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The ISA Conference and Trade Show is a dynamic, educational experience providing an array of lectures, seminars, meetings, and the opportunity for interaction with exhibitors. The Historic Halifax Common is the location for the Field Day, outdoor Exhibits and Tree Climbers Jamboree. Educational seminars, commercial exhibits, and displays will be in the World Trade and Convention Center.



The banquet will be held in the Citadel, the huge stone fortress overlooking the beautiful city of Halifax. Enjoy a summer evening feast while taking in the color, sound and excitement of the history and ambience around you.

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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.

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401 North Michigan Avenue • Chicago, Illinois 60611
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PROGRAM



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STMA OFFICE

401 N. MICHIGAN AVE., CHICAGO, IL 60611 (312) 644-6610

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EQUIPMENT EDITOR DANIEL INGHAM
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VOLUME TEN, NUMBER SIX

JUNE 1994

MAIN EVENTS

10 ROSE BOWL MAKES THE GRADE FOR WORLD CUP SOCCER

To create the proper ball roll required by the World Cup Soccer Committee, the Rose Bowl's playing surface required complete regrading and resodding. The result of the teamwork between on-site personnel and an outside contractor they had worked with for years is a surface that "sets the standard" for World Cup venues nationwide.

16 SILVERDOME UPDATE: ALL SYSTEMS GO

No venue faced a greater challenge in preparing for World Cup Soccer than the Silverdome in Pontiac, MI. After its first successful test, an exhibition soccer match between England and Germany one year ago, the natural, indoor surface is ready for action.

18 PICTURE PERFECT FIELD PAINTING AND STRIPING

At the University of Arizona, 1992 STMA Football Field of the Year, field painting and striping are an art. For Chuck Raetzman, Ron Ramsey and their crews, teamwork, timing, and technique make all the difference.

30 PLAYING IT SAFE WITH SPORTS FIELD LIGHTING

Safe sports turf lighting means more than illuminating the playing surface so that players can see adequately at night. Precise design, superior construction, and conscientious ongoing maintenance are pivotal in keeping athletic field lighting safe for players, spectators, and maintenance personnel.

34 SAND TECHNOLOGY FOR TURF SYSTEMS

Properly designed and constructed, state-of-the-art sand-based athletic fields can provide unsurpassed — if all the technical criteria for sand specification and selection are met. Proper testing, explains Charles Dixon of Turf Diagnostics & Design, is critical.

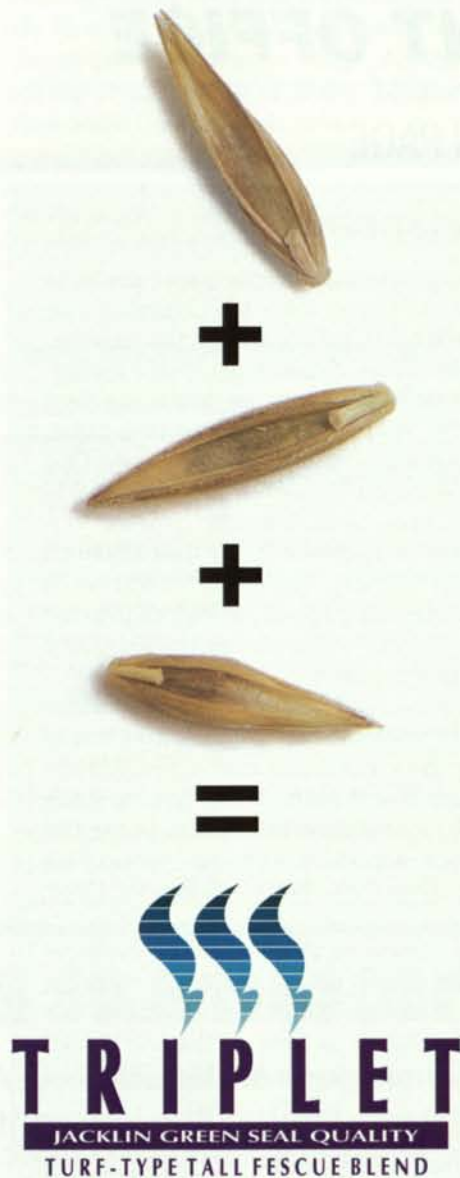
LINE-UP

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ON THE COVER:

Last year, Brazil battled Germany at the Silverdome, one of the nine World Cup venues where play begins this month.

Photo by Shaun Botterill, ©Allsport USA.



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THE FRONT OFFICE

OPINION PAGE

WORLD CUP FISHBOWL



While many sporting tournaments claim to determine true "world champions," soccer's World Cup is perhaps the *only* one that actually does. True, Superbowl, World Series, and NBA Finals champions are no doubt the best at their respective sports in the world in a given year, but each lacks the international competition necessary to produce an honest-to-goodness world champion. The fact that United States' top professional baseball, basketball, and football teams could obliterate their international counterparts is irrelevant. If you want to call yourself world champion, then you compete with the world, whether or not it means inviting, and quickly eliminating if need be, "lesser" teams or not.

World Cup Soccer, which kicks off around the U.S. this month, provides truly international competition between the best teams each country has to offer. While Europe's intense soccer club rivalries are the stuff of diehard fan dreams and hooligan nightmares, when World Cup comes around each country sends only one team. And each country *supports* its team, to say the least. The team is a source of national pride. Ever seen a partisan World Cup Soccer crowd? They're a little frightening. They make Boston Celtics fans look bored and indifferent.

More people watch the World Cup on television than any other event — it makes the Superbowl audience look like that of a Tom Arnold show. From Argentina to Brazil, Bolivia to Bulgaria, Cameroon to Columbia, and all the way down the international alphabet, soccer fans around the world will gather around televisions to watch their teams compete, to yell and cheer in their native tongues.

World Cup competition enjoys an almost religious fervor in many parts of the globe, and you can bet that international viewers will watch every aspect of the games in the U.S. — here for the first time in history — right down to the color of the grass and the roll of the ball. Foxboro Stadium, Soldier Field, the Cotton Bowl, the Pontiac Silverdome, the Rose Bowl, Giants Stadium, the Citrus Bowl, Stanford Stadium, and Robert F. Kennedy Stadium will find themselves in the World Cup "fishbowl." Each of those venues has undergone major preparation for World Cup competition and I believe, from a field quality and playability, the U.S. might just show the world a thing or two about soccer.

Some fairly wild claims have been made about what having a U.S.-hosted World Cup will do for the popularity of soccer in this country. No doubt, it will help, particularly if the U.S. team fares well. But regardless of how the U.S. team performs, regardless of whether or not the World Cup increases soccer's popularity here, the fields and those who prepared them will be among the best in the world.

Matthew Trulio

EVENTS

CALENDAR

JULY

4-8 World Scientific Congress of Golf. St. Andrews, Scotland. Contact the Sports Turf Research Institute/World Congress of Golf at 44/334-75560.

13-16 American Association of Nurserymen Conference. Baltimore, MD. Contact: (202) 789-2900.

19-21 3rd Annual Midwest Grounds Management Conference. Illinois State University, Normal, Illinois. Contact: Chuck Scott (309) 438-2032 or fax (309) 438-7955.

24-26 International Lawn Garden and Power Equipment Expo. Louisville, KY. Contact: (502) 473-1992.

24-26 Texas Turfgrass Association Seminar. Arlington, TX. Contact Shirley Duble at (409) 693-1656.

SEPTEMBER

11-13 Golf Europe '94 Munich. Munich, Germany. Contact Jerry Kallman, Jr., Kallman Associates at (201) 652-7070.

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

OCTOBER

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

10-13 Northwest Turf Conference. Seaside, OR. Contact: (206) 754-0825.

NOVEMBER

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

Send announcements on your events
two months in advance to:
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SAFETY ADVOCATE JEFFREY A. WISHARD DIES

The sports turf world mourns the loss of one of its key supporters, Jeff Wishard, who died recently in Florida. Wishard was a quadriplegic as a result of injuries sustained during a football practice in 1975 on a poorly maintained field.

Despite his physical limitations, he dedicated his life to serving his fellow man. He was an advocate for safe and well-maintained turf in playing fields and parks. His zest for life, enthusiasm and positive attitude kept him busy when others would have given up or felt sorry for themselves.

Wishard was a Village Board Member and chairman of the Park Committee in Davis, IL. He worked with the Sports Turf Managers Association to promote safe sports turf for schools and community playgrounds. In 1986, the STMA established the Jeff Wishard Scholarship Award for college students pursuing a career in sports turf management. The first recipient of the Jeff Wishard

Scholarship in 1986 was David Arnold. He is now the director of grounds for Tempe Diablo Stadium in Tempe, AZ, the spring-training site of Major League Baseball's California Angels.

SOONERS RESTORE NATURAL GRASS

When the Oklahoma Sooners football team takes the field at the new Owen Field this fall, it will be on natural grass.

Oklahoma is the first Big Eight team to make the switch "back to grass," following the trend of many collegiate and professional football teams.

OU hopes it has found a competitive edge in returning to natural turf. Statistically, there are fewer injuries on natural grass compared to artificial turf. Natural turf already plays a role in recruitment and funding.

The new stadium was constructed by HOK Sport and Randall & Blake, Inc. of Colorado. The two firms recently work together on Coors Field, home of Major League Baseball's Colorado Rockies.

HUNTER HONORS WIGHTMAN



Steve Wightman, turf manager for Jack Murphy Stadium in San Diego, CA, recently received Hunter's Lifetime Achievement Award. The announcement was made by Charles Huston, director of sales and marketing for Hunter.

Wightman was recognized for his contributions to the sports turf management profession and his efforts to promote education and training in the industry. He has been the sports turf manager at Jack Murphy stadium since 1988. Previously, he was the field manager at Mile High Stadium in Denver, CO.

Five steps to a better Ballpark

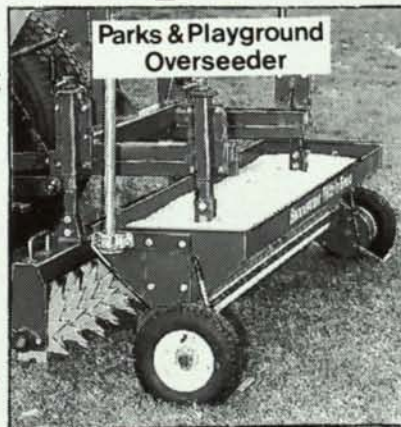


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ROSE BOWL TO HOST WORLD CUP SOCCER FINALS

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Crowds pack the Rose Bowl in Pasadena, CA. Television, radio, and print media members vie for position. Hushed anticipation fills the worldwide home viewing and listening audience. Today, on this field, the championship will be decided.



Approximately 1,400 tons of new sand was brought in and the entire field was regraded to establish a one-percent crown over what would be the entire turf area. At points, the surface level was raised 6 inches from the field center. Photos courtesy: Neal Beeson.

By Bob Tracinski

It's July 17, 1994. After a grueling series of games, the play of two finalist teams will determine the best in World Cup Soccer.

All that and more will happen here, at the Rose Bowl, on U.S. soil. Behind the scenes, Richard Gonzales and his crew will smile, having shown the world that their turf can support the play of the best teams soccer has to offer.

The World Cup tournament, with 52 games in nine different venues (see "Gearing Up For World Cup" sidebar) kicked off with three exhibition games in early June. The second of these was played on June 4 at the Rose Bowl, just 31 days after the completion of major regrading and installation of new sod.

That renovation, and the interaction and cooperation that made it work, are

continued on page 12