greener leaves, and will just be further ahead."

The future looks good for Illini Country Club, too, Vogt says. "When this place got started in 1906, it really was a "country" club. It was converted farmland well out from the city of Springfield. Now it is surrounded by homes and shopping centers.

"Still our membership stands at 465 golfers, and there is a year and a half waiting list," Vogt notes. This is in a city of just over 100,000 residents and which has eight golf courses. "The first step to qualify for the U. S. Open starts here. Illini has hosted the qualifying round for the last 25 years," Vogt points out.

For those players, a nicer 110 acres will be hard to find.

WT&T