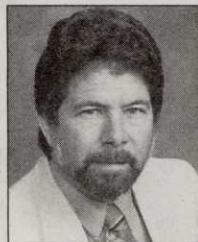


BRIEFS



N.J. TURF ASSN. HONORS HURLEY

ATLANTIC CITY, N.J. — The New Jersey Turfgrass Association presented Dr. Richard Hurley the 1999 NJTA Hall of Fame Award during the New Jersey Turf Expo general session here in December. The award is given to a person in recognition of a continuing lifetime commitment of dedication, service and achievements contributing to the advancement of the turf industry in the state. The business director for AgriBioTech, Inc.'s Professional Turf Unit, is a past president of the NJTA and has been involved in breeding projects with Rutgers University, the University of Rhode Island and Texas A&M.



Dr. Richard Hurley

N.Y. TURF ASSN. CITES VILLANI

SYRACUSE, N.Y. — The New York State Turfgrass Association presented its Citation of Merit Award to Dr. Michael Villani of Cornell University during the organization's Turf and Grounds Expo here. Dr. Villani has served the turf industry in New York since 1984, providing leadership in scarab grub research, insect management and environmentally sound practices for pest management. He has collaborated on two important entomology references, The ESA Handbook on Turfgrass Insect Pests and Turfgrass Insects of the United States and Canada.

WILSHIRE NAMED TO FLA. BOARD

LAKELAND, Fla. — Roy Wilshire, superintendent of Grasslands Golf & Country Club Course at Oakbridge here, has been named to the board of directors of the Florida Turfgrass Association (FTA). Wilshire, who took over responsibility for golf course planning, stewardship and maintenance in 1993 at Grasslands G&CC, has more than 18 years experience in golf course stewardship and maintenance.

NYSTA ELECTS OFFICERS

SYRACUSE, N.Y. — The New York State Turfgrass Association (NYSTA) has elected Joseph M. Hahn as president of a new board for the Year 2000. The superintendent at Country Club of Rochester, Hahn succeeded Anthony Peca Jr. of Batavia Turf at the annual meeting. He is joined by Vice President John Rizza of Turf Partners, Inc., and Secretary/Treasurer Steve Griffen, owner of Saratoga Sod Farm.

Bug off!

Beyond pesticides: Mosquito control goes high-tech

By ANDREW OVERBECK

When it comes to controlling mosquitoes and other biting insects, common tools such as pesticides and electric zappers may soon become a thing of the past. Thanks to cooperative research between the U.S. Department of Agriculture and two New England-based biotech companies, the latest mosquito abatement technology is now available.

American Biophysics, based in East Greenwich, R.I., launched the Mosquito Magnet in September 1998 and BioSensory of Willimantic, Conn., will release its Dragonfly model this month.

While the science behind the two products is complicated, the concept is simple. Both use carbon dioxide and an octenol lure to mimic the respiration of mammals and attract mosquitoes to the trap where they are killed and collected. However, the two machines use different luring and killing techniques and have different sources of CO₂.

American Biophysics manufactures mosquito abatement equipment for scientists and entomologists who collect live insects for study. The company's professional line of equipment uses dry ice or pure CO₂, two items that present some difficulties in mass production.

"In order to expand the technology and the market, we had to develop a device that used a readily available source of inexpensive fuel," said Karen Salvatore, sales director for American Biophysics. "We invented a catalytic converter that

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The Mosquito Magnet, which is about the size of a barbecue grill, converts propane to CO₂ to attract and trap biting insects.

Some myths debunked concerning blue-rye mixes

By DR. ERIC K. NELSON

Combining Kentucky bluegrass and perennial ryegrass can provide a versatile, high-performance turfgrass for golf course tees, fairways and roughs in cool-season grass areas, proving to be a quick-establishing, persistent, resilient and versatile playing surface.



Relative size of Kentucky bluegrass and perennial ryegrass after six weeks.

This statement is more true now than ever with recent releases of several new low-mow tolerant Kentucky bluegrasses. Kentucky bluegrass and perennial ryegrass have complementary characteristics, where the features and benefits of one can overcome the potential disadvantages of the other.

The key to taking advantage of both species in turf is to get them established in a balanced stand. There are many conflicting theories concerning the proper way to uniformly establish these species together. Some of the techniques are based upon research, experience and good agronomics. Others are based on hypotheses and conjecture.

However, there is more than one proper way to get the job done. Factors including species ratio in the seed mixture, seeding rate, seedling management, es-

tablishment timing and the immediate influence of Mother Nature on plant survival can all affect the results.

My general recommendation for taking advantage of features and benefits of both species in a balanced stand is to sow a mixture consisting of 80 percent (by

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New low-mow Kentucky bluegrass plus perennial ryegrass excel on tees, fairways and roughs.

GOLF AND THE ENVIRONMENT

AI develops Environmental Audit

By JEAN MACKAY

Talk to golf course superintendents and you discover that most consider themselves stewards of the environment. After all, they work outdoors amidst the natural beauty of water, grass, trees and wildlife. But how can superintendents and course managers be sure they're not just touting environmental stewardship, while in actual practice, hitting a double bogey? How do they know whether management practices are really on par with widely accepted standards for environmental performance?

Now, an effective new tool is available

to help superintendents and club managers do just that. Audubon International has developed an Environmental Performance Audit to help superintendents, club managers and others rate their environmental performance.

The Environmental Performance Audit is a self-assessment or evaluation that uses environmental performance indicators, or best management practices, to measure their work. The audit is a simple, inexpensive means to help superintendents and club managers evaluate current management practices that safeguard

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Barber forms Blue Ridge

By MARK LESLIE

GREENVILLE, S.C. — He was a golf course superintendent, then a college professor and researcher, then an executive with two course management companies, at one time overseeing 44 courses in 17 states. Now Dr. Joel F. Barber has formed Blue Ridge Golf "to pro



Dr. Joel Barber

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Audubon: Audits

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and enhance the quality of the environment. It can further be used as a set of guidelines to help plan and establish appropriate environmental strategies in areas that management is not currently addressing.

"We wanted superintendents and club managers to be able to evaluate themselves, instead of having a regulatory agency look over their shoulders," said Dr. Miles "Bud" Smart, director of environmental planning for Audubon International. "The audit will give people a useful snapshot of their performance and help them identify their strengths as well as any areas that need improvement."

Audubon International collaborated with environmental and turf researchers; experts in environmental planning, water quality, and wildlife; superintendents and club managers; as well as organizations such as the U.S. Golf Association, Club Managers Association of America and Golf Course Superintendents Association of America. In addition, Audubon International's nearly 10 years of experience working directly with superintendents, has resulted in an audit that is user-friendly and easy-to-complete.

The Environmental Performance Audit is available in a variety of forums. Club managers may obtain it for full facilities through CMAA.

Audubon International staff also will offer seminars for club managers during the CMAA World Conference in Atlanta in February. The Environmental Performance Audit for golf courses is available to members of the Audubon Cooperative Sanctuary Program.

In addition, GCSAA members will have the opportunity to take the audit during a new seminar, "Integrated Environmental Management," offered by GCSAA's Continuing Education Program.

"We hope people will follow up on taking the audit by participating in one of the available educational forums, or joining the Audubon Cooperative Sanctuary Program to learn more about taking action based on the results of the audit," said Smart.

"In the future, we hope to also secure funding to make the audit available via CD-ROM, so that participants can enter information into the audit on their computer. The program would then calculate your score and provide interpretation for the meaning of the score."

Jean T. Mackay is manager of educational services for Audubon International, headquartered in Selkirk, N.Y.

Crystal Springs, Riverside certified as sanctuaries

BURLINGAME, Calif. — Crystal Springs Golf Course here and Riverside Golf Club in Grand Prairie, Texas, have achieved designation as Certified Audubon Cooperative Sanctuaries by the Audubon Cooperative Sanctuary System (ACSS). Crystal Springs is the sixth course in California.

"This is another significant environmental achievement for the turf management staff at Crystal Springs," said Tom Isaak,

CourseCo president. "They work very hard to reach elevated standards, which we believe are in the community's and industry's best interest."

Riverside Golf Club is the sixth course in Texas and the 205th in the world to receive the honor. The other five courses in Texas are Lakeside CC in Houston, Barton Creek Resort's Fazio, Crenshaw and Palmer courses in Austin, Padre Isles CC in Corpus

Christi, and Hyatt Regency Hill Country Resort and La Cantera GC in San Antonio.

"The certification process was extremely humbling for my staff," said Michael Bartlett, superintendent at Riverside Golf Club. "We felt very comfortable with our environmental programs going into the certification process, but the ACSP opened our eyes to more and better ways of environmental and wildlife enhancement."



What
each
particle
looks like
to your
turf.



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