TORONTO — The Royal Canadian Golf Association donated $230,000 at the annual general meeting to support three initiatives considered fundamental to the future of golf in Canada, RCGA Executive Director Stephen Ross announced.

The provincial golf associations received $125,000 to support the provincial Future Links Mobile Clinic Program; the Canadian Turfgrass Research Foundation received $75,000; and the Audubon Cooperative Sanctuary System of Canada received $30,000.

"There three programs play a vital role in supporting tomorrow's golfers, which is why the RCGA is supporting these groups today," said Ross. "Two of the association's primary mandates are to promote the game and protect the environment."

In 1998, Canadian PGA instructors traveling in Ford Windstar vans provided instruction to 9,675 juniors at 221 sites in seven provinces through the Future Links Mobile Clinic program. With the assistance of presenting sponsor Mackenzie Financial Corp. and the provincial associations, the mobile program is expected to eclipse those totals in 1999.

The Canadian Turfgrass Research Foundation donation will support turfgrass and environmental research conducted at various universities and research facilities across Canada.

The Audubon Cooperative Sanctuary System of Canada, which develops and administers programs to aid landowners in maximizing properties as wildlife sanctuaries, considers 13 golf courses in Canada as fully certified members. Another 216 courses are participating as cooperators, and the RCGA donation will assist in the ongoing environmental education of these courses.

TORONTO — Worden Teasdale of King City, Ont., was inducted as the 94th president of the Royal Canadian Golf Association during the organization's annual general meeting.

He said the association moves forward with its recently established long-range plan that includes establishing 45-hole RCGA golf complexes in Toronto, Montreal and Calgary. Each complex will feature a world-class stadium course; an 18-hole public course; a nine-hole Future Links course; a large range teaching facility; and an RCGA satellite office—all geared toward promoting and growing golf at the local and national level.

Super weed

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curving of the root.

Researchers have speculated that the transport of IAA is facilitated by a gene that acts as a pump to redistribute the hormone up and down root cells as needed. The EIR1 gene isolated by the research at the Whitehead lab may represent this pump.

"When we studied the EIR1 gene, we found that it was very similar to bacterial genes that pump out toxins from bacterial cells," said principle researcher Christian Luschnig. And, when the scientists inserted the EIR1 gene into yeast cells, the yeast cells became resistant to fluorinated indolic compounds, suggesting that the EIR1 gene was helping yeast cells pump out the toxins.

This suggests that EIR1 functions as an efflux pump in roots, and because EIR1 is expressed only in the roots and not other parts of the plant, it suggests that the gene is responsible for the root's response to gravity.

The study was supported in part by a Schroedinger Fellowship from the Förderung der Wissenschaftlichen Forschung (the Austrian Science Foundation), by the PEW Charitable Trusts Latin American Fellows Program, and by a grant from the National Science Foundation.