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## 1995 Sports Turf Managers Association Conference & Exhibition February 4-8, 1995 Pirate City, Bradenton, Florida

Make plans now to learn and review the essentials of sports turf management in the heart of baseball spring training country. Pirate City and McKechnie Field, winner of the 1993 Baseball Diamond of the Year Award, are located just south of Tampa/St. Petersburg.

What better place to launch a tour of premier amateur, professional, and municipal sports turf facilities? Besides the Seminar on Wheels, the conference features seminars on the diamonds at Pirate City, an exhibition of equipment and supplies, including demonstrations, and plenty of opportunity to ask fellow sports turf managers for their solutions to your most challenging problems.

The annual meeting is also your opportunity to get involved in the Sports Turf Managers Association, the only organization of its kind in the U.S. Representatives from all STMA regional chapters will be there to help you start a chapter in your own area.

While you're in Florida, don't miss the beaches, golf and wealth of theme parks and movie studios.

Start 1995 off right with the STMA Conference & Exhibition in Bradenton! Watch for more details in the coming months.

SPORTS TURF MANAGERS ASSOCIATION 401 North Michigan Avenue • Chicago, Illinois 60611 (312) 644-6610



## PROGRAM



THE OFFICIAL PUBLICATION OF THE SPORTS TURF MANAGERS ASSOCIATION

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AUGUST 1994

#### MAIN EVENTS

#### 10 STMA Soccer Field of the Year: University of Wisconsin, River Falls

Despite a tight budget, groundskeeper Tom Foley utilized his experience with the Chicago Bears and Kansas City Chiefs to turn a bumpy intramural field into a regulation-size, top quality soccer field for the University's new NCAA women's team.

#### 14 Are You Improving Drainage or Just Burying Your Money?

Soils expert Chuck Dixon explains that incorporating sand or digging trenches in a poorly draining field could be a waste of money. Don't cover up your French drains with soil, he says. Let sand on the surface direct water to the trenches for removal.

#### 17 Portable Pumps Work in a Pinch

If rain is a common occurrence in your area, a portable pump would be a wise investment. Puddles can be eliminated in minutes with the pumps to enable the game to go on.

#### 19 Field Covers, The Foul Weather Player

You can protect your field from rain, snow and concert crowds with an assortment of field covers. You can also speed up germination and turf establishment.

#### 23 Playability Equals Profits

Teams pay to play at Cal State in Fullerton, so mistakes in design or maintenance can spell financial disaster. Merton Johnson, landscape manager, justified the cost of installing improved drainage by satisfying professional and World Cup Soccer clubs.

#### 25 First Industry Survey Establishes Benchmarks

Results from a survey of 2,000 sports turf managers reveal the similarities and differences among types of facilities. The joint STMA/sportsTURF project is the first in history.

#### LINE-UP

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#### On The Cover:

The now-famous circular mowing pattern creating by Eric Adkins at Chicago Soldier Field during World Cup '94. Photo courtesy: Jacobsen Div./Textron.

## Topdresser Store

- Turf-Topper The first of its kind 12 years ago. Still the best. It's been copied but never equalled in accuracy and uniformity of material placement. Nor in speed, stability, safety, easy maintenance and operator convenience. Capacity 4.1 cu. yd.
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- 4. Turf-Topper-Plus This is the original (No. 1) equipped with a dispensing brush to handle heavy, organic matter including grass clippings.
- 5. Sport-Topper NEW medium size hydraulic. Spreading width 58". Extremely accurate, especially with sand. Pussyfoot treadless tires maintain surface pressure of 8-10 psi.

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## THE FRONT OFFICE

#### **OPINION PAGE**

#### \$800 Million and Counting



Ten years ago, the concept of a magazine for sports turf managers started to take form. The Sports Turf Managers Association was a couple of years old and operated by Kent Kurtz out of a small room in his garage. A bunch of us, mainly the more famous groundskeepers in football and baseball, got together every chance we could at turf shows around the country. The

Midwest Turf Show was our favorite.

We felt overshadowed by the golf and lawn care industries. Our greatest reward was being on the best stadium fields in the country along with star players. Still, my pals wanted the recognition they deserved for making professional and amateur sports safe and on schedule. Unfortunately, we lacked the numbers to gain the attention of manufacturers.

Until this month, there has not been reliable data on the non-golf segment of the sports turf industry. The first-ever stab at documenting our size appears in this issue beginning on page 25. Have a look and send me your thoughts. It is absolutely critical to polish these numbers to the point that no company can dispute this industry's importance. Eight hundred million dollars should wake up a lot of people!

I admit, this important information was too long in coming. A lot of great people never got the recognition they deserved. Perhaps the most overlooked are the dedicated groundskeepers at schools, colleges and universities, and parks. They don't get autographs from million dollar players for their kids. Unless of course, one of the kids who used to play on their fields made the big time.

Unfortunately, we still get together only at golf and turf shows. But that can change too. Think about coming to Bradenton, FL, next winter for your own show. The only golf you'll have to discuss is your own round as you play.

Finally, let me just say that Matt Trulio is one of the finest journalists in this country. I miss his contributions already. He is still going to write now and then. The travel agents of the country are now benefitting from his penmanship and creativity.

Bree F. Shork

### CALENDAR

**EVENTS** 

#### AUGUST

16 Wisconsin Turfgrass Field Day at the O.J. Noer Turfgrass Research and Education Facility, Madison, WI. Sponsored by the University of Wisconsin-Extension and the Wisconsin Turfgrass Association. Contact: Dr. Frank Rossi, (608) 262-1490.

#### SEPTEMBER

**13-14** Annual Turfgrass & Landscape Research Conference and Field Days. University of California, Riverside. Contact Cindi McKernan, UC Riverside: (909) 787-3423.

18-21 Florida Turfgrass Conference. Ft. Lauderdale, FL. Contact: (407) 898-6721.

26-29 Northwest Turfgrass Conference, Salishan Resort in Gleneden Beach, OR. Contact Northwest Turfgrass Association, (206) 754-0825.

#### OCTOBER

5-6 Southern California Turfgrass Expo. Orange County Fairgrounds, Costa Mesa, CA. Contact: (619) 723-0947.

#### NOVEMBER

**6-9** International Irrigation Exposition. Atlanta, GA. Contact: the Irrigation Association (703) 573-3551.

**13-19** Ninth Annual Pacific Southwest Maintenance Management School. UCLA Conference Center, Lake Arrowhead, CA. Fee is \$610 and includes instruction, course materials, reference notebook, all meals and housing for the full five-day program. For information, call (800) 796-NRPA.

#### DECEMBER

5-7 Texas Turfgrass Association Conference and Show. Fort Worth, TX. Contact Shirley Duble at (409) 693-1656.

Send announcements on your events two months in advance to: Editor, sportsTURF magazine, 68-860 Perez Road, Suite J, Cathedral City, CA, 92234. Fax (619) 770-8019.

#### **Colorado State Awarded Research Grant**



CSU Faculty, left to right: Dr. Harrison Hughes, professor of horticulture; Kreg Renzelman, Foundation Director; Dr. Dennis Lamm, asst. director of Cooperative Extension for Agriculture and Natural Resources; Dr, Tony Koski, assistant professor; John Collier, Foundation president; Dr. Robin Cuany, professor emeritus, agronomy; and Dr. Charles Laughlin, experiment station director.

The Rocky Mountain Turfgrass Research Foundation presented Colorado State University a check for \$25,400 for turfgrass research to be conducted at the university. The Turfgrass Foundation has made research grants in excess of

#### Inventor Honored for Spreader Check



Jr. was awarded the "Innovator of the Year" award by the Northeast Weed Science Society for developing and patenting the PennPro Collector, the first device to make spreader

calibration easy and

George Hamilton

George Hamilton Jr. accurate.

Hamilton is an instructor of turfgrass science at Penn State University, and joined the Agronomy Department in 1982. Prior to this he worked at a variety of turf-related positions for several golf courses and for a lawn-care company. It was during this time that Hamilton became aware of the importance of spreader calibration. At that time there was no easy way to accurately calibrate rotary spreaders used for distributing fertilizers, seed and granular pesticides. He spent three years developing and testing the piece

of equipment before receiving his patent.

\$125,000 to CSU during the last five years.

The areas of study relate primarily to the arid high-altitude conditions of the Rocky Mountain Region. In addition to the research grants, the Foundation provides annual scholarships to turfgrass students.

#### Thompson Named to NABC All-American Team

George Thompson III, director of communications for Briggs & Stratton of Milwaukee, was recently named to the 1994 Balfour Silver Anniversary All-American Basketball Team.

The team is selected by the National Association of Basketball Coaches for their athletic talent and outstanding career achievements. Thompson joins other greats from the Class of 1969: Kareem Abdul-Jabbar, James Cash, Mike Krzyzewski and Jo Jo White.

Thompson still holds Marquette University's record for most points scored—1,773. He is also a member of the Marquette Hall of Fame. He played professional basketball for Memphis and Pittsburgh in the American Basketball Association, and completed his career with the Milwaukee Bucks in the National Basketball Association. Thompson has been associated with Briggs & Stratton, manufacturer of outdoor power equipment, since 1977.

#### Bio Grounds Keeper, Sustane Merger Completed

Bio Grounds Keeper Inc. of Bloomington, MN and Sustane Corporation of Cannon Falls, MN, have completed their merger. The new company is known as Sustane Corporation and is based in Bloomington.

Sustane is one of the largest producers of organic and biological products for lawn, garden, turf and agricultural industries.

"Sustane Corporation now has one of the strongest distribution chains of any company in the commercial turf industry because of its combined product line, sales force and marketing and distribution efforts," President and CEO David Henderson said. "The new company's technical capabilities and financial support also have strengthened its product research and development programs. We plan to release several new products in 1994."

#### BSI Wins Design Award for Soccer Complex

BSI Consultants Inc. won a States Award from the California Parks & Recreation Society for its design work on a Mission Viejo, CA training facility that was used by the U.S. soccer team prior to the World Cup competition earlier this summer.

The award was in the 'Special Facility Design' category. A 10-person team designed the 3,700 square-foot full-service training facility, which also includes two soccer fields. The firm designed the site, prepared the working drawings and other construction documents, provided landscape architectural field review services and supervised all construction administration and inspection.

#### Medalist Names Two Turf Specialists

Scott Debolt and Bob Lake were recently named turf specialists by Medalist America of Albany, OR. Both men will handle outside sales of golf course equipment, seed, fertilizer, chemicals and irrigation systems.

Debolt serves distributors in Alabama, Mississippi, Arkansas, Tennessee and Florida. Lake will handle Medalist customers in Maine, New Hampshire, Vermont, Massachusetts and Rhode Island.

#### PRESIDENT'S MESSAGE

By Greg Petry



ur annual conference and exhibition is scheduled for February 4-8, 1995 in Bradenton, FL at Pirate City. The conference committee of Mike Schiller, Schaumburg Park District;

Henry Indyk, Turfcon; Mike Hurd, Pirate City; and Eugene Meyer, Scotts, are putting the final touches on the program.

The popular Seminar on Wheels will again start the conference. The bus tours will visit a sod farm, park, high school and polo facility. We will see some very capable professionals in action.

There are plenty of educational ses-

sions planned. Topics such as safety, budgeting, equipment maintenance, laser-grading and soils are just a few. In addition, several sports turf sessions are scheduled that will cover the basics through the latest techniques. International guests are expected to share their perspective on managing sports turf.

I'm really excited about what is planned for this conference. Watch for the conference brochure and registration materials that will be mailed soon.

Let me share with you some of the reasons why groundskeepers should attend the conference:

1. Network with peers.

2. Hear experts from the sports turf industry.

3. Examine and try out a large display of equipment, products and services.

4. Save your time by being able to compare and shop in one place.

STMA CHAPTER NEWS



5. Find ways to stretch your limited resources.

6. Find relevant information on a variety of topics.

7. Education training, professional development and the latest information all in one place.

8. Pick up ideas on how to solve problems.

9. Learn from others who have made mistakes and have had successes so you can keep your operation on track.

10. Take part in hands-on demonstrations and instruction.

11. Get answers you've always wanted, but didn't know who to ask.

12. Build relationships with fellow professionals and vendors who can help you and your organization.

Plan to attend the best-ever conference on sports turf management!

#### **STMA Florida Chapter #1** The South Florida Chapter will take part in the Florida Turfgrass Association Conference and Trade Show scheduled for September 18-21 at the Ft. Lauderdale Convention Center. A Chapter Hospitality Room will open at 7:30 p.m. on September 19 at the Marriott Hotel in conjunction with this conference.

For more information on the conference, the South Florida Chapter and other upcoming activities, contact: John Mascaro, (305) 938-7477 or Ed Birch, (305) 938-0217.

**Chesapeake Chapter** The Chesapeake Chapter is working on plans for a September 15 Regional Institute to be held in conjunction with the National STMA. More details on this Institute will be announced.

The Field Users Guide for Sports Turf Managers will be available soon.

The STMA gained some great PR thanks to the efforts of Chesapeake members Jim Moore (Maryland Department of Parks) and Kurt Nilsson (Blue Mountain Quarry Company). They devoted their time and effort (and some of Kurt's products) to renovation of the baseball field at Moore's alma mater, Holleran Field of Morristown Central. A photo of the volunteers, and an article about the project—along with a plug for STMA—ran in the May 8 issue of the Ogdensburg, NY Advance News.

Chesapeake Chapter board meetings are held the first Tuesday of each month, 4-6 p.m. All STMA members are invited to attend. For more information about the chapter, or upcoming activities, call (301) 865-0667.

Southern California Chapter In conjunction with the National STMA, the Southern California Chapter will hold a Regional Institute at UCLA on Wednesday, October 12. The Institute will focus on building a winning team with coaches, administration and turf professionals. This event will combine education sessions, a tour of UCLA sports turf facilities, and a top-notch trade show.

Featured speakers will include: Dr. Jim Beard, chief scientist for the International Sports Turf Institute Inc.; Steve Cockerham, superintendent of agricultural operations, UC Riverside and key member of World Cup Soccer's ACT team; Steve Wightman, turf manager of Jack Murphy Stadium, San Diego, CA; Neal Beeson, owner of Sports Turf & Facility Management Company, Anaheim, CA; and members of the UCLA coaching staff. Keynote speaker, UCLA Head Football Coach Terry Donahue will present "A Winning Game Plan."

Details on this Institute will be announced soon. For more information about the Institute, call Dave Ashman, (310) 206-6662.

For more information about the Southern California Chapter and upcoming activities, call Chris Bunnell at (619) 432-2421.

**Midwest Chapter** The Midwest Chapter holds board meetings on the second Wednesday of each month at 5:30 p.m. Contact Don Michaels at (708) 526-0007 for details.

In conjunction with the National Sports Turf Managers Association, the Midwest Chapter will hold a Sports Turf Institute at Northwestern University's Dyche Stadium in Evanston, IL on September 27, 1994.

Registration begins at 8:30 a.m. The Institute starts at 9 a.m. with the

#### Arden Jacklin, Jacklin Seed Founder, 1912-1994

rden Jacklin, one of the original founders of Jacklin Seed Company, passed away recently in Spokane, Washington. Jacklin was 82.

Arden Jacklin, along with his father, brothers and a cousin started Jacklin Seed Company in 1935. From 1941 to 1985, Jacklin served as president of the company, and under his direction Jacklin Seed Company became the world's largest producer of Kentucky bluegrass. "He was the driving force, the leader of the company's growth," said Don Jacklin, who along with his brothers, Doyle and Duane, now operates the Jacklin Seed Company.

After stepping aside as president and general manager, Jacklin devoted his time to research. He became director emeritus of Jacklin's research program and continued to oversee research, visiting the office regularly, depending on his health.

Born in Waupaca, WI, Jacklin graduated from Bonners Ferry High in 1929 and earned a bachelor of science degree in agronomy from Washington State College, graduating with honors in 1933.

welcome by National STMA President Greg Petry, and Bret Kelsey, STMA executive director. Morning events will center on a recap of Behind the Scenes at World Cup Soccer. Afternoon events will focus on Sports Turf at Northwestern University, including the resurfacing of Dyche Stadium, and feature NU staff members. The Institute wraps up with a 3 p.m. tour of the stadium.

For more information about the institute, contact Marc Van Landuyt at (708) 367-7828. For information on the Chapter and its upcoming activities, call (708) 439-4727.

**Iowa STMA** The Iowa STMA is planning future events. For more information, contact Gary Peterson at (515) 791-0765.

Minnesota STMA For more information about the Minnesota STMA and its future activities call: Tom Rudburg, University of St. Thomas, St. Paul, MN, (612) 962-6545; Mike McDonald, Bierman Athletic Complex, University of Minnesota, Minneapolis, (612) 625-6097; or Brian Deyak, St. Cloud Sports Center, St. Cloud, MN, (612) 255-7223. Prior to joining the family business in Post Falls, Idaho, Jacklin was an agronomist with the Soil Conservation Service from 1934 to 1941. He participated in a grant to research the first grass seed yield trials in the Northwest and planted the first field for commercial production in 1947.

Jacklin was well-respected in agriculture and other endeavors. He was the 1982 Honorary Member of the

(916) 752-1691

American Seed Trade Association as well as past Lawn Seed Division Chairman and director of the Association. Jacklin also served on advisory boards for the USDA and Washington State University.

Jacklin is survived by his wife Stella, sons, Don, Doyle and Duane Jacklin, daughter, Ardith Bryan, 11 grandchildren and eight great grandchildren.



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Player safety was the top priority in renovating the regulation soccer field for a NCAA women's team.

#### By Bob Tracinski

The game of soccer and collegiate women's sports have at least one thing in common, they are both fighting for recognition and parity with other sports. The University of Wisconsin at River Falls found a way to advance both causes, and in the process, captured the Sports Turf Managers Association Soccer Field of the Year Award for 1993. Two important reasons the campus won the prize are a skilled groundskeeper and the encouragement of a professional football franchise.

The River Falls campus is part of the University of Wisconsin education system. It offers undergraduate majors in 54 areas and minors in 59. Enrollment is approximately 5,100. Sports at UW-River Falls involves 18 teams. There are 40 acres of athletic fields, but only 23 acres have irrigation systems. Fields include: one full-sized football game field and three full-sized football practice fields; one standard softball field; one standard baseball field; and one standard women's soccer field-the 1993 STMA Soccer Field of the Year. The 23acre intramural complex includes eight softball diamonds, two full-sized soccer



fields (also used for intramural football); and three combination fields that are smaller than soccer-regulation size. Many of the fields are rented out for high school use during the summer.

In early 1991, the administration at UW-RF recognized that if women's soccer was to be a success, significant field renovation would have to occur.

The school's teams have been part of the NCAA Division III program since 1991. Also since 1991, the Kansas City Chiefs football franchise has operated its training camp at the university. In many ways, the cooperative relationship with the NFL led to the development of an outstanding field.

At the heart of all this activity was Tom Foley, groundskeeper—athletic and turf. Foley welcomes each new challenge as a "stimulating experience" and has an enthusiasm for sports turf management that draws in learning opportunities the same way a magnet attracts metal.

The Chiefs' summer camp program includes two to three intense practices a day. It's a weeding-out regime for potential players. It can also be a weeding-out for less-than-vigorous turf.

"Working with the Chiefs' lead groundskeeper, Andre Bruce and his staff, and with consultant Jim Watson, on developing and implementing the Chiefs' plan was a super experience," says Foley. "Player safety was, and is, the top priority. All fields within the program receive the same degree of care. There is to be no difference between the practice fields and the game field. Even the field-painting is handled the same. There are so many details to take into account at the professional level. For example, if there is even a hint of possible rain, at least one of the fields is always covered prior to a game. It's important that each player be given a fair chance for peak performance."