

health risks from the chemical.

Alachlor, a herbicide for use on crops and woody ornamentals, is produced by Monsanto under the trade name Lasso.

The EPA says that benefits from using the chemical, which has been shown to cause cancer in laboratory animals and possibly in humans, outweigh risks.

New EPA requirements stipulate that only certified workers can apply the chemical, and that the product must remain enclosed during mixing to reduce exposure.

The agency also lifted its ban on aerial spraying of alachlor under the condition that no ground workers remain in the area as "flaggers" to signal cropdusters.

Banning the chemical would have cost farmers between \$500 million and \$760 million in increased weed control costs and declining crop production.

Estimated sales of the chemical for 1986 are \$300 million, or a quarter of Monsanto's agricultural chemical sales.

Concern still exists over the presence of alachlor in public drinking water. The EPA is expected to propose a maximum contaminant level for the

chemical under the Safe Drinking Water Act. The agency estimates that residues from alachlor use could cause cancer in two persons out of a million.

INDUSTRY

Ford reorganizes tractor operations division

With the new year, Ford Motor Company moved to restructure Ford Tractor Operations and New Holland, Inc., into a worldwide unified operation. Coinciding with the restructuring, the company reorganized the tractor operations from a Ford division to a subsidiary, Ford New Holland, Inc., to be run by Robert F. Moglia.

According to the company, the move represents an attempt by Ford to broaden its role in the competitive agriculture and industrial equipment industry.

Three major product components will comprise the new organization: Tractor Operations (FTO), New Holland and Diesel Engine Operations. Tractor Operations produces a variety of agricultural and industrial tractors.

New Holland makes harvesting

and haying machinery, along with industrial equipment. Diesel Operations manufactures engines for New Holland machinery, Ford trucks and a number of other manufacturers.

Tractor and diesel operations will be headquartered in Troy, Mich., in the present FTO facilities, while corporate world headquarters will be consolidated in New Holland, Pa., later this year. The parts depot and branch sales office will remain in Troy.

Sales and marketing of Tractor Operations and New Holland will be based in New Holland.

RESEARCH

Nematodes can determine toxicity of chemicals

Nematodes seem to be developing a Jeckyl and Hyde complex lately. The tiny round critters, best known for their relentless attacks on agricultural crops, have a good side, too, researchers have found.

In addition to their recently discovered appetite for grubs, nematodes may also be useful in determining the toxicity of hazardous chemicals.

A Georgia Tech University research project found that reactions of nematodes and rodents were remarkably similar when exposed to eight different metals. The results led the researchers, doctoral student Phil Williams and his advisor, Dr. David Dusenbery, to believe that nematode tests could reduce the necessity for more expensive rodent tests in the future.

Many questions remain unanswered. As a result, the two have applied for a federal grant to study possible differences in tolerance levels between rodents and nematodes, along with other possible variables.

Preliminary research was conducted through a grant from the National Institute of Occupational Safety and Health.

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New formulation reduces neighbor complaints.

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DURSBAN Turf Insecticide now contains a more highly purified grade of chlorpyrifos, its active ingredient. And minimizing the impurities has significantly reduced the odor.

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DURSBAN insecticide's first label was for turf applications, indicative of Dow's continuing commitment to the lawn care industry. And DURSBAN has earned the industry's respect for its broad spectrum effectiveness, residual control and cost efficiency... which all add up to today's best insecticide value.

New DURSBAN Turf Insecticide is available in 2.5 gallon plastic jugs and 55 gallon drums. If you prefer a wettable powder, you can get the same advantages in DURSBAN 50W, now offered in water soluble packets for the easiest, quickest mixing and measuring ever. Whichever you choose, you'll get fewer complaints—from neighbors, or applicators. Get the full story from your chemical distributor today.



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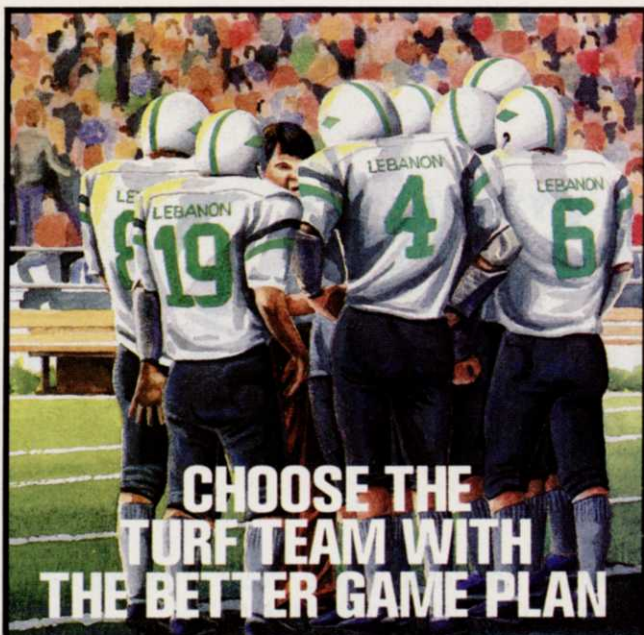


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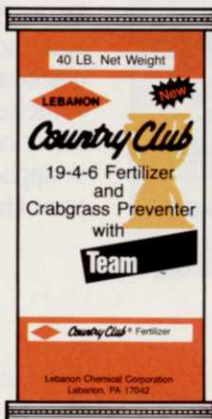
Lebanon premium fertilizers with Team™ have the defensive strength of benfen and trifluralin, yet they're gentle on your turf. The combination of these proven herbicides kills the seeds of annual bluegrass, smooth and hairy crabgrass, goosegrass, as well as green and yellow foxtail—as they germinate. And our premium quality fertilizers strengthen Northern or Southern turfgrasses.

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Together, one application of **Lebanon** fertilizer with Team™ will give you a winning season against crabgrass and other annual weeds.

For more information on **Lebanon** premium fertilizers with Team™, call our **Greenline** today at 1-800-233-0628, in Pennsylvania, call 717-273-1687. And start getting help with your game plan against crabgrass and goosegrass . . . from the ground up.



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Team™ and Diagonal Color Bar are the registered trademarks for Elanco Products Company's combination of benfen and trifluralin.

Since nematodes live in a number of habitats, they may be useful in determining contamination both on land and in water. Because they are easier to grow and control, nematode testing is also easier and less expensive to conduct than those using fish and insects.

While Williams says the nematodes would not be used to replace rodents completely, they "can be useful in streamlining the testing process."

PEOPLE

**GCSAA associate director
embarking on new course**

James G. Prusa, GCSAA associate executive director and director of education, will leave his post to concentrate full time on an independent business venture this year. Prusa planned his departure for the beginning of this month, shortly after the completion of the Phoenix show.



James Prusa



Bob Coyner



Bob Earl

Nelson Colvin has been elected 1987 president of the California Landscape Contractors Association. Colvin is vice president of California Landscape, Inc., Canoga Park, Calif.

Lesco has named **Bob Coyner** product manager for spreaders and sprayers. The company has named **Bob Earl** director of stores for Lesco Service Centers.



Darcy Loscutt



Tom Stanley



Tom Rivers

Jay Glatt, of Turf-Seed, Hubbard, Ore., has retired as vice president and general manager, which he held for eight years, to concentrate on his filbert farm. **Darcy Loscutt** takes over as general manager. **Tom Stanley** was appointed sales manager, which includes advertising.

Rain Bird Sales, has appointed **Tom Rivers** Northeast second Mid-Atlantic district manager for the Turf Division. Also, **Keith Shepersky** has been appointed product

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Keith Shepersky



Steve Ramig



Ralph Nicotera

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Find out how you can run circles around the competition.



The new Vanguard front-mowing, rear-steering riding mower is just the latest reason a Deutz-Allis dealership could be the edge you need in today's lawn and garden market.

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products line ranging from 8 to 20 hp includes many other exciting and popular models like the "Ultima" garden tractors.

So no matter what the competition does, you've got them surrounded with a complete line of rugged, top quality equipment, very competitively priced to bring you top profit margins.

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ger for the turf division. He will act as liaison between marketing and engineering groups concerning new product development.

Jacobsen Division of Textron announces the appointments of **Steve Ramig** and **Ralph Nicotera** as national sales managers for commercial products and turf products, respectively. Ramig has been with Jacobsen since 1977, Nicotera since 1974.



Bud Camp



Patrick Harrigan



Douglas Brede

Bud Camp has been named senior sales representative for the Midwest division of **Lebanon Chemical**. Lebanon also announced the following staff changes: **J. Mark Nuzum** was promoted to manager/agronomist of Lebanon's Tidewater Agricorp subsidiary. **Kevin C. Hoffman** was named market development coordinator at Lebanon's headquarters. **Timothy C. Layman** was named sales representative for Lebanon's Division 34.

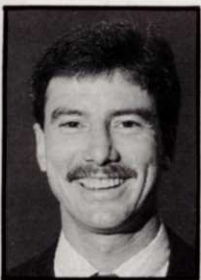
Patrick A. Harrigan has joined Outdoor Equipment Co. as sales representative for turf products. He will be responsible for central Illinois and northern Missouri.

Wayne Ennen, international sales manager for Chevron Chemical, was elected chairman of the Western Agricultural Chemicals Association Board of Directors. **Ken Smith**, district sales manager for the Wilbur-Ellis Co., was elected vice-chairman, and **Jack Leach**, assistant regional sales manager for Stauffer Chemical Co., was elected secretary.

Jacklin Seed Co. has named **Dr. Douglas Brede** research director. Brede had been an associate professor of turfgrass management at Oklahoma State University prior to joining Jacklin.



Jay Inglis



Joe Silva



Robert Martin

Fermenta Plant Protection announces the following staff changes: **J.N. Butler** has been named Southern area sales manager. **Joseph A. Ignatoski** was appointed Northern area sales manager. **George N. Chism** has been appointed Western area manager.

W. Donald Sifton has been named divisional project manager for Assert and AC 263,499 (Pursuit) herbicides for Cyanamid International Agricultural Division. Sifton joined the company in 1978.

Hunter Industries has named **Jay Inglis** technical services manager. The company also appointed two southern California sales representatives. **Joe Silva** will be regional manager for Los Angeles, Orange, Kern and Ventura

continued on page 28



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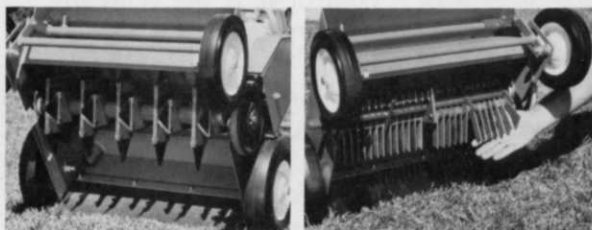
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Call your distributor today for a BlueBird catalog. Take advantage of the whole BlueBird line — all **professional** models because they're the **best built** power rakes in the industry. For the name of your distributor call the BlueBird Action Center, 2778 South Tejon, Englewood, Colorado 80110. Phone (303) 781-4458. Today!



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counties; and **Robert Martin** will be sales and marketing representative for those same counties.

Bob Brophy has been appointed to the new position of manager, lawn care product sales for OMC Lincoln. He has been with the company for 11 years.

Dr. Paul Tilford executive secretary of the National Arborists Association from 1940 to 1965, passed away last December. The Tilford family requests donations be made in his memory to the Paul Tilford National Arborists Foundation, 174 Route 101, Bedford, NH 03102.



Bob Brophy

STADIUMS

New Dolphin Stadium to get Prescription Athletic Turf system

Southern Turf Nurseries, Norcross, Ga., has been contracted to install the P.A.T. (Prescription Athletic Turf) system in the new Dolphin Stadium in Miami. The stadium will be ready when the 1987 season opens in August.

The P.A.T. surface is the same as that used in the Orange Bowl, the Dolphins' former home stadium. The National Football League team decided to move to the new stadium, however, because the Orange Bowl lacked sufficient parking, concession areas and restrooms.

The P.A.T. system offers safety and provides for removal, conservation and addition of water. Pumps attached to drain lines will draw excess water away from the playing surface. The irrigation system has sensing controls which automatically add surface or subsurface water with high energy efficiency.

INDUSTRY

Environmental Industries adds company to maintenance division

Environmental Industries, Inc., will add Botanical Concepts to the Interiorscape division of Environmental Care, Inc., the parent company's maintenance division.

Botanical Concepts, based in Colorado Springs, does interior landscape contracting, including design, installation and long-term maintenance for a variety of facilities. Botanical's founder, Debbie R. Drury, will continue in a management role.

According to Bruce Wilson, president of Environmental Care, the addition will enable the division to increase its market share of the interior landscape business in the Colorado Springs area.

Environmental Care also provides exterior landscape maintenance and mature tree care services. Other divisions in the parent company operate landscape construction and tree growing services.

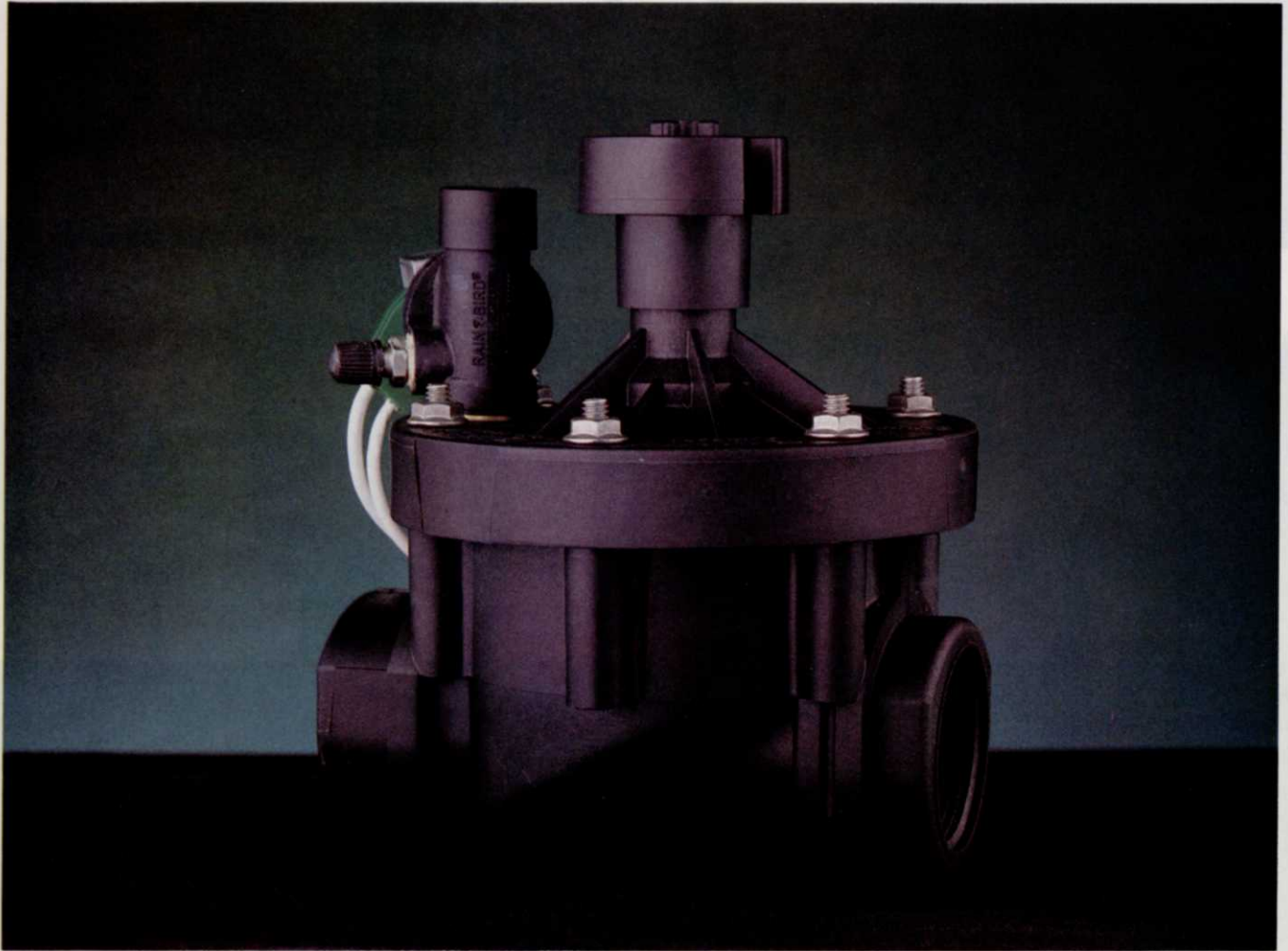
INDUSTRY

Changes in geotextile industry for Du Pont and Nicolon

The Du Pont Company has completed the sale of its worldwide business for "Reemay" spunbonded polyester and the United States-based business for "Tyrar" spunbonded polypropylene to the InterTech Group affiliate Reemay, Inc.

continued on page 32

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