

CONSTRUCT from p. 8 tlenecks.

Delays of up to 30 months were reported, though most are delayed 8 to 12 months, according to the survey. Asked to present actual case histories showing the costs of these delays, the architects cited additional costs ranging from \$10,000 to over \$1,000,000. These costs came from additional financing, legal and consultant fees and rerouting the project.

"We have not done a good job of explaining to regulatory agencies, local boards and the general public how golf courses contribute to the quality of life," says Maples. "But we



Lannert



Maples



Fister

must go one step further to work with the EPA and COE to develop guidelines that will help the architect prepare a plan that will be acceptable without a great deal of revision. Key to that, of course, is having national standards on such key issues as wetland mitigation."

On a more optimistic note, Hale Irwin Golf Services has concluded that the environmental impact of typical maintenance procedures is beneficial overall, with minimal run-off of fertilizers and pesticides.

Senior vice president Patrick J. Fister presented the findings of a white paper at

the Golf Development Conference in Washington, D.C. He cited low chemical runoff rates, low topsoil losses, increased wildlife habitat retention/creation and water conservation.

Fister also addressed the international assembly of golf course developers on the development of courses in residential communities.

"I do not see primary home community developments slowing down in 'edge city' areas," Fister notes. "People are willing to commute the extra half-hour to live in that master-plan community. But I've seen it tougher for planned golf courses to get done closer to urban areas where land is prime." □

EQUIPMENT

OPEI draws more lawn/landscape pros

LOUISVILLE, Ky. — Attendance at the Outdoor Power Equipment Institute Expo '90 by professional contractors and mowing companies increased by 124 percent over 1989, according to the organization.

"We zeroed in on (landscapers and mowing companies) this year," says Warner Frazier, president of Simplicity Manufacturing. According to Frazier, a special show announcement letter was mailed to commercial equipment users. Professional buyers were also able to view equipment in more than 40 outdoor commercial exhibits.

The OPEI show, held here every year, is largely attended by equipment dealers and distributors; however attendance is often used to gauge overall interest in power equipment markets.

Data released at the show by Association Research, Inc., shows a projected 4 percent increase in shipments of walk-behind mowers in 1990 over last year. Shipments of rear-engine riding mowers are expected to fall by 8.4 percent this year; shipments of front-engine lawn tractors should realize a 12.7 per-

cent gain. Riding garden tractors will see a modest 0.6 percent increase.

A few products that came to the attention of LANDSCAPE MANAGEMENT are listed below.

- A new mower deck that might be of particular interest to professional mowing companies is Toro's Recycler. The deck's blade and deflector system are designed to cut grass down to fine particles and direct them back into the ground. The company predicts a 38 percent savings in mowing time for those who normally bag clippings.

- The PE 2201 trimmer from Echo is ready for use by the professional market. Equipped with a commercial-duty 21.2 cc engine, the trimmer features an all-position diaphragm carburetor with a purge system for quick easy starts, and an anti-vibration system to reduce user fatigue.

- Shindaiwa's Tornado cutter blade is a low-kick, heavy brush and tree blade. It has only six teeth and an easy feed ramped depth gauge located at the front of each cutter. The gauge reduces kickback and snag, says Shindaiwa, producing faster, easier cutting.

- Kubota celebrated its



Lawn care professionals drove them around the block a few times at the OPEI show, Expo '90, in Louisville, Ky.

100th anniversary during the Expo '90 by adding the W5021-PCC walk-behind mower to its commercial turf-maintenance line.

The mower's 5-hp, 8.91-cu. in. overhead valve engine puts out high torque at low speeds, so it can handle a variety of terrains.

- HMC Green Machine's new hedge trimmer has a two-cycle, 1.4 hp engine.

HMC reports that the trimmer can handle the day-to-day, high-volume use that landscapers require. Two 30-inch counter-oscillating blades made from carbon steel insure professional users of fast, effortless trimming and shaping with a minimum of maintenance. □

INDUSTRY

Chem companies boost education

WASHINGTON — Representatives of several companies that supply chemicals to the lawn care industry have joined forces to better educate those who use their products.

Delegates of several major chemical companies, working under the auspices of the Pesticide Public Policy Foundation (3PF), are working with other green industry organizations to create educational materials for chemical applicators.

The coalition's second meeting will be this month, continued on page 16

COALITION from page 12 where it's expected to review an educational curriculum proposed by a committee made up of applicators, extension agents, and representatives of the Environmental Protection Agency and U.S. Department of Agriculture. Each company will review the proposed curriculum, add to or subtract from it, and meet again to determine how it will be financed.

When complete, the program will be distributed through the Professional Lawn Care Association of America (PLCAA).

The education program will not become a part of existing certification or licensing programs, says Jim Altemus of Monsanto, a coalition spokesman. "What it is meant to do is to provide a level of education below that which is required for licensing or certification. This is the one that says whomever puts their hands on an applicator hose must have at least minimum education about what they're doing."

Companies within the coalition at presstime include Monsanto, Dow-Elanco, American Cyanamid, Rhone-Poulenc, and Ciba Geigy.

"When the program is finished, it's going to be a measurable improvement—a giant step forward for the industry," says Altemus. "It also says good things about the companies involved, that we're willing to find new ways of accomplishing things."

"We're doing something that benefits society as well as protects our right to do business within a market." □

PEOPLE

McClure named new director of pro lawn care association

Ann McClure has been named executive vice president of the Professional Lawn Care Association of America by its Board of Directors. McClure succeeds **James R. Brooks**, who announced his resignation from the organization last month after serving as executive director and executive vice-president for the last seven years.

McClure was most recently executive administrator for The Irrigation Association. Prior to that, she had been director of meetings for the Associated Landscape Contractors of America.

C. Reed Funk, Ph.D., was presented the annual Distinguished Service Award by **Clayton Yeutter**, U.S. Secretary of Agriculture during ceremonies in Washington, D.C. June 13. Dr. Funk, of the Rutgers University State Agricultural Experiment Station, received the award "for distinguished scientific achievements in turf breeding and outstanding contributions to the turf industry and the general public."

Stan Cichuniec and **Dorothy Borland** were honored by the Rocky Mountain Regional Turfgrass Association. Cichuniec, supervisor at Foothills Metro Recreation and Parks District, received the "Distinguished Service Award." Borland,

owner of The Turf Expert, was selected "Turfgrass Professional of the Year."

J. Landon Reeve IV of Chapel Valley Landscape has been presented a plaque for meritorious service to agriculture by Dr. Francis R. Gouin of the University of Maryland. A University of Maryland graduate, Reeve is a past president of three professional nursery and landscape contractor organizations. He is also an advisory board member for the Cer-



McClure



Funk



Borland



Huff

тифициated Professional Horticulturist program in Maryland.

Dr. David R. Huff has joined Rutgers University as a Post-Doctorate Fellow under Dr. Funk. The Michigan native will focus on the reproductive biology of Kentucky bluegrass and fine fescue identification. Huff earned his Ph.D. from the University of California/Davis.

Anne Langhenry has joined **LANDSCAPE MANAGEMENT** magazine as Central States Sales Manager. She was previously marketing and promotions manager for Yamica Corp., Exeter, N.H. Ms. Langhenry will be based in LM's Cleveland, Ohio, office.

W.R. Sauey, chairman of Columbia ParCar, was named "Master Entrepre-



Reeve



Langhenry

neur" in a competition sponsored by Ernst & Young, the accounting, tax and consulting firm. Judged by a panel of Wisconsin business persons, Sauey was one of four entrepreneurs honored.

Martha Lindauer has accepted a position with The Irrigation Association as director of communications with emphasis on the association's legislative program. She had been public relations coordinator for the landscape contractor's association. □

Corrections in Seed Pocket Guide

The seed generation and seed tag values chart appearing in the July "Pocket Guide to Turfseed" contained some inconsistencies:

- 1) The chart should have been labelled "Kentucky bluegrass seed generation and seed tag values," and;
- 2) The chart incorrectly

noted that 2.0% *Poa annua* seed is allowed in certified blue tag seed.

LANDSCAPE MANAGEMENT regrets the errors, which also appear in the source chart in "Turf Manager's Handbook" by Dr. W.H. Daniel and Dr. R.P. Freeborg of Purdue University. □