

ucts and those related products and services, which keep our environment beautiful.

Pennington Seed, Inc.

Madison, GA
Booth 114

Lowdown: Supplier of warm and cool season turfgrasses along with native and wildflower seeds. Breeders of hybrid-seeded Bermuda grasses such as Bermuda Triangle and Princess.

Pickseed West, Inc.

Tangent, OR
Booth 418

Lowdown: Pickseed is a leading developer and producer of quality lawn grass seed.

Portafloor

Salt Lake City, UT
Booth 504

Pro's Choice/Oil-Dri Corporation

Chicago, IL
Booths 608, 610

PRZ Sports Turf

Highland Ranch, CO
Booth 725

Lowdown: PRZ has 12 years experience in turf consulting. They use computers to scientifically amend soils to stand up to the wear they will receive.

Rain Bird Sales

Tucson, AZ
Booths 601, 603, 700, 702

Randall & Blake, Inc.

Littleton, CO
Booth 413

Lowdown: RBI specializes in the design and construction of athletic fields, running tracks and outdoor tennis court complexes.

Redexim-Charterhouse

High Ridge, MO
Booths 513, 612

Lowdown: World leader in the design and development of specialized turf and ground care equipment produced specifically for aeration, seeding, top-dressing and environmental maintenance.

Roots, Inc.

Independence, MO
Booth 109

Lowdown: Manufacturer of university developed and tested biostimulants,

wetting agents and organic based fertilizers formulated to reduce stress and improve plant health. Distributed in all 50 states.

Sand Channel Greens, Inc.

Pebble Beach, CA
Booth 724

Lowdown: Designs and installs unique, high-intensity subsurface drainage systems appropriate for sports fields, golf courses and other high use turf areas.

Shamrock Peat/Erin

Environmental

San Diego, CA
Booth 414

Lowdown: Distributors of Shamrock peat products and other Irish peat products. Also distributes mineral amendments for bio-remediation projects.

Simplot Turf & Horticulture

Post Falls, ID
Booth 625

PRODUCT SHOWCASE

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The Airfield™ Sports Turf System is the first to offer drainage technology that doesn't rely on the French drain, developed in the times of the Roman Empire. Airfield™ suspends the entire playing surface over a layer of air. Once water has moved through the root-zone it drains away easily in the open-air void.

Airfield™ produces substantially higher drainage rates than conventional methods at a savings of 20 percent of total construction cost.

The future of sports turf drainage is here today.



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November 2000 21

Southern Athletic Fields, Inc.

Columbia, TN
Booths 309, 408

Lowdown: SAF is a supplier of infield mixes, mound clay, field amendments and conditioners. SAF Trac will eliminate worn, muddy areas in front of dugouts as well as enhancing the overall appearance of athletic fields.

Sports Turf Company, Inc.

Whitesburg, GA
www.sod-turf.com
Booth 703

Lowdown: The company utilizes the latest in computerized laser technology in athletic field construction to ensure all grades are exact to specifications. Some of their products include the design and construction of the new practice fields for the Atlanta Falcons and field renovations at the University of Alabama.

Sports Turf Managers Association

Council Bluffs, IA
Booth 707

Sports Turf One, Inc.

Boynton Beach, FL
Booth 508

Lowdown: Provides professional

grow-in and maintenance of athletic and polo fields serving the private and public sectors.

Stabilizer Solutions, Inc.

Phoenix, AZ
www.stabalizersolutions.com
Booth 124

Lowdown: Specializes in natural, poly and fiber reinforced sport and recreational surfaces. Products include Stabilizer TurfGrids, Hilltopper Mound Mix and Stabilizer infield mixes.

StrathAyr Turf Systems

New Orleans, LA
Booths 802, 803

Lowdown: StrathAyr has provided a consistent natural grass sports field design longer than any other modern system. The sand rootzone is reinforced with ReFlex mesh elements and exhibits unparalleled player safety, load-bearing, anti-compaction and vigorous turf growth benefits.

Suntec Paint, Inc.

Gainesville, FL
Booth 711

Lowdown: Producers of Gameday Field Marking Paints, which contain no harmful ingredients. Aerosol

paints, striping machines and stencils are also available.

Textron Turf Care & Specialty Products

Racine, WI
Booths 215, 217, 219, 221, 223, 314, 316, 318, 320, 322

Lowdown: Textron products answer the needs of sports turf managers and include: Bob-Cot and Bunton mowers, Cushman turf vehicles, Ransomes mowers and Ryan aerators.

TifSport Growers Association

Athens, GA
Booth 511

TMSG-Typar Turf Blankets

Cary, NC
Booth 409

Toro Company, The

Minneapolis, MN
www.toro.com
Booths 415, 417, 419, 421, 423, 514, 516, 518, 520, 522

Lowdown: Toro is a leader in providing turf maintenance equipment and irrigation products for sports fields, including the Workman 2100 all purpose mid-duty vehicle and the Groundsmaster 3500-D, which incor-



Above: 36" Economy tow model, fully equipped on Yazoo-Kees® ZTR®

TURF-AIRE® ... aerating made easy!

Turf-Aire® aerators come as 36", 48", and 60" three-point hitch or tow units in economy or heavy duty models with tine selections from 48 to 160. All of these units are designed to service the golf industry, sport/turf industry,

and landscaping industry.

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Above: 60" Golf/Sport/Turf tow model with sand weight kit on John Deere® ProGator®



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Walk lightly and carry a big load. That's the general philosophy behind the John Deere Gator® Utility Vehicle. Thanks to high flotation tires, a Gator Utility Vehicle has the ability to get out of muddy, swampy terrain, while treading lightly on even the most sensitive turf. Even fully loaded, a Gator* weighs in at only 7.1 pounds per square inch (psi). That's impressive, especially when you consider most other utility vehicles have an average of 20 to 22 psi. Gator Utility Vehicles also feature hefty hauling and towing capacities, plus exceptional balance and stability. And with prices starting as low as \$5995**, there's no reason not to have a Gator on your turf. For more information, see your local John Deere dealer or call 1-800-537-8233.

*Psi for a Gator 6x4 **Price of a standard Gator® 4x2 Utility Vehicle

www.deere.com

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Nothing Runs Like a Deere™

porates full-deck rollers for field striping on a triplex rotary machine.

TruGreen Holding Companies

Memphis, TN
Booths 507, 509

Lowdown: Offers landscape management, installation, water management and tree care as well as various specialized services.

Turf Diagnostics & Design

Olathe, KS
Booth 623

Turf Seed, Inc.

Hubbard, OR
Booth 411

Turf Specialties

Winter Haven, FL
Booths 804, 805, 806

Lowdown: Turf Specialties manufactures fine turf, three-point hitch verticut equipment for athletic fields and golf courses in 3-, 4- and 5-foot widths.

Turf Time, LLC

Clearwater, FL
Booth 719

Lowdown: Markets an aerification and compaction relief system that benefits golf courses and other turf surfaces. The company's customer list includes many PGA courses as well as Stanford University, QualComm Stadium and nearly 50 other highly rated turf fields.

TURFACE/PROFILE Products

Buffalo Grove, IL
Booths 100, 102

Lowdown: Manufactures TURFACE and a full line of sports field products. Conducts sports field audits and consults on sand-based and native soil turf fields.

Turfgrass America/Thomas Bros. Grass

Granbury, TX
Booths 200, 202

Lowdown: Dedicated to providing the highest quality sod and sod-related services.

Ty-Crop Inc.

Chilliwack, BC
Booths 519, 521, 618, 620

Lowdown: Ty-Crop is the leading brand of simple to use, high perfor-

mance topdressing and material handling equipment, ranging from 1 to 5 cubic yard capacities.

United Horticultural Supply

Denver, CO
Booths 319, 321

Lowdown: UHS is one of the leading suppliers of chemicals, fertilizers and seed to the professional turf and ornamental industry.

West Coast Turf

Scottsdale, AZ
www.westcoastturf.com

Booth 315

Lowdown: Supplier of choice high profile arenas such as Qualcomm Stadium, Super Bowls XXVII, XXIX, XXX, XXXII and more.

Western Industries, Inc.

Miles City, MT
Booth 610

Lowdown: Manufactures full field covers, mound, plate and base covers, sideline covers, turf enhancement covers, batting practice protectors and wind-screens.

Whitlam Paint Company

Wadsworth, OH
Booth 500

Lowdown: Celebrating its 100th anniversary, Whitlam Paint specializes in the manufacturing of high quality athletic field marking paints, specifically designed for marking lines, numbers and logos on all types of fields.

World Class Athletic Surfaces

Leland, MS
www.wrldclass.com
Booths 211, 213, 310, 312

Lowdown: The company produces full lines of field marking paints, turf colorants, aerosol paints and turf stencils. World Class can supply the complete field package and any necessary technical support.

Zeneca Professional Products

Wilmington, DE
Booth 118

ZeoponiX, Inc.

Louisville, CO
Booth 723

Lowdown: Manufacturer of ZeoPro, the only zeoponic material available. This high CEC fertilizer and soil amendment improves rootzone nutrient storage and delivery.

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Jeff Fisher
Head Coach
Nashville, Tennessee

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Stop, Look and Listen

A list of all scheduled speakers at the 2001 STMA National Convention

Featured Speakers

Mr. Lee Roy Selmon

Thursday, Jan. 17, 10:30-11:00 a.m.

Lee Roy Selmon earned his way into both the College Football Hall of Fame and the Pro-Football Hall of Fame. Along the way, he amassed a tremendous record. During his senior year at Oklahoma University, he earned both the Outland Trophy and The Lombardi Trophy, was an Academic All-American and made the Dean's Honor Roll. As the first-ever draft choice of the newly formed Tampa Bay Buccaneers, he honed his skills to become such a dominant force on the team, his jersey (No. 63) is the only one they've ever retired. After a back injury forced his retire-

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Aera-vator®



I've been in the Grounds Maintenance business for 20 years. In my opinion, the Aera-vator is the greatest invention since the power mower. I came to the city of Brentwood as the Grounds Foreman and noticed right off the compaction problem in all of the public parks and athletic fields.

Since we purchased the Aera-vator it has made a dramatic difference in all our parks and athletic fields. This unit has allowed us to apply water, seed and fertilizer into previously bare areas with excellent results.

Dan Vehlewald
Grounds Foreman
City of Brentwood, MO



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Lee Roy Selmon, former defensive end for the Tampa Bay Buccaneers, is a member of the NFL Hall of Fame.

ment at the end of the 1985 season, Selmon continues to build on the positives as Associate Athletic Director for External Affairs at the University of South Florida. Selmon is creating a new legacy in his position as the associate athletic director at the University of South Florida, where he is helping to rebuild the school's football program. Said Athletic Director Paul Griffin: "Lee Roy Selmon is everything we want our students to be." In his presentation, Mr. Selmon will provide insight on "The Sports Turf Perspective: Pro Player to Associate Athletic Director."

Mr. Bucky Dent

Thursday, Jan. 17, 11:00-11:30 a.m.
Russell "Bucky" Dent honed his baseball skills as a three-time American League All-Star and played on two World Championship teams with the New York Yankees. In the 1978



Bucky Dent, veteran of 1,392 MLB games, was named MVP of the 1978 World Series.

Divisional Playoff game against the Red Sox, he shocked Boston with a three-run home run over the Green Monster at Fenway Park. Mr. Dent was named the 1978 World Series MVP as the Yankees won their second straight championship. He played in a total of 1,392 MLB games with the Chicago White Sox, New York Yankees, Texas Rangers and Kansas City Royals, compiling a .247 batting average. Mr. Dent is in his sixth season as the Texas Rangers' dugout coach and infield instructor. He also positions infielders during the games. He's known throughout the baseball world as one of the most respected defensive coaches. He also operates the Bucky Dent Baseball School in Boca Raton, Fla. In his presentation, Mr. Dent will provide insight on "The Sports Turf Perspective: Pro Player to Coach."

Mr. John Souter

Saturday, Jan. 20, 10:45-11:30 a.m.
John Souter is a Turfgrass Consultant based in Braco, Perthshire, Scotland. His relentless pursuit for safer and better sports turf has long been apparent in his work. His expertise has been instrumental in the construction and maintenance of major soccer pitches throughout the United Kingdom and in other parts of the world, including the U.S. He also has made a strong and continuing commitment to furthering the objectives of the profession worldwide. He was the 1998 recipient of the Harry C. Gill Memorial Award, recognizing the STMA groundskeeper of the year.

Product Preview



Broyhill's Home Run Ball Field Finisher

- With standard flip-up scarifier and 45 back slope level bar for easy grading, surface break-up, or landscaping
- 12" X 2" rubber flails with diamond grooves ensure quality pattern definition for all types of soil
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Bunton 2000 Series



The Bunton, 2000 series is engineered to allow the most appropriate options to create the machine most fitting for the job at hand. Updates to the series include:

- More engine options for longer life and higher fuel economy.
- A 12-gallon-capacity fuel tank to mow all day without refueling.
- A 72-inch cutting deck to cut up to 38 acres per day.

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Souter's presentation will bring us up to date on "New Technologies in Construction and Maintenance of Soccer Pitches."

Mr. Eddie Seaward

Saturday, Jan. 20, 11:30 a.m.-12:15 p.m.

Eddie Seaward is a head groundsman for The All England Lawn Tennis & Croquet Club of Wimbledon, home of the grand stage of professional tennis-Centre Court. He oversees the permanent staff of 14 in the care of the 34 grass and nine hard courts of the Club. Mr. Seaward began his career in 1959 as an assistant groundsman at a private school, local to his home. After serving 10 years there, he went on to hold the position of head groundsman at various sports clubs before joining The All England Lawn Tennis & Croquet Club in 1990 as head groundsman designate. He assumed his current position in 1991. In his presentation, Seaward will provide a behind-the-scenes view of "The Wimbledon Year."

...And the rest

Thursday, January 18

9:00-9:10 a.m.-Welcome-2001: Upward and Onward
STMA president Rich Moffitt, Munie Outdoor

9:10-9:45 a.m.-Certification: For You and Your Profession
Ross Kurcab, CSFM, Denver Broncos
David Fearis, CGCS, Blue Hills Country Club
Boyd Montgomery, CSFM, Sylvania Recreation

9:45-10:15 a.m.-The Sports Turf Perspective: College Player to Pro Player
Mike Newell, NFL Player

10:30-11:00 a.m.-The Sports Turf Perspective: Pro Player to Associate Athletic Director
Lee Roy Selmon, Univ. of South Florida

11:00-11:30 a.m.-The Sports Turf Perspective: Pro Player to Coach
Bucky Dent, Texas Rangers

11:30-Noon-The Sports Turf Perspective: Ask the Panel
Mike Newell
Lee Roy Selmon
Bucky Dent

"The STMA Convention is a great way for students to learn about the real issues facing the industry today. The convention also is a great place to look for jobs, internships, or just make contacts within our growing field."
-Brad Thedens

CONCURRENT SESSION I-1:15-4:30 p.m.

Each of the four topics in this set of concurrent sessions will run for 45 minutes. There will be a 15-minute break between the 2nd and 3rd topics in each session.

BASICS

Turf Aerification: What It Is and What It Does

John Mascaro, Turf-Tec International
What you'll hear: Turf aerification is one of the least understood management practices performed on turf. John will walk you through the invention and history of aerification and what it actually accomplishes for better and safer sports turf fields.

Why you should be there: John is the son of Tom Mascaro, who invented the aerifier in 1946. This slide presentation takes us back in time, before aerification was performed, with the

Product Preview



Pro's Choice

Soilmaster Select has a unique particle size blend that gives you the look of a professional ballpark. The small, uniformly-sized granules makes it the perfect infield topdressing. Use what the pros use, choose Soilmaster Select.

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Beacon Premium Nail Drags combine welded steel construction (powder coated) with plastic lumber nail supports and 5 1/2" x 1/4" spikes to create the best performing, most durable, daily grooming machines ever! All sizes ship UPS.



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aid of slides. The presentation also explains why aerification is performed and when it should be performed.

Topdressing: What, When, How and Why?

Dr. Trey Rogers, Michigan State Univ.

Roots: Getting to the Bottom of Turfgrass

Mary Owen, Univ. of Massachusetts

Give Your Sports Turf a Complete Physical

Dr. George Snyder, Univ. of Florida

What you'll hear: Because of the increasingly high demands that are placed on sports fields, managers need to know the composition and performance of the root zone media. The session will present the mechanics and interpretations of both laboratory and field analyses of the physical properties of sports turf fields. Methods and

specifications for choosing the root zone and for its modification will be discussed.

Why you should be there: Laboratory and field evaluations of sports fields are complex and expensive. The session will clarify these analyses and leave the attendees with a good understanding of the relevant analytical procedures and their interpretation.

CONSTRUCTION

Methods of Stabilizing Playing Surfaces

Ross Kurcab, CSFM, Denver Broncos

Working with Your Sod Producer to Grow Sports Turf Sod

Randy Graff, Graff Turf Farms

What you'll hear: Power point presentation explaining the benefits of the sports turf manager and the sod farmer working together to achieve the

highest quality in athletic turfgrass playing surfaces.

Why you should be there: Don't miss this opportunity to hear a point / counterpoint discussion between a sod farmer and NFL turf manager sharing ideas.

Sand-Profile Research

Josh Honig, Rutgers University
Chad Follis, Univ. of Missouri-Columbia

What you'll hear: Presentation of first year's Masters thesis date dealing with rootzone blends for sand-based athletic fields. Objectives include: to find an alternative to the standard 90/10 sand/peat rootzones; to increase nutrient and water holding capacity through natural materials; and to stabilize the rootzone for added safety and playability.

Why you should be there: The construction and installation of these rootzones is primarily being looked at for the high school and parks and recreation levels. They consist of a 6-inch cap over a standard drainage and irrigation system. Advantages of these rootzones are the use of natural materials such as topsoil, with increased infiltration and drainage of a standard sand-based rootzone. Hopefully these rootzones will decrease cost of construction, installation and maintenance.

Product Preview

Amino Acid Biofertilizers

Amino acids are the building blocks of all proteins. *Macro-Sorb* and *Quelant* biofertilizers provide natural L-amino acids and essential nutrients for normal growth and development of plants. They are an economical and ecologically sound approach to maintaining healthy turfgrass.

Maximum protection from stress!



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2653A Utility Mower

The John Deere 2653A Utility Mower, often cited as the best three-gang utility mower in the business, has gone through a number of improvements. The new cutting unit motors have improved load plates, seals, and in-line hydraulic ports for better oil flow within the motor. Which improves cutting operations, especially when scalping or verti-cutting. A new reel pump on the 2653A makes for a more responsive hydraulic system.



JOHN DEERE

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The Sand Cap Field: Construction & Grow-In

Jody Gill, Blue Valley School District

What you'll hear: If you think it's time to consider a sand-based field but can't afford the NFL version, a sand cap field may be the answer. We will discuss design criteria, including subgrade, drainage, irrigation, pea gravel and sand selection, sand stabilization and turf types. Every step in the construction process will be covered from rough grade to established turf.

Why you should be there: This PowerPoint presentation is loaded with great pictures and is from the unique perspective of a school district grounds coordinator who also functions as the owners representative on all sports field projects. The Blue Valley School District Grounds Department designs and installs its own irrigation systems and is responsible for installation and grow-in of all turf. District crews working along with contractors to build 13 sand-capped soccer, football, softball and