ENVIRONMENTAL AUDITING SERVICE TO GOLF COURSES

Coping with various regulatory obligations and managing environmental and safety risks are increasingly recognized as important professional responsibilities of today's golf course superintendent.

To help superintendents continue to meet these responsibilities, the Golf Course Superintendents Association of America (GCSAA) announced that it has contracted with an environmental consulting firm to develop the first comprehensive environmental management system for the golf course industry.

Hall-Kimbrell Environmental Services, Inc., will join GCSAA in presenting this new concept to attendees of the 60th International Golf Course Conference and Show on February 6-13 in Anaheim, CA.

The package under development will include an environmental self-audit questionnaire and notebook. In addition, there will be videotape training materials designed to provide management assistance in areas such as pesticide use, storage and disposal, underground storage-tank regulations, OSHA requirements and general-risk management.

Completed self-audit materials will be individually reviewed by the Hall-Kimbrell staff to provide specific recommendations and analysis.

"The up-front cost of developing these materials is several hundred thousand dollars, which Hall-Kimbrell has decided to invest," noted GCSAA Executive Director John M. Schilling. "The result will be a very valuable new management tool with low-unit cost to individual superintendents."

Steve Wharton, product manager for the environmental service, has been collecting information from golf courses across the nation in a series of site visits. Technical advisor for the overall effort is Dr. Wynan Hock, plant pathologist and extension pesticide specialist at Pennsylvania State University.

DUNN APPOINTED SALES MANAGER

Lofts Seed, Inc., has announced the appointment of William E. Dunn to the newly created position of sales manager of the Professional Turf Division.

Working out of the firm's Bound Brook, NJ office, Dunn will be responsible for expanding the company's sales and service to independent garden centers, the lawn care industry, landscape contractors and suppliers, professional landscape and athletic field managers, and sod growers.

The Seton Hall graduate was previously in sales with Rockland Chemical.

LEBANON PROMOTES THREE MANAGERS

Lebanon Total Turf Care, Lebanon, PA, has announced the promotion of three marketing managers. Amelia Eisenhauer was promoted to manager of advertising and public relations, Edward Price to manager of private-label national accounts, and Fred Siebecker to pesticides product manager.

In her new position, Eisenhauer will be responsible for the conception and implementation of advertising and public-relations programs for the turf-care firm. She has served five years as a marketing assistant and two years as a computer programmer since joining the company in 1981. Eisenhauer holds a bachelor's degree in business administration from Shippensburg University.

Price's duties will include developing and managing major-account private-label business. He has been with Lebanon since 1976, serving as sales coordinator before becoming division manager in 1981. He has an associate's degree in criminology from Brandywine College.

Siebecker's responsibilities will include managing and promoting the sales of pesticides to professional lawn-care companies. Prior to his promotion, he was a sales-and-service coordinator. He graduated from Lebanon Valley College with a bachelor's degree in business administration.
THE GRID SYSTEM

WITH GRID: GRASS GROWS AT THE ENDS OF GOLF CART PATHS AND AT THE CORNERS OF SIDEWALKS

EASY TO INSTALL!!

THE GRID SYSTEM:
- A Protective Surface that grass grows through.
- The crowns and rhizomes are protected.
- No interference of rhizome or stolen growth.
- Made of high strength HDPE.
- Interlocking 2 by 2'/2 foot pieces to protect any size area.
- 1/4" thick X 1/2" wide strips with 1/4" square openings for grass to grow through.
- Easily cut to fit around sprinkler heads & sidewalks.
- 8" nails that lock into pre-drilled cylinders.

Prepare the Bed
Snap Grids Together
Hammer Locking Nails

USE THE GRID SYSTEM ON TEE APPROACHES, FOOTBALL FIELD SIDELINES AND BETWEEN BUNKERS

IT WORKS!

Call Today
1-800-843-4743
In Georgia
1-404-975-0866

The Extra Point
continued from page 14

LANDRY, CULBERTSON JOIN STMA BOARD

Dr. Gil Landry, extension turf specialist for the University of Georgia in Athens, GA, and John Culbertson, manager of public relations for Pacific Sod in Camarillo, CA, are the two newest members of the STMA Board of Directors.

Landry has been very active in Georgia turfgrass associations. He will contribute both administrative and technical expertise to the board. Culbertson has been equally active in California turfgrass associations. He is highly regarded for his promotional skills and his knowledge of the turfgrass industry in the Southwest.

Continuing their terms on the board are Harry Gill, superintendent of grounds for Milwaukee County Stadium; Mike Schiller, director of parks and recreation for Glenview, IL; and Dale Sandin, director of grounds maintenance for the Orange Bowl in Miami, FL.

SANDIN IS SEVENTH RECIPIENT OF LAWN RANGER AWARD

Dale Sandin, a former golf course superintendent from Georgia, has worked at the Orange Bowl for more than ten years, seeing it through a Super Bowl, NFL playoffs, and many other professional, collegiate and high school sports events. He is regarded as one of the best managers of a Prescription Athletic Turf field in the country.

All seven recipients of the award attended the conference. "All I can say is that I'm proud to be in the company of previous winners of the award," said the stunned Sandin. "I've looked up to them for all these years.

Sandin serves on the board of directors and recently helped found the first local chapter of the STMA in Miami.

HOUSTON IS FIRST CHOICE FOR NEXT ANNUAL CONFERENCE

The newly elected STMA board of directors has chosen Houston, TX, as its top choice for the Second Annual Sports Turf Conference and Show. The board also decided to hire a show manager to promote and run the conference.

"This is the next logical step for STMA," explained Steve Cockerham, the new president. "We want the office staff to concentrate on membership services rather than the conference. A show manager will do a better job of promoting our conference so that more sports turf managers can take advantage of the educational opportunities it provides."
Meet A True Beauty

Nobody gives you a beauty quite like the Pro Master 18-H. Because the beauty of our machine is the way it performs. Hydrostatic drive delivers speeds up to 6.3 mph without shifting. Standard hydraulic lift means easier operation. And twin rear wheel design, plus 0° turning radius make it a model of efficiency. Find out why ninety-six percent of the professionals, commercial users and homeowners we talked to told us they love the way their Gravelys perform. Test a Pro Master 18-H and find beautiful performance.

Fall In Love With A Gravely

Gravely International Inc., One Gravely Lane, P.O. Box 5000, Clemmons, NC 27012 • 919-766-4721 • Telefax: 919-766-7545
Preparing for the Seniors at PGA National

Golf tournaments have become big business in this country. Only professional football and baseball attract more national television coverage than golf. That's saying a lot when you consider golf is not a team sport, does not require physical contact to generate viewer interest, and is relatively sedate compared to other sports.

Golf professionals often look like the person next door, not a typical muscle-bound athlete. If it weren't for their unique skill in manipulating a small, dimpled ball through treacherous terrain, they might be typical, average Americans.

But they aren't at all typical. Their names are common household words, and their recognition extends for decades instead of a few seasons. The tremendous popularity of the seniors tour is proof of the longevity of the leading golf professionals.

When the Professional Golf Association of America (PGA) was created in 1916, the status of the golf professional was considerably more humble than it is today. His personal success was based almost completely on his knack as an instructor and on his golfing prowess as compared to others at his local club. He was paid to teach more than compete...to promote the game more than to promote himself.

In the early days, PGA events were primarily golf demonstrations with the added attraction of competition between club professionals. When their golf courses closed for the winter, many golf professionals would head South to keep playing, to hone their skills and to teach at resort courses.

Although it was based in New York at the time, PGA organized winter tournaments for its members. It was then that golf professionals began to compete away from their home courses and to attract larger audiences. The PGA realized that tournaments required specific organization and management to be successful. Provisions had to be made to manage both the competition and the crowds.

Much has changed since PGA organized its first tournaments for members. Today, the field of players frequently totals hundreds, the spectators in the gallery in the thousands, and television viewers in the millions.

The old demonstration and grudge...continued on page 46
All in a day's work...

1. 3, 5 or 7 Gang Tractor Mount Mowers
2. Turf Rollers 130, 224 & 235 3. 24 in. Seeder/Over Seeder
3. Brouwer Greens Mower
4. Sod Cutter MK.2™
5. Triplex 376-A
6. 3, 5 or 7 Gang Hyd. or Manual Lift P.T.O. Mowers
7. Brouwer Greens Mower
8. 5 Gang Vertical Mower
9. Large Capacity Brouwer-Vac™

for the Brouwer turf maintenance team.

The team to make easy work of your turf maintenance program. For golf courses, school boards, municipalities, highway parks and recreation departments, airfields and landscapers, there is a Brouwer product for you.

Brouwer builds rugged dependability and superior quality into every product, and that means value - not only when you buy but also in the "second to none" after sales service that will keep your machinery down-time low, and you happy to have Brouwer on your side. Check the products above, from the rugged, economical tractor mount mowers with unbeatable 4-WD traction and the high capacity Brouwer Vac to the turf renovating team of the Sod Cutter MK2 and one of those turf rollers, no matter, the Brouwer team can fit the bill... and your budget.

For a live or Video demonstration of Brouwer products contact your area Brouwer dealer...TODAY

BROUWER
TURF EQUIPMENT LIMITED
An Outboard Marine Corporation Company
7320 Haggerty Rd./Canton, MI. 48187 Telephone (313) 459-3700
Woodbine Avenue/ Keswick, Ontario, Canada L4P 3E9 Telex 065-24161 Telephone: (416) 476-4311

Circle 190 on Postage Free Card
Preparing for the Seniors
continued from page 44

match between golf pros at a local course has evolved into a major sporting event...and any old course won't do. The
turn jump. Not only is it bathed in tradition, as the 50th anniversary of its founding at Augusta National in 1937 is observed, it is the first time the Seniors Championship will be televised nationally.

Trimming fairway heads and yardage markers with Donuttrimmers.

term "tournament-quality" carries a lot of weight today when a developer or resort is building a course (or courses). "Stadium course" means exactly what it says: that the course is designed to facilitate the gallery and the television cameras just like a stadium.

To keep up with the needs of its membership and the growing commercial success of its tournaments, the PGA moved from New York to Palm Beach Gardens, FL, in 1964. There it could provide winter training and competition for northern pros.

In 1980, PGA jumped at the chance to consolidate its operations on one site in Palm Beach Gardens. With the birth of PGA National Golf Club, the rapidly growing organization was able to establish its headquarters and training facilities in one place, surrounded by four tournament-quality golf courses. Today, its staff has grown to nearly 100, and they manage more than 30 sanctioned tournaments and a growing number of golf schools annually. A fifth course was recently added to bring the number of golf courses to 90.

When PGA manages a tournament at home, it makes sure that every detail is considered—especially the condition of the course that is overseeded. Fertilizer is withhold for five weeks beforehand. In September, the greens are aerified with a Greensaire with 3/8-inch hollow tines. The cores are swept off and the Tifgreen 328 is verticut lightly before being topdressed with a mixture of 85-percent sand and 15-percent soil.

The tees were aerified, verticut and top-dressed at the end of last summer. Since then Pheneger and his assistant John Snyder, have blocked-off portions of the tees to control wear. "We control tee use by covering the off-limits blocks with clear plastic windowscreen," he explains. Arrows direct traffic around the blocked off areas. The tees are topdressed every week and kept at 5/16-inch.

The fairways will be cut daily at 1/2-inch during the tournament. The roughs will be mowed at 1 3/4-inches.

The tees were aerified, verticut and top-dressed at the end of last summer. Since then Pheneger and his assistant John Snyder, have blocked-off portions of the tees to control wear. "We control tee use by covering the off-limits blocks with clear plastic windowscreen," he explains. Arrows direct traffic around the blocked off areas. The tees are topdressed every week and kept at 5/16-inch.

The day before overseeding, the greens are double verticut and mowed at 1/8-inch. The first of three applications of Penncross bentgrass is sown, topdressed with the 85:15 mix, and worked into the existing turf. "We put down two pounds per thousand square feet the first time and come back twice with another pound," explains Pheneger. He adds a pound of Sabre Poa trivialis to the bentgrass on the second and third rounds. These secondary seedings are made after the course is reopened and are followed with light topdressing.

The cutting height is raised to 3/16-inch until two weeks before the tournament, when it is gradually lowered to 9/64-inch. Three weeks prior to the tournament, pin placements are intentionally kept away from their event locations. The greens are fertilized with 1/3-pound of IBDU nitrogen every two weeks from December until February. PGA Tournament Director Don Smith and past PGA President J. R. Carpenter make the decisions regarding pin placement, green speed, and tee sites the week before the tournament. They keep in close contact...continued on page 48
After aerating, reseeding and topdressing various areas on the golf course this past fall, we installed our Evergreen covers. The results were excellent! Good growth continued even during cold, dormant growing conditions. These areas went from 60% coverage to nearly 100% in early spring. Healthy root development was well underway. The Evergreen covering system extended our growing season at least one month in the fall and spring while providing winter protection.

FEATURES:
- Six (6) standard sizes: 12' x 50', 24' x 50', 48' x 60', 60' x 90', 72' x 90' and 84' x 110'.
- Permits air and water circulation.
- Cover will not absorb water.
- Resists rot and mildew.
- Debris will not adhere to the cover.
- One-piece construction eliminates overlap marks and discoloration.

ENHANCED GERMINATION.
EVERGREEN covers create a greenhouse effect stimulating more rapid growth than uncovered grasses.

"Evergreen one-piece covering systems not only protected our greens from desiccation throughout the past two harsh winters, they also created a greenhouse effect stimulating more rapid growth and enhanced healthy root development in early spring compared to uncovered grasses."
Preparing for the Seniors  
continued from page 46

with Pheneger throughout the year to make sure the course meets strict tournament standards.

Two weeks before the event, Pheneger and his staff busily prepare the course for the players, the gallery and the television crews. All 107 bunkers are manicured to perfection. Shells that work their way up into the bunkers are picked out by hand and a fresh coat of sand is then applied.

This year preparing the course was a little easier and faster, adds Pheneger, largely due to a new tool called a Donuttrimmer. He first heard about the device when a Boca Raton landscape maintenance contractor named Tom Wait and his partner, Joe DeMino, visited the course to give a demonstration.

The U-shaped metal blade of the Donuttrimmer fits onto the shaft of a string trimmer. Wait, whose PSU Property Maintenance Company has the contract for the city of Boca Raton, invented the blade after spending many tedious hours trimming around sprinkler heads with a cup cutter.

"Florida is famous for the cement donuts used around sprinkler heads," Wait remarks. "It would take one man all day to trim around 50 of these donuts with a cup cutter, and we have thousands of heads on miles of roadside in Boca. By shaping a blade to fit over these donuts and attaching it to a Weedeater, we discovered one man could trim up to 200 heads an hour!"

Wait grew up in Rochester, NY, with DeMino, who is golf professional at Riverton Golf Club. DeMino would visit Wait over the winter while working on his game. When Wait showed DeMino the Donuttrimmer, the golf pro immediately saw the time-saving advantage of the device. The two of them decided to create a company to patent and market the tool.

When Wait made the same offer to Pheneger, he jumped at it. After DeMino finished playing in the Club Pro events, he and Wait went to work. In four hours, four men trimmed every fairway head on the Champion. While they were there, Wait and DeMino also edged a bunker and a portion of one cart path. The following morning the pair were on their way to Pebble Beach, CA, for another demonstration.

"They saved us a lot of time," remarks Pheneger. It was time he needed to put up the gallery ropes and fence off the Champion. "It used to take four people nearly four days to do what they did."

Besides being the first year the Seniors will be televised, with all the cables and camera positions, Pheneger has to work out the gallery ropes to allow the seniors to use carts. More than 1,300 stakes are required to hold the waist-high ropes.

"This is a tough course," Pheneger adds. "There is water on 16 holes and 107 bunkers. The greens are small and undulating. It plays between 6,500 and 7,127 yards, depending upon the location of the tees. Only three players broke par last year. They have plenty to worry about, so we do everything we can to help them out."

In a way, Pheneger has to keep PGA National ready for tournament play year-round. His staff of 63 represents the PGA to anyone who plays there, and that includes many beside club professionals. To give more golfers the chance to play PGA National, seven more courses may be added in the next four years.

It's hard to imagine how much golf has changed since 1916, when the PGA was founded to help the golf professional spread the game through instruction and demonstration. Then it was a matter of introduction...today it is a matter of just keeping up with the demand.
Hal Culpepper, superintendent of Lookout Mountain Golf Course in Tennessee wants the absolute best turfgrass possible. He uses RegalStar™. Hal says the first year he used RegalStar™, the results were obvious and better than the pre-emerge products he had been using. Yet, he says to see the full results, you should use RegalStar™ 3 years in a row. Now he has no unwanted grasses, no weeds, and a healthy root system that has been unaffected by 3 years of drought and severe winters. Hal remarks, “How can you grow better turfgrass than this?”

Shouldn’t you be using RegalStar™

REGAL CHEMICAL COMPANY

P.O. Box 900 • Alpharetta, GA 30201 • Phone: 404-475-4837 • Toll Free: 1-800-621-5208
Kwik-Trench®

FOR THE PROFESSIONAL CONTRACTOR
AND GROUNDSKEEPER

For shallow digging, Kwik-Trench is guaranteed to outdig in speed and performance with less maintenance, any walk-behind trencher on the market. Digs adjustable to 8”, 10”, or 12” deep--2”, 3”, 4” wide--20’, 30’ per minute.

WITH 30 YEARS’ PROVEN FIELD EXPERIENCE, KWIKTRENCH® STANDS FOR QUALITY CONSTRUCTION, EXCELLENT PERFORMANCE, AND FAST, EFFICIENT SERVICE

U.S. Patent #4,503,630

205 HOMESTEAD RD., LEHIGH, FL 33936
CALL COLLECT 813-369-7911
FAX 1-813-369-4204 TOLL FREE 800-327-4997

DEALER INQUIRIES INVITED