

STRIKE UP THE BAND -- IT'S ALMOST CONFERENCE TIME!!

And Do We Have Plans For You!! By now, you should have received your Conference packet and you'll know what I mean. If, for some reason, you haven't gotten one of these, just give us a call here at Headquarters and we'll be happy to mail or fax the information to you.

For starters, there's the optional Kick-off Seminar on Wheels on Wednesday the 14th. You'll head out at 8:00 A.M. for a behind-the-scenes look at Disney's Horticulture Department. After lunch, you'll get the grand tour of the Scotts Company's Research Facility in Apopka.

Then, it's on to the Apopka High School baseball field and the Apopka Parks Athletic Complex -- find out how they "Meet the Challenges" and cope with extensive field use year-round!

For those of you into golf -- don't forget the optional golf tournament on Wednesday.

Beginning on Thursday are the educational sessions. Come prepared to learn! The general session includes topics ranging from a special presentation from Murray Cook and John Bisignano on *The Construction of Disney's Wide World of Sports™* complex, John Souter's view of *Stadia of the Future*, to Mike Varner's advice on *How to get Hired and Fired as a Sports Turf Manager*. After lunch, take your pick from our three concurrent ses-

sions. Topics here focus on: Sand-Based Fields, including discussions by Darren Varner and Dr. James Beard; Agronomics with Dr. Coleman Ward, Dr. Grady Miller, and more; or Pest Management, including Dr. Wayne Mixson and Dr. Monica Elliott.

The Trade Show also opens on Thursday inside the Field House at *Disney's Wide World of Sports™* complex. Check out what vendors have to offer while enjoying a reception right in the Trade Show area.

On Friday, the 16th, you'll get the Grand Tour of *Disney's Wide World of Sports™* complex as well as a little insight on Meeting the Challenges from Reggie Williams, former NFL linebacker for the Cincinnati

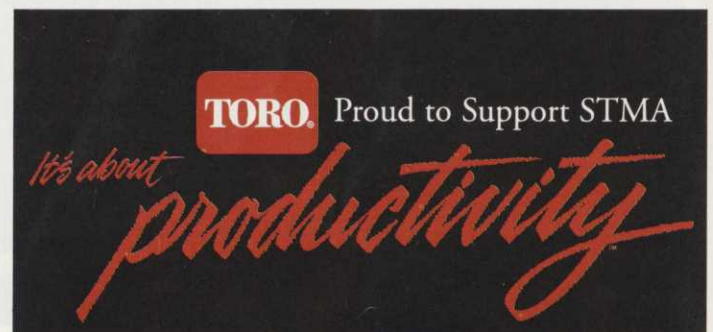
Bengals. Reggie knows first-hand what it's like to Meet the Challenges. He is responsible for overall sports strategic planning, sports development and management, sports complex construction and operation, staffing and organizational development, sports

continued on page 4



photo courtesy *Disney's Wide World of Sports™*

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President's Message

by Mike Schiller, President

The holiday season is upon us. As I sit here in my office composing this article, I look forward with great anticipation to the holidays. What a great chance to spend some quality time with the people who are important in your life! As the year winds rapidly to a close, and 1998 is sneaking up on us, I wonder what happened to this past year? It seems that as we get older the time goes by much too quickly. For myself I know that statement is true, especially the last two years.

It seems like only yesterday I was handed the reins of STMA as your President from my good friend, Greg Petry. I have been fortunate to be a part of STMA's growth -- not only in numbers, but in the services we provide our members.

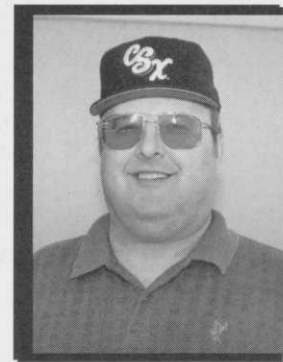
This growth didn't just happen, it was a by-product of some very hard work by some very special people, and as I hand over the reins of the presidency I would like to take this opportunity to thank them.

First, I must thank Steve Guise, President - Elect, Henry Indyk, Commercial Vice President, Eugene Mayer, Secretary, Rich Moffitt, Treasurer, L. Murray Cook, Bucky Trotter, Mary Owen, Bob Patt and Bob Curry, our board members, and Mr. Greg Petry Immediate Past President. These wonderful people have given of their time and talents to help make this one of the hardest working boards STMA has ever had. They are the reason we are such a success.

To Mike Trigg, Troy Smith and all the people who have worked on the raffle/silent auction committee, they have helped generate funds for our scholarship committee and have had some fun doing it.

To all of you who have volunteered to work on a committee of some sort or another, THANKS! You know who you are and please know how grateful I am for your dedication and service. A special note of thanks to all of you who have worked on the education and conference committees, our annual program has grown each year and becomes an even better event because of each of you.

There are three very special people whom I, as your President, owe a great deal of thanks, they are the people who make STMA work, without them the past two years I would have floundered. Stephanie Gamache, Suz and



Mike Schiller

Steve Trusty, you are the very finest I think I have had the pleasure to work with. A little over two years ago, you came on as our management company and, through your hard work, dedication, professionalism and great faith, have helped us grow and prosper. You are the best and on behalf of the membership I salute all three of you for all you have done for us to help us grow and prosper.

I would like to thank each and every member of STMA for your support. You have helped STMA grow and become a leader in the turf industry. I would challenge each of you to take an active part in the organization. There are plenty of activities to become involved in and you get much more than you'll ever give.

I also want to thank my employers over the past 15 years for allowing me an opportunity to become so actively involved in STMA. I owe a special debt of thanks to the Schaumburg and Rolling Meadows Park Districts for allowing me to serve as President-elect and President these past four years.

Last and most importantly -- I need to thank the most important people in my life: Elizabeth, Jennifer, Matt, John and my lovely wife of 26 years, Charlotte. Your patience, understanding and loving support have helped make these last few years speed by.

STMA has grown and continues to grow. We are alive and viable, and I am proud to say we are keeping the dream of my dear friend, Harry "Pops" Gill alive. I know he would be proud of us. I ask you to continue to support STMA as your new President and board take over. I'm sure they will continue to lead us forward.

Thanks for a great run, I hope to see you all in Orlando!

How Do You Do...?

The Question -- How Do You Deal with Excess Precipitation on your Fields?

Answered by Bob Womack, Supervisor, Southwestern College, Chula Vista, CA

Our main objective in dealing with any kind of precipitation is to be prepared to make decisions. This approach is best handled through recordkeeping of past experience with field conditions related to light, medium and heavy rains.

The time it takes for our field's surface and subsurface to drain assist us with decisions regarding all cultural practices; clearing of drains, mowing, slice aeration, type and method of fertilizing and fungicide applications, irrigation scheduling, spot treatments of Turface, turf damage/repair, field preparation and equipment selection.

Decisions regarding field conditions during the rainy season become our #1 priority. We consider the sport being played, the needs of the coaches, the safety of the field being played on and whether or not games should be canceled. As a sports turf manager, it is my opinion that the recording of the past holds the key to success.

Answered by James Cornelius, West Chester (PA) Area School District

Actually, this is kind of a trick question. Our budget isn't set up for separate areas of grounds (i.e., grounds and sports facilities), so we take what we can get for our 26 sports fields out of the same budget as the rest of the grounds. Add to that the fact that only two (2) of our fields have actual drainage, so we often do end up dealing with damage after the fact.

We do attempt to avoid damage by following good cultural practices within our budget constraints. To that end, we topdress with Turface and pre-germinate seed and put it down after games.

Answered by T. Mark Clay, Spectacor Management/Jacksonville Jaguars

We're here every day for 10-12 hours during the football season and we know to keep a good eye (and ear) on the weather. If there's even a hint of precipitation in the forecast, we have a 360' x 200' field tarp that we will put down. Our field also has USGA Green Spec drainage that will drain 10-12 inches per hour -- so we're pretty much okay that way.

If it happens to be raining while we're painting logos, etc., we just stop while it's raining, put down plastic, and go back out once it stops. If, for some reason, it doesn't stop raining and the logos look like they might not dry for game time, we'll bring out torpedo heaters and set them up under a "tent" to dry the logos. To keep the heat off the grass, we use backpack sprayers to blow the air up and circulate it.

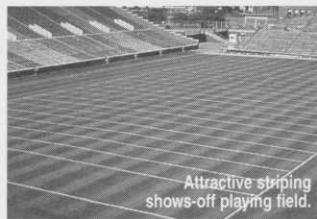
Answered by Connie Rudolph, Midway Stadium, St. Paul, MN

This summer in Minnesota was a true test of dealing with excess precipitation. The St. Paul Saints were forced to rain out 4 games (usually they only have 1 a year), and precipitation was a factor with 4 scheduled concert dates. We also had a flash flood during a Saint's game that claimed about 25 cars, including mine.

When the sky opens up during a baseball game, at least the game can be halted and the field dried with calcined clay and stand *continued on page 14*



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STRIKE UP THE BAND...

continued from page 1

industry relations, new product development and sports merchandise strategy at *Disney's Wide World of Sports™* complex. He is the inspirational leader and visionary supervising a team of over 70.



Reggie Williams

Then, it's back to your seeing and shopping expedition in the Trade Show. You'll move outdoors for the Products on Parade and "How We Do It" Demos. Friday's activities come to a close with our Annual Awards Banquet at the Coronado Springs Resort.

Saturday's Concurrent sessions will have something for everyone -- Professional Level, Colleges & Universities and Municipal/Parks & Recreational Sports Turf Facilities. After a short break, you'll once again step up to the challenge in the Round-Table Discussions.

Topics this year include: Certified Sports Turf Manager, Managing Construction Projects, Being Innovative and Creative on the Job, and Remedies for Failing Fields, to name a few.

Following lunch and our Annual Meeting, you'll have the opportunity to connect with an individual who has truly experienced "Meeting the Challenges," Captain Al Haynes. Captain Haynes, after serving in the Marine Corps, joined United Airlines as a flight engineer. He was promoted to flight officer in March, 1965, and to captain in August 1985. He was serving in that capacity on July 19, 1989, aboard United Airlines Flight 232 when three independent hydraulic systems failed and the ability to steer the plane, as well as to control its up and down movement, was lost.



Captain Al Haynes

Due to communications, preparation, execution, cooperation, -- and luck -- 184 people survived the crash landing of that plane. Unbelievable you say? Come find out what Captain Haynes says!

Saturday afternoon is capped off by a group of Sports Turf Managers who have done their own homework on "Meeting the Challenges:" Mike Andresen of Iowa State University's Jack Trice Field ; Mike Hurd, formerly with Pirate City, now at Legends Field; James Boynton, Legion Field/City of Birmingham; and Mike Varner, formerly with Jim Drikakis Field/Michigan Battle Cats, now with the Oakland A's/Papago Park. These gentlemen have all overcome GREAT challenges - - and have done it well. They are all STMA Field of the Year Award Winners!

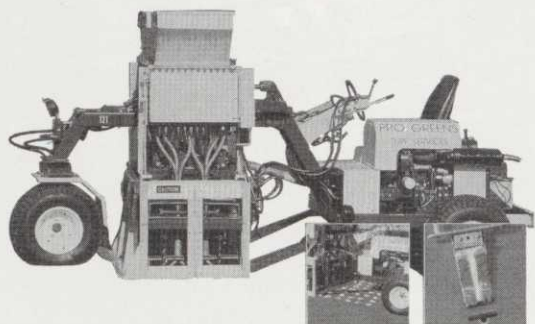
And, if that isn't enough, you can take part in the optional Wrap-up Seminar on Wheels on Sunday. Stops include Baseball City, Houlihan Stadium, Tampa Bay Stadium and Legends Field.

All in all, if you haven't signed up yet to attend the 1998 Conference & Exhibition --you need to do so now! YOU DON'T WANT TO MISS A **BIG ONE!!**

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PROFESSIONALISM IN STMA? -- YOU BET!

by Dr. Gil Landry, University of Georgia

Did you see part of the ESPN program on Sportsmanship? Well regardless, the topic is a good lead into a recent experience. However, rather than view this as Sportsmanship, let's think of this as "PROFESSIONALISM." Now just as any professional athlete on any given day has "other" factors of their life that may have an impact on their performance, so does everybody. We all have good days and bad days. The following are examples of professionals getting beyond whether they're having a good one or a bad one.

A few weeks ago I received a request from a South Korean turf scientist that had spent one year studying with us at The University of Georgia (you may have recently heard we finally beat the University of Florida). He was accompanying four employees of the Samsung Corporation to the Southeast US in ten days to visit some stadiums because their company was going to build a stadium. I later learned that Samsung, the second largest corporation in South Korea, was building a large soccer

stadium and three practice fields for the professional team that the company owns.

Having nothing better to do, I got on the phone to a few sports turf managers to see what I could do. Not knowing the Korean's exact schedule, I made "tentative arrangements." Not one person contacted turned me down. In fact, regardless of their schedules, they all were willing to give all the time the Koreans wanted. *Now that to me is professionalism.*

After finalizing dates about five days before arrival and through numerous phone calls, on October 22nd, I picked up the five South Koreans in Atlanta and went straight to Turner Field, home of the Atlanta Braves. There Ed Mangan, field director, gave us the complete tour of the seven-month-old Prescription Athletic Turf (PAT) system. Here we saw a profile about 12 inches deep that was 100% USGA Spec sand mix with no organic matter or other soil amendments. The turf was GN 1 bermudagrass
continued on page 10

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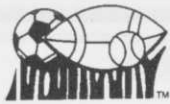
Lawrence V. George, President



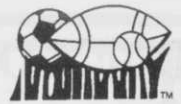
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Sports Turf Happenings



Chapter Events

WELCOME TO STMA'S NEWEST AFFILIATED CHAPTER:

The Northern California Sports Turf Managers Association has completed all requirements for affiliation and was officially recognized as an affiliated chapter by the STMA Board at the November 14th - 15th, 1997, Board Meeting.

The Northern California Chapter is in the process of planning its schedule of events. Details will be announced soon. For general information about the Nor-Cal STMA Chapter, contact Gail Setka at the UC Davis Grounds Office at (916) 752-5035 or Fax at (916) 752-9631.

Florida Chapter #1: STMA

The Florida # 1 Chapter will meet December 10th from 8:30 AM to 1 PM at the University of Miami in South Miami. The topic for this meeting is turfgrasses for sports fields.

The Florida Chapter # 1: STMA will assist the newly forming Florida Chapter #2 in hosting STMA's 9th Annual Conference & Exhibition "Meeting the Challenges" to be held January 14 - 18, 1998, at Disney's Coronado Springs Resort and Disney's Wide World of Sports™ complex in Orlando, Florida. For information on the Conference, contact STMA Headquarters at (800) 323-3875. For information on the December event, other pending activities, or the Florida Chapter, contact: John Mascaro at (954) 938-7477.

Colorado Chapter

The Colorado Chapter: STMA will again participate in the Rocky Mountain Regional Turfgrass Association (RMRTA) Annual Turf Conference and Trade Show. This event will be held December 10 - 12, 1997, at Currihan Hall in Downtown Denver. For more information on this event, call 303/770-2220.

For information on the Colorado Chapter and other upcoming activities, call the 24-Hour CSTMA Chapter Hotline/FAX: (303) 438-9645.

Minnesota Chapter:STMA

As part of the Minnesota Turf & Grounds Foundation, The Minnesota Chapter: STMA will take part in the MTGF 4th Annual Conference and Trade Show which will be held December 10 - 12, 1997, at the Minneapolis Convention Center.

Targeted specifically for sports turf managers are: the December 11th morning session titled Environmental Issues Relative to Athletic Fields with the topics - "Minimize Pesticide Use Through Healthy Turfgrass Management" and IPM Management for Athletic Fields both presented by Steve Wightman and "Cultural Weed Control" presented by George Hamilton; the December 11th afternoon session titled Sports Facilities with topics - "The Five Most Common Mistakes in Sports Turf Management and Their Solutions," by Dr. Dave Minner, "Managing the Cyclones Stadium Football Field," by Mike Andresen, and "New Advances in Sports Turf," by Dr. Dave Minner, and the December 12th morning session titled Sports with topics - "Managing Football and Soccer Fields: High and Low Budgets," and "Selecting and Managing Skin Areas for Baseball and Softball," both presented by Dr. Dave Minner. For more information on this event contact: Scott Turtinen at 612/473-8169. For information on the Minnesota Chapter, or other

upcoming activities, contact: Connie Rudolph at (612) 646-1679.

Keystone Athletic Field Managers Organization (KAFMO Chapter STMA)

The KAFMO Chapter's Chemical Clinic II will be held in Morgantown, PA, on December 12th. This clinic will feature seminars on sprayer calibration and control products.

On January 8th, KAFMO will participate in the Eastern Pennsylvania Turf Conference and Trade Show held in Valley Forge, PA. Athletic field sessions have been expanded to go along with the always impressive trade show. For information on these events, other upcoming activities, or the KAFMO Chapter STMA, contact: Dan Douglas, Reading Phillies Baseball Club, at (610) 375-8469, ext. 212.

Southern California Chapter:STMA

The Southern California Chapter will hold a December Pesticide Workshop at MiraCosta College. There will be 8 hours of CEUs offered at this event.

Plan now to attend a Super Bowl Seminar in early January at Qualcomm Stadium, the site of the 1998 Super Bowl. Further details on these December and January events will be announced soon. For more information on these events or the Southern California Chapter contact: The Chapter Hotline: (888) 578-STMA (toll free in Southern California).

The Iowa Sports Turf Managers Association

The Iowa Chapter will again participate in the Iowa Turfgrass Conference which will be held January 26 - 28, 1998, at the Des Moines Convention Center. The Monday, January 26th, Sports Turf Workshop morning sessions include: "Winning Fields = Winning Teams," by Duane Banks; "Setting Up for Practice," by Mike McDonald; "Pattern Mowing," by Luke Yoder and Round Table Discussions - "Dealing with Soccer/Football on the Same Field and Heavy Use Fields," led by Gary Peterson; "Football/Soccer Painting (Rules, Techniques and Logos) led by Mike Andresen; "Fertility/Soil Sampling," led by Ron Cooker; "Baseball/Softball Mound & Homeplate Maintenance," led by Luke Yoder; "Picking an Infield Mix," led by Jesse Cuevas; and "Football/Soccer Goalmouth Maintenance," led by Kevin Vos. The afternoon session of this Workshop is a combined Golf Course/Sports
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Doc's Dugout - An Inning from our Past & Present

by Dr. Kent Kurtz - STMA Historian

THE DEVELOPMENT OF THE LAWN MOWER FOR SPORTS TURF (PART II)

The United States was a partner in the development of the lawn mower after the 1870's with our friends and competition from the United Kingdom. In 1918, A. J. Dremel of Racine, Wisconsin, met with Knud Jacobsen to discuss the idea of using an engine to drive lawn mowers. Working as a team, Dremel and Jacobsen introduced to the public an internal combustion, engine-driven lawn mower in 1921. The mower was named the "4-acre" since the operator could mow four acres of grass in one day. The "4-acre" was a mower specifically designed for use in parks, cemeteries, large estates, golf courses, playgrounds, and athletic fields. In 1924 Jacobsen introduced a power greens mower to cut bentgrass on golf and lawn bowling greens. At first, greenskeepers (superintendents of today) were leery of the power mower as they feared it would scalp the turf, compact the soil, damage the turf with gasoline and oil spills. Most importantly, they feared it would result in the loss of employees. Jacobsen continued to add innovations, improvements and amenities to their line of mowing equipment, such as ride-on sulkies to reduce walking, pneumatic tires to replace metal wheels and an automatic recoil starter. Even with these features there was a reluctance by many grounds

managers to purchase power lawn mowers. Oscar Jacobsen once demonstrated a power mower to a park superintendent in Chicago who was very impressed with everything about the mower. When asked by Jacobsen if he would purchase the mower, the superintendent said, "Well, I've got one hundred men here mowing the lawns with hand mowers, and they all vote for me. If I have to reduce my staff by using power mowers, I won't get many votes." Eventually the power mower won its place as a common necessity on grounds throughout the United States

During the 1920's there were other companies engaged in the manufacturing of lawn mowers, specifically MotoMower (Detroit), Ideal (Lansing, MI), Coldwell (Newbury, N.Y.), Toro (Minneapolis, MN) and Worthington (Shawnee, Pa.). The Shawnee Mower Company was founded around 1910, by Charles C. Worthington and the name was changed later to the Worthington Mower Company. Originally the company developed a 30" horse-drawn reel mower and by 1914, began producing 30" mowers that could be attached together in order to cut a larger swath. This was the first commercially produced gang mower. The mowing units were available in combinations of 3, 5, 7 or 9. In 1919, Worthington began manufacturing a small tractor to pull the gang mower units. Finally, in 1945, Jacobsen purchased the Worthington line of mowers and the Worthington Mower Company located in Stroudsburg, Pennsylvania, to increase their commercial line of mowers and equipment. Ironically, the Worthington family initially was in the business of manufacturing and selling pumps, then sold that business and began manufacturing steam automobiles before getting involved with lawn mowers.

Similarly, the Toro Company was founded in Minnesota in 1914 as the Toro Motor Company. Initially, Toro build engines for a farm tractor manufacturer. In 1922, a local greenskeeper from a Minneapolis golf course suggested to Toro that they should design and sell a tractor-towed gang mower unit for fairway maintenance. Soon after, Toro turned away from their agricultural orientation and by 1925, Toro turf maintenance machines were in service on major golf courses in the United States and also in many parks throughout the country.

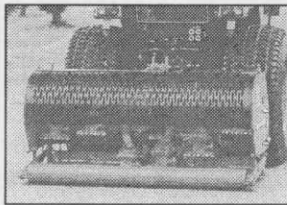
Rotary lawn mowers had been used by the 1930's, but their popularity increased during the 1940's because these mowers could cut through weeds and tall grass. The other advantage was due to their simplified design, rotary mowers could be manufactured at a reduced cost compared to reel mowers. By 1947, there were 66 companies manufacturing rotary mowers. A pioneer in rotary mower production was the

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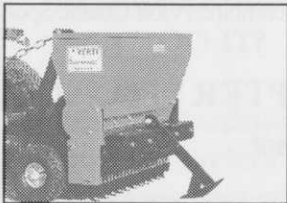
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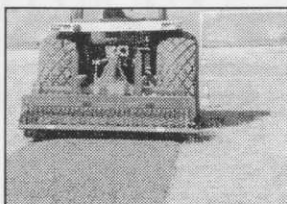
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Mike Varner, formerly with the Michigan Battle Cats, is now Arizona Head Groundskeeper for the Oakland A's.

Thomas McAfee, formerly with the Huntsville Stars, is now with the Nashville Sounds.

CONGRATULATIONS GUYS!!

If you, or someone you know, has changed positions, give us a call here at Headquarters. We'll be happy to help get the word out!

.....
The University of Massachusetts is holding a Job Fair, February 10, 1998 from 10:00 A.M. to 4:30 P.M. For more information call (413) 545-2222.

SPECIAL NOTICE!!

We have had several student members asking about internships for the summer. If you have internships available, or know of someone who does -- please contact Headquarters with the information. Remember -- Our Students Are Our Future!!

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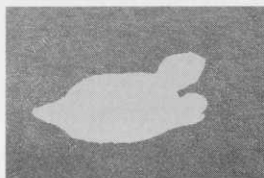
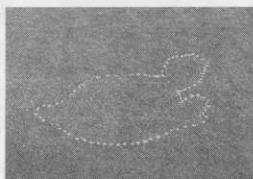
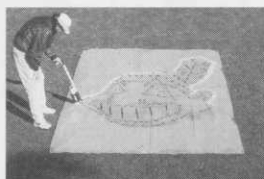
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Professionalism in STMA? -- You Bet!

continued from page 5

sod that was grown on a sandy soil which matched the field sand as closely as possible. The field had been overseeded with a perennial ryegrass blend. We saw the computer-controlled water level monitoring and pumping system.

From Atlanta, we flew to Knoxville, Tennessee. There, Bob Campbell, Director of Grounds Maintenance for the University of Tennessee Athletic Department, picked us up at the airport and took us to the largest college football stadium in the country. In fact, 11 days earlier I had been Bob's guest in this very noisy sea of Orange, made my Bulldogs look really bad with the help of a freshman running back from Atlanta.

Bob showed us the stadium field that was built like a USGA spec golf green without the choker layer which was not needed per the soils consultant. He had row-planted and sprigged Tifway bermudagrass into the field. Having been sprigged, this field had the smallest soil profile layer

over sand mix of all the facilities we visited. Here we saw the irrigation cannons located off the playing surface. Bob emphasized that he calibrated his irrigation system and irrigated on average every five days. He had already lightly overseeded the field with perennial ryegrass and was in the process of laying out a geotextile cover to protect against forecasted low temperatures.

Bright and early the next morning we were on our way to Baltimore. Because of numerous set backs, we arrived at the Baltimore Ravens home stadium about two hours late. Vince Patterozzi and Jay Warnick were still there waiting for us. Here we saw a SportGrass system with GN 1 bermudagrass. It was late in the afternoon and they had still not covered the entire field so we could see the turf and soil profile. We were given a very detailed explanation of the Wirsbo heating system they used to maintain soil temperatures so that they could maintain active bermudagrass growth throughout the season and thus not have to overseed.


The next morning, we were guests of Don Follett at the very new home of the Washington Redskins. We arrived less than 10 hours after the Rolling Stones concert and, quite honestly, Don looked like an "old rolling stone." Nothing a couple hours of sleep could not cure. Along with Don was Grove Teates, the contractor that built the field this summer. I think Don arrived on the job in time for the laying of the 1.5-inch thick-cut Tufcote bermudagrass sod. The field mix was 80% USGA spec sand, 10% soil and 10% peat. What a sight! While construction crews were tearing down the stage and removing chairs and turf covers, Don squeezed in time to answer questions for us and then invited us out on the field. As Don said when I first called him, "If it's for education, I'll make time."

Our Korean guests were very gracious and appreciative of each of their hosts, and their hosts were TERRIFIC! The slight confusion among the visitors after the second stadium visit had now been quadrupled as they had seen four very different and successful sport turf systems. They also met some very honest and open PROFESSIONALS. People like these are the cornerstones of this profession at every level of our industry.

To all the participants in this venture -- I would like to personally thank each of you for being so gracious and PROFESSIONAL.

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STMA Chapter Information

continued from page 7

Turf session of Selecting Sands and Soil Modification presented by Dr. Jim Crum.

The Sports Turf Session on Tuesday afternoon includes: "Crumb Rubber," presented by Dr. Jim Crum; "Landscaping Your Complex," by Ron Cooker, "Aeration: Not Just for Compaction Relief," by Jesse Cuevas and, at 3:00 PM, the ISTMA Annual Membership Meeting.

The Sports Turf Session on Wednesday morning includes: "Ten Tips for Managing Fields on a Limited Budget," pre-

sented by Dr. Dave Minner; "I'm Not the Boss, What Are My Responsibilities?" by Jeff Salmond and "Managing and Its Role," by Mike Burt.

For more information on this event, the Iowa Chapter or other upcoming activities, contact: Lori Westrum at The Turf Office at (515) 232-8222 (phone) or (515) 232-8228 (fax).

MAFMO Chapter

The MAFMO Chapter will be co-sponsoring the Sports Turf Sessions with the

Maryland Turfgrass Council at "Turfgrass '98" which will be held January 12th and 13th, 1998, at the Baltimore Convention Center.

For information on this event, the MAFMO Chapter, or other upcoming activities, contact the Hotline: (410) 290-5652.

Midwest Chapter: STMA

For information on the Midwest Chapter or pending activities, call: The Chapter Hotline (847) 439-4727.

STMA Chapters on the Grow:

Mid-South Chapter STMA: The newly forming Mid-South Chapter of STMA held its first meeting on November 4th in Memphis, Tennessee. Dr. Mike Goatley, Mississippi State University, talked on Sports Turf Renovation and Management. Fourteen new members joined the Chapter. The next meeting will be held in mid-February, 1998. More details will be announced soon.

Members of the new Chapter will participate in the Tennessee Turfgrass Conference to be held January 4 - 7, 1998, in Nashville and in the Arkansas Turfgrass Conference to be held January 12-13, 1998, in Little Rock.

The Mid-South Chapter serves Tennessee, Mississippi, Alabama, Arkansas, and parts of Louisiana, Missouri and Kentucky. For more information, contact: Chip Houmes at (901) 377-5081 or Jim Calhoun at (901) 755-1305.

Nevada: Plans are moving forward on the formation of a **Nevada Chapter of STMA**. For information on this developing Chapter, contact: Ibsen Dow, Phone (702) 649-1551.

Arizona: For information on the **Sports Turf Managers Association of Arizona** or upcoming events, contact: Bill Murphy, City of Scottsdale Parks and Recreation Department, at (602) 994-7954.

Great Plains Sports Turf Managers Association - The Great Plains STMA Chapter will hold a Seminar on February 26th at the Linwood Recreation Center in Wichita. More details will be announced soon. For information on this event, the Great Plains Sports Turf Managers Association or other upcoming activities, contact: Mark Schimming, City of Wichita, at (316) 337-9123.

Q: What do all of these teams have in common?

Oakland A's
Arizona Diamondbacks
University of Texas Longhorns
San Diego Chargers
University of Southern California Trojans
California Angels
Arizona State University Sun Devils
San Francisco 49'ers
San Diego State University Aztecs
San Francisco Giants
San Diego Padres
Los Angeles Dodgers
Oakland Raiders
Arizona Cardinals

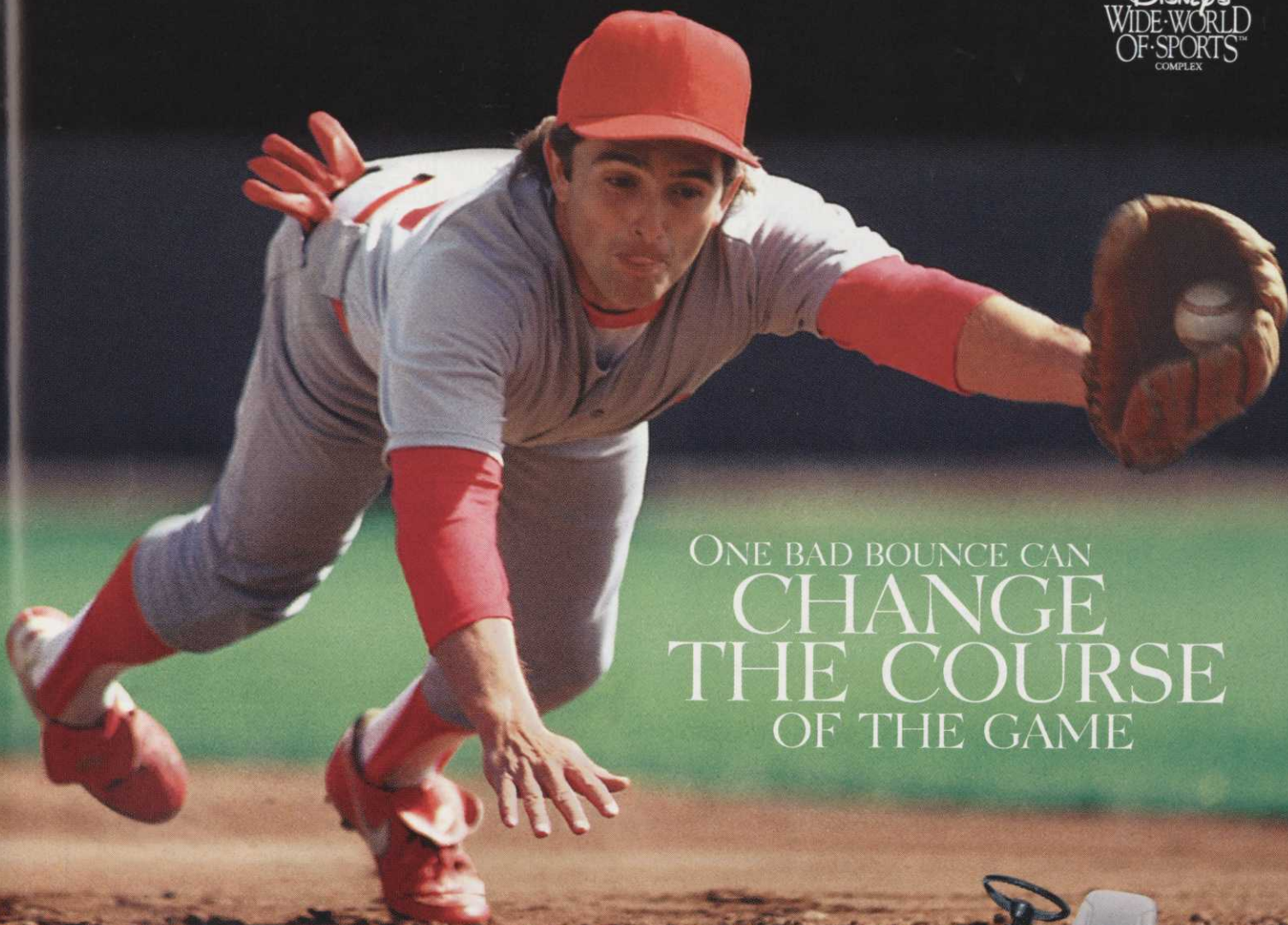
A: They are at "HOME" on West Coast Turf!

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Headquarters Update

by Steve Trusty, Executive Director

Conference Registrations are starting to pour in. Have you made plans to be in Florida in January? Every indication points to a record number of attendees and a record number of exhibitors. Don't miss out on the opportunity to learn from your peers and to see the newest in products that can make your job easier. You will also have the opportunity to attend many very worthwhile educational sessions and visit facilities that you might not otherwise have a chance to see. It is not too late to get your reservation in.

Another incentive to be in Orlando in January is the announcement of the Certified Sports Turf Manager (CSTM) program. Your committee has been hard at work and have a preliminary program approved by your Board of Directors. We plan to present the official program during the conference. Thanks to all of you who took time to contact headquarters or committee members with your thoughts. While it is not possible to adopt every suggestion made or to make everyone happy, your committee did give every response consideration. While the "official" program is being introduced, any good program is a growing program and will continue to be tweaked.

Would you like to assist your association and receive immeasurable benefits in return? Volunteer to serve on one or more of the STMA Committees. Refer to page 9 of your Membership Roster and decide which committee(s) you would like to contribute to. Contact President-Elect Stephen Guise or the STMA Headquarters and express your interest. Your board is always looking for people with ideas to share.

Speaking of the Roster, since STMA has grown so dramatically this past year, we have decided to publish an addendum to the 1996-97 Roster. You should receive your copy very shortly. This addendum lists all of the new members that have joined between the first of the year and the end of September. Between the two volumes you can find all of the current STMA members.

Use these valuable resources to contact your peers whenever you need assistance. We constantly hear stories of STMA members helping others. That is one of the great joys of working with all of you.

Be sure that you have your 1998 dues paid no later than March. That is when we will be preparing the 1998 issue of the Membership Roster. Only those whose dues are paid by that time will be listed. The intent now is to publish the current year's Roster for distribution each May.

We at Headquarters hope that you all had a very thankful Thanksgiving and wish you a most joyful Holiday Season.

STM

How Do You Do...?

continued from page 3

ing water pushed aside with foam covered rollers. However, during a concert, the show goes on rain or shine. For immediate solutions, I use stakes and ropes to steer people to better areas, and on the heaviest traveled areas, I put plywood down to help spread the weight around. With the exception of placing field tarps in front of the stage areas, not a lot else can be done at that time.

Short term solutions for removing standing water include digging a small hole in the center of your puddle and using a "trash" pump along with foam covered rollers to push the water towards the hole. Afterwards, the area can be dried further, if needed, with a calcined clay product.

Depending on how your drainage handles excess water, sometimes a longer term cure is needed. At Midway, a July 17th concert really did the field in after a 3" rainfall the night before. Because of all the rainfall, compaction in front of the stages (there were 3) was horrible. My solution, short of reconstructing these areas, was to aerate with a deep drill machine, which drilled a 1" diameter by 8" deep hole and backfilled the holes with a ceramic product (sand can also be used). I did the worst areas and it seemed to do the trick for me.

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Doc's Dugout

continued from page 8

Standard Mower Company in Lebanon, Indiana. They were purchased by Jacobsen in 1948. Likewise, Toro purchased Whirlwind, Inc. in 1948, and was the first to introduce a bagging attachment to use with rotary mowers.

John Deere brought years of agricultural and industrial experience to the lawn mower market in 1963 with their lawn and garden rotary tractor mower. In 1986, the Golf & Turf Division of John Deere began selling reel mowers for sports turf and golf courses.

The flail mower was brought to the turf market and has been used on athletic field turf since the 1950's. It was originally sold for use on very low maintenance turf and playgrounds because it was safe to operate where children were present. These are quite versatile mowers because verticut blades can also be installed. In the 1980's, out-front flail mowers were introduced to the turf market with a quality of cut greatly enhanced over the original versions.

Today many new companies have entered into the turf market with mowers for use on sports turf. The lawn mower continues to be the most important tool for the care and maintenance of sports turf facilities throughout the world.

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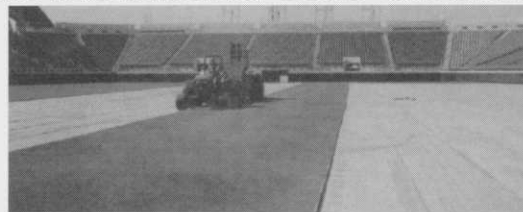
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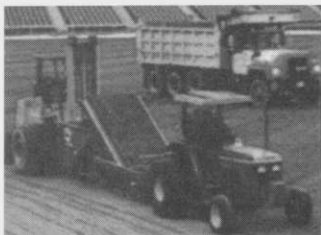
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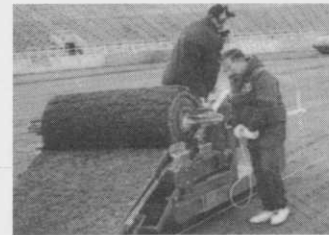
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