

BRIEFS



**GLORIOSO RECEIVES PTC SCHOLARSHIP**

UNIVERSITY PARK, Pa. — Tim Glorioso of New Kensington, Pa., graduated from the Pennsylvania State University Golf Course Turfgrass Management Program in March and was chosen to receive the Pennsylvania Turfgrass Council Scholarship. After beginning his career at Muirfield Village Golf Club in Dublin, Ohio, Glorioso worked his way up to superintendent at Hill Crest Country Club in Lower Burrell. He will return to Hill Crest as superintendent upon graduation.



**TURF, LANDSCAPE FIELD DAYS SET**

RIVERSIDE, Calif. — The Turfgrass Research Conference and Field Day and the Landscape Management Research Conference and Field Day will update developments for landscape professionals, Sept. 15 and 16, at University of California — Riverside (UCR).



The events are organized by environmental horticulturist Dr. Victor Gibeault and Dennis Pittenger under the sponsorship of the University of California Cooperative Extension, Department of Botany and Plant Sciences, and the Agricultural Operations unit at UCR. For further information and registration materials, contact Susana Velez at the Department of Botany and Plant Sciences, 4106 Batchelor Hall, University of California, Riverside, Calif. 92521-0124; telephone 909-787-4430.

**ENVIRONMENTAL GOLF PROMOTES**

CALABASAS, Calif. — Environmental Golf Maintenance has promoted Gregg Swanson to regional superintendent and named Mike Robson as course superintendent at Cross Creek Golf Club in Atlanta, Ga.; Stan Overton superintendent at Birkdale Golf Course in Huntersville, N.C.; and Brad Rook as superintendent at Silver Lakes CC in Helendale. Swanson will be responsible for overseeing golf course maintenance programs Canyon Lake Country Club (CC) in Lake Elsinore, Bernardo Heights CC in Rancho Bernardo and Silver Lakes CC in Helendale. A superintendent since 1988, Swanson has extensive experience in golf course operations, turf management and horticulture. From 1992-1995, he was a director of the San Diego Golf Course Superintendents Association and is a Class A member of GCSAA.

**Michigan pioneers environmental self-audit**

EAST LANSING, Mich. — The Michigan Turfgrass Environmental Stewardship Program was officially launched June 25 at Michigan State University here, pioneering new ground for golf courses. Golf turf representatives from throughout the state attended the first Turfgrass Environmental Stewardship seminar to learn how to improve water quality, prevent pollution and increase compliance with environmental laws and regulations.

Michigan Department of Environmental Quality Director Russell Harding and Michigan Department of Agriculture Deputy Director Keith Creagh provided opening comments and welcomed participants to this new partnership. "As this groundbreaking initiative gains momentum, we expect to see increased levels of environmental protection and habitat enhancement statewide," said Harding. "This effort holds tremen-

dous promise and will no doubt serve as a model for other states." The program is the first of its kind in the nation and is supported by Michigan State University, Michigan Department of Environmental Quality, Michigan Department of Agriculture, Michigan Turfgrass Foundation, Golf Association of Michigan, Michigan Golf Course Owners Association and environmental advocacy groups. **Continued on page 16**

**Dwarf hybrid Bermudas need special regimen**

By BRUCE SHANK

TIFTON, Ga. — The latest generation of dwarf hybrid Bermudagrasses is changing the way golf greens play and are maintained in warmer regions of the United States. And, according to Dr. Wayne Hanna of the Coastal Plain Experiment Station here, as with any quantum change in turfgrass management, superintendents face a learning curve with these Bermudagrasses. Hanna, the U.S. Department of Agriculture's (USDA) Bermudagrass expert for two decades, is in the final stages of publishing a booklet on how to manage the new Bermudagrasses.

The advantage of the new Bermudas is their absence of seedheads and preference, not tolerance, for cutting heights below 5/32 inch. They also exhibit finer texture and higher density. Because they are very aggressive and very dwarf, they are maintained to prevent predictable problems, such as thatch. "You can only see the differences among the new Bermudagrasses at close mowing heights," said Hanna, who developed the dwarf TifEagle. Only trials mowing the new Bermudagrass below 3/16 inch provide a true comparison of qualities. Test sites at 33 golf courses and universities enable superintendents to see the differences first-hand.

**CONSCIENTIOUSNESS COUNTS**

The prevention steps Hanna recommends are typical for many golf courses — grooming, top dressing, verticutting and aeration. The difference is frequency and consistency. While standard Bermudagrasses perform better at longer heights of cut, the new varieties don't perform as intended when allowed to grow much above 1/8 inch. Grooming (light verticutting with greensmowers) should be performed every week or two, followed by light top dressing, according to Hanna. More aggressive verticutting and top dressing should take place two to three times during the summer. Intervals between aerations should be shortened and cores removed.

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Terry Buchen photo



ON THE GREEN

Filling a truckster-mounted or towable sprayer with water is easier with this simple devise.

**A snappy fill-'er-up**

By TERRY BUCHEN

TIMONIUM, Md. — Pull-behind golf course sprayers and those mounted on a turf truckster come in a variety of sizes, the most popular in the 100- to 400-gallon range. No matter the size, they can take a long time filling — if your set-up is inefficient.

Douglas W. Petersan, superintendent at Baltimore Country Club here, uses a time-honored way that "fills up our sprayers in virtually no time at all," he said.

He uses a simple but effective overhead piping system using 2-inch-diameter galvanized steel pipe with a 2-inch ball valve and a 2-inch-diameter canvas fire hose con-

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**GOLF AND THE ENVIRONMENT**

**As we live & breathe: Golf courses as open space**

By RON DODSON

As we live and breathe, could it be that golf courses provide some value to the environment? Part of the answer to that question can be found in the air around us. The quality of air depends on open space and, consequently, open space is an essential environmental management tool.

"Open space" is an area with a natural cover of soil, water and plants, where there is usually minimal or low-impact human activity and where legal restrictions limit the development of facilities or structures. There are a variety of different types of open space. We most often

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Superintendent Patrick Blum records the species of birds and other wildlife on Colonial Acres GC.

**Colonial Acres joins world's elite 135 fully certified**

GLENMONT, N.Y. — Superintendent Patrick A. Blum, who said he learned from his superintendent father that golf courses can and should help to preserve and enhance wildlife habitat and protect natural resources, has led Colonial Acres Golf Course to full certification in the Audubon Cooperative Sanctuary System (ACSS).

Colonial Acres Golf Course is the sixth course in the state and 135th course worldwide to receive the designation, for which a course must demonstrate a high degree of environmental quality in the areas of environmental planning, wildlife and habitat management, outreach and education,

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## Mich. pioneers

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The unique aspect of the Michigan Turfgrass Environmental Stewardship Program is that it provides golf courses with a mechanism to evaluate environmental management practices through a voluntary, self-assessment procedure.

"The Turfgrass Environmental Stewardship Program consolidates a number of environmental and wildlife initiatives into one model that has been developed specifically for golf courses," said MDA Director Dan Wyant. "By completing a three-step process, they obtain information and assistance to help improve fuel storage, protect well heads and better manage pesticide and fertilizer handling, application and storage. Over the next year the scope of the program will also include environmental-enhancement materials to promote water quality, wildlife habitat and native vegetation."

To become a program member, a golf course representative must first attend a Michigan Turfgrass Environmental Stewardship seminar. At the seminar, the program is explained and the materials, consisting of seven modules, are distributed. Second, the modules must be taken back to the property and completed. Finally, a site visit from a Turf Stewardship Team is made where the modules are reviewed and an environmental action plan is developed with the golf course superintendent.

Golf courses must pay between \$75 and \$150 to attend the seminar and \$200 for a half-day site visit.

Approximately 50 courses throughout the state have taken the first step and attended a program seminar. They are currently completing the materials and will be developing an action plan to establish priorities for the next three years. Upon completion of the process, they will receive state, university and industry recognition and be awarded a certificate of achievement. There will be a second opportunity for golf properties to join the program as another Turfgrass Environmental Stewardship seminar will be scheduled for late fall.

As more people learn about the Michigan Turfgrass Environmental Stewardship Program it is expected to grow. The program was recently featured in a July media event at the Tournament Players Club of Michigan in Dearborn. Directors from the Michigan Departments of Agriculture and Environmental Quality, the dean of the College of Agriculture and Natural Resources, the president of the Michigan Turfgrass Foundation

and the general manager of the TPC of Michigan discussed the merits of the program in conjunction with the Ford Seniors Tournament.

For more details on the program contact Debbie Spakoff Swartz at 517-353-3208 or Greg Lyman at 517-353-0860. They can also be reached via e-mail at [swartzd@pilot.msu.edu](mailto:swartzd@pilot.msu.edu) and [lyman@msue.msu.edu](mailto:lyman@msue.msu.edu), respectively.

## Morris succeeds Shearman as NTEP's executive director

BELTSVILLE, Md. — The National Turfgrass Evaluation Program (NTEP) has appointed Kevin Morris to the executive director position, the NTEP Policy Committee announced at its recent semi-annual meeting in Blacksburg, Va. Past executive director Dr. Robert Shearman was named special projects coordinator.

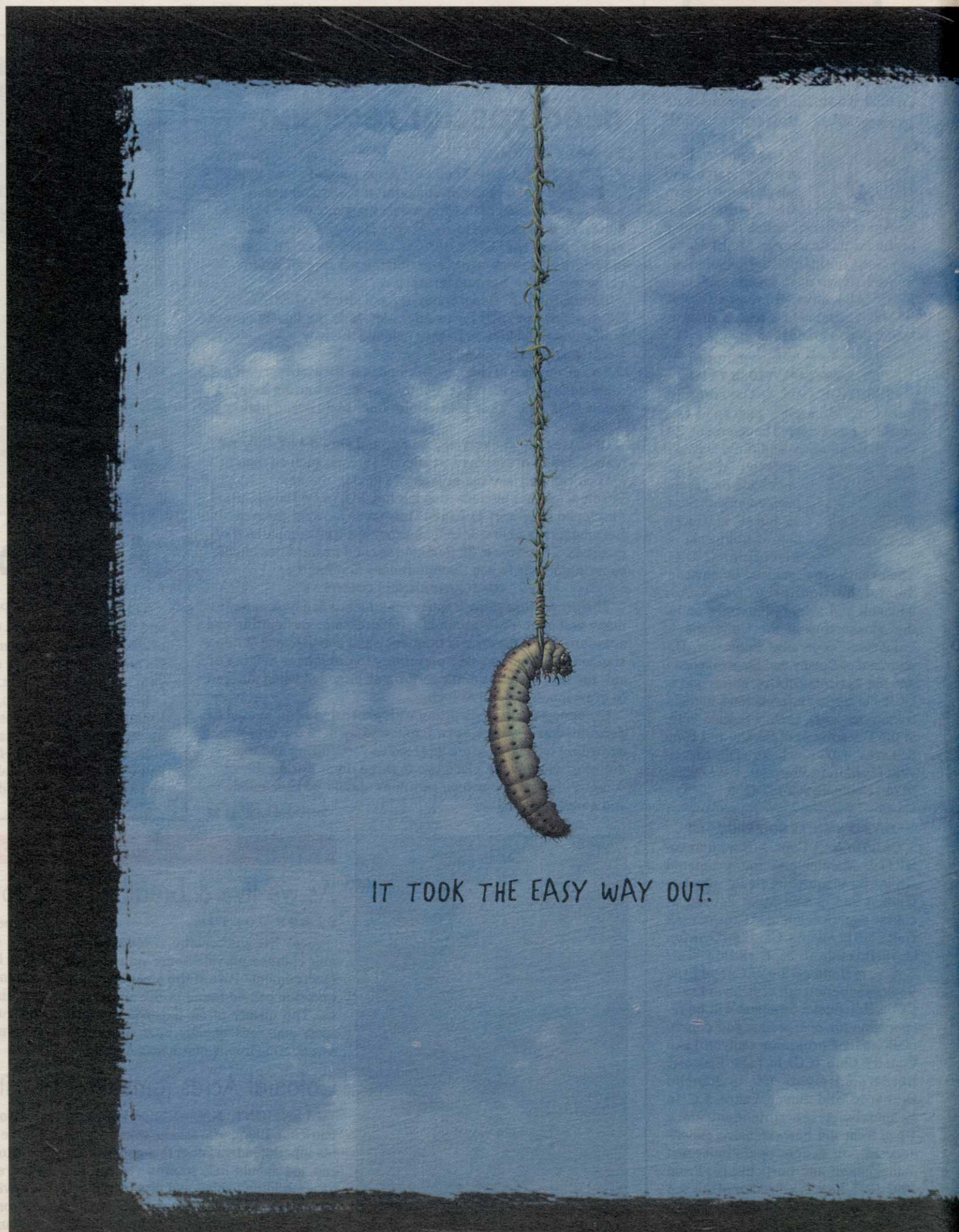
Morris has been employed by NTEP since Nov. 1, 1982, first as technical coordina-



Kevin Morris

tor, then national director and most recently as national program coordinator.

He is the first and longest-tenured employee at NTEP. As executive director, he coordinates national turfgrass tests in the United States and Canada; administers and manages NTEP facilities and personnel; and represents NTEP to local, regional, national and international turfgrass organizations.



IT TOOK THE EASY WAY OUT.