

The National Team Championship, a recent PGA tournament, was held in our area at Walt Disney World Course with John McKenzie, C.G.C.S., as host superintendent. The golf course was in great shape and John should be congratulated.

For those of you who don't know, the officers in the Central Florida Chapter are:

Gary Morgan — President — Sherwood C.C.  
John McKenzie — Vice President — Walt Disney World  
Dwight Singo — Secretary-Treasurer — Big Cypress C.C.  
Aris Catsam — Past President — Rolling Hills G.C.  
Danny Aylwin — Director — New Smyrna Beach G.C.  
Louis Edwards — Director — Fairgreen Golf Club  
Bill Galliard — Director — Winter Park G.C.  
Edward Harvey — Director — Deer Run G.C.  
Wayne Renner — Director — Winter Greens G.C.

Please feel free to call any one of us at any time. We are here to help you — the superintendents — our chapter and the Florida Golf Course Superintendents Association.

## Central Florida Pesticide Report

By GARY MORGAN & SUSAN MORGAN

The Central Florida region is a very broad area and probably has all the insect problems and weed problems that everyone has throughout the state, since the area is in the middle of the state and covers deep inland areas to coastal regions. We also experiment with many different chemicals in hope of finding that one chemical that will control the insect or weed that is giving us a particular problem. Since the E.P.A. regulates the distribution and use of our most widely used chemicals, we are forced to find other and newer means of control whether preventative or curative.

Here are some of the methods used by our superintendents and their reasons why. We hope you can use this information in your operation. Please feel free to call any one of us if you have any questions about one of our practices.

**Tim Hiers** — Golf Course Superintendent  
Suntree C.C. Melbourne

### *Nematodes:*

EDB was used on fairways with good results. Also received good residual on Mole Crickets. Treatment was done in early June.

### *Mole Crickets:*

Dursban Bait .5% @ 120 lb/A  
Mocap at label rate.

### *Goosegrass:*

Greens — no control needed.  
Fairways — MSMA + 2,4-D (3 treatments)  
(1) 2qts MSMA/A + 1 pt/A 2,4-D  
(2) 2qts MSMA/A + 12 oz/A 2,4-D  
(3) 2qts MSMA/A + 8 oz/A 2,4-D  
Also used was Sencor + MSMA  
1/8 lb Sencor/A + 2 lb/A MSMA

### *Worms:*

Primid at 1½ qts/A — best results  
Diazanone AG 500 at 2 qts/A (Green Banks)  
Sevin at 10 lbs/A — fair results  
Lannate at 2/5 oz/1000 sq ft — fair results

**Dwight Singo** — Golf Course Superintendent  
Big Cypress Golf Club, Winter Springs

### *Nematodes:*

No control this year. Will probably use EDB next year.

### *Mole Crickets:*

Mocap was used at 100 lbs/A. Excellent results with proper water and soil moisture.

### *Goosegrass:*

Fairways — used Sencor and MSMA  
3 oz/A Sencor + 2 lb/A MSMA (2 applications)  
Greens — 8 lb formulation MSMA + 2,4-D  
(1) 24 oz MSMA/A + 8 oz 2,4-D + 2 pt sticker  
(2) 24 oz MSMA/A + 2 pt sticker  
(3) 24 oz MSMA/A + 8 oz 2,4-D/A + 2 pt sticker

### *Worms:*

Primid at 1 qt/A with 3 weeks residual  
Toxaphene at 1 pt/A  
Diazanone AG 500 at 1 qt/A

**Bob Williams** — Golf Course Superintendent  
Indigo Golf Club, Daytona Beach

### *Nematodes:*

No control used in fairways.  
Scotts Mocap was applied to trap edges at 5 lbs/1000 sq ft. Also good results for Mole Crickets.

### *Mole Crickets:*

Diazanone and Sevin was used with real good control. Soil moisture was real good when chemicals were applied. Diazanone at 1½ gal/A and Sevin at 5 lbs/A with 10 oz/A of Wet in.

### *Goosegrass:*

Only early Spring applications were used.  
MSMA + 2,4-D (3 applications)  
(1) 2 qt/A MSMA + 1½ pt/A 2,4-D + 1 qt/A Wet in  
(2) 2 qt/A MSMA only  
(3) 2 qt/A MSMA + 1 pt/A 2,4-D + 1 qt/A Wet in

### *Worms:*

Sevin is used at 4 lb/A. It does a real good job and is also used on St. Augustine lawns.

**Louis Edwards** — Golf Course Superintendent  
Fairgreen Golf Club, New Smyrna  
Beach

**Nematodes:**

EDB was used in May with good results. Not much residual was seen for Mole Crickets. Nematicur was also used on greens at 3 lbs/1000 sq ft with good results.

**Mole Crickets:**

Mocap at label rates with very good results. Have tried irritants with not much luck.

**Goosegrass:**

Very little on course. What there is, is hand picked.

**Worms:**

Sevin is used at 6 lbs/A with excellent results. Finds good residual with Sevin.

**Gary Morgan** — Golf Course Superintendent  
Sherwood C.C., Titusville

**Nematodes:**

EDB was used on fairways and tees with excellent results at 4 gal/A in April. Nematodes were controlled and excellent residual was found on Mole Crickets.

**Mole Crickets:**

Dursban .5% Bait is used where needed at 100 lbs/A.

**Goosegrass:**

6.6 lb formulation MSMA was used on greens and tees at 1 oz/1000 sq ft at 5 day intervals. Good results. Sencor and MSMA was used on Fairways with poor results at 1/4 lb Sencor and 1 1/2 qt/A MSMA. Asulox was used at 5 pts/A with excellent results. Bad burn on Bermuda but it recovered successfully.

**Worms:**

Primicid at 1 1/2 oz/1000 sq ft. Good results and finding a 4 week residual.

Diazanone AG 500 at 2 oz/1000 sq ft with good results and 2 week residual.

**Jim Ellison** — Golf Course Superintendent  
The Bayhill Club, Orlando

**Nematodes:**

EDB was used. Excellent control of nematodes and residual on Mole Crickets. Will use same next year.

**Mole Crickets:**

EDB has such good results that not too much more mole cricket activity was noticed. Any mole crickets found were treated with Dursban .5% Bait.

**Goosegrass:**

(1) Greens: MSMA 1oz/1000 at 5 day intervals. Hand picking is also done.

(2) Fairways: Sencor + MSMA used. These applications at 1/4 lb/A Sencor + 2 qts/A MSMA each. Each application spaced at 14 to 17 day intervals.

**Worms:**

(Preventative Program)

Diazanone AG 500 — 2 qts/A

Primicid — 1 qt/A with 2 week residual

**Lloyd Clifton** — Golf Course Architect and Consultant  
Deland

**Nematodes:**

EDB is liked very much but thinks the phytotoxicity should be strongly looked at. Nematicur on greens at 3 lbs/1000 sq ft.

**Mole Crickets:**

Use Dursban .5% Bait and other available chemical controls.

**Goosegrass:**

Greens — MSMA at 1 oz/1000 sq ft at 5 day intervals.  
Fairways — MSMA + 2,4-D at 5 day applications (3 applications)

(1) MSMA 2 qts/A, 1 pt/A 2,4-D

(2) MSMA 2 qts/A, 8 oz/A 2,4-D

(3) MSMA 2 qts/A, 8 oz/A 2,4-D

# Get out of the water!

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*Serving golf courses throughout Florida*

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