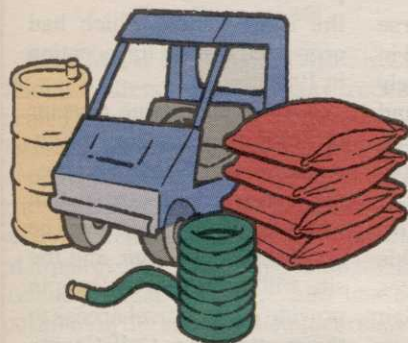


BRIEFS



TERRA BUYS OUT BI-STATE

CHAMPAIGN, Ill. — Terra International has announced the acquisition of Bi-State Turf, Inc. of Danville, Ill. Former Bi-State customers can expect to maintain their current business relationship with Terra. The previous owner of Bi-State, Larry Pfeleiderer, has joined Terra as turf sales manager in the Illinois region. Also remaining on staff are Pam Pfeleiderer as inside sales/secretary, and Jim Ellis as salesman in the region. The Bi-State Turf headquarters has been moved to Terra's Champaign, Ill., location.

COLORADO ST. HONORS SMITH

FORT COLLINS, Colo. — Stephen Smith, president of Aqua Engineering, Inc., has been granted the Individual Achievement Award by Colorado State University. Smith was honored for pioneering the development and application of advanced technology for landscape irrigation, and for bringing the strong technical skills of engineers into the irrigation industry. Aqua Engineering, founded by Smith in 1975, specializes in irrigation design, as well as water feature and pump mechanical design.



Steven Smith

KLINGENBERG JOINS FMC

PHOENIX — Jeffrey P. Klingenberg, Ph.D., has joined Farmers Marketing Corporation as a research geneticist. Klingenberg has been very active in buffalograss research and development, as well as assisting with breeding, management and environmental impact research of other turfgrass specialties, including bermudagrass, Kentucky bluegrass, tall fescue, bentgrass, zoysiagrass and blue gramagrass. In addition, he has extensive experience with production and field research in small grains.

WOOD THE NEW VP AT AGRIDYNE

SALT LAKE CITY — AgriDyne Technologies Inc. has announced the promotion of Dr. Timothy E. Wood to vice president of research and development, replacing Dr. Dale Hansen. In his new position, Wood will assume full responsibility for the development, manufacture and testing of innovative, environmentally compatible crop protection products. A former director of R&D for AgriDyne, Wood managed the biological testing program for the firm's nematode-based bioinsecticides, Azatin and Turplex.

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Victory for pre-emption efforts in Minnesota

By HAL PHILLIPS

MINNEAPOLIS — Golf industry forces won another important victory when a Minnesota court ruling prohibited a community from placing its own regulations on aerial pesticide application, a process already regulated by the state Department of Agriculture.

The Township of Mantrap had passed a zoning ordinance placing all manner of restrictions on the aerial spraying of pesticides. The Mantrap decision was challenged in court by the Minnesota Agricultural Aircraft Association (MAAA).

The Mantrap ordinance was found to be in conflict with Minnesota Statute #18B that regulates pesticides, including their application. On Oct. 16, 1992, District Court Judge Michael Haas sided with the MAAA and slapped a permanent restraining order on any enforcement of the Mantrap ordinance.

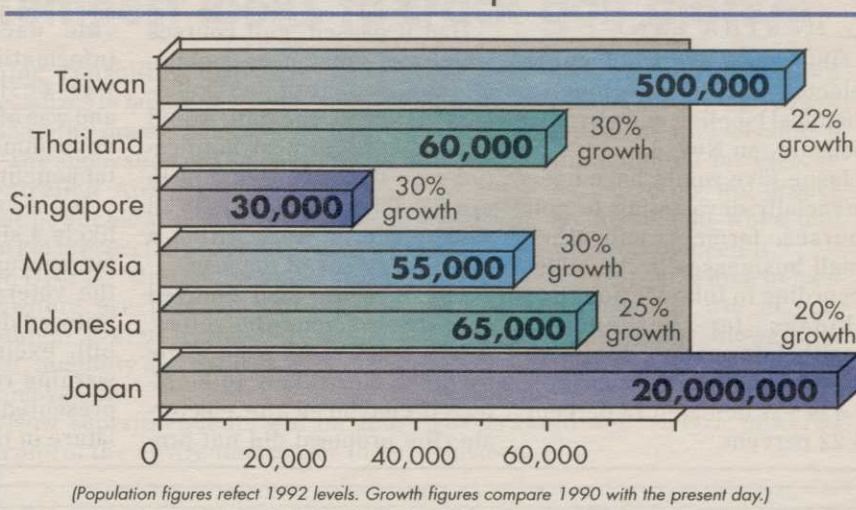
The Minnesota Legislature had already enacted a state pre-emption clause (MSA #188.02) which forbids townships from passing ordinances contrary to statewide statutes. The Mantrap decision further backed up the pre-emption process.

The golf industry should be well pleased with the Mantrap decision, even though aerial spraying is hardly a common practice on fairways and greens. Through Responsible Industry for a Sound Environment (RISE), the chemical industry has lobbied hard for a national pre-emption statute that would uphold the authority of all findings issued by the federal Environmental Protection Agency. The growing number of states, like Minnesota, which have passed their own pre-emption clauses only helps the effort.

"Basically, the ruling confirms that the Minnesota state pre-emption statute clearly pre-empts any local pesticide statute," stated Allen James, RISE executive director. "As importantly... the judge states

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Asian Golf Population



Golf Asia '93: Making the Pacific connections

By HAL PHILLIPS

SINGAPORE — Stephen Allen acknowledges he didn't coin the phrase, but he still likes the sound of it: "Eastern efficiency, Western flexibility." Allen believes these four words aptly describe Golf Asia 1993, the international golf trade show and conference scheduled here for late March.

The third Asia Pacific Golf Conference will be held at the Pan Pacific Hotel March 23-25, while the International Golf Exhibition and Trade Show is slated for March 25-28 at the World Trade Center.

"Asia-Pacific is going to be a big market," says Allen, vice president of Connex Private Ltd., the Chinese firm which has staged Golf Asia since its inception three years ago. "You have to put things in perspective: It's a new market. But it's awakening.

"You have to understand: In relation to golf course development, Southeast Asia is still in its infancy; Japan is a full-grown adolescent; and America is past middle age.

"The companies that are going to clean



Stephen Allen

up in this region are those that get in early, perhaps with a joint venture, which is the only way to go about it at this point. The companies that do not have a presence in this region will find themselves behind the eight-ball. You need a partner and that partner needs to be Asian."

Just before Christmas, Allen reported the trade show floor was 70 percent full — as opposed to an 82 percent figure at the same time last year. Allen attributed the relative slowdown to a combination of factors: the worldwide slump; a reality check in Japanese financial circles; and the presence of new competition, the Golf Course Superintendents Association of America's (GCSAA) Pacific Rim show.

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Jacobsen and Toro dive into retro-fit greens roller market

By MARK LESLIE

Greens rollers that attach to triplex mowers — a simple innovation that makes the job faster and easier — are being manufactured by Jacobsen and Toro.

Having raced to a winter-time unveiling, Jacobsen is selling its QuickRoll and Toro peddling its Tri-Roller, both of which are attachable to the companies' triplex mowers.

Toro has not released specifics on its Tri-Roller, but Jacobsen says its QuickRoll rollers are 24 inches long, six inches in diameter and mount on ball bearings in a weighted frame. Total rolling width is 64 inches, which means "you can roll 18 average-sized greens in less than three hours."

Bill Kinzer, Jacobsen product manager, said 15 to 20 superintendents field-tested his unit last year and feedback was "all positive. It's quicker, no operator training is involved, and the results were virtually the same" as smaller rollers, he said.

Frank Dobie, a superintendent in Cleveland who has invented his own similar unit, said development of a 60-inch-wide roller attachment for triplex mowers has several advantages



The new Quick Roll from Jacobsen

over the traditional 36- to 42-inch walk-behind rollers.

"If someone is mowing by hand, that [width difference] might not make much difference," Dobie said. "But if they're cutting with a triplex, it's much faster. It costs one-third the [\$7,500] price of a 36-inch unit, and that makes [your choices] really interesting..."

"Also, walk-behinds don't transport from green to green. They have to be loaded on a trailer."

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Greens rollers

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Clubs that hand mow could use an old triplex and convert it to a roller. Instead of retiring a triplex mower, a club now can attach a roller to it. Many of these clubs do use triplex mowers in the spring and fall when they're short on help.

Further, Kinzer pointed out the advantage that the QuickRoll is not a dedicated machine.

"A roller has one function," he said. "But you don't need it daily, or perhaps even weekly. If you have a dedicated machine, it's expensive. But everyone has a greens mower. And here's a kit you can use to switch from a greens mower to a roller."

The QuickRoll assembly can be installed in about 30 minutes, is adjustable from 90 to about 120 pounds, and applies four to five pounds of force per inch of roller length, according to Jacobsen's fact sheet. The cost: \$2,200. Kinzer said the equipment was available eight years ago but there was no interest in it.

"Superintendents were content with what they had," he said. "Since then, everyone's become more conscious of ball speed. With that evolution, this came back to the surface."

Dobie called greens rolling "another tool like a verticut or groomer. I see our application as being for tournaments, or events where you want the speed a little faster than normal. But it has advantages in other ways, too. This morning we rolled instead of mowed because we had very little growth overnight."

"Another application comes after top dressing greens. The first couple of days afterwards, the sand tears the mowers up and, since the blades get dull, you're not doing a very good job of cutting anyway. Instead of mowing the next two days, we roll. In theory it sounds good. It makes the mechanic very happy."

Kinzer said one superintendent used the QuickRoll after overseeding his greens, rolling diagonally to the seeding pattern, and "it worked beautifully."

Dobie believes superintendents will do a lot of experimentation with rolling. "I don't know if anyone is going to get on a full-time rolling program," he said. "The easier and faster it is, the more people will use it."

Scotts proceeds with \$14.7m expansion

MARYSVILLE, Ohio — The O.M. Scott & Sons Company recently held a ribbon-cutting ceremony for its new Bulk Blend facility.

On hand for the two-hour celebration were Gerald Eyerman, supervisor of the Bulk Blend plant, SREF and receiving; Mike Kelty, VP of research and development; Ron Wietelmann, director of manufacturing; and Ted Host, president and CEO.

Completion of this facility, in late August, was the first of a three-part expansion process for the

company. Construction of a new polymer encapsulation plant and conversion of an existing facility to a new, methylene urea granulation technology will be finished in the fall of 1993.

A \$14.7 million capital investment, this expansion is the largest in the company's history.

"This is a major investment in terms of satisfying our customers' needs for highly advanced products and excellent customer service," said Dick Stahl, vice president and general manager of the Professional Business Group.

Shampeny goes from Toro to Bunton

LOUISVILLE, Ky. — The Bunton Co. has hired Gary Shampeny, an eight-year veteran of competitor Toro, as the new vice president for sales and marketing.

Shampeny, most recently golf operations manager for Toro, was a golf course superintendent in Bozeman, Mont.

"Gary has the perfect back-



Gary Shampeny

ground to provide the leadership Bunton needs in new product development and customer service for both turf and golf," said Larry O'Connell, chairman and chief executive officer.

Shampeny is a Vermont native and Montana State University graduate.

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