

in the front or sides of greens tends to promote excess water retention inside the barrier at 1 to 2 inch depths. Our research has shown the high water retention created by the containment barrier provides an ideal environment for algae and anaerobic soils (black layer) and significantly increases the risk for turf loss.

Possible solutions:

1. Remove approximately 6 to 8 inches of the containment barrier to a depth of 6 inches.
2. Remove the entire barrier in the front or side of the greens where runoff is evident.
3. Install a smile drain inside the green's cavity, cut a hole in the barrier and extend the pipe well outside the cavity.

*Matt Pulis, MS, International Sports Turf Research Conference Agronomist
Nat Hubbard, Field Representative*

Gentlemen, thank you for sharing your observations and remedies.

Birdies, Bogeys and a Couple of Pars

In GCSAA seminars, like "Managing Your Employees for Peak Performance" and "Team Building," we have learned the importance and necessity for recognition and reward for good performance and guidance

GREEN SIDE UP



Joel Jackson, CGCS

and feedback for poor performance. So in that spirit, I give you my 2002 Birdie and Bogey awards to recognize the over and under achievers of the year. If the score

fits, write it down, figure your handicap and practice to do better next time.

Par:

EPA Administrator Christine Todd Whitman scores a par. She gets a

birdie for actually playing golf, but also a bogey for challenging golf to do better in non-point source pollution. Read the 20 years of research, Ms. Whitman, and quit listening to your staff who thinks EPA means Eliminate Pesticides ASAP.

Birdies to those staff members at FDOACS, FDEP, the water management districts and yes, even U.S. EPA, who are willing to listen and work with real-world data.

Bogeys to those at the same agencies who use assumptions, computer models and politics to make important decisions.

Birdies to the chemical and fertilizer manufacturers who diligently work on making safer more efficient products.

Bogeys to companies who make and market snake oil.

Birdies to superintendent associations and developers who work with government agencies for fair and reasonable rules and regulations on golf's behalf.

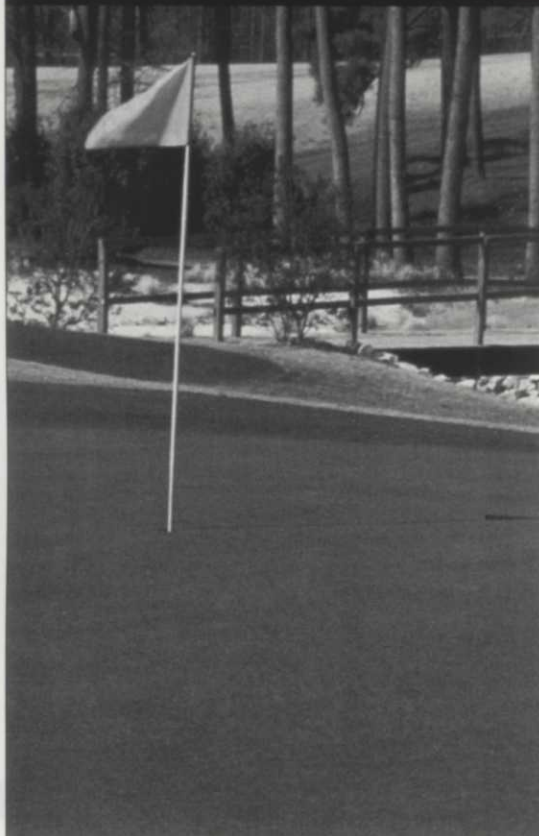
Bogeys to golf course owners and developers who take but never give. See below.

Birdies to the 270 courses who responded to the UF/IFAS survey on the Economic Impact of Florida's Golf Industry. Thanks to you we have quality data for making a case for funds and reasonable regulations.

Triple Bogey to the 1,000-plus golf courses who failed inexcusably to make a simple but profound impact and contribution to the industry that supports their very existence. Hang your heads in shame.

Birdies: To all the vendors and suppliers around the state who continue to support our associations. We love you man!

Bogeys: To the Florida Legislature for cutting the IFAS budget. Even North Carolina, with a turf-grass industry economic impact one-quarter of Florida's, budgets \$650,000 annually for turf research and education to NC State. Note to IFAS lobby-



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Birdies to the owners, general managers, club managers, golf professionals, club presidents, green chairmen and club members who get it that Mother Nature rules. They respect and work with their superintendents to create healthy turf and good playing conditions.

ists in Tallahassee. The number in Florida is \$4.4 billion in golf revenue

Birdies to the Golf and the Environment organizers for bringing activist groups and golf to the table.

Bogeys to the high-powered, most influential golf associations for not showing up. Can you say PGA?

Arnie scores a par. He gets a birdie for admitting at the Golf and Environment summit that his dad relied on arsenate of lead in the old days. Yes, we have come a long way baby! But he gets a bogey for saying the word arsenic near an activist group. Say goodbye to MSMA.

Birdies: To the 59 certified ACSP golf courses in Florida.

Pars: To the 234 uncertified ACSP member courses.

Bogeys: To the 1,000-plus courses that are not members.

Double Bogeys: To those who don't even know what ACSP stands for?

Birdie: To Geoff Coggan for visiting 11 of the 12 chapters during his term as FGCSA president.

Birdies: To Alan Puckett and Bobby Ellis for beginning to take the FTGA message on the road.

Bogeys: To chapter education dharma who can't find a speaker for the monthly meeting. See hints above. The number at IFAS is 352-392-1831 and GCSAA is 800-472-7878. They're free too!

Birdies to the 10-12 clubs in each chapter that host meetings, some every year.

Bogeys to the hundreds of clubs in each chapter that don't volunteer to host a meeting - ever!

Birdies to those who serve as officers, directors, committee members, and chapter administrators.

Bogeys to those who never volunteer for anything. Keep those checks coming anyhow! We need your money for turf research, continuing education, benevolent funds, and government relations.

Birdie to the *Orlando Sentinel* for their series on water issues in Florida. It was pretty balanced for a change.

Bogeys to those papers like the *Tampa Tribune*, *Sarasota Herald Tribune* and *Palm Beach Post*, who don't print all the facts, don't research the facts or don't know the difference between fact and fiction.

Birdies to Hootie Johnson and the members at Augusta. This is America. It's their club. It's private. Besides over 1,000 golf rounds were played by women at Augusta last year. There are many men-only clubs that don't allow women on the course. But they don't have the media attention that Augusta does. God loves a misguided activist.

Bogeys to Martha Burk and the National Council of Women's Organizations. Good cause. Wrong target. Wrong methods. Just plain wrong.

Birdies to the owners, general managers, club managers, golf professionals, club presidents, green chairmen and club members who get it that Mother Nature rules. They respect and work with their superintendents to create healthy turf and good playing conditions.

Bogeys to the egomaniacs and arrogant dictators in those same positions who can't see past today's stimpeter readings. They create revolving doors and merry-go-rounds and they give their courses bad reputations. The world knows who you are.

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