

BRIEFS



**FINE-TUNING SKILLS**

ALFRED, N.Y. — The New York State Turfgrass Association and State University of New York Alfred are cosponsoring a seminar, "Fine-Tuning Your Turf and Grounds Skills," on Aug. 31 at SUNY Alfred. The seminar illustrates how to save money by using proper calibration techniques and simple math to determine the differences in the unit cost of fertilizers. A discussion and demonstration of scouting for white grubs and pruning for plant health will also be included. More information is available from NYSTA at 800-873-TURF.



**FURTHER ACHIEVEMENT**

*Golf Digest* has named superintendent David W. Mahoney of Siwanoy Country Club in Bronxville, N.Y., as a new member of the Course Selection Panel for the magazine's biannual 100 Greatest Golf Courses and annual Best New Courses balloting. He reportedly was chosen because of his single-digit golf handicap, excellent golf course architecture knowledge, and course-conditioning expertise. He is one of only a handful of superintendents on this national panel.

**APPLICATIONS ACCEPTED**

UNIVERSITY PARK, Pa. — Applications are now being accepted for Penn State's two-year Technical Turfgrass Management Program for the class beginning in October 1994. The application fee is \$35 and the deadline is Dec. 31. Applications may be obtained by contacting Turfgrass Management Technical Program, The Pennsylvania State University, 306 Ag. Administration Building, University Park, Pa. 16802-2601; telephone 814-865-8301.



**TURF CONCLAVE SET IN NOVEMBER**

The 5th Annual West Virginia GCSA Turf Conference & Show will be held Nov. 1-4 at Lakeview Resort & Conference Center, in Morgantown, W.Va.

**NUCRANE DONATES EQUIPMENT**

FORT LAUDERDALE, Fla. — Nucrane Machinery of Riviera Beach has donated to the Florida Golf Course Superintendents Association the use of a John Deere 2243 professional triplex riding greens mower for its research green at the I.F.A.S. Research Center here. This is the second year that Nucrane has donated equipment to I.F.A.S.



## Citizens take control, make nat'l park course ecofriendly

By MYRON LOVE

The new operators of the 60-year-old Wasagaming Golf Course in western Manitoba's Riding Mountain National Park believe the course should fit in with its surroundings. To that end, Clear Lake Golf Foundation Inc. is initiating a comprehensive plan to bring one of Canada's most scenic golf courses in line with the ecosystem of a national park while preserving the top quality of its golfing experience.

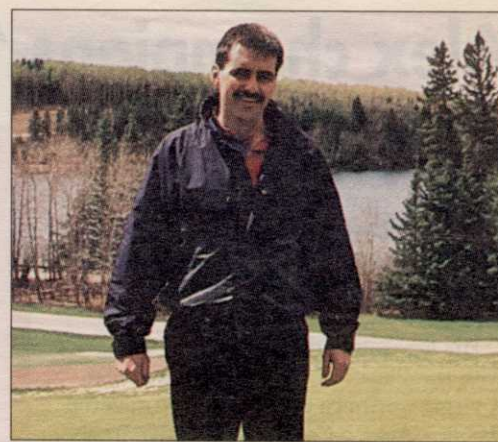
Located about 10 miles inside the park, Wasagaming was built as a nine-hole course in 1933 and expanded to 18 holes three years later. Situated on rolling hills across from Clear Lake, the 180-acre track attracts about 30,000 golfers during its short, May-through-September

season.

"In the past, many of the operators have fought with the park officials," said Ian Sarna, a member of the new management team. "We feel we can work with the park and bring a traditional-use facility into line with the park's mandate."

When the management contract for the course came up last year, Sarna and other local people created the non-profit Clear Lake Golf Foundation to bid on it. Their proposal was chosen over 11 other private bidders and they were awarded a 25-year contract.

To prepare their environmental program, they spent a couple of months studying other environmentally managed courses in the United States, notably a new course at the Resort at



Ian Sarna stands at Wasagaming Golf Course with Clear Lake in the background. Sarna and his partners in Clear Lake Golf Foundation plan to make the course ecologically friendly by such measures as replacing the above embankment of turf with native wildflowers.

Squaw Creek in Olympic Valley, Calif., which had the approval of the Sierra Club, the stalled Sherman Hollow facility in Vermont, and North Hampton Golf and Country Club in New Hampshire. They are also joining the Audubon Society's Golf Course Cooperative Sanctuary Program.

"We will be creating a habitat for small animals, birds and insects according to the Audubon Society's instructions," said Greg Holden, another member of the foundation.

As an example, superintendent Tom Makara said low-lying areas that collect water will be left undisturbed as sanctuaries for waterfowl and fish. The society will provide course operators with its latest research material on ecosystem

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## Envirotron field research lab on look-out for equipment

GAINESVILLE, Fla. — The Florida Turfgrass Research Foundation needs a number of pieces of equipment for its Envirotron research laboratory at the University of Florida.

The 3,100-square-foot state-of-the-art research field lab, designed to study and develop new technology on the relationship of turfgrass with all biological, environmental and cultural factors affecting turf, will open its doors by late September. It will be equipped with student housing, which will allow recruitment of top scholars, and scholarships will be provided through the Dr. G.C. Horn Endowment. Studying the impact of turfgrass on temperature modifications, noise abatements, pollutant filtration and purification, and aspects of turfgrass culture are its primary goals.

The foundation has put out a call asking for: hygrothermograph, automatic

irrigation system for greenhouse as well as for surrounding turf area, high-intensity light fixtures, mowing and other turf equipment, computer equipment, multiple point recorder thermocouples, weather station, spectroradiometer, electronic toplading balance.

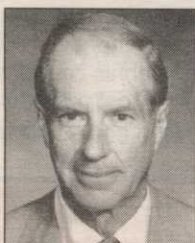
Also, beakers of all sizes and capacities/glassware, dispensing burets, centrifuge and accessories, high-pressure liquid chromatography (HPLC), gas chromatography (GC), thin-layer chromatography (TLC) supplies, conductivity meter, fume hood, muffle furnace, lab furniture/chairs, desks, shelves, incubators/growth chambers, laminar flow hood/cabinet, binocular microscope supplies, forced air lab oven, pH/mV meter, spectrophotometer, autoclave, refrigerator/freezer, CO2 gas analyzer.

### W.Va. contributions top \$73,000

## Turf fund-raiser named for Campbell

William C. Campbell, past president of the United States Golf Association (USGA) past captain of the Royal & Ancient Golf Club and past Old Tom Morris Award winner, has given his name for better turf in West Virginia.

"The success which Mr. Campbell has enjoyed throughout his golf career and his important role to the game of golf will lend well to our



William Campbell

tendents Association of America and USGA. already successful and important S&R Fund," said Murray. Fund-raising efforts to date have raised over \$73,000 in just eight years and the S&R committee has distributed about \$43,000 since its establishment in 1990 in scholarships and to support research projects at universities, Golf Course Superintendents Association of America and USGA.

## World Congress calls for papers

ST. ANDREWS, Scotland — A call for papers has gone out for the 1994 World Scientific Congress of Golf, which will be held here next July 4-8.

Backed by the Royal and Ancient Golf Club of St. Andrews and the United States Golf Association, the congress will feature technical information on the golfer, golf equipment, and the golf course.

The five-day 1990 event included 59 papers and attracted 300 delegates from 31 countries.

Coordinators hope to attract papers dealing with agronomy and course management; demand, supply and marketing; and environmental implications of golf courses. Authors must indicate by Sept. 1 their intention to submit a paper, giving a provisional title and an outline of the content. Invitations will be sent by Oct. 1. Papers will be due Jan. 1, 1994, and will not be accepted unless an invitation to submit has been issued.

Authors should contact Congress Secretariat, World Scientific Congress of Golf, Department of Physical Education, University of St. Andrews, Fife KY169DY, Scotland, UK; telephone 0334-75560 or 0334-76161.

Organizers said: "In view of the current economic climate, the organization committee has set aside a hardship fund to help authors of accepted papers attend the congress if they cannot find sufficient finance elsewhere."



## Ecofriendly in Manitoba

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preservation.

For the greens, pesticides and chemical fertilizers are out and hand weeding and organic methods are in. It will take time before any results will be measurable.

Sarna noted that five tons of nitrogen were spread on the course last fall. Nitrogen feeds the top of the grass but can burn and kill deeper roots. "We have to go to organic fertilizers to build up the soil underneath," he said. "We are also looking at a new \$350,000 computer-controlled irrigation system that would have individual weather stations throughout the course monitoring moisture levels and keeping them at the proper levels."

Out-of-play areas will be seeded with native prairie grasses and wild flowers.

It is not only the non-green areas that the foundation members want to "green." Sarna reported his group is urging manufacturers to sell it balls in bulk, instead of individually sleeved as is the current practice, to cut down on paper and plastic. "We plan to write all the manufacturers in the fall when we have more time and present the idea of using display cases with their names on them as alternatives to the packaging," he said.

The club is importing biodegradable tees from a Vancouver manufacturer and electric golf carts. The foundation is researching solar panels to recharge the carts. It is building recessed cement areas where gas-powered equipment is stored to prevent any possible leakage seeping into the soil.

In the pro shop and coffee shop, Styrofoam is giving way to coffee mugs (which will be sold with the coffee) and cream will be in creamers rather than individually packaged. "Small things add up," said Sarna.

To deal with the garbage, operators are exploring stocking compostable paper products and are looking at the latest technology in wastewater treatment.

"The changes won't all happen overnight," Sarna said. "People have been supportive but they still expect a good product. We don't want to kill the greens. We may be experimenting with different processes for several years to find out what works best."

In addition to being environmentally aware, Clear Lake Golf Foundation is socially correct. It is an equal opportunity employer whose goal is to ensure a representative number of native people are employed on the course, including golf pro Tom Betz — and eventually

represented on its board.

"In the next three years, we hope to turn the foundation over to a public advisory board which would include environmentalists, native people and representatives of the different golf and user groups here," Sarna said. "We also plan to pass on environmental messages with our tee boxes and we will be building a new clubhouse which will include an environmental education center."

## W.Va. raises \$12,000 for research

HUNTINGTON, W.VA. — The West Virginia GCSA raised \$12,075 at its 8th Annual Turfgrass Scholarship & Research Fund-raiser Golf Tournament, held at Guyan Golf & Country Club on June 7.

Two milestones were reached during the event. "This was an all-time high in fund-raising efforts, and this year was the first time anyone got an ace during our tournament," said Co-chairman John Cummings.

Dale Minick of Kirtland Country Club in Willoughby, Ohio, got the ace on the par-3, 214-yard 7th hole. He used a one iron. The ball took two bounces. Nothing but hole.

West Virginia GCSA President Charles Murray

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accepted the check from Cummings and co-chairman Arthur Casto Jr., at an awards reception after the tournament. Murray said the funds will be deposited in the WVGCSA William C. Campbell Turfgrass Scholarship & Research Fund, which helps turf students in their second or third year of schooling and aids in research projects at universities, Golf Course Superintendents Association of America and the United States Golf Association.

"This fund and commitment to better golf through better turf in West Virginia sets a shining example of what can be accomplished with a team effort," said Murray.

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