



CHIPCO® 26019 + Daconil® Stops Snow Mold Cold


Fifteen years of university testing proves it. Tankmixing CHIPCO® 26019 + Daconil® gives you superior control of both pink and gray snow molds all winter long. The contact activity of the two fungicides stops development of these fungal dis-

eases dead in their tracks. Plus the long residual of CHIPCO® 26019 systemic activity keeps on working all winter long. And don't let competitive claims fool you. Only CHIPCO® 26019 contains iprodione for added control of brown patch.

KERRY ANDERSON

Office & Fax
815-923-1323
Car 815-592-3948

P.O. Box 21
Union, IL 60180

 **RHÔNE-POULENC** Rhône-Poulenc Ag Company, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. For further product information, please call 1-800-334-9745. As with any crop protection chemical, always read and follow instructions on the label. CHIPCO is a registered trademark of Rhône-Poulenc. Daconil is a registered trademark of ISK Biosciences Corporation. ©1995 Rhône-Poulenc Ag Company.

Photos of the University of Illinois Turf Field Day

Fred Opperman

Peter Leuzinger and Randy Wahler, two alumni from the university, put together a bus trip to the Turf Field Day at the University of Illinois in Urbana on August 21. There were 33 on the bus from all facets of the green industry: superintendents; sales, tree nursery, landscaping people; and others interested in the field day and the university. Next year, I think we may need two buses for everyone seemed to be pleased with the day and certainly liked "leave the driving to others."

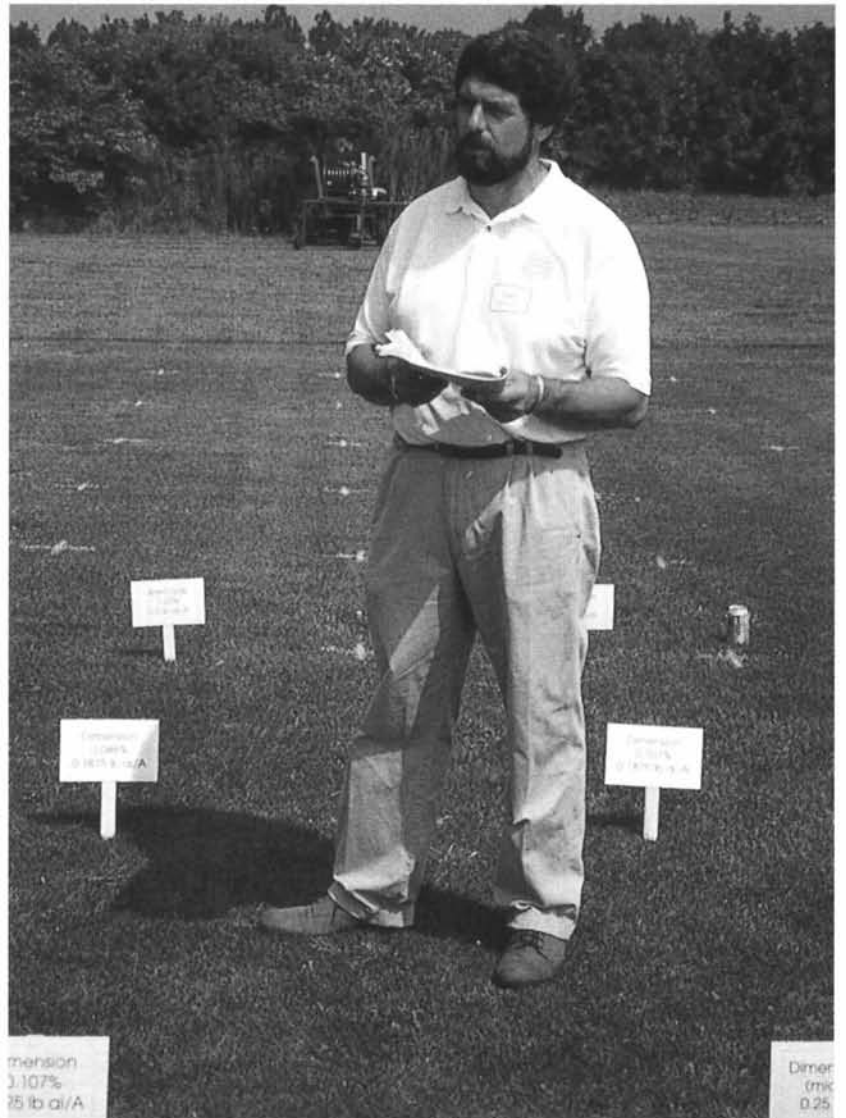
The staff at U of I did an outstanding job in presenting their studies and tests. Of course, all of the doctors get the credit, but we all know the grunts (grad and undergrad students) did the real work. ■



We had to kick Oscar Miles and Peter Leuzinger off the bus due to the "No Smoking" rule.



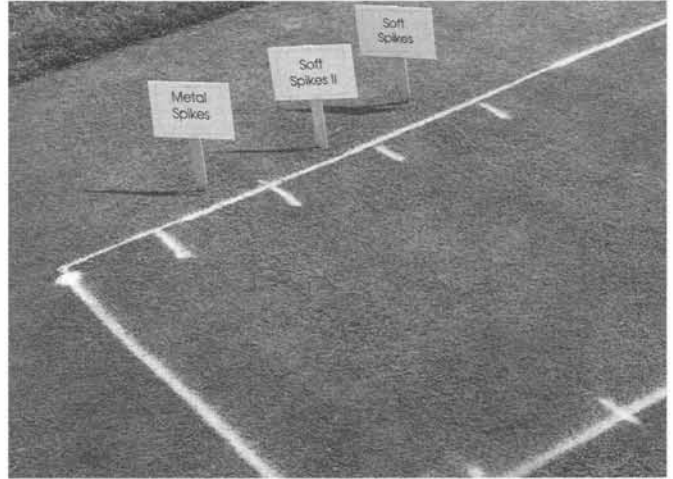
"The group who decided to take the bus—all 33 of them. Arthur Clesen, Inc. provided the refreshments on the bus.



Dr. Tom Fermanian explaining the difference with pre-emergence herbicide treatments.



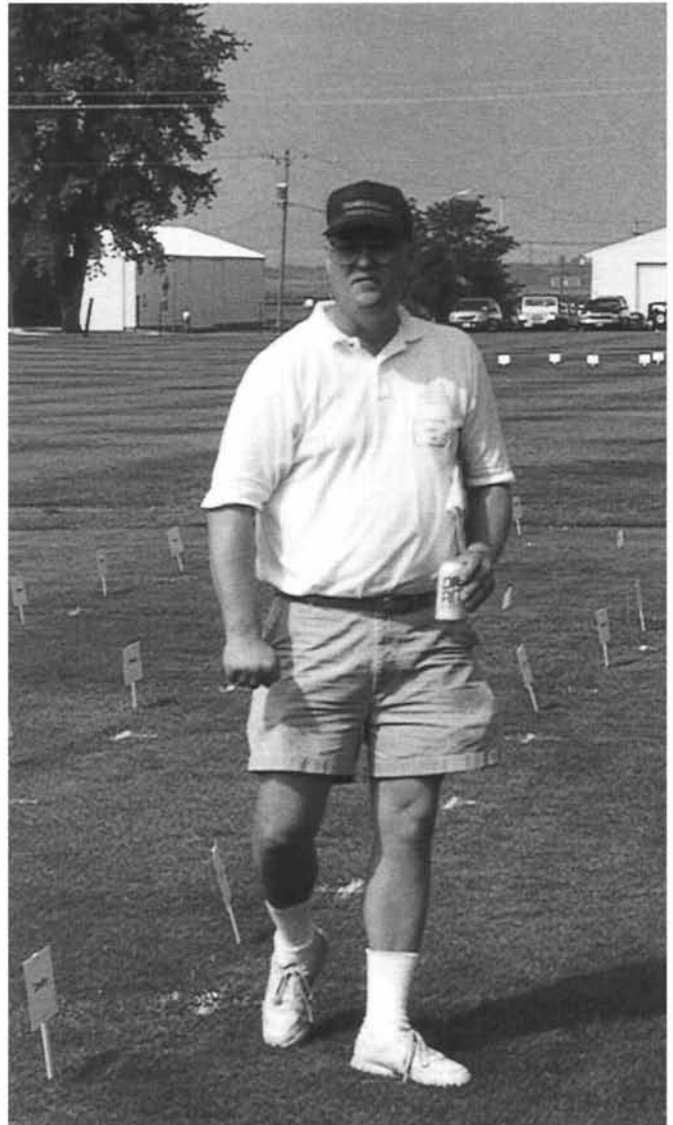
Dr. Bruce Branham showing the wear trials of spike vs. spikeless golf shoes.



A student was paid to walk up and down each section for 25 trips with a different style of spike or spikeless shoes every day. The soft spike golf shoe did the least damage. Photo by John Meyer.



Dr. Randy Kane explaining the various bents being tested.



Dr. Tom Voigt discussing trial blocks of Kentucky bluegrass. There are some really good looking ones coming in the future.



Construction Services to the Golf Industry

Your source for Golf Course Construction, Reconstruction & Improvement.

You have the Projects, Ideas & Needs. We have the Experience & Equipment to do the job **Right the First time.**

Many Trucks
Equipped with
High Floatation
Tires to
Minimize
Damage to your
Golf Course



- New Construction
- Remodelling
- Irrigation
- Drainage
- Feature Shaping
- Trap Sand Replacement

- Water Control Structures
- Pond Cleaning
- New Ponds
- Pond Lining
- Cart Paths



Specialized
Equipment
suited to
Cleaning your
existing Golf
Course
Water
Features.

CALL US TODAY!!

Lee Bruce

(608) 836-7041

Dave Weber

Established 1953



MAXILINK FREEDOM

100% WIRELESS OPERATION



1-800-373-4120

Addison • East Peoria • Rock Island

MAXILINK (Maxi Wireless)

Upgrade your current irrigation management system without the ugly mess and hassle of open trenches

FREEDOM

Put the power of central control in your hand.

Retrofits to
any Maxi
central
control
system



FREEDOM
HANDHELD
SHOWN



PRESSURE WASHERS



250
to
2,000
PSI

NEW AND USED

FREE DEMO

- SALES
- SERVICE
- PARTS
- CHEMICALS

**CALL TOLL FREE
1-800-666-3900**

"The Cleaning Equipment Specialists Since 1976"



TIM LAYDEN
General Manager

630-893-0777 • FAX (630) 893-1045

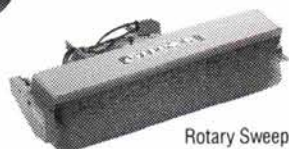
1-800-666-3900

Sales Service Parts Rentals Chemicals
25 S. Park Street • Roselle, Illinois 60172

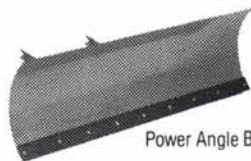
It's easy to get attached to



Looking to move up to the quality of a Steiner? You'll find the same quality Steiner engineering – with many of the capabilities of our most powerful models – in our four-wheel drive 410. It's designed for



Rotary Sweeper



Power Angle Blade

dirt and snow, edge, blow, chip, aerate and more – in minutes. Find out why the 410 is so easy to get attached to. See your authorized Steiner dealer today.

smooth handling with our unique articulated frame, low center of gravity, high flotation tires and responsive power steering. Best of all, thanks to its "Quick-Hitch" attachments, you're ready to mow, move



Tiller

STEINER

THE STEINER

A TURF TRACTOR WITH A DIFFERENT TWIST

ROSEMAN TRACTOR EQUIPMENT CO. INC.

2620 Crawford Avenue

Evanston, IL 60201

847-864-1842 FAX 847-864-1938

Golf Turf Snow Molds

*Dr. Ward C. Stienstra
Extension Plant Pathologist
University of Minnesota
St. Paul, Minnesota*

Snow mold trials over the last twenty-four years in Minnesota have shown several interesting trends. First one cannot predict the level of damage from snow mold in the fall when the application must be made. The damage can occur either in the fall/early winter or more often in the spring period. Sometimes one can determine that about half of the damage was done early in the season and the remaining damage was done as the snow melted at the end of the season. Open, cold, dry falls usually have little early season damage; and in these years,

*Fungicide programs
of the past with
products like
mercury, chloroneb
and PCNB have
given season-long
control well into
the spring.*

the superintendent may be tempted to reduce the application rate of winter products, expecting less snow mold. A dry, frozen, usually well-hardened turf does not suffer much snow mold damage in the fall, but spring disease can still result in serious turf loss. If the winter delivers less snow and it melts quickly in the spring, one can nearly escape snow mold damage; but no long-term weather predictions have been able to describe this condition in the fall when the decision to treat must be made.

Even in those years when one makes predictions in December knowing what the weather has been like for the

(continued on page 22)

CANNON TURF SUPPLY, INC.

5104 Thatcher Rd.
Downers Grove, IL 60515

**Where Success Is Based on a
Commitment to People . . .**

STOCKING A COMPLETE LINE OF PESTICIDES, FERTILIZERS,
GRASS SEED AND ACCESSORIES FOR THE TURF PROFESSIONAL

Quality Products for the Turfgrass Professional
TOLL FREE 800-457-7322

(630) 852-3200
Fax (630) 852-3230

Whatever You Need...

Commercial Turf & Tractor Has It!

Proven Experience:

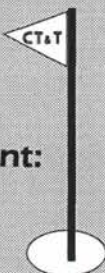
As a former golf course superintendent and the Midwest's exclusive factory authorized Verti-Drain distributor and contractor, Bryan Wood knows what it takes to keep your turf in top shape. Commercial Turf & Tractor has been serving the turf industry and 2,000-plus satisfied turf customers for over nine years!

Dependable Service:

We custom deep tine aerate with Verti-Drain on sports fields, greens and tees, fairways, parks, lawns, cemeteries and more, offering your choice of hollow or solid tines in depths up to 16"! Other services include slit seeding on 1½" centers, broadcast seeding, shallow aerification, soil cultivation, and top dresser rental. We can now supply major grass seed blends with any of our seeding services.

Quality Equipment:

We sell, service *and* rent Verti-Drains, Massey Ferguson tractors, Verti-Seed, Pro-Seed, BLEC landscape equipment, Grasshopper, Rhino, Exmark and more with new equipment arriving all the time! Our parts department has a large diversified inventory to supply all of your parts needs! When you buy from Commercial Turf & Tractor you also receive the training, support and service you need to maximize your results!



Let **Commercial Turf & Tractor** help you achieve dense, healthy, deeply rooted turf. Put our experience to work for *you!*

COMMERCIAL TURF & TRACTOR
Call Us At 1-800-748-7497
Trust Your Turf To Us!

TRANSPLANTING

TREE Specialists

"Plant a tree . . . create a legacy"

- SPECIMEN LANDSCAPE MATERIAL
- CUSTOM DIGGING
- SHREDDED BARK MULCH

GRO
HORTICULTURAL ENTERPRISES, INC.

14440 MARENGO ROAD • UNION, ILLINOIS 60180

847-669-8658 • FAX 847-669-8662

Formerly known as WILLIAMSON NURSERY & ASSOC., INC.

Greenlinks
CUSTOM-BLENDED FERTILIZER

BULK SACKS

CUSTOM-BLENDED TO YOUR EXACTING STANDARDS
Featuring The Following Premium Products...

- ★ 1,000 Lb. Sack!
- ★ Ecologically-Sound, Returnable Container!
- ★ Can Be Lifted By Most Tractors Found on Golf Courses!
- ★ Economical!
- ★ Eliminates Bag Disposal!
- ★ Eliminates Loss From Broken Bags!
- ★ Quick Application!

Tyler Enterprises of Elwood, Inc.

P.O. Box 365 • Route 53 • Elwood, IL • 60421
1-800-421-4740 • 815-423-5551 • Fax: 815-423-6331



Frost Delays



How can a footprint be a killer? When it's a footprint made on a putting surface that's covered with frost.

It's hard to believe that simply walking across a golf green covered with frost can cause so much damage, but the proof will be there in a few days as the turfgrass dies and leaves a trail of brown footprints. That's why most courses will delay starting times until the frost has melted. And it's also why golfers who appreciate a quality putting surface will be patient during frost delays.

Why does frost cause problems?

Greens are fragile. The putting surface, or green, is an extremely fragile environment that must be managed carefully and professionally. Remember that every green is a collection of millions of individual grass plants, each of which is a delicate living thing. Obviously, Mother Nature never meant for these plants to be maintained at $\frac{3}{16}$ or even $\frac{1}{8}$ of an inch for prolonged periods. This "stress" makes greens constantly vulnerable to attacks from insects, disease, heat, drought, cold — and frost.

Frost is essentially frozen dew. It can form when the temperature (or wind chill) is near or below the freezing point. The ice crystals that form on the outside of the plant can also harden or even freeze the cell structure of the plant. When frosted, the nor-

mally resilient plant cells become brittle and are easily crushed. When the cell membranes are damaged, the plant loses its ability to function normally. It's not much different than cracking an egg. Once the shell is broken, you can't put it back together.

The proof is in the prints

Although you won't see any immediate damage if you walk on frosted turf, the proof will emerge within 48 to 72 hours as the leaves die and turn brown. And, since just one foursome can leave several hundred footprints on each green, the damage can be very extensive.

Thanks for understanding

The damage isn't just unsightly—putting quality will also be reduced until repairs are made. Those repairs are expensive and, in some cases, the green may have to be kept out of play for days or weeks until the new turfgrass is established. A short delay while the frost melts can preserve the quality of the greens, prevent needless repairs and may even save you a few strokes the next time you play. ■

Choose IsoTek³¹ For All Your Turf Needs.

Introducing the IsoTek³¹ fertilizer line. Proven effective on warm-season and cool-season grasses in any growing condition or soil type. IsoTek³¹ begins to release its isobutylidene diurea-based nitrogen the minute it comes in contact with moisture. At the same time, other essential turf nutrients — potash, phosphorous and micronutrients — are slowly released from the homogeneous IsoTek³¹ particle. Aiding in quick green-up and the restoration of lost vigor and turf density. Which means your turf will benefit from the sustained performance and excellent response you've come to expect from isobutylidene diurea — and Lebanon Turf Products.

For more information on IsoTek³¹, the world's premier nitrogen source in a homogeneous product, call Lebanon Turf Products at 1-800-233-0628. Available in greens and fairway grades.

IsoTek³¹

Distributed by :
Turf Products, Ltd.
2 N 255 County Farm
West Chicago, IL.
630-688-5537



Specializing in Golf Course Renovations

- Tees • Greens • Traps • Fairways
- Hydroseeding • Plant Installation •

company, inc.
don fiore

landscape contractors & architects
golf course contractors

28846 Nagel Court
Lake Bluff, Illinois 60044
847 234 0020
Fax 847 234 0922

Certified Member: American Society of Landscape Architects
Midwest Association of Golf Course Superintendents

ReJeX-iTTM

BIRD AVERSION AGENTS



THE "GRAPE" SCENTED BIRD
REPELLANT WITH E.P.A.
APPROVAL IS NOW AVAILABLE
FOR ALL APPLICATIONS.

FOR INFORMATION CALL:
Arthur Clesen, Inc



543 Diens Drive Wheeling, IL 60090
(847) 537-2177 Fax (847) 537-2210

the Bull Sheet

DATES TO REMEMBER

October 1 — ITF Golf Day at Schaumburg G.C. and Poplar Creek G.C.

October 8 — MAGCS monthly meeting at Bryn Mawr C.C.

November 7 — MAGCS Clinic and Annual Meeting at Butterfield C.C.

November 12-14 — Penn State Turf Conference at State College, PA.

November 19-21 — Three-day Turfgrass and Ornamental Seminar at Purdue.

December 3-5 — NCTE at Pheasant Run Resort & Golf.

February 6-12 - GCSAA Conference in Las Vegas, NV.

February 25 - GCSAA Seminar "Prevention Maintenance of Equipment" at Seven Bridges G.C.

April -MAGCS monthly meeting at Mt. Prospect G.C.

June 2 - MAGCS monthly meeting at Rolling Green C.C.

July 7 - MAGCS monthly meeting at Orchard Valley G.C.

September 22 - MAGCS monthly meeting at Ruffled Feathers G.C.

I received a nice note from one of the superintendents' best friends, i.e., Jim Latham. Jim reports all is well in the "Land Along the Brazos." He states they do get rain in the area, and the last time the lightning took out most of their electrical appliances. Of course, they were away from the house for a few days when it happened. Jim mentioned that he was up at MSU for the dedication of the new TGIF facility in the library. TGIF is now on the World Wide Web at <http://www.lib.msu.edu/tgif>. It has been set up so there is a separation between the heavy science papers and popular articles. Jim changed his address to: P.O. Box 2130, Whitney, TX 76692.

There will not be a "Ray Gerber Editorial Award" for this year since we did not have the required six articles written by a superintendent. Articles written by the Board of Directors or other assigned articles do not qualify. The superintendents qualifying which will be carried over to 1997 are:

- Tony Rzadzki, for October 1995, "I Quit Wearing my Boots Today"
- Raymond Schmitz, for February 1996, "A Summer to Remember"
- Gary Hearn, for March 1996, "Boo! Nite Lite"
- Bruce Williams, for July 1996, "Effective Time Management"

Congratulations to Brad Anderson on becoming certified recently. Brad is at the Midlane C.C.

It is sad to say good-bye to Roger Stewart who is now working at the TPC at Jasna Polana (Polish for Beautiful Meadow), Princeton, New Jersey. This is an 18-hole, Gary Player-designed course that is presently being built on the Johnson (Johnson & Johnson) Estate. This is the first TPC club in the greater New York/Philadelphia area. Roger started September 16, and the family will move in January. Good Luck, Rog.



The Superintendents Golf League presented Roger with a "going-away cake" at their golf outing.

NECROLOGY

It is with a deep sense of loss that we announce the death of Nicholas P. Hargarten, the father of Phil Hargarten, who passed away on August 11, 1996.

Chad Martin, a recent graduate from Illinois State University with a BS in Agriculture Business/Horticulture is looking for an assistant's position. Please call 630-858-3164.

(continued on page 28)