## AFTERWORDS



The turfgrass industry has been under attack from environmental activists for over a decade. But it has only been in the past few years that the attack has been most direct.

Activists may be wellintentioned, but they are misinformed about the benefits of healthy, wellmanaged turf. Their attacks are mostly emotional and lack scientific validity.

The Tampa Bay Estuary Program (TBEP) has offered "science" that activists have promoted. But TBEP science relies on questionable statistical modeling that lacks independent peer review. TBEP and activists advocate a four-month summer ban of all residential fertilizer applications, which scientific studies have shown will be counterproductive.

In 2008, activist groups sued the EPA, saying that it had not done enough to protect the state's waterways, citing algae blooms as a result. The EPA settled the lawsuit by signing a consent decree to set legal limits for nutrients (primarily phosphorous and nitrogen) in Florida waterways. The EPA held a series of public hearings and will soon announce the limits, called Numeric Nutrient Criteria.

The prospect of one-sizefits-all NNC across the State has generated widespread opposition from numerous stakeholders, but the limits will come. Significantly, the onus will be on local municipalities to comply, which has left many of them looking for answers.

Last year, the state legislature tried to bring clarity to water issues through the passage of Senate Bill 494. The bill includes a model fertilizer ordinance that specifies amount, timing and certifications required for fertilizer applications. The ordinance also requires scientific documentation and approval by FDEP, IFAS and FDACS for adoption of local ordinances that are more stringent than the State model.

Until recently the turfgrass industry believed peer-reviewed science, BMP's and SB494 would suffice. Unfortunately this has not been the case.

Activists have campaigned for adoption of the TBEP proposal. And the Tampa Bay Policy Board (which is composed of environmental protection officials from Pinellas, Hillsborough, Manatee, Pasco and Polk Counties, plus the municipalities within these counties) has pledged support for the fourmonth ban.

It appears that the bans are going forward despite the fact that peer-reviewed science indicates the bans will do more harm to the environment than good. The bans are going forward despite the concerns of FDACS, FDEP and IFAS. The bans are going forward based on emotion, political expediency and the threat that activists will campaign against any opposition.

So, what will happen when these bans don't work? What next? What new municipalities (activists are working all over the state); what additional inputs (pesticides? water? sod varietals?); and what new industry sectors will be next? Golf is exempt from the new ordinances "for now." Activist objectives are clear, "Turf is a dinosaur that needs to be encouraged into extinction," said one of the group's leaders.

Beyond aesthetics, healthy turf is nature's best filter. Weakened turf is more prone to disease, weeds and other pests. Studies show that poor turf quality can result in lower real estate values. It can also adversely impact surface play, which in turn can decrease a club's income from lower green fees, and less spent on merchandise and food and beverage.

The industry must act now. It must show solidarity and support residential fertilizer applications, which is our first line of defense. As the umbrella association representing all industry sectors, the FTGA needs the support of all industry participants, not just a few. The FTGA needs money to carry on the fight, and it needs size to enhance our standing in Tallahassee.

The industry must change the dialogue and the debate. We all want safe, quality water. So we need to show our concern through ongoing environmental stewardship; embracing sound, peer-reviewed science. Our opponents are emotionally-charged activists who seek change they cannot substantiate. We should counter with our emotion over lost jobs and revenues that they have caused and we can substantiate, but we also must keep clean water as our primary objective.

Finally, the industry must build a war chest to fund research and education. The FTGA has proposed to create "environmental assessments" for those industry sectors that are under attack. In this way fertilizer, pesticides, irrigation equipment, enhanced turf variertals and other industry inputs can fund a unified response to activist actions.

Under the proposal each industry input would be asked to pay a small environmental assessment... less than one-half of one percent of product sales. Half of the assessment would be retained in the corresponding industry sector, and the other half would go to a larger industry-wide fund that is collaboratively managed.

As adherents to the scientific method, we in the industry need more research. Research is our ally. Education is our tool. We need to be sure that we are educating industry participants so we can continually improve our craft. We need education to reach out to policy makers. And we need to educate the general population that healthy, wellmanaged turf provides many environmental benefits.

## Timeless Words of Wisdom



GREEN SIDE UP By Joel Jackson

The transition of The South Florida Green into The Florida Green marks the beginning of a new era for golf course superintendents in the state of Florida. As professionals in the golf course industry, our objectives and activities must be coordinated on a statewide basis in order to properly keep pace with today's technology and varied crises. We should continually seek to improve our professional image not only with upper management but with the general public. This can be demonstrated through work we do by continuing to upgrade our professional capabilities and through skilled communication such as this magazine. Only by making people aware of the skills, management, technology and immense responsibility required to operate a golf course facility, can the golf course superintendent

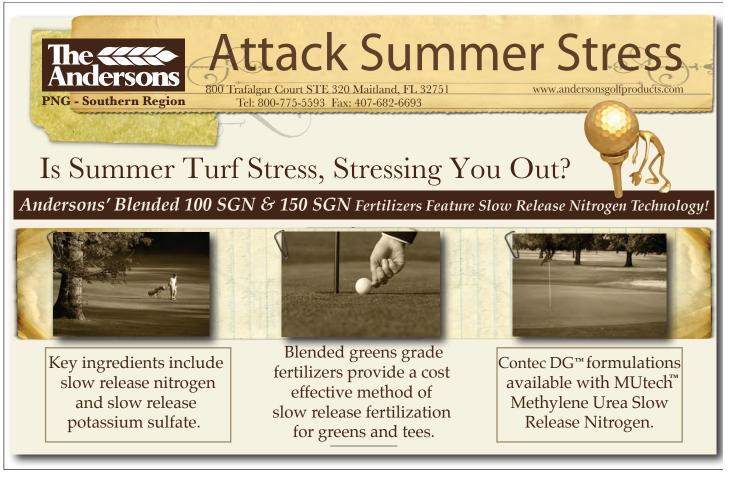
receive the recognition for his accomplishments.

This magazine is a valuable communication tool which if used properly will create a multitude of benefits. It's up to the individuals to promote themselves. The golf course superintendent is a great salesperson at budget time, why not promote him or herself with these same skills?

The re-organization of the Florida Golf Course Supt. Assoc. occured nearly two years ago. From the beginning, the officers of your local chapters have devoted many hours to carefully nuture and construct a solid foundation for our state association. Seven organized and unified chapters working toward a common goal and speaking with one voice can be more As a state association, our number-one priority is to focus on Florida issues and meet the demands of our members and their chapters.

productive than a fragmented organization. This does not mean a loss of identity, functions or uniqueness for your local chapter. In fact, the accomplishments of each chapter will be magnified because of increased communication across the state.

As a state association our number-one priority is to focus on Florida issues and meet the demands of



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our members and their chapters (an example would be registering a complaint on the ban of DBCP in Florida). The number-two objective is to gain support and membership for the GCSAA. This is our national organization that needs our backing and input. The benefits will be many and the recognition that comes from unification of our efforts will be readily available to us.

But, there are many other benefits. Just recently, one of our fellow golf course superintendents Dan Meyers (CGCS) of the West Coast chapter had his story concerning golf course employees featured in the National Magazine, Golf Course Management. The article was pertinent to our

problems, beneficial and educational.

The golf course

superintendents in the state of Florida have been thrust into an enviable position. Because of geographical location, climate, tourist attractions, and expansion, Florida has the fastest-growing golf industry in the country. We should take advantage of these opportunities and assume a leadership role in the nation's turf industry.

Possibly, even with all our collaboration and hard work, government agencies will continue to tie our hands and people will still refer to us as "Greenskeepers." It's unfortunate that the work of qualified professionals can be affected or altered by the misuse of others less qualified

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and thousands of miles away. Let's join together and try the positive approach. Support your local chapter, the state association and the GCSAA. Hopefully, we can continue to endeavor in the field we love for ourselves and the game of golf.

**NOTE:** That was the Tim Hiers President's Message

in the first Florida Green 30 years ago. The more things *change, the more they stay the same. The future of our* profession and industry is in our own hands. We can found associations and magazines, but it takes people to make them prosper and be effective. *It's up to each and every one* of you to play a part in our success.

