

Central Florida Journal

By GARY MORGAN & SUSAN MORGAN

This is our first article in *The Florida Green*, and we are looking forward to every issue and to everyone's participation. We would like to say it is great to be a part of the Florida Golf Course Superintendents Association. We are proud of this association and will strive for continuity throughout the state.

We would like to welcome our new president, Bill Wagner. We know the upcoming year will be very rewarding and prosperous for the State of Florida.

The Central Florida Chapter has made major changes in our by-laws during the past year to come in line with the state association. They are working out well.

As host chapter of the "Fourth Annual Crowfoot Open" we would like to thank all who participated and all our sponsors. Without our sponsors this tournament would not happen. Please support these people as much as possible.

We would like to congratulate The West Coast Golf Course Superintendents Chapter for the fine distinction of being the "Fourth Annual Crowfoot Open" Team champions and the North Florida Golf Course Superintendents Chapter for being the Team Low Gross champions. Fred Klauk is to be congratulated for being the Individual Low Gross champion with a fine 71 on Suntree Country Club's championship golf course. Our Crowfoot committee chairmen, Jim Ellison (The Bayhill Club) and David Miller (Estech Corp.), did a fine job in running the tournament. Tim Hiers, superintendent at Suntree C.C., is to be congratulated on a golf course in excellent shape for the tournament.

Tim recently had the second stop of the PGA Seniors Tour, a new tournament, and again the course was in fine shape.

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Tips on Tank-Mixing Pesticides

Tank mixing of pesticides is being done more and more by lawn care people and golf course superintendents to control weeds, insects and diseases. And they save labor in many uses by adding pesticides to fluid fertilizer instead of water as a carrier. Careful tank mixing is important to avoid problems. It works well as many farmers and fruit and vegetable growers have experienced for years.

1. Read the labels carefully for all products you will mix. Follow directions.
2. Do a small scale "jar" test for compatibility as follows.

Place one pint of carrier-water or fluid fertilizer in a quart jar. Add each pesticide or a pre-mix of pesticide in water, one at a time, and shake well with each addition. Use each product in the same proportion to carrier as it will be in the actual tank mix.

Unless labels indicate otherwise, add pesticides in this order: wettable powders first, followed by flowables, water solubles, surfactants and emulsifiable concentrates.

Invert the jar 10 times, then inspect the mixture immediately and after standing quietly for 30 minutes. If a uniform mix cannot be made or if nondispersible oil, sludge or clumps of solids form, the mixture is incompatible and should not be used. Minor separation after 30 minutes, without sludge or clumps and which remixes readily with 10 jar inversions, is tolerable if field spray tank agitation is good and keeps the combination mixed.

3. When you tank-mix in volume, put 2/3 of the carrier in the tank first. Then add pesticides one by one, with wettable powders first. Agitate for thorough mixing after each addition, before pouring in the next. Finish filling the tank with carrier.
4. Keep agitation going at all times on the way to the field, during application and during stops for any reason. Empty the tank preferably on the day of mixing. Do not allow mixture to stand overnight without agitation. Check labels for temperature and humidity data as they affect mixing or delay in use.
5. With any new combination, test your tank mixture on small areas, at varying rates and conditions of use before large scale use. Check you State College or extension agent for test data and on variations in local water supply that may affect performance.
6. Use exact dosage rates for registered tank mixes. Changes may cause crop injury or poor performance on weeds or pests.

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 your 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 — Sectary-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.