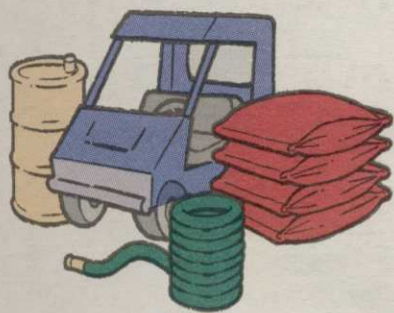


BRIEFS



**EMMONS JOINS JACKLIN**

Matthew Emmons has joined Jacklin Seed Company International Marketing Department at company headquarters in Post Falls, Idaho. Emmons made the move from Washington, D.C., where he was a senior legislative assistant to Congressman John Miller. At Jacklin, Emmons will work with the international market, specializing in export to EEC, Scandinavia and Eastern Europe.

**BANNIGAN NAMED VP AT HYUNDAI**

Edward V. Bannigan has been appointed vice president and division manager of Hyundai Golf Cars, U.S.A. The announcement was made by B.M. Ahn, president of Hyundai Steel Industries, Inc. Bannigan has been in the golf car business for 20 years. Most recently he served as vice president for EZ-GO, a division of Textron, Inc., in its western region.



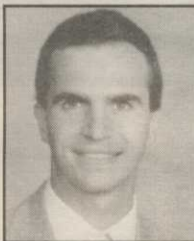
Edward Bannigan

**HARDING JOINS GREENSCAPE**

COPPELL, Texas — Greenscape Pump Services, Inc. announced that Allan Harding has joined the firm as director of service operations for the company's home office in Coppell. Hopkins is now responsible for directing all functions of the service department, including coordination of field service, customer service and technical sales.

**MYERS NEW GM AT MEDALIST**

ALBANY, Ore. — Medalist America Turfgrass recently announced three new additions to its staff. Rick Myers, a former turf/vegetable seed product manager for Agway, Inc., has been named general manager. Brandon Matthews, a former technical representative for Scott's Pro Turf Division, has joined Medalist America's national sales force. And Barry Larson has joined Medalist as a turf specialist.



Rick Myers

**SUTCH HIRED ON AT TD&D**

Turf Diagnostics & Design of Olathe, Kan., recently announced the hire of Jennifer Sutch, a soil scientist who will manage the Technical Operations laboratory. Prior to accepting her new post, Sutch served for eight years as research agronomist for the Okeelanta Sugar Corp., a producer of raw and refined sugar cane and molasses.

# Golf Asia '93 certified by U.S. Dept. of Commerce

WASHINGTON, D.C. — The United States Department of Commerce has granted Trade Fair Certification to Interport, Ltd. for a U.S. Pavilion at Golf Asia '93, to be held in Singapore, March 25-28, 1993.

*Golf Course News* is the official publication of Golf Asia '93.

In certifying this event, the Department of Commerce recognizes the capability and exhibition experience of the organizer and the potential of this market for U.S. industry exports. Commercial staff from the U.S. Department of Commerce in Singapore will be available to assist U.S. exhibitors during the event.

Product categories at Golf Asia '93 include golf course design and architecture, golf course maintenance equipment and supplies, golf equipment, accessories, apparel and fashion. U.S. firms seeking exhibit and event information should contact event organizer Charles D. Joy at Interport Ltd., 510 31st St., Suite G, Newport Beach, Calif., 92663; or call 714-673-3596.

Golf Asia '93 follows the highly successful Golf Asia '92 show, which attracted more than 220 key golf exhibitors from 20 countries. These firms have done or will do an estimated \$180 million in sales.

Next year's show offers even more opportunities for participating U.S. firms. The golf market in the Association of Southeast Asia Nations (ASEAN) region has reached \$7 billion. The ASEAN countries include

Singapore, Malaysia, Indonesia, the Philippines and Thailand.

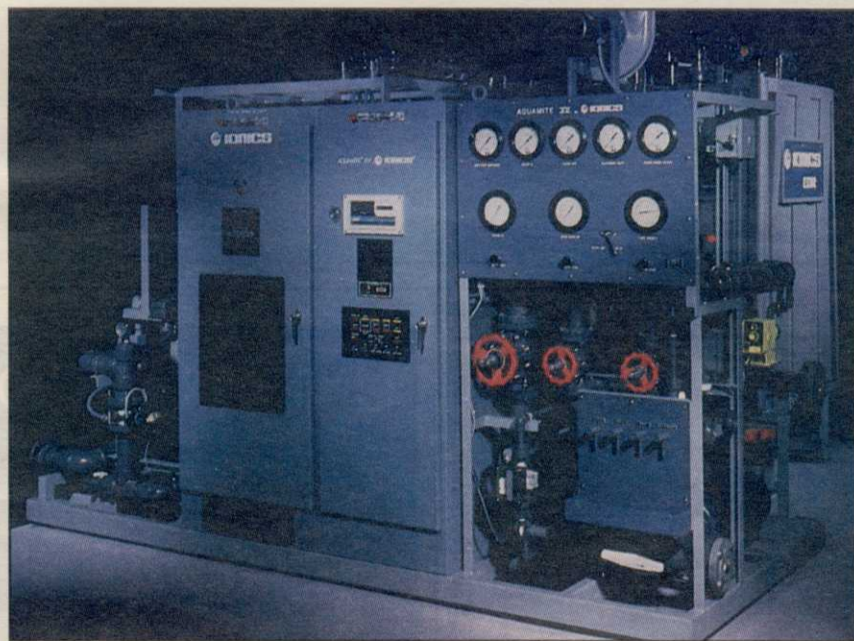
The growth trends in golf and resort development in the ASEAN region lead to a commensurate demand in golf equipment and accessories. The projected growth rate in the number of golfers in the ASEAN market will range from 20 to 30 percent annually. Golf Asia '93 was conceived to offer U.S. firms an opportunity to

Continued on next page

## Asia Pacific Golf Conference to be held at Golf Asia

SINGAPORE — The third annual Asia Pacific Golf Conference will be held at Golf Asia '93. This conference provides a platform for a broad spectrum of senior industry decision-makers who have a major role in the development of golf throughout the Asia/Pacific region.

Those who wish to submit papers for consideration are encouraged to do so by Oct. 31, 1992. Papers should be sent to Connex Private Limited, International Exhibition Division, 7500A Beach Road #7-308/9, The Plaza, Singapore, 0719; or call 65-296-6961.



**MARKETPLACE — FOCUS ON IRRIGATION**

This pump station is manufactured by Ionics, Inc. of Watertown, Mass. For details, see our special section on irrigation (pages 21-24). For more irrigation-related new products, see page 33.

## Lofts agrees to pay \$61,000 civil penalty

By HAL PHILLIPS

ALBANY, Ore. — The Oregon Department of Agriculture has imposed a \$61,000 civil penalty against Great Western Seed Co. of Albany — a wholly-owned subsidiary of Lofts Seed, Inc. — for misrepresenting the type of grass seed it sells.

The fine, part of a joint enforcement action with Oregon State University, is the largest in the history of Oregon's Agriculture Department. The company waived its right to a hearing on the fine and has agreed to pay the civil penalty, according to Dave Turner, assistant administrator for

the Department of Agriculture commodity inspection division.

Turner explained the investigation of Great Western began in April, after a sod grower filed a complaint with the OSU Seed Certification Program about the quality of some seed he purchased from Great Western. According to Turner, the company had been tagging seed bags as state-certified when, in fact, they were not certified. The amount of uncertified seed sold in the marketplace is unknown, he said.

Lofts has moved quickly to remedy the

Continued on page 32

PESTICIDES IN YOUR ENVIRONMENT



The new public relations brochure unveiled at the Annual Meeting.

## RISE meeting draws 150-plus

By HAL PHILLIPS

McLEAN, Va. — More than 150 representatives of the chemical industry gathered just outside the nation's capital in September for the second Annual Meeting of Responsible Industry for a Sound Environment (RISE).

The 155 attendees marked a 50-percent increase over last year, when RISE held its first annual meeting. This year's strong turnout indicates the trade association's growing commitment and clout, according to RISE Executive Director Allen James.

"Last year, being our first meeting, attendees were curious about what RISE could do and whether we'd be around very long," said James. "This year, it's clear we're going to be around and attendees showed a keen interest in where the organization is going."

Under the direction of RISE Chairman William Culpepper of DowElanco, the meeting program

Continued on next page

## Illinois Turfgrass show Nov. 30 to Dec. 2

ST. CHARLES, Ill. — The Illinois Turfgrass Foundation (ITF) will hold this year's North Central Turfgrass Exposition Nov. 30 through Dec. 2, at the Pheasant Run Resort here in St. Charles.

This year's conference and trade show sponsors include the Central Illinois Golf Course Superintendents Association, the Chicagoland Golf Course Mechanics Association, the Illinois Landscape Contractors Association, the Midwest Association of Golf Course Superintendents, the Northwest Illinois Golf Course Superintendents Association, the Sod Growers Association of Mid-America, the Sports Turf Managers Association (Midwest Chapter), and the USGA Green Section.

Educational sessions will be offered by each co-sponsor organization geared to each group's particular needs and issues.

To learn more about exhibiting or attending the North Central Turfgrass Exposition or ITF membership and activities, write 111 E. Wacker Dr., Suite 200, Chicago, Ill., 60601; or call 312-616-0800.



## Focus on Fungicides

The following products were not included in July's fungicide report.

Company	Product	Active ingredients	Formulation	Application rate (oz./1,000 sf)	Application interval (days)	Cost per 1,000 of application	Action	Toxicity (LD-50)	States not registered in	Market area
<b>DowElanco</b> 9002 Purdue Road Indianapolis, Ind. 46268-1189 Gary Johnson 800-352-67789 <b>Circle #201</b>	Rubigan	Fenarimol	L	0.75-1.5	10-28	\$1.40-2.82	C	Oral >2,500	None	Nat
	Broadway	Fenarimol (1) & chlorothalonil (2)	L	3.0-4.5	14-21	\$2.60-3.90	C & S	Oral >2,500 (1), >10,000 (2)	Calif	Nat
<b>Rohm &amp; Haas Co.</b> Independence Mall West Philadelphia, Pa. 19105 Robert Gordon 215-592-3292 <b>Circle #202</b>	FORE	Mancozeb	P	6-8	7-14	\$1.95	C	Oral >11,200, Dermal >15,000	None	Nat

**Formulation:**  
Powder (P)  
Liquid (L)

**Action:**  
Contact (C)  
Systemic (S)

## biosys pact

Continued from previous page

personnel at ADM's new bioproducts manufacturing facility in Decatur, Ill., to provide production technology expertise and management of the fermentation and downstream processes.

Palo Alto-based biosys mass produces its beneficial nematodes and insect-killing micro-organisms (that constitute the active ingredient in biosys' biological pesticide products) at ADM. Products that biosys can produce under the new agreement include biopesticides and other industrial fermentation products which are not competitive with ADM's own product lines.

## Great Western saddled with hefty fine

Continued from page 29

situation in Oregon. Company President Jon D. Loft has taken personal control of the Great Western office in Albany and a letter detailing the firm's position has been sent to all customers.

The letter states: "It is important that you realize that proprietary varietal seed certification has not been affected. The certification program for varieties like Palmer, Rebel II, Reliant, etc., takes place at the grower level, not at Great Western. The state and the grower work together to achieve certified status.

"We regret that these actions have taken place. The problem had been eliminated eight months prior to the state and the university's findings... We are working to regain our former stature. We hope to continue working with you in the future."

In addition to the fine, the state suspended Great Western's dealer's license for 30 days, a period which ended Sept. 17. The Agriculture Department also placed the business on probation for one year and revoked Great Western's OSU-certified warehouse status for two years.

The letter also addresses the two-year certification loss:

"The loss of certification status means that for two years we will not be able to produce certified mixtures or blends at Great Western.

"Arrangements have been made with approved warehouses to fulfill the needs of customers who require certified seed mixtures from Oregon. Certified mixtures under the interagency certification program are still available from New Jersey, Maryland and Ohio."

## THINK OF IT AS THE GOLF COURSE PROBLEM SOLVER

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## Reregistration

Continued from page 1

Scientists at chemical companies have also been asked for their suggestions. The EPA expects to issue a five-chapter, guideline-by-guideline analysis of its required procedures. The first chapter is due out this month, while the remaining four are expected next year.

The purpose of this analysis is four-fold:

- To provide pesticide registrants and laboratories with information on rejection factors to minimize their recurrence.

- To reassess the adequacy of EPA guidance.

- To determine appropriate regulatory response to future rejected studies.

- And to make any internal changes in the process, procedures or criteria deemed appropriate.

As each of the five chapters is completed, it will be mailed to all pesticide registrants — about 600 pesticide-data-producing laboratories — and interested parties in the international arena.

The clear goal of this agency-wide reassessment, according to Heier, is to improve the quality and acceptance rate of reregistration applications. The problems are widespread, he explained.

"These inadequacies are not concentrated in one area," said Heier. "Companies are making mistakes all over the place. When you've got a 30-percent rejection rate, you've got across-the-board problems."

Heier offered a few examples of application shortcomings. Here are the top three rejection factors in the area of residue studies: 1) Laboratory methods inadequately validated or described; 2) Insufficient geographic representation; 3) Lack of data regarding aerial sprinkler application.

Heier explained that once a single study is rejected, the application is also rejected. Of course, that particular study must be reconducted before the application is resubmitted.

"But that's not the worst part," said Heier. "That holds up the entire review process for that chemical. We almost have to start from scratch [when the application is resubmitted]. That's the single biggest factor in why the EPA process is so slow.

"That's why we're reviewing the process. That's why we've called in the industry and asked, 'What's wrong here? Why are we getting such a high rejection rate?'"

While Heier noted that every chemical firm has, at one time, been asked to repeat studies, most of the problems come with smaller companies that don't have the means for in-depth quality control.

He added EPA is concentrating on reregistration rejections, as opposed to new-product registration rejections. Reregistration has clearly been the top priority: Whereas companies request registration on 12 to 15 new products each year, the EPA must address more than 600 reregistration applications by 1997.