



In this Issue

In this issue of the quarterly Environmental Turf, Inc. newsletter you will find:

- Testimonial: Ernie Els Joins List of Top Name Architects to Spec SeaDwarf®
- Research: Herbicides Labeled for Paspalum
- Showcase: UltimateFlora™ Zoysia Selected Again for Lawn of New Southern Home
- International: SeaDwarf® Now Available in Australia
- Awards & Honors
- Course Opening: Superintendent Hosts Celebrity Tournament on New SeaDwarf® Course
- Grower Profile: Ali'i Turf Grows SeaDwarf® in Hawaii

Testimonial

Ernie Els Joins List of Top Name Architects to Spec SeaDwarf®

Top PGA Tour Player Ernie Els has won nearly 60 professional golf tournaments in the past 15 years including two U.S. Open Championships and the British Open.

Now as a golf course architect, Els joins a rapidly growing list of prominent designers and architects who have specified SeaDwarf® for their projects. Among the list are names such as: Greg Norman, Raymond Floyd, Gary Player, Peter Jacobsen, Jim Hardy, Pete Dye, Tom Kite, Michael Hurdzan, Dana Fry, Robert Trent Jones, Jr., and Jerry Pate.

Els is designing Hoakalei Country Club near Honolulu on the Hawaiian island of O'ahu. Construction of the course, which will use SeaDwarf®, is slated to begin this summer.

A article published March 1, 2007, in the Honolulu Advertiser newspaper quoted Els as saying that SeaDwarf® is one of the most sought-after turfgrasses in the golf industry.

"This is a fine-textured, warm-season turfgrass particularly suited for use from tee to green on golf courses and sports fields," Els was quoted as saying. "It has a tighter knit and delivers faster green speeds than other varieties of this type of grass... This is a win-win solution because it can save time and money and contribute to a cleaner environment by putting fewer chemicals into the ecosystem."



Ernie Els at Hoakalei

Industry Insights

"SeaDwarf® is probably one of the most popular of the paspalums on the market. It's been used tee to green and as sports turf all over Florida and the world."

"SeaDwarf® is certainly one of the most dominant varieties on the market today."

"SeaDwarf® is a dwarf type with very short internodes."

"Paspalum is the last warm-season grass to go dormant. Our Bermuda plots will go dormant and the paspalum will still have a nice green color. Even in the plots here this far north, it never went completely dormant. And it's the first to green up in the spring."

"A lot of courses that used to overseed are using paspalum and not overseeding at all."

"Paspalum color retention reduces the need for overseed."

"We found out that it's not just a niche grass. It's got a lot of other turf traits that are attractive. Its color. And the waxy underleaf that allows it to stripe."

Dr. Paul Raymer, Associate Professor, University of Georgia, Griffin

Speaking about Seashore Paspalum at the research plots during the 61st annual Southeast Turfgrass Conference held May 7, 2007, University of Georgia, Tifton



RESEARCH

Herbicides Labeled for Paspalum

As the installation of seashore paspalum golf courses and sports fields increase, so do the number of herbicides developed or labeled for use on this warm-season turfgrass.

Monsanto's Certainty turf herbicide now includes Seashore Paspalum on its supplemental labeling. Certainty is labeled to control Sedge, to suppress Buttonweed, and for removal of Overseeded Perennial Ryegrass. Certainty is not recommended for use on golf course putting greens.

A representative from BASF reports that two of the company's products are now labeled for Seashore Paspalum with several more in the process of the label change.

Drive-75, a postemergent herbicide, is now labeled for Seashore Paspalum, with established turf classified as "moderately tolerant." Drive-75 may be used to control postemergence Crabgrass, Signalgrass and Broadleaf Torpedograss, among others.

Pendulum Aquacap, a preemergent herbicide, is now labeled for Seashore Paspalum to control Crabgrass, Goosegrass and Poa Annua.

At the April 26, 2007, meeting of the Florida Sod Grower's Cooperative in Tavares, Florida, University of Florida's Dr. Barry Brecke discussed another new herbicide for use on paspalum. Brecke said Dismiss from FMC may be used for control of some Broadleaf weeds, on Sedges including Kyllinga, Purple nutsedge and Yellow nutsedge, and on "small Goosegrass."

Brecke said Dismiss, a postemerge herbicide, may be used in sod production as well as on golf course fairways and roughs, in residential, commercial and athletic field uses.

This article is intended for general information purposes only. Always read and follow label directions. Not all products are labeled in all states. Check with your local chemical company representative or your state for more information before use.



SeaDwarf® rough



SeaDwarf® tee box

Industry Insights

The roots of paspalum are "able to utilize water deeper in the soil profile."

"The lower you mow it, the more frequently you mow it, the better it looks."

"We originally thought it could be a niche grass for salty environments but we've found that the grass is being used for many different purposes."

"A bermudagrass course can be tournament ready a low percentage of the time. A paspalum course can be tournament ready 80% of the time."

"Many of the top golf course designers are spec-ing seashore paspalum for their projects, not only because of its salt tolerance but because of its sheer beauty when properly maintained."

Dr. Paul Raymer, Associate Professor, University of Georgia, Griffin

Speaking about Seashore Paspalum at the research plots during the 61st annual Southeast Turfgrass Conference held May 7, 2007, University of Georgia, Tifton



SHOWCASE

UltimateFlora™ Zoysia Selected Again for Lawn of New Southern Home

For the second year in a row, UltimateFlora™ Zoysia was chosen for the lawn at the New Southern Home showcase home project in Orlando.

The house is being built by James M. Krantz Construction Corporation. Krantz's Ashley Van der Mark said one of the main goals in building the home is "to be as environmentally friendly, or 'green' as possible, utilizing the latest advances in water conservation and solar energy, thereby making it energy efficient as well. This will include low-maintenance landscaping."

UltimateFlora™ Zoysia helps to meet that goal as the grass requires significantly less water for irrigation than St. Augustinegrass. UltimateFlora™ Zoysia is considered drought tolerant, shade tolerant and resists the chinch bug insect. UltimateFlora™ Zoysia is available through Environmental Turf and its network of licensed growers.

The New Southern Home program is backed by the Florida Home Builders Association and is vastly considered the premiere show home in the Southeast with its roots dating back to 1988. Set to open in conjunction with the Southeast Building Conference in July, the home, Van der Mark said, is billed as a "showcase home featuring the design, luxury and technology which will set the pace for the lifestyle of the South. The home will feature the latest and most innovative products available in the marketplace."



INTERNATIONAL

SeaDwarf® Now Available in Australia

For more than a week in early February of this year, the first story on the evening news in Brisbane, Australia, was about drought. The lack of rain Down Under had become so dire that local governing boards were struggling to meet everyday water demands.

It wasn't just that were they trying to figure out how to irrigate landscapes that had not seen rain in four months.

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Dr. Don Loch at the research plots at Redlands

Industry Insights

"Aloha® was developed by researchers at the University of Florida and is positioned mostly as a sports turf."

"Seashore Paspalum is the latest, greatest warm-season turf. It's the cat's meow. It just does everything."

"Its real claim to fame, we believe, is it's the most salt tolerant of all warm-season turfgrasses."

Dr. Paul Raymer, Associate Professor, University of Georgia, Griffin

Speaking about Seashore Paspalum at the research plots during the 61st annual Southeast Turfgrass Conference held May 7, 2007, University of Georgia, Tifton

"Zoysiagrass has fairly reasonable salt tolerance."

"As a rule, zoysiagrasses have better shade tolerance than bermudagrass."

"Thatch in zoysiagrass can be mitigated with cultural practices, using less water, less fertilizer."

Clint Waltz, PhD, UGA Turfgrass Extension Specialist

Speaking about zoysiagrass at the educational session during the 61st annual Southeast Turfgrass Conference held May 8, 2007, University of Georgia, Tifton



Industry Insights

It was so bad, that some local authorities were threatening to use retreated effluent water as drinking water.

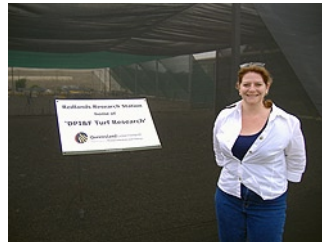
The second story each evening on the television news in Brisbane was about climate change. Conditions had changed so much in some parts of Australia that sod producers who traditionally grew cool-season grasses were suddenly forced to grow warm-season grasses.

It was into these market conditions that SeaDwarf® Seashore Paspalum was released from quarantine in Australia.

Australian sod producers attending the Turfgrass Producers International winter conference, held in the seaside town of Gold Coast, lined up at the Environmental Turf booth for information on SeaDwarf® and its drought tolerance. SeaDwarf® requires less water than bermudagrass, (known as Couch in Australia), can stand up to drought conditions and may be irrigated with lesser quality water.

Environmental Turf is now licensing SeaDwarf® to sod producers in Australia. Planting material is in production with the cooperation of Dr. Don Loch and the Queensland government at the Redlands Research Station near Brisbane.

Through the introduction of SeaDwarf® into Australia, Environmental Turf is pleased to be able to help Australian governing boards, shires, sports facilities and golf courses address their drought and water issues.



ET President Stacie Zinn at Redlands Research Station

“Water use is more important than shade tolerance. For the future, it’s going to be key.”

Dr. Wayne Hanna, UGA turfgrass breeder

Speaking about turf breeding at the research plots during the 61st annual Southeast Turfgrass Conference held May 7, 2007, University of Georgia, Tifton

“Dew will not sit on paspalum, which is one reason why golfers really like it. In the morning, they won’t get their shoes wet.”

Dr. J. Bryan Unruh, University of Florida Speaking at the Florida Sod Growers Cooperative educational session, April 26, 2007 in Tavares, Florida

AWARDS & HONORS

SeaDwarf® Earns More World-Wide Rankings

A recent run of awards and rankings confirm that golf courses and communities grassed with SeaDwarf® Seashore Paspalum continue to be considered among the best in the U.S. and around the world.

• THREE of the TOP FOUR International Developments of the Year are grassed with SeaDwarf® Seashore Paspalum. The rankings were published by Golf Inc. and Golf Development Word magazines. They are:

WINNER: The Links at Las Palomas located in Puerto Penasco, Sonora, Mexico, was designed by Forrest

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Richardson. The 18-hole, par-72, links-style course is grassed entirely with SeaDwarf® Seashore Paspalum. Architect Richardson said of the grass, "It's a great turf and it putts terrific."

RUNNER UP: Coco Beach Golf & Country Club in Rio Grande, Puerto Rico, was designed by Tom Kite and Bruce A. Besse Jr. The 36-hole layout features four nines—the Ocean, Mountain, Palms and Lakes courses—all with SeaDwarf® greens. One of the judges of this year's competition, Allan Irwin, chief operations officer of Empire Golf, cited the golf course's "beautifully integrated design" in his decision to rank Coco Beach as the 2nd place finisher.

FINALIST: Playa Mujeres is located in Puntana SamCancun, Quintana Roo, Mexico, just five miles north of Cancun. Designed by Greg Norman, the 18-hole, ecologically friendly Playa Mujeres offers several holes with spectacular views of the Caribbean Sea. The course is grassed 100% with SeaDwarf® Seashore Paspalum on the tees, collars, greens, fairways and roughs.

• **Travel & Leisure Golf's America's Top 100 Golf Communities:** For the 2nd year in a row, SeaDwarf® facilities made the list. This year's picks are: Old Palm Golf Club, designed by Raymond Floyd in Palm Beach Gardens; Tuscany Reserve, designed by Greg Norman and Pete Dye in Naples; and TwinEagles, also located in Naples, where the community recently opened its Gary Player-designed course, The Aerie at The Club at TwinEagles, which also uses SeaDwarf®.

• **2007 List of Best Residential Golf in the Sunshine State:** As rated by GolfCourseRealty.com, Tuscany Reserve was named an honorable mention.

ET Wins National Marketing Awards

Environmental Turf took home two national awards at the 18th Annual Turf and Ornamental Communicators Association (TOCA) conference award ceremony held May 3rd in Savannah, Georgia.

From a field of more than 430 entries, ET, along with the team at Krush Creative Group, won both a First Place and a Merit Award for the design of the September 2006 issue of the company's "e-Turf Update" newsletter. Judges in the competition cited the newsletter's "superb design" and "ease of navigation" as the keys to its success.

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SeaDwarf at Playa Mujeres



Playa Mujeres in Mexico



Zinn with 2 TOCA Awards

Where to Buy UltimateFlora™ Zoysia in Florida

- Avon Park:** Emerald Island Turf
- Gainesville area:** Best Florida Sod
- Charlotte County:** Berry Turf
- Bradenton:** Florida NU-Turf
- Vero Beach:** Gulf Kist Sod,
- Sebring:** Gulf Kist Sod
- Indiantown:** Indian Sun Turf

Where to Buy SeaDwarf®

- California:** Am-Sod, Inc.
- Caribbean:** Lucks Sales Group
- Florida:** Emerald Island Turf
- Georgia:** Lucks Sales Group, Phillip Jennings Turf Farms, Pike Creek Turf Inc.
- Hawaii:** Ali'i Turf
- South Carolina:** Modern Turf
- Brazil:** Green Grass
- China:** Sino-Green Turf Co., Ltd.
- Mexico:** Berentsen Jardinaria, SA de CV.
- Panama:** Jardines Urbanos, SA



“We’re proud to be honored with these awards, especially in a field of competition made up of some of the most prestigious companies and publishers in our industry,” said Stacie Zinn, president of Environmental Turf. “The goal of our newsletter is to bring useful information to our customers in a manner that is visually interesting and easy to read. We’re thrilled to have our efforts acknowledged.”



Grasses from Environmental Turf

Golf & Sports Grasses

- SeaDwarf® Seashore Paspalum
- Aloha® Seashore Paspalum
- PristineFlora® Zoysia

Lawn Grasses

- UltimateFlora™ Zoysia
- Hammock® Centipede
- DeltaShade™ St. Augustine

COURSE OPENING

Superintendent Hosts Celebrity Tournament on New SeaDwarf® Course

Hosting a tournament early in the life of a golf course is daunting for any superintendent. Doing it one week after the Grand Opening for a high-profile celebrity tournament could be down-right nerve wracking. But on the practice tee April 19th, just one week after the Grand Opening of The Quarry, an 18-hole golf course grassed 100% tee-to-green with SeaDwarf® in Naples, Florida, Superintendent Tim Haskins was in good spirits.



Tim Haskins

The Drive Fore Hope Celebrity Golf Challenge with NFL Hall of Fame Quarterback Jim Kelly & Friends boasted a capacity crowd of 180 celebrity golfers and amateurs. Celebrities like Buffalo Bills All Time Rusher Thurman Thomas and Two-Time Super Bowl Champion Leonard Marshall came out to The Quarry to support the Hunter’s Hope Foundation. The charity was created by Kelly and his wife Jill to “address the acute need for information and research with respect to Krabbe Disease,” the disease that took the life of their young son, Hunter.

Anthony Carter, who played in two Pro Bowls for the Minnesota Vikings, said participating in events like this one for Hunter’s Hope is “a no brainer.”

A veteran of several southwest Florida bermudgrass courses, The Quarry is the first seashore paspalum golf course that Superintendent Tim Haskins has grown in. He said he’s seen some differences between growing in SeaDwarf® and growing in a bermudgrass course.

“With the drought conditions that are going on, our lake levels are the lowest that I’ve ever seen them. That’s been

Become a Licensed Grower

A limited number of licensing opportunities are available in select regions. If you are a quality sod grower interested in expanding your inventory with some of the world’s finest new environmentally friendly varieties, we’d like to speak with you. Please call us directly at: (863) 452-6595 or drop us an email at: info@environmentalturf.com.

(Continued...)



the real issue right now, is just the lack of water. Of course with paspalum, there's one of the benefits of it. We were fortunate. We haven't gone off color. We haven't seen a lot of the localized dry spots that I think we would normally see with 419. I've talked to a lot of other superintendents in the areas, (with bermudagrass courses), and I know a lot of guys are having problems but fortunately we've been alright," Haskins said.

The Quarry touts itself as an environmentally friendly golf course. Haskins has an entire team dedicated to hand-pulling weeds in his landscape beds, rather than using harsh chemicals.

During construction of the course, Haskins said he saw some occurrences of a disease called 'yellow patch' on wet, cloudy days. But rather than rush to treat it as he might have on a bermudagrass course, he stopped himself.

"I think to myself, give it a couple days, let the sun come out. It's usually gone," Haskins said.

The Quarry site was not fumigated prior to grassing. Only a preemergent herbicide was used. Haskins said he knew the site had Common Bermudagrass on it prior to planting, and now he uses rock salt to eradicate the weed.

"Basically we're using salt on Common," Haskins said. "It knocks it back. Probably, four to six weeks, you'll see it start to come back. So, if you can stay on a program of just keeping on that salt, I think it would work."

During the tournament, reactions to the course were overwhelmingly positive. Albert Bentley, former Runningback with the Indianapolis Colts said, "I like it. It's got a lot of roll."

Now that he's got some paspalum experience, Haskins said colleagues are calling him with questions.

"A lot of people have come and said, what do you think compared to 419 and TifEagle?" Haskins said. "My comment has always been, it's a great turf so far but until I get through a full summer of growing and rains and cultural practices, I don't want to say it's the greatest thing since sliced bread. But, it's certainly leaning that way."

For more information about Hunter's Hope, visit: www.HuntersHope.org.



Jim Kelly addresses the crowd



Golfers warm up for tournament

☉ Maintenance Tips for Zoysiagrass

MOWING HEIGHT:
Varied by cultivar

UltimateFlora™ Zoysia: May use a high speed rotary mower or reel mower with sharp blades. Suggested mowing heights from 1-1/2-inches to 3-inches with high speed rotary, 3/4-inch to 1-1/2-inch with reel mower.

PristineFlora™ Zoysia: Reel mower recommended. Suggested mowing heights from 1/4-inch to 1-inch.

TO AVOID SCALPING: Grass should be installed on level soil. If uneven soil, mow at longer heights to protect against scalping.

FERTILIZER: Use a complete fertilizer mix such as 16-4-8. Nitrogen should be slow release or organic. Soluble fertilizers may increase thatch. Approximately 3lbs. to 6lbs. of Nitrogen per 1,000 sq.ft. per year depending on soil type.

IRRIGATION: Fairly drought tolerant. Irrigate as needed, as little as 1/2-inch of water per week.

TO AVOID THATCH: Mow at recommended heights, avoid excessive amounts of nitrogen and water and collect clippings. Fall verticutting can be used if thatch occurs.

INSECTS: Chinch bug resistant.

INSTALLATION: Install as sod or sprigs. Grows in quicker than most other zoysias.



GROWER PROFILE

Ali'i Turf Grows SeaDwarf® in Hawaii

In the native Hawaiian language, the word "Ali'i" means royalty. But in the turf industry, Ali'i Turf denotes the only source for SeaDwarf® in the Hawaiian Islands.

On the island of O'ahu, Ali'i Turf is owned and operated by Mr. See Ba Thee, who is well known by the initials "T.C." A native of Malaysia, T.C. is a graduate of Brigham Young University-Hawai'i with a degree in agricultural management. T.C. has 16 years of experience in the turf industry in Hawai'i. He said he chose to become a licensed SeaDwarf® grower for several reasons.

"I wanted to grow SeaDwarf® because it is excellent tee to green, wall to wall. It's an environmentally friendly grass, has a nice color and grows faster than the rest of the grasses," he said.

From Ali'i Turf's hilltop farm in the town of Mililani, visitors are treated to a view of Pearl Harbor. One might also notice that the SeaDwarf® at Ali'i Turf is not grown in Mililani's famous red volcanic soil. Rather, it's grown on plastic in a mulch medium. T.C. said he uses this method for growing the grass to provide a fast grow-in without the worry of any weeds.

In Hawai'i, as in most other places in the world these days, environmental issues play a major part in golf and agricultural development. T.C. said these factors also defined his choice of SeaDwarf®.

"It's the only grass in the world that makes sense to grow because you can use all kinds of water," T.C. said. "It's more versatile."



T.C. of Ali'i Turf



SeaDwarf field in Hawaii

FREE Book Offer

Yes, you can get a FREE copy of the book "Suggestions for the Care of Seashore Paspalum."

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