

CHOOSE YOUR WEAPON!

- Labeled for use on golf courses and sod farms only
- Proven effective on thousands of courses and in numerous university trials
- Apply at 60 to 80 lbs. per acre for insect control
- Concentrated 5% granular formulation


CRUSADE[®] 5G
Granular Insecticide

- For use on all turfgrass areas
- 4 to 6 week residual control
- Apply at 100 to 200 lbs. per acre to control insects
- Distributes evenly through standard rotary spreaders
- Larger particle size makes calibration easier

Mainstay[™] 2G
insecticide

LESCO

Mainstay™ 2G Joins the Ranks!

New formulation to help win the Battle of the Bugs!

Superintendents now have a choice about what to use to control mole crickets, grubs, chinchbugs, and other important turfgrass pests: LESCO Mainstay 2G and Crusade 5G Granular Insecticides. Both provide excellent control of soil- and surface-feeding insects. Both have the active ingredient fonofos, a proven performer on thousands of warm-season courses and in numerous university trials. And both come in an easy-to-spread granule formulation that demonstrates superior efficacy from tee to green.



Your Choice

Crusade
at 60-80 lbs./acre
or **Mainstay**
at 100-200 lbs./acre

Both provide four to six weeks residual control, making them among the most cost-effective insecticides on the market today.

Ask your LESCO Sales Representative about your new choice in insect control:

Mainstay 2G
OR
Crusade 5G Granular Insecticides.

Call: (800) 321-5325
(In Cleveland, 333-9250)

CRUSADE® 5G
Granular Insecticide

Mainstay™ 2G
insecticide

CONTENTS



Officers

President Paul Crawford
Palm Beach Country Club
P.O. Box 997
Palm Beach, FL 33480
(407) 845-2395

Vice President Scott Bell, CGCS
Bent Pine GC
6001 Clubhouse Drive
Vero Beach, FL 32967
(407) 567-9422

Secretary/Treasurer Greg Plotner, CGCS
Tampa Palms G&CC
5811 Tampa Palms Blvd.
Tampa, FL 33647
(813) 972-3375

Past President Mark Jarrell, CGCS
Palm Beach National GC
7500 St. Andrews Road
Lake Worth, FL 33467
(407) 965-0046

Directors

Big Bend Mike Osley
Hilaman Park Municipal GC
(904) 891-3936

Central Florida Joe Ondo, CGCS
Winter Pines Golf Club
(407) 671-1651

Everglades Mike Mongoven
Fort Myers CC
(813) 278-7261

North Florida Kim Shine, CGCS
Windsor Park GC
(904) 223-0886

Palm Beach Chip Fowkes
Emerald Dunes GC
(407) 684-4653

Ridge Alan Puckett
Lake Region Y&CC
(813) 324-4678

Seven Rivers Jeff Hayden
Gainesville G&CC
(904) 376-8174

South Florida Dale Kuehner, CGCS
Colony West Country Club
(305) 721-5980

Sun Coast Jim Miller
(813) 485-6568

Treasure Coast Jay Gratton
Windsor GC
(407) 388-9820

West Coast Chip Lewison
Walden Lake G&CC
(813) 754-4670

Staff

Secretary Marie Roberts
1760 NW Pine Lake Dr
Stuart, FL 34994
Phone: Days (407) 692-9349



SUMMER
1994

FOREWORDS NEW ATTITUDE AT GCSAA 6

Paul Crawford was impressed with the attitude of the new GCSAA executive staff and sees great things ahead for the organization and for the magazine, *Golf Course Management*.

SPOTLIGHT I: POLLS, POA, FAREWELL 10

The Poa Weekend was fantastic and the Sandoz Poll shows that pesticide applicators are as much concerned about environmental safety as the general public. Tom Benefield turns in his editorial license.

COVER STORY WORLD WOODS OF GOLF 20

Joel Jackson went down to the woods between Brooksville and Homosassa Springs and found a magnificent, state-of-the-art facility with two superintendents and three assistants.

HANDS ON: MOLE CRICKETS THE FINAL FRONTIER 35

Tom Benefield and 17 field experts discuss strategy and tactics in the never-ending war.

HEADS UP: ACSP ENVIRONMENTAL PLANNING 56

Environmental planning is the key to becoming a Certified Cooperative Sanctuary under the Audubon Society of New York and USGA program. Shelly Foy, Tom Benefield and three superintendents share their thoughts.

REGULATION REALLY, MR INSPECTOR 54

Ignorance of local, state and national environmental laws will not prevent stiff penalties. Scott Bell covers 15 major areas in which to begin your own self-examination.

SPOTLIGHT II FUND RAISERS AND TV INTERVIEWS 76

The Envirotron Classic at World Woods of Golf, South Florida Expo in Fort Lauderdale and Futures of Golf in West Palm Beach all raised lots of money for turf research... and helped superintendents raise their professional standards as well. A New York superintendent explains why he agreed to appear in a CBS News story on pesticide use.

AFTERWORDS: JARRELL, JACKSON 92

Mark Jarrell sees some seeds of common sense sprouting in government, while Joel Jackson sees what only Joel can see...

The Florida Green

Official Voice of the Florida Golf Course Superintendents Association

Published four times a year:
On the fifteenth of January, April, July, and October

editor/publisher emeritus Dan Jones, CGCS
Banyan GC
West Palm Beach

editor Tom Benefield, CGCS
PO Box 1783
Hobe Sound, FL 33455
(407) 546-8033

assistant editor Joel D. Jackson, CGCS
Magnolia G.C. at Disney Resort
Address Florida Green business to:
6780 Tamarind Circle, Orlando, FL 32819
(407) 351-3729
(407) 824-2687 Work

business manager Paul Crawford
Palm Beach Country Club
P.O. Box 997
Palm Beach, FL 33480
(407) 845-2395

publications chairman Scott Bell, CGCS
Bent Pine GC
6001 Clubhouse Drive
Vero Beach, FL 32967
(407) 567-9422

COPYRIGHT NOTICE: Copyright 1994, Florida Golf Course Superintendents Association. All rights reserved. May not be reproduced in whole or in part without written permission of the FGCSA. EXCEPTION: Official publications of all golf course superintendent associations affiliated with the Golf Course Superintendents Association of America are welcome to use any material contained herein provided they give credit and copyright notice.

SUBSCRIPTIONS: \$20 for four issues. Contact the FGCSA office.

ADVERTISING: For rates and information, contact the FGCSA office at 800-732-6053

EDITORIAL: All inquiries should be directed to the editor, Tom Benefield, CGCS. Unsolicited manuscripts and photographs cannot be returned.

Contributors to this issue

Cover Photographer: Golfoto, Inc.

Cover Story Writer: Joel Jackson, CGCS

Mole Cricket Package: Tom Benefield, CGCS, coordinator; Mike Bailey; Eddie Snipes; Paul Salmon, CGCS; Karl Schmidt; Robert Klitz, CGCS; Lee Van Valkenburg, CGCS; Alan Puckett; Dale Kuehner, CGCS; Buck Buckner; Bob Bittner, CGCS; Craig Bolter; Hal Hicks; Michael Litton; John Demaree; John Gallagher; Darren Davis; Mark Henderson; Ken Lewis, PhD.

ACSP-Environmental Planning: Shelly Foy; Tom Benefield, CGCS; Greg Plotner, CGCS; Darren Davis; Cary Lewis.

Regulation: Scott Bell

South Florida Expo: Almar Chemical

Futures of Golf: John Gallagher

Columnists: Mark Jarrell, CGCS; Joel Jackson, CGCS

File Photos: Janlark Communications, Inc.

Production

The Florida Green is published with the assistance of Janlark Communications, Inc.
Publication Manager Larry Kieffer
Art Director Ken Cooke
Separations Positive Images, Bartow
Printer Rinaldi Printing Co., Tampa



208 South Main St.
P.O. Box 336, Auburndale, FL 33823
813-967-1385 Fax 813-967-4553

Advertiser Index

AgrEvo	71	Nucrane Corp.	C3
AgriGro	55	Nutri-Turf, Inc.	69
Agro-Tech 2000	75		
Almar Chemical Co.	38	Otterbine-Barebo Inc.	91
AmerAquatic Inc.	33		
Aquatrols Corp. Of America	83	Partac Peat Corp	87
Arbor Tree & Landscape	75	Pifer Equipment	51
Atlantic FEC Fertilizer	71	Polecat Industries	91
		Precision Laboratories	67,69
Biosys	7,9,insert		
Boynton Pump	77	Regal Chemical Co.	59
		Rhone Poulenc	81
Cedar Chemical	41	Rogers Innovative	29
Central Florida Turf	65	Rohm And Haas Co	2
		RSI Holdings of Florida	insert
DowElanco	65		
DuCor International	19	Safety Storage Inc	73
		South Florida Grassing	61
E.R. Jahna Industries	93	South Florida Turf Products	63
Eco Soil	11	Southern Ag Insecticides	42
Environmental Waterway Mgt .	77	Southern Corp. Promotions	43
		Specialty Tree Surgeons	87
Florida Silica Sand	96	Spread-Rite, Inc.	87
		Standard Sand & Silica	91
Golf Agronomics Supply	73	Subaqueous Services Inc	48
Golf Course Renovations	61	Sullivan Electric & Pump	93
Golf Ventures	86	Sunniland Turf Products	67
Harrell's, Inc.	89	Terra International, Inc.	38
Haverland Blackrock Paying	87	Tifton Physical Lab	79
Hoechst-Roussel Agri Vet Co. ..	25	TMI Turf Merchants	15
Hunter Industries	39	Tom Burrows Turfgrass Svc	83
		Toro Dealers Of Florida	insert
ISK Biotech Corp	31		
		United Horticultural Supply	17
Kubota Tractor Corp	57		
		Valent USA	27
Lesco, Inc.	1,C2,C4	Van Waters & Rogers	47
Liquid Ag Systems, Inc.	23	Vigoro Industries	53
Lofts Seed, Inc.	45		
Lutz Corporation	83	Zeneca	37,95,insert

FORE[®] BEATS 14 TOUGH DISEASES ON NATIONAL TOUR



You didn't read it in the sports section. But Fore fungicide recently wowed course superintendents in 17 states.

Put to the test, Fore showed it was one of the hardest-hitting broad-spectrum fungicides in commercial turf care today. And probably the most economical.

Beats more diseases for the money.

On tees, greens, and fairways, Fore proved it was more than a match for 14 major diseases. Including such well

known names as Brown patch, Dollar spot, and Helminthosporium melting-out.

And as superintendents in 17 states discovered, a treatment of Fore costs far less than the leading competitive fungicides.

No resistance after 25 years.

A multi-site enzyme inhibitor, Fore has been defeating turf diseases for over 25 years. And in all that time, not one of those diseases has mustered even the least resistance.

**Holler Fore!
Even for Pythium.**

Spray a reduced rate mixture of Fore and Subdue (or Banol) – and you can also gain improved control of Pythium blight.

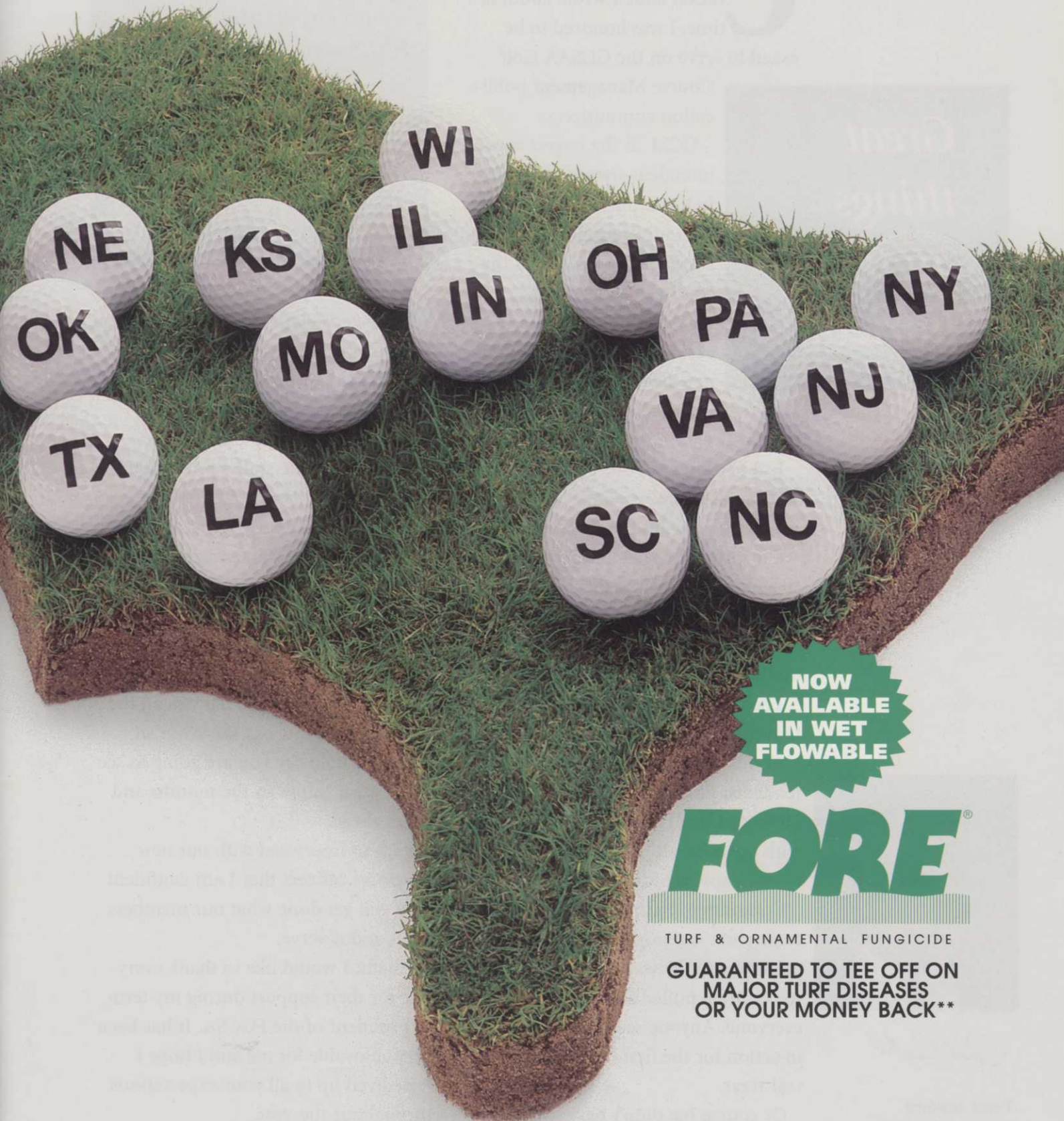
So if you're looking for a proven broad-spectrum fungicide to strengthen your program this year – holler Fore! And duck some of the high cost of turf care at the same time.

**ROHM
& HAAS** 

*For information on trials and warranty, write: Rohm and Haas, c/o Bob Gordon, Independence Mall West, Philadelphia, PA 19105

**Limited warranty: Fore fungicide is guaranteed to control labeled turf diseases or your purchase price will be refunded.

Carefully monitored trials* in these 17 states showed Fore controlled 14 major turf diseases.



**NOW
AVAILABLE
IN WET
FLOWABLE**

FORE[®]

TURF & ORNAMENTAL FUNGICIDE

**GUARANTEED TO TEE OFF ON
MAJOR TURF DISEASES
OR YOUR MONEY BACK****

Read and follow all label directions. Fore is a registered trademark of Rohm and Haas Company. Subdue is a registered trademark of Ciba Geigy. Banol is a registered trademark of Nor-Am. ©1992 Rohm and Haas Company.

Continuing with the communication issue I wrote about last time, I was honored to be asked to serve on the GCSAA Golf

Course Management publication committee.

GCM is the largest superintendent-owned magazine in the country and is a key communication link for superintendents across the country.

I didn't know what to expect on my first trip to our new headquarters in

Lawrence, Kan. The building is very nice.

Is it too large for our present needs? Without a doubt.

Will we grow into it? Time will tell.

Our present board and new executive officers inherited this building and have plans for the unused space that will benefit everybody — most importantly, the bottom line.

The committee meeting itself was fantastic.

At our open forum, we had superintendents, PhDs and — look at this! — 10 (count 'em!) staff members... all with open minds. And everyone felt free to express his opinion.

Committee chairman Paul McGinnis ran a great meeting. Even more impressive was the way our new COO Joe O'Brien pulled thoughts from everyone. Anyone seeing Mr. O'Brien in action for the first time is in for a real treat.

Of course Joe didn't have much

At our open forum, we had superintendents, PhDs and — look at this! — 10 (count 'em!) staff members... all with open minds. And everyone felt free to express his opinion.

trouble getting me to voice my opinion on GCM. I think you will see some changes to our national magazine in the next year as a direct result of superintendent input, executive direction and the staff's professional skill.

Subject to board approval, the magazine will be modernizing its production facilities, using computers to streamline much of the time-consuming work that had been done the old-fashioned way.

I don't have space to tell you all the good things I saw out there but sit back and hold on: you are going to see some great things in the months and years ahead.

I am so impressed with our new executive officers that I am confident they will get done what our members want and deserve.

Finally, I would like to thank everyone for their support during my term as president of the FGCSA. It has been very enjoyable for me and I hope I have lived up to all your expectations throughout the year.

Great things on the horizon!



Paul Crawford

Paul Crawford
President, FGCSA



For A Look At The New Mole Cricket Battle Plan, Just Turn The Page.

I had the privilege last month of attending the annual meeting of the Florida Sod Producers Association (FSPA) held in the heart of Polk County. It was an excellent meeting with an educational session, awards presentation and equipment demonstration after the barbecue lunch.

At the morning session an update was given on the status of developing and implementing a state-sanctioned and -regulated sod certification program. All of the FSPA members were very interested in the program, how it would work and what the costs would be. However a major concern was over whether

the customer would be willing to pay more for "certified" sod than they would for non-certified.

This is a very valid point. Will you as a customer insist on using "only" certified sod and sprigs? Will you as a customer for Tifdwarf or Tifway 419 bermudagrass pay three to five cents more per square foot for certified sod or \$1 per bushel more for sprigs over non-certified?

If the answer is "No," then you have just driven the first nail into the coffin of the sod certification program. If the answer is "No," then you have also decided that you are willing to continue accepting the Heinz 57 mixture of grasses coming out of sod fields all over the state.

You see, the sod certification program will not be without its costs to the producers. Those producers who sign up to participate (and not all in the state will) in the program will have no choice but to pass these costs on to you the consumer.

At the same time, there will be the non-certified producers out there. You can probably tell who they are going to be right now. They will be the ones that cut corners on their production costs in order to undercut prices of legitimate producers. You know... a few more weeds in the sod, a few more diseased pallets in the truckload, a few more different types of grasses than the one they are supposed to be delivering. Hell, maybe with a little luck you might actually get some of the type of grass that you ordered.

And then again maybe you won't.

It is an interesting scenario we have here. What we have right now is everybody in the sod business in a gray area. Maybe they have the real McCoy and maybe they don't; there is no way to be sure.

There are no real good guys and no real bad guys, just a bunch of gray guys... no standards, no controls, no criteria and no demands, just grass. Are you ready to step forward and put your money where your mouth is? Are you ready to pay for the real McCoy?

I hope so. You see, the golf course industry is what is behind this FGCSA/FTGA/FDAC effort to revitalize a certification program. It is because of

Continued on Page 18

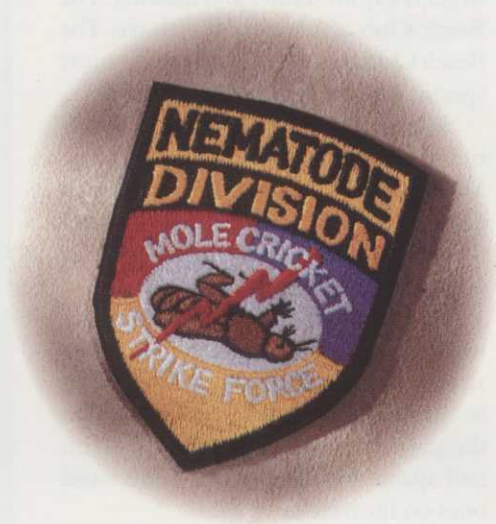
Will you pay for the real McCoy?

Editorial License



Tom Benefield, CGCS Editor

You've Got A Start In The War Against Mole Crickets. Now Send In The Army To Finish 'Em Off.



Introducing LESCO™ Vector® MC.

No pesticide gives you this kind of power.

If the pesticide you're using to battle mole crickets only fights nymphs, you're waging war at a disadvantage.

You've seen it season after season. You pull out all the stops. Hit them with everything you've got. And still it isn't enough.

Fortunately, there's a fiercer way to fight mole crickets. It's nature's own answer to cricket control – beneficial nematodes. We've packaged them by the billions in LESCO™ Vector® MC.

LESCO™ Vector® MC outperformed the standard chemical treatment in 28 out of 32 evaluations, providing 86% control ten weeks after application. Our ravenous little predators have an appetite for adult mole crickets. They kill, they feast, and then they go looking for their next mole cricket prey. Nematodes take a bite out of the mole cricket life cycle – every adult they devour is another defeated foe that won't be laying more eggs.

But tough as they are, they're gentle on your turf. They don't pose a threat to people, aquatic organisms,

ornamental plants or ground water when used as directed. As a naturally occurring predator, they're exempt from EPA regulations. And they don't have a chemical odor.

So this season, call in the natural guard. Add LESCO™ Vector® MC to your arsenal.

Billions of cricket-eating nematodes in every case. Manufactured by biosys, inc. A leader in biological pesticides.

LESCO™

20005 Lake Rd. · Rocky River, OH 44118
(800) 321-5325 · Fax (800) 673-3030

Friday the 13th no ill omen as annual Poa Weekend attracts hundreds to Naples

If you didn't make it to this year's Poa Annua Weekend, you missed one of the great social and business events of the year. Every year hundreds of turf professionals and their families flock to the Naples Beach Club for a weekend full of golf, education, great food and just plain fun!

If this was your first year, I'm sure it won't be your last! And if you didn't make it, talk to someone who did. The event which started over 20 years ago seems to get better and better each year.

This year's Poa Annua started on the very unsettling day of Friday the 13th. Superstition and bad luck were nowhere to be found, however, as the FGCSA Seminar with Dr. Michael Coffman was a huge success. A standing-room-only audience enjoyed an informative and extremely important educational session. Those who attended would have to agree; a valuable lesson was learned by all.

If you missed the seminar, look for the book *Environmentalism* by Dr. M. Coffman

The seminar ended at about 5:30 p.m. and we were all ready for some fellowship and fun. Many opted for a beverage at the pool or a stroll on the beach. Either option seemed appropriate, since the seminar took place only about 50 feet from either place.

Many opted for a beverage at the pool or a stroll on the beach. Either option seemed appropriate, since the seminar took place only about 50 feet from either place.

Photos on pages 12 and 13

Still others hustled back to their rooms to get ready for dinner and dancing. The Beach Club offers all of the above. The Beach Club also delivers one of the most spectacular sunsets on the planet.

Saturday morning arrives with the ultimate breakfast buffet and the G.C. Horn Memorial Golf Tournament. David Barnes and Dick Naccarato put on one of the most enjoyable tournaments of the year.

But if you think you're having fun, the wife and kids are having a ball across the street soaking up the sun and swimming in the beautiful Gulf of Mexico. When the game is over, get the bathing suit on and spend some time with your loved ones on the beach.

Saturday night approaches and it's time for the famous Poa Annua Banquet. I hope you took a short nap!

Three hundred of your friends, family and colleagues have gathered to share all of the past year's experiences as well as the weekend's events and a few laughs. The band, a magician and comedian all take turns entertaining you as you feast on the bountiful buffet.

My wife Trish said the mahi mahi was the best she had ever tasted and George Bowling set a new records for trips to the buffet table. In between dances and laughs, we eagerly awaited the raffle and drawings. The Beach Club, Marco Marriott and South Seas Plantations all donated fabulous getaway weekends as well as Hidden Acres Nursery donation of a golf bag and putter.

Susan Zeigler was the big winner, as she will be going on Norwegian Cruise Lines for a three-night cruise to the Bahamas, courtesy of the Everglades Chapter. Since she didn't ask me, I assume she'll take her husband. Just outside the banquet room, the waves keep rolling in and the weekend continues.

Three hundred of your friends, family and colleagues have gathered to share all of the past year's experiences as well as the weekend's events and a few laughs. The band, a magician and comedian all take turns entertaining you as you feast on the bountiful buffet.

Sunday morning hits most of us way too soon as we prepare for the 1994 Poa Annua Classic. Dick Naccarato has his Beach Club layout in championship form and the tournament starts under perfect weather conditions.

As our wives are sleeping in or enjoying their first cup of coffee, we are fighting Dick's tough pin placements and blasting out of traps but having a great time nevertheless. The Everglades superintendents have been working way too hard this spring and fall to keep the coveted cup of Poa Annua.

The Ridge Chapter obviously went to bed early and came to Naples with victory in mind as they walked away with the team championship led by Chuck Rogers winning low net of 65, Ray Cuzzone, Mark Hopkins and Alan Puckett, humbled all the other chapters. Only Steve Ciardullo, a former Everglades president now a mem-

Continued on page 18