

**RUTGERS' LUND RESIGNS**

Daryl B. Lund, executive dean at Rutgers University's Cook College, has resigned, effective in August, to accept a position at Cornell's state College of Agriculture and Life Sciences in New York. Lund, from Wisconsin, played a large role in analyzing New Jersey's farming industry, chairing a committee that issued a long and detailed report this past winter. He was also a strong supporter of the Center for Interdisciplinary Studies in Turfgrass Science (CISTS). He was named associate director of the state's agricultural experiment station and chairman of the food science department in 1988.

**Six earn environmental certifications**

Donald F. Ewoldt Jr. is the first superintendent to earn certificates in two Golf Course Superintendents Association of America Environmental Management Program specializations at the same time. He completed course work for the Integrated Plant Management and the Underground Storage Tank specializations at the San Francisco Conference and Show.

Ewoldt is director of grounds/superintendent at Sand Creek Country Club, Chesterton, Ind. Members from Arizona, Florida and Ohio also completed the IPM specialization. They are J. Mark Black, assistant vice president of club operations at Bonita Bay Club, Bonita Springs, Fla.;

Ronald D. Powell, superintendent at Pinetop (Ariz.) Country Club; and Robert A. Radachi, superintendent of grounds at Stone Oak Country Club, Holland, Ohio.

Individuals who had completed one or more of the six EMP specializations by Feb. 1, 1995, received a special designation in their listing in the 1995 Who's Who in Golf Course Management membership directory.

To learn more about GCSAA's Environmental Management Program, see pages 13-14 of your 1994-95 GCSAA Professional Development Catalog, or call Technician Training Coordinator Lynn Paul at 913-832-4475.

**EPA report upbeat**

*Continued from page 13*

benefit the environment."

Among the report highlights:

- Air quality — The statewide average concentration of the criteria pollutants carbon monoxide and ozone have both decreased by 20 percent since 1982.

- Pesticides — Field worker illnesses related to pesticide exposure have dropped dramatically from 111 in 1987 to 12 in 1993.

- Hazardous waste — The volume of federal hazardous waste has decreased almost 40 percent since 1984.

- Solid waste — The Integrated Waste Management Board will attain its 1995 goal to reduce waste entering landfills by 25 percent this year.

- Water — The number of leaking USTs reported has decreased from 4,000 in 1990 to 1,000 in 1993, while the number of leaking tanks being cleaned up has increased from 2,500 in 1990 to more than 6,000 in 1994.

"Superintendents are doing a great job reducing water usage," said Peter Bowman, Merced Hills Golf Club superintendent and Calif. GCSA president.

"Manufacturers have responded to environmental concerns. You can't buy a new gas rental cart for a course after January 1 [which will reduce emissions]. Many courses have pulled out leaking USTs and are replacing them with above-ground tanks. Several courses have their own composting programs, which keeps clippings and debris out of landfills. And we've reduced pesticide usage dramatically by going to curative rather than preventive programs."

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Pesticides were detected in 1.3 percent of 2,839 California monitoring wells, according to the state Department of Pesticide Regulation's (DPR) 1994 annual report on ground water testing for pesticides. Routine agricultural use was the reported source.

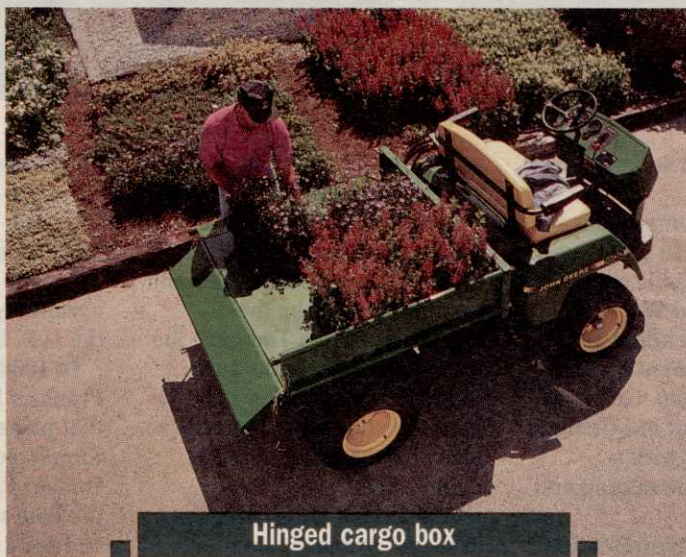
Researchers detected five herbicides and one herbicide breakdown product. They included atrazine, bromacil, diuron, prometon, simazine and deisopropyl-atrazine (the breakdown product). All were found in previous years.

DPR first attempts to verify detection by analyzing new samples from positive wells. Nearby wells are also tested. If contamination levels are unsafe, the state may take corrective action. Past actions have included revocation of permits to use pesticides, modification of use practices to prevent ground water contamination, or suspension of a chemical's registration in California.

The report summarizes 44 well-sampling surveys submitted between July 1993, through June 1994. The wells were located in 50 of the state's 58 counties. Pesticides were found in Colusa, San Joaquin, Solano, Yolo, Merced, Fresno, Glenn, Los Angeles, Riverside and Tulare counties.



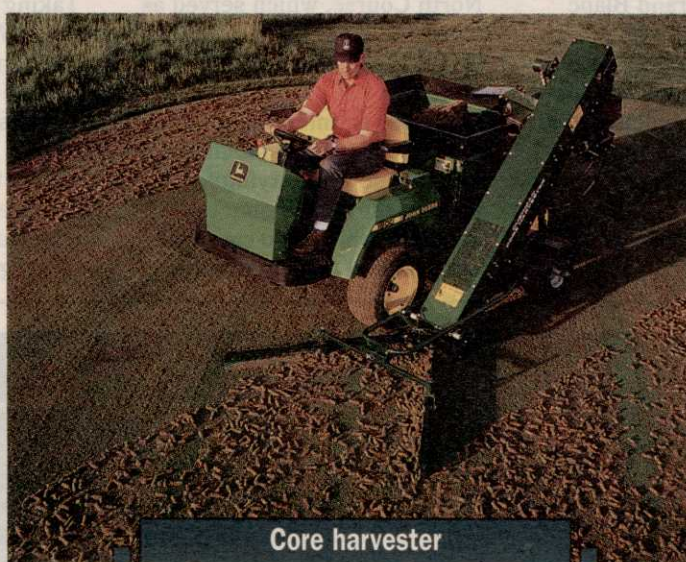
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