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tried copper sulfate and the white amur fish, sometimes called the grass carp. Although these chemicals and biological treatments worked well on other aquatic weeds in the lake, they barely affected the algae. Then Jones saw an ad for an algae- and odor-control aeration system and contacted an irrigation supply in Boynton Beach.

Jones installed two 3-hp units last April and he didn't have to wait long to see the results. They were dramatic. "Our lake went from an eyesore to a beautiful waterway in two short weeks!" he reports. "The water is crystal clear and the algae is 98 percent eliminated. Our irrigation system now operates normally for the first time in 17 years."

Banyan's aerators, installed by Boynton Pump, were manufactured by Aeration Industries of Minneapolis. They are variations of the firm's patented surface-mounted aspirator aerators used in wastewater treatment and aquaculture production.

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89 new courses in Florida's immediate future

As the National Golf Foundation heralded the final decade of the millennium with the battle cry, "A new golf course for every day until the year 2000," Florida was doing its part.

According to the NGF and The Florida Green's own research, a total of 1,602 new golf holes — the equivalent of 89 18-hole golf courses — was either planned or under construction in the Sunshine State as of Dec. 31, 1989.

That's as many new golf courses as there were total in the state of New Hampshire at the end of 1988. (The NGFs survey of facilities for 1989 had not been released as The Florida Green went to press.)

The news, however, is not all good.

While the nation's pressing need is for public golf facilities, 963 of Florida's new holes — 60 percent — will be located on private facilities.

Only 36 holes — 18 under construction in North Merritt Island and 18 planned for Valkaria Airport, also in Brevard County — will be municipal facilities.

The type of access has not been identified for 90 holes.

Karl Litten of Delray Beach is far and away the busiest architect in Florida right now with 54 holes under construction and another 126 in the planning stages.

Second-busiest architect in the state is Steve Smyers of Lakeland, with 54 holes under way and another 45 on the boards. Joe Lee of Boynton Beach is third with 36 and 45.

Tied for fourth are Gary Player (54-18), Gordon Lewis (27-45), and Jack Nicklaus (36-36).

Arthur Hills of Toledo, Ohio, has the most Florida holes under construction with 63, but he had no other contracts pending construction as of Dec. 31.

The architects for 81 holes under construction and 225 in the planning stages had not been announced at press time.

West Palm Beach has the most holes under construction with 72, followed...
You're on a mission that could decide the fate of your golf course. A mission against your toughest weeds: goosegrass, crabgrass, sandbur and many other broadleaf weeds. That's why you need a pre-emergence herbicide as powerful as Surflan. It puts an end to weeds before they start. It's a challenge a lot of other herbicides run away from. But not Surflan. It stays put and waits. Three weeks if need be, without water. Then it won't wash out, even in heavy rainfall. And once activated, it forms a solid control zone that lasts up to 20 weeks.

So be in control this year. Take Surflan to the far reaches of your golf course and end the threat of problem weeds. See your Elanco distributor. Or call toll-free: 1-800-352-6776.

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by Lakeland with 63.

Only two facilities now under construction have more than 18 holes, both in Sarasota: Laurel Oaks, a 36-hole private club by Gary Player and Oak Ford, a 27-hole daily-fee facility by Ron Garl.

Largest facility under consideration is a 54-hole daily-fee project in Bradenton called Cypress Banks. The architect has not been announced.

A total of 16 planned projects came to The Florida Green's attention in the final quarter of the year. They are depicted on the map accompanying this story.

<table>
<thead>
<tr>
<th>City</th>
<th>Course</th>
<th>Holes</th>
<th>Architect</th>
<th>Type</th>
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<tr>
<td>Odessa</td>
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<td>Ron Garl</td>
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<td>Ormond Beach</td>
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<td>N/A</td>
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<td>Port Charlotte</td>
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<td>Port St. Lucie</td>
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<td>N/A</td>
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<td>Florida Palm Aire</td>
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<td>Player/Litton</td>
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<td>Ponce deLeon Resort</td>
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<td>St. Augustine</td>
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<td>Stuart</td>
<td>Glen Eden</td>
<td>36</td>
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<td>Steve Smyers</td>
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<td>Westchase GC</td>
<td>18</td>
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<td>Jack Nicklaus II</td>
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<td>West Palm Beach</td>
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<td>Windermere</td>
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Toro honors superintendents with garden in Hall of Fame

Shrine Gardens, the area of the PGA/World Golf Hall of Fame recognizing the service and contributions of golf course superintendents, were formally dedicated Nov. 2 in ceremonies at the facility in Pinehurst, N.C.

The Toro Co. of Bloomington, Minn., is founding sponsor of the four-acre, $160,000 project begun in April, 1988, to replace a moat that had encircled the shrine area.

"Golf course superintendents are key members of the golfing industry," said Mike Hoffman, Toro’s director of marketing for commercial products. "They have made and continue to make major contributions to the game. We hope they will receive the recognition in this special hall of fame that they have earned through hard work, expertise and dedication to the game."

The garden features two two large topiaries—a putterboy and a golf ball—plus the flowered logotypes of the GCSAA and PGA of America. Nearly 500 truckloads of earth were required to complete the project, which will involved thousands of seasonal plantings.

The World Golf Hall of Fame was established in 1974 and, after a nine-year financial struggle for survival, was taken over by the PGA of America, which administers the 17-acre facility and its priceless collection of golf memorabilia.

Two golf course superintendents—Old Tom Morris and Young Tom Morris—and two architects—Donald Ross and Robert Trent Jones—are among the Hall’s 55 enshrinees.

Modern-era inductees are nominated by members of the Golf Writers Association of America. Pre-modern-era inductees are nominated by a special committee appointed by the president of the PGA of America and the GWAA. To be inducted, a nominee must receive 75 percent of the ballots cast by the senior members of the GWAA.
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