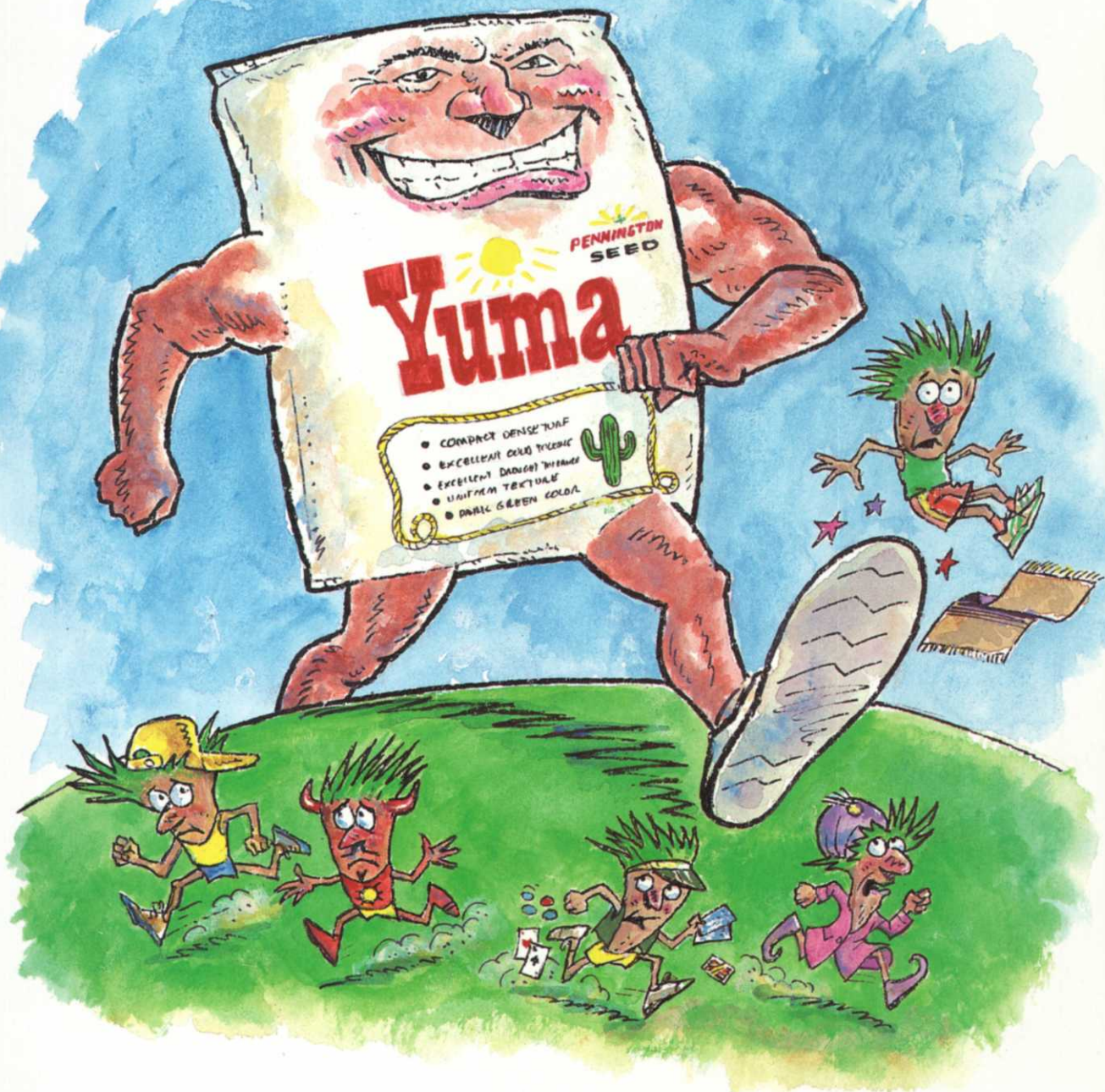


Introducing New Yuma Improved Turf Type Bermuda From Pennington Seed  
**We're Gonna Kick Some Grass!**



Pennington Seed is proud to introduce the new kid in town... and he's a tough one. Our new Yuma improved turf type bermuda is drought tolerant, low growing, has excellent turf density and a rich green color. Yuma also features quick germination and rapid recovery from mechanical injury. In fact, once established, it requires less water than many other bermudas. It's perfect for golf course tees, fairways and roughs, as well as athletic fields and other turf areas. Write or call us today for more information on Yuma - it's one tough son of a gun.



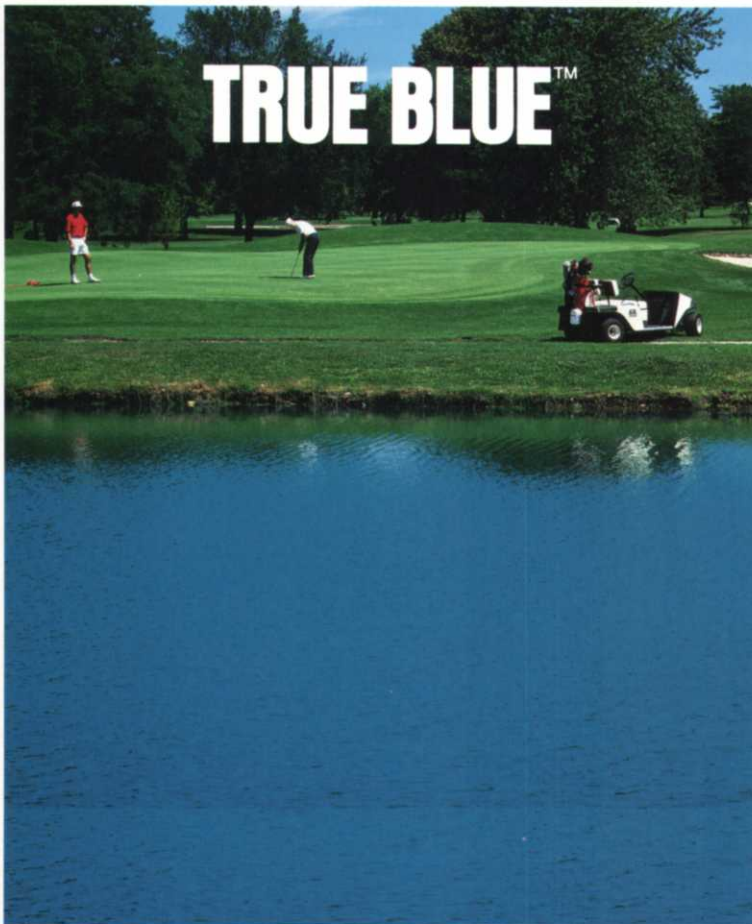
Call 1-800-285-SEED

for a Pennington Seed Specialty Turfgrass Distributor near you





Par three 4th hole borders Pine Island Sound.



## The better, more natural looking lake and pond dye

Why settle for artificial looking dye when TRUE BLUE™ will give your lake or pond a natural, living color appearance. The secret's in our tried and true blue formula that makes the other brand look unnatural by comparison.

Try it and see for yourself why TRUE BLUE is fast becoming the preferred lake and pond dye. The one that's a natural. For more information and a technical bulletin, call or write today.



No Blue



TRUE BLUE



**PRECISION LABORATORIES, INC.**

Distributed by:

Gold Kist, Inc.  
P.O. BOX 2210  
Atlanta, GA 30301  
800-241-4966

Harrell's, Inc.  
P.O. Box 607  
Lakeland, FL 33802  
800-282-8007

TRUEBLUE is a trademark of Precision Laboratories, Inc.



# YEARS OF UNIVERSITY TESTS SHOW CYPRESS POA TRIVIALIS AS THE SUPERIOR CHOICE FOR OVERSEEDING!

Since 1991, Cypress Poa trivialis has had a proven record in university trials for being better and different than comparable varieties. Differences such as a darker genetic color, faster establishing rate, and better disease resistance.

Instead of taking our word for it, here is what the experts have to say...



Cypress' prostrate growth habit is apparent in these P.V.P. trials. One picture is worth 1000 words.

TMI will be happy to send to you copies of the complete trial data for any of the trials we have mentioned below.

University of Florida 1991-92 Overseeding Trials Gainesville, Fla.		
	Mean Quality	
	Scores	Color
Cypress	7.2	7.8
Sabre	7.2	5.4

University of Arizona 1992-93 Overseeding Trials		
	Mean Quality	
	Scores	Color
Cypress	5.4	5.3
Laser	5.0	5.0

USGA Stimpmeter tests at University of Arizona revealed a higher average ball speed of 92 inches for Cypress; better than for Laser.

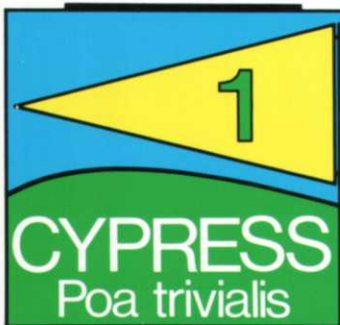
*"Although Cypress and Sabre Rough Bluegrass had equal seasonal Turf Quality Ratings of 7.2, the 'Cypress' cultivar had better color and less dollarspot disease in May."*  
Univ. of Florida Gainesville 1991-1992 overseed Trial.

Turfgrass	Monthly and seasonal mean values for turf quality on cool-season grasses overseeded on a 'Tifdwarf' bermudagrass putting green from Dec. 1993 to Mar. 1994 at Gainesville, Fl.				Mean
	Dec.	Jan.	Quality Feb. Rating	Mar.	
Cypress	6.8	8.2	8.0	6.8	7.25a
Colt	7.1	8.2	7.8	8.5	7.19a
PT-GH-92	6.3	7.8	8.0	7.1	7.19a
LPT-CT (Loft)	6.6	7.8	8.0	6.8	7.16a
PT-GH-89 C11 (Dark Horse)	8.1	7.3	7.8	7.0	6.97a
Danish Common	7.5	8.2	7.5	5.8	6.94a
LPT-HWY (Loft)	6.6	7.7	7.9	8.2	6.88a
Winterplay	6.6	7.5	7.8	6.3	6.88a

Quality mean based on eight visual ratings on a scale of 1-9 where 9 = best

Establishment rate of Poa trivialis varieties overseeded on dormant bermudagrass in Florida (data from Dr. A.E. Dudeck, Univ. of Florida)			
days:	7	14	21
	—% ground cover—		
<b>1991</b>			
Cypress	2	23	79
Sabre	2	17	70
<b>1992</b>			
Cypress	87	93	86
Laser	36	58	83

## CERTIFIED



FOR YOUR NEAREST DISTRIBUTOR CONTACT:

**TMA TURF MERCHANTS**

33390 TANGENT LOOP • TANGENT, OR 97389  
PHONE: (503) 926-8649  
OUTSIDE OREGON: 800-421-1735

### FAST-PUTTING, LOW-MOWING, GOOD LOOKING CERTIFIED CYPRESS!

Sever, the superintendent, and his staff have a unique opportunity to demonstrate that properly-executed turf management techniques can be quite harmonious with nature. It will be an exciting and interesting project to watch in the years to come.

During the construction process, generating good usable fill was difficult as most of the clearing work had to be done by dragline. Much of the needed fill had to be trucked in from the mainland which was an expensive proposition. Fortunately the character of the golf course did not require high mounds, but rather subtle mounding, which Arthur Hills masterfully blended to the low lying island features.

Consequently, the course does not look artificial or imposed on the landscape. It flows gracefully through the habitat framed and accented by the more than 10,000 trees that were moved and replanted along its route. Those trees were tagged by Sanibel's Vegetation Inspector, Steve Mullins. It is Steve's responsibility to see that any developed property follows the landscaping and native plant guidelines required by the City of Sanibel.

Of paramount importance during this phase was minimal impact on the existing wildlife. A state-licensed handler was hired to relocate any of the over 200 gopher tortoises on site that might wander into harm's way. They were placed into three specially protected areas to keep them safe. Over three miles of plastic barrier fencing was erected to separate wildlife areas from construction activities.

One of these areas was known as the Eagle buffer area and was the site of an active bald eagle nest. It was off limits to any development within 750 feet during nesting season October 1 to May 15. Natural screens of tall Australian pines were left intact to prevent even visual contact. No foot or motorized traffic could approach the nest at anytime. A 60-foot perch pole was erected near the nest for their future use while the eagles were gone during the summer. Unfortunately, the nest was destroyed by Hurricane Andrew and the eagles relocated to an adjacent area on Sanibel. They are still seen on the golf course and frequently use the perch pole.

I saw no eagles during my interview ride with Tim, but I did see an abundance of wading birds and two very large gators taking the morning sun. On this day in February, the course and the native vegetation were reacting to a rare frost earlier in the week. The sun ricocheted off the shiny sleek bark of the tropical gumbo limbo trees as their thinned out canopies provided little shade. The prolific sea grapes had slimmed down for winter as

well. But the turf was green and the pattern of carefully crafted stripes stood out like vivid light and dark shadows in the fairways.

The greens were tight and closely cropped and to the trained eye there was evidence of a recent light top dressing. The bunkers were all neatly raked in swirling patterns and tiny white shell fragments in the sand tied the brand new course instantly to the legacy of the island.

As we rode the course, Tim detailed some of the challenges facing his department:

"Our irrigation water, as you might expect, has a high salt content ranging from 1200 to 2900 parts per million. I always thought 2000 ppm was considered lethal for fine turf."

I asked why he wasn't using effluent from the waste water plant that had to be built. "We will eventually, and I can't wait till that happens, he said, "but right now, there isn't enough demand from Sanibel or Captiva to even warrant starting up the plant."

"Our soil also has a high pH, around 8.0, from the calcareous sand profile. We apply sulfur seasonally and we also buffer our irrigation water to prevent further aggravation of the problem. We go through a tank of buffering solution each month.

"We don't get that much annual rainfall, maybe averaging only about 30 inches per year. We can get the showers from the south and west, but most all the easterly afternoon thundershowers rain out or split before they reach us.

"It has something to do with the physical orientation of the island and the surrounding water. Even the south-

ern part of the island gets more rain than we do here on the northern end.

"When we do get rain we have to retain the runoff from the development and golf course on the course itself. It isn't that evident just looking at the course, but the margins of the course actually have a five and a half foot berm designed into the roughs.

"Retention lakes and spreader swales and drains all hold the water until it percolates or evaporates. If we get inundated and the lakes fill up, we can have some soft wet areas around the mouths of some of the drains for a day or two."

"Another challenge comes from residing and operating in a U. S. Fish & Wildlife Preserve." I work very closely with the Director of the Preserve, Lou Hinds. I have to submit a list of chemical products I would like to use to the Fish & Wildlife

*'I have to submit a list of chemical products I would like to use to the Fish & Wildlife regional office in Atlanta. They study the list and delete any product they don't want us to use.'*



# Control Summer Stress Complex<sup>\*</sup>

\*Occurs when stresses such as Rhizoctonia and Pythium species combine with heat, traffic and other factors. This results in reduced turfgrass vigor.



**RHONE-POULENC AG COMPANY**  
P.O. Box 12014, 2 T. W. Alexander Drive  
Research Triangle Park, NC 27709  
1-800-334-9745



*At hole 16, gentle mounds and swales aid drainage and add interest.*



*The 10th green uses a bit of the native wilderness to guard itself.*

regional office in Atlanta. They study the list and delete any product they don't want us to use. So far, we have not had any problems that we couldn't treat successfully with the available chemicals.

"We obviously hope that the biological controls being introduced will prove to be very effective. That would be a plus for everyone!"

As we continued our ride, I spied some folks working in the adjacent woods.

Tim explained, "We also use the services of an outside contractor for another unique requirement of the development permit. We have to go through annually and scout for and remove any exotic vegetation even if it was here before the development began."

I couldn't help but notice how immaculate the course was as we toured. It reflected the conscientious nature of Tim's management style, and the integrity of the ownership and the staff of The Sanctuary.

Superintendents are always interested



in the work routines and staffing levels of other operations. I'm no different.

At The Sanctuary, the crew works Monday through Friday. They can't get started until 7:30 a.m. because of a noise ordinance. Consequently, the first tee times aren't until 8 a.m. The crew works ten hours on Mondays and leaves early on Fridays. Half the crew works each weekend, alternating weekends. The crew is paid overtime for the weekend work.

"We pay a pretty good wage, Tim said, "and you have to remember most of these folks have to come a long way to get out here to the island. We provide uniforms, lunches, toll money, and a good insurance package. In my experience, this has to be one of the best groups of people I've ever had assembled on a crew."

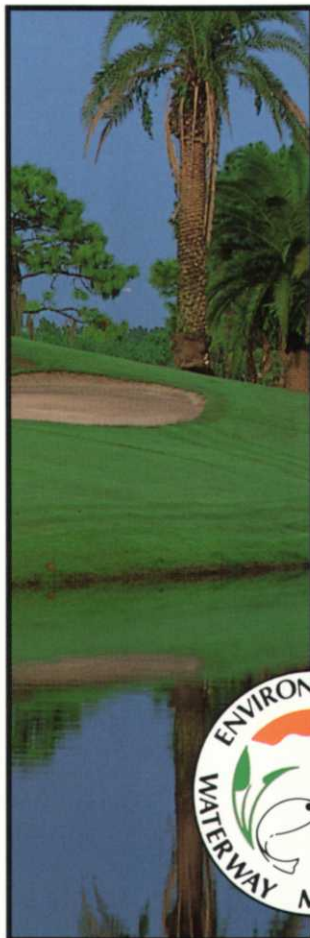
Tim was also quick to credit his assistant, Kyle Sweet, with helping to make the job run smoother and the management programs successful.

"Kyle is an outstanding person. He's ready if the right opportunity comes along." And in return, Kyle is impressed by Tim's consistency. He said, "Tim follows through on all the cultural programs. This is one of the few places I've seen where we have been able to become so successful in the needed cultural practices. Tim requires it. I wanted to experience a unique, high-quality operation and this is a great place to be."

This team work and commitment extends to the ownership as well. Tim said, "We have had very few complaints from the owners or members. Our membership is somewhat unique. At a lot of clubs the members winter down in Florida all season. Play is steady but it seems as though they come in for a month or so and then leave. The owners are extremely conscientious. They ask lots of questions if they see something they don't understand. They listen. If a problem exists, it's solved. I appreciate the fact that they are committed to doing things right!"

Doing things right! A common thread connecting Tim Sever, The Sanctuary, and Sanibel Island.

**Editors Note:** For further details on The Sanctuary's maintenance facility, check out Tim Sever's IPM article in the Heads Up section of this issue.



## Environmental Waterway Management... "Preserving Your Liquid Assets"

Golf Courses have Lakes, Ponds, Canals and Water Everywhere! Many of these water bodies are used for irrigation, fishing swimming, drainage or simply as hazards to the navigating Golfer on your course. If you allow Algae, Grasses and other noxious weeds to grow unchecked, they will rapidly take over your precious waterways. Don't allow your waterway problems to get you in over your head. Just call the experts at Environmental Waterway Management.



For a FREE site analysis, contact  
**Environmental Waterway Management**

North Florida Branch Office  
Jacksonville

West Central Branch Office  
Tampa

Southwest Branch Office  
Sarasota

Sub-Branch Office  
Fort Myers

Central Florida Branch Office  
Orlando

Sub-Branch Office  
Vero Beach

Sub-Branch Office  
Palm Beach

Corporate Headquarters  
East Coast Branch Office  
Fort Lauderdale

**1-800-832-LAKE**  
©1991 Environmental Waterway Management



## NEW PUTTING GREENS! PLAYABLE IN THREE WEEKS!

### HAVERLAND BLACKROCK CORP.

The innovators in Golf Course Construction can rebuild and recontour your greens and have them back in play immediately!

THE **BIG ROLL**  
**SOD** PEOPLE

**LASER GRADING**

#### INSTALLATION:

Tees, Greens, Fairways, and Athletic Facilities

- **USGA PUTTING GREEN RENOVATION** ■



9819 STATE ROAD 7 ■ BOYNTON BEACH, FL 33437  
(407) 369-7994 ■ FAX (407) 364-1118



# ELIMINATE HOT SPOTS



BEFORE

AFTER

envirogenesis™

# TurfBloom

**TurfBloom** creates a membrane barrier at the soil surface that inhibits water evaporation.

**TurfBloom** is ideal for areas with limited water supply or poor irrigation coverage.

**TurfBloom** is not a polymer and has no negative impact on soil.

**Reduce Water Usage with  
One Annual Treatment!**

envirogenesis™  
solutions for a cleaner environment

Call Envirogenesis to place your order today:

**1-800-814-1324**

Envirogenesis, Inc. • 5712-K General Washington Drive • Alexandria, VA 22312  
703-941-3900 • FAX 703-941-1508



## Tim Sever

### Golf Course Superintendent The Sanctuary GC

**Originally from:** Clearwater, Florida.

**Family:** Wife, Nedra. Children: Justin (3).

**Education:** Graduated high school in Dunedin, Florida. Has attended the GCSAA Conference & Show and FTGA Turfgrass conference annually since 1988.

**Employment:** Sanctuary G.C. since 1992; Sugarmill Woods, Southern Woods and World Woods, Director of Maintenance, 1988-1992; Bardmoor C.C./Bayou Club, Assist. Supt., 1983-88 (J.C. Penney Classic); Firestone C.C., Akron, Ohio; Countryside C.C., Foreman, 1977-1982.

**Hobbies/Interests:** Camping, fishing, golf, home projects, home life.

**Professional affiliations:** FGCSA, GCSAA, FTGA.

**Memorable moments:** Being involved in the planning and construction of 66 holes of golf (Southern Woods, 18 holes, and World Woods, 48 holes) while maintaining a 27-hole complex at Sugarmill Woods.

**Advice:** Learn as much as you can continually. This business is changing almost daily. Concentrate on interpersonal skills. You are only as good as your staff. Treat people the way you'd like to be treated. Explain what and why you do things. Knowledge makes a better employee. Hire a good assistant. It can make you a better superintendent.

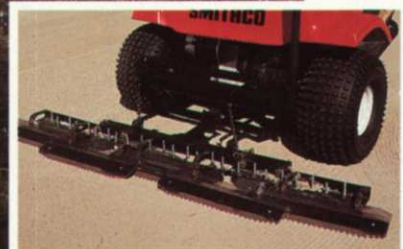
**Mentors:** My dad, *Robert I. Sever Jr.*, Always preached that if a job was worth doing then do it right! *John Luper*. His management style in handling people with different personalities. He had confidence in me and let me experiment with various jobs and projects. Promoted me to my first Assistant Superintendent position at Bardmoor.



# SO QUIET, YOU CAN HEAR A PUTT DROP

## World's first electric bunker rake Exclusive ultra-quiet finishing rake

### *Sand Star E*



NEW SILENT SAND FINISH RAKE



SMOOTH, FIRM FINISH... NOT SOFT

#### SOLD AND SERVICED BY:

##### KILPATRICK TURF EQUIPMENT

901 Northwest 31st Avenue ■ Ft. Lauderdale, FL 33311  
Telephone: 305-792-6005 ■ Fax: 305-584-5831

##### TIECO/GULF COAST

540 W. Michigan Avenue ■ Pensacola, FL 32505  
Telephone: 904-434-5475 ■ Fax: 904-434-2786

##### TRESCA INDUSTRIES

4827 Phillips Highway ■ Jacksonville, FL 32247  
Telephone: 904-448-8070 ■ Fax: 904-448-2725  
3930 N. Orange Blossom Trail ■ Orlando, FL 32804  
Telephone: 407-291-1717 ■ Fax: 407-297-6166  
6025 Highway #301 ■ Tampa, FL 33610  
Telephone: 813-621-3077 ■ Fax: 813-620-0303

ALWAYS OUT FRONT

# SMITHCO

WAYNE, PENNSYLVANIA 19087





*Native grass planting guards 5th hole.*

## On Course, In Harmony With Nature.

Nothing adds more to your world than a healthy lake. A lake, like a golf course, needs management care. Keep your lake "on course" with AmerAquatic. Our unique "spot treatment" method minimizes herbicide use and keeps the water environment in harmony with nature. For algae and weed control, fish stocking, aeration, lakescaping, mitigation, lake design and more, call AmerAquatic. *Your lake's best friend.*

FLORIDA • GEORGIA • CAROLINAS 800-432-1349

**AmerAquatic**™ *Your lake's best friend.*SM