1. Bobcat's Toolcat 5600 utility work machine has four new attachments, rear hydraulic and power take-off (PTO) kits, and an enhanced drive system. The company says the unit combines all the best features of a utility loader, pickup truck, and attachment carrier. A Brushcat rotary cutter, sweeper, landscape rake, and combination bucket join more than 25 attachments already approved for the machine.

Bobcat Company/866-823-7898
For information, circle 059 or see http://www.oners.ims.ca/5905-059

2. The Broyhill TerraForce turf utility vehicle has a 1-ton payload and 18-mpg ground speed. Features include Kohler 18-hp, V-Twin cylinder engine and multi-leaf, new 5-speed transmission, high-travel front suspension, and rear-accessible drive train for simple maintenance. Also provides a foundation for dedicated attachments including the SpraMate 160-gal. and 210-gal. sprayers.

Broyhill/800-228-1003 ext. 34
For information, circle 060 or see http://www.oners.ims.ca/5905-060
3. The SideWinder Power Rake from Turf Teq, LLC is a tool for all types of soil preparation. The unit features a 36-in. wide drum. The pivot angle of the drum can be adjusted to the left or right from the operator position. The unit also features a hydrostatic transmission, 13-hp Honda engine and on-the-go differential lock.

Turf Teq, LLC
For information, circle 064 or see http://www.oners.ims.ca/5905-064

4. Club Car has incorporated the high-performance power source into its line-up of utility vehicles. Known as IQ Plus, the powertrain enables electric utility vehicles to handle the same tough jobs that once required the strength of gasoline-powered vehicles. The system's high-output charger and eight 6-volt battery configuration gives vehicles a best-in-market range of 80 miles on a single charge. This gives users confidence that the vehicle can run all day without worrying about down time to recharge.

Club Car
For information, circle 063 or see http://www.oners.ims.ca/5905-063
5. **Husqvarna utility vehicle**

Husqvarna introduces the new HUV 4210GXP, which offers an 11.5-hp Kawasaki engine with a towing capacity of 800 lbs. Features include a tilting bed box, lift-style tailgate, headlights, bench seat and tight turning radius. The frame was built using a rustproof Aircraft grade aluminum and the leaf spring suspension with dual hydraulic shocks provides a comfortable ride.

Husqvarna
For information, circle 061 or see http://www.oners.ims.ca/5905-061

6. **Newest Gator models**

A new standard Operator Protective Structure (OPS) with lap and shoulder belt and expected Deere durability make the Gator HP Series among the toughest and most robust utility vehicles on the market. Customers will also benefit from an improved suspension that offers a smoother, more comfortable ride during "normal" off-road use. An optional heavy-duty front suspension kit is also now available for full cab machines and/or front-blade use. A redesigned Tier II diesel engine that offers performance and a quieter ride for operators of the Gator HPX 4x4 Diesel.

John Deere/800-537-8233
For information, circle 062 or see http://www.oners.ims.ca/5905-062
Blustery conditions, giving spirit characterizing SAFE/Jacobsen golf tourney

By Patrick Allen

Windy conditions and a tough course made for scarce scoring opportunities at the Sixth Annual SAFE/Jacobsen Golf Tournament held January 18 at the ChampionsGate Golf Club in Orlando. However, the most notable statistic of the day was not posted on the leader board. The tournament raised an astonishing $17,515 for the Foundation for Safer Athletic Field Environments (SAFE), a new record for the event. In his 4 years with Jacobsen and at his third golf tournament, Joe Zvanut, Jacobsen’s sales promotion specialist, has seen the field grow from fewer than 80 to 138 participants this year and seen the money grow as well. He said, “The object of the tournament is to have a reliable source of income for the SAFE Foundation that is expandable for the future.”

Jacobsen, a Textron Company, has been sponsoring the SAFE/Jacobsen Golf Tournament at the STMA Conference and Exhibition for 6 years, with Zvanut and Monty Montague, regional sales manager out of Phoenix, spearheading the recent efforts. Zvanut said that Jacobsen originally got involved with the tournament solely because of the SAFE Foundation. When asked what specifically drew Jake to SAFE Zvanut said, “We feel that SAFE espouses the same commitments and beliefs that we hold at Jacobsen. We strive to provide the finest turf on earth, and we feel that dovetails quite nicely with SAFE and its commitment to educating the turfgrass professional.”

Each year, Jacobsen scours the region where the STMA Annual Conference and Exhibition is being held, seeking out a top-100 course or a course that hosts a major event, sometimes even a PGA Tour stop. The World Points Father/Son Challenge took place at ChampionsGate in December 2005. With the STMA Conference being in San Antonio next year, there will be a multitude of potential hosts. One option is The Quarry, famous for its back nine that plays in the bottom of a 100-year-old quarry pit.

By scheduling the event at these prestigious venues, according to Zvanut, “Jacobsen hopes to provide all the golfers with a unique golf experience on a course that they may not normally get to play.” With 44 years of playing experience under his belt, Zvanut joked that he has yet to really learn the game, but enjoys being able to provide a challenging, yet fair test to the players in the tournament.

Big-time prizes
The prizes this year included: Ping G5 Drivers for each player on the winning teams in each flight; a golf bag emblazoned with the STMA and Jacobsen logos for each player on the second place teams; and gift certificates for merchandise at the pro shop for the third place teams. In addition, pro shop gift certificates were issued for closest-to-the-pin on two holes per flight and one long-drive hole per flight.

When asked what they may do to keep the event growing, Zvanut said, “Jacobsen may potentially sell hole sponsorships (tee and green), thus increasing donations to SAFE by allowing 36 extra opportunities. Also, we may change the prizes so that the winners can take the prize or have the cash equivalent of the prize donated back into the SAFE Foundation. These are both items that have been discussed but are yet to be finalized.”

Whatever changes are made, one thing is for sure: The Annual SAFE/Jacobsen Golf Tournament provides turfgrass education students with opportunities and STMA members with memories.

Winners

Jacobsen profile
For 85 years, Jacobsen brands have maintained the athletic fields at many of the highest profile venues in all of sports. The multi-brand company manufactures a full range of turf maintenance equipment, and personnel and burden carriers for the golf course, professional lawn care, sports field and general grounds maintenance markets. Jacobsen also supports university-conducted research projects to enhance the playability and safety of athletic fields. Jacobsen is proud to be associated with the Sports Turf Managers Association and are pleased to sponsor the annual SAFE Foundation Golf Tournament.
STMA awarded its highest honors, The Founders’ Awards, at the 17th annual STMA Conference and Exhibition, which was held in Orlando January 18-21. The awards, which are kept secret from the winners, were presented to four members during the annual awards banquet Friday, January 20. The awards are named in honor of STMA’s founding members: Dick Ericson, Dr. William H. Daniel, George Toma and Harry C. Gill.

Floyd Perry, owner of Grounds Maintenance Services in Orlando, received the Dick Ericson award, which is given to a sports turf manager who positively impacts the sports turf industry and exhibits effective team leadership. Jeff Fowler from Penn State Cooperative Extension received the Dr. William H. Daniel Award, which acknowledges his significant contributions to the sports turf industry through research, teaching and extension outreach. The George Toma Golden Rake Award, which acknowledges an individual’s strong work ethic and job performance, was presented to Jim Wiggins from the Tomball Texas Independent School District in Tomball, TX. The Harry C. Gill Memorial Award was presented to Bob Christofferson of the Seattle Mariners. The Gill Award recognizes an individual for their hard work in the sports turf industry and acknowledges their dedication and service to STMA.

Perry has owned and operated Grounds Maintenance Services since 1992, and has devoted his time and energy to the motivation, education, and training of those involved in athletic field maintenance. Traveling to all 50 states to deliver presentations, Perry is much in demand as a public speaker. He also serves as an athletic field consultant and is involved in contract service work for athletic field refurbishing in Central Florida. He served as the head groundskeeper for the softball venue for the 1996 Summer Olympics in Columbus, GA. Before forming his own company, Perry was employed for 5 years as the Director of Baseball for the Boardwalk and Baseball theme park in Baseball City, FL. From 1971 to 1987, he was the head baseball coach and facility coordinator at Valencia Community College in Orlando. He has authored four groundskeeping pictorial guides and produced a three-part video presentation that highlights timesaving techniques for baseball, softball, soccer and football field maintenance.

Fowler is the County Extension Director for Venango and Forest Counties in northwest Pennsylvania. He has been working for The Pennsylvania State University as a County Extension Educator since 1988. He has his Bachelors Degree from Delaware Valley College and his Masters Degree from Penn State. Fowler is the editor of the quarterly newsletter, “Between the Lines,” which is published by the Pennsylvania Chapter of STMA. He serves on the Board of Directors for Keystone Athletic Field Managers Organization (Pennsylvania Chapter of STMA), as well as serving on many boards including the Red Cross and the United Way Funds Distribution. He and his wife have one child, 11-year-old Evan. Fowler is a volunteer for his local Little League and also volunteers at the Little League World Series.
A new chapter of STMA, the Sports Turf Managers of New York (STMNY), was officially installed at the STMA Conference during the Chapter Officers Training Session (COTS) January 17 in Orlando. This brings the total to 26 chapters affiliated with the association. Welcome to the Chapter Network, STMNY!

Sports Turf Managers Association of Arizona: For information on the Chapter or upcoming events, contact Chris Calcutt, CSFM at e-mail: chrisc@peoriaaz.com or call 623/412-4231 or Bill Murphy, at e-mail: bmurphy@ci.scottsdaleaz.gov or 480/312-7956.

Chesapeake Chapter STMA (formerly called Mid-Atlantic Athletic Field Managers Organization - MAFMO Chapter STMA): For information on the Chesapeake Chapter, contact Graham Davis at gbdavis@american.edu or call 301/495-5522.

Colorado Sports Turf Managers Association: For more information about CSTMA visit our website at www.cstma.org or call the Chapter Hotline at 303/346-8954 or President Ken Nordosky at 720/427-4174, or email knordosky@auroragov.org.

Florida #1 Chapter: On March 23, 2006, the IFAS - University of Florida Field Day will be held in Davie, FL. For information on the Florida #1 Chapter or upcoming events, visit the Florida #1 Chapter page on STMA’s website or contact John Mascaro at 954/341-3115 or STMA@turf.tec.com.

Gateway Chapter Sports Turf Managers Association: For information on upcoming events or on the Gateway Chapter, contact Mike Krone, Missouri Baptist College at 314/392-2328 or e-mail krone@mobap.edu.

Georgia Sports Turf Managers Association: For information on the Chapter or upcoming events, contact Skip Kirby at 770/928-1580 or by e-mail at skip@sportsturfmanagement.com.

The Greater L.A. Basin Chapter of the Sports Turf Managers Association: For more information on the Chapter or upcoming events call Carol Gundlach, CSFM at 909/594-5611 ext. 5174 or e-mail cgundlach@mtsac.edu.

Illinois Chapter (formerly Midwest Chapter) STMA: For information on the Illinois Chapter or upcoming events, call chapter secretary Libby Baker at 847/263-7603 or e-mail Bake60ft6in@aol.com.

Iowa Sports Turf Managers Association: For information on the Chapter or upcoming activities visit www.iowaturfgrass.org or contact Jeff Wendel, CGCS of The Turf Office at 515/232-8222 or fax 515/232-8228 or e-mail Jeff@iowaturfgrass.org.

Keystone Athletic Field Managers Organization (KAFMO/STMA): For information on the Chapter or upcoming events, contact Dan Douglas, Reading Phillies Baseball Club at 610/375-8469, ext. 212 or by e-mail to: kafmo@aol.com.

Kentucky Sports Turf Managers Association: For information on the Chapter or upcoming events, go to www.kystma.org or contact Donnie Mefford at dbmeff00@email.uky.edu or call 859/257-1451.

Michigan Sports Turf Managers Association (MiSTMA): For information on the Michigan Chapter, visit their website at www.mistma.org or contact Chad Follis at 269/377-3340 or 269/381-0596 or by email at chadfollis@farmngarden.com.

Minnesota Chapter STMA: For information on the Minnesota Chapter, or upcoming events, visit the Chapter website at www.mimstma.org or contact President Tom Adamini at 952/963-2420 or by email at tadamini@ci.apple-valley.mn.us.

MO-KAN Sports Turf Managers Association: For information on the MO-KAN Chapter or upcoming events, contact Paul Hecker at 913/971-9717 or by e-mail at phecker@olatheks.org.

New England STMA (NESTMA): For information on the New England chapter or upcoming events, contact David Pinsonneault at 781/861-2757 or e-mail dpinson@ci.lexington.ma.us or Nick Caggiano at 603/589-3370 or e-mail caggianon@ci.nashua.nh.us.

Ohio Sports Turf Managers Association (OSTMA): For information on the Ohio Chapter, contact OSTMA headquarters at 614/354-1196 or
on the grounds crew. He is a Third-generation County Extension Educator, following in the footsteps of his father and grandfather. Fowler’s educational programs and research are focused primarily in the area of turfgrass management and athletic field safety. He has visited hundreds of fields providing recommendations on making the playing surfaces safer, and has given presentations all over the Northeast. He serves as the chair of the editorial sub-committee for SportsTurf, has been on the program planning committee for the STMA annual conference, and is currently serving on the education committee.

A 15-year employee of the Tomball ISD, Wiggins has been the school district’s athletic grounds supervisor for the past 4 years. He oversees the field and practice areas for football, baseball, softball, soccer and tennis. His softball and baseball fields received 2004 Field of the Year honors from the Texas Turfgrass Association. The softball field was also named the 2004 National Fastpitch Coaches Association/TurfAce High School Field of the Year. In 2005, the football field was honored as the Texas Turfgrass Association’s Field of the Year. Wiggins also devotes time as the clock operator for football games and both boys and girls basketball games. He volunteers his time to community organizations by preparing the practice areas for the local Little League and for Tomball’s developmental children’s version of Special Olympics. He attended and played baseball at Rose State College (formerly Oscar Rose Junior College) and also attended the University of Oklahoma. Jim and his wife, Cheryl, have two children, Shannon and Nick, who are his constant supporters.

Christofferson is entering his seventh season as head groundskeeper for the Seattle Mariners at Safeco Field. During his tenure, Safeco Field has been host to the 2001 All Star Game, American League Playoff games, an NCAA football bowl game, and World Cup qualifying soccer matches. Previously, he spent 20 years in the Pacific Coast League in Tacoma in a dual role as Stadium Manager and Head Groundskeeper at Cheney Stadium. In 1992, MLB presented Christofferson with its first-ever PCL Groundskeeper of the Year Award, which he received again in 1998 and 1999. He has been a member of STMA since 2001 and serves on the Conference Committee. He was instrumental in developing the Pacific Northwest Chapter of STMA and was its first president from 2001 through 2004.

The STMA Conference and Exhibition brought more than 1,000 conference attendees, an association record high, to Orlando for classroom and hands-on education. This was a 10 percent increase in attendance from the 2005 conference in Phoenix. Integral to the conference was the 86,000-square foot exhibition that showcased the sports turf industry’s products, services, and equipment of more than 155 companies.
Pesticides on Turfgrass
Jay Gan, Ph.D., University of California, Riverside
Bruce Kidd, Dow Agro Science
Maintenance of high quality sports turf, including golf courses, rely on the adequate use of pesticides in order to protect against pests, and restore the competitive balance in favor of the turf. This session will cover two facets of pesticides on turfgrass. One will be the fate of pesticides in the environment and strategies for minimizing pesticide runoff and offsite movement. The other will cover cultural and chemical practices for managing specific weeds in turfgrass with various stressful conditions. Examples will be drawn from golf courses and professional sports fields, all the way down to your children's best-up soccer fields, with suggestions on how you can help create and maintain a safer and better performing turfgrass.

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Efficient Irrigation Management for Sports Fields
Dave Minner, Ph.D., Iowa State University
Lyndy Wrightman, Hunter Industries
Learn why sprinklers have brown "doughnuts" around them in your turf! Why are some areas dry versus soggy right next to each other? What is the difference between "efficiency" versus "uniformity" in irrigation systems? How do we manage all of this?

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Evaluating and Amending Soil
Kurt Kurtz, Ph.D., Calif. State Polytechnic Univ., Pomona
Dirk Muntean, Soil and Plant Laboratory, Inc.
Maintenance of high quality sports turf, including golf There are many types of soils used for the construction and establishment of turfgrasses on sports fields. Poor soil physical properties and fertility imbalances reduce turf health, quality, and performance. Many potential problems can be solved by thorough examination and correction prior to turf planting. This session will provide the turf professional with a check list of potential problem areas that can be adjusted or corrected prior to turf installation by considering types of soil materials or soils, pre-plant fertilizers, and organic amendments.

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Synthetic Infill vs. Natural Turf
A.J. Powell, Ph.D., University of Kentucky
Darren Gill, FieldTurf
The examination of construction, maintenance, renovation, repair and other costs for a natural grass field and synthetic infills including as testing for safety and performance. The differences between polyethylene yarn type synthetic infills and nylon non-filled fields that have higher sports shoe traction test results and the ball bounce and rebound that closely resemble the performance of a natural field will be explored.

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Managing Healthy Sports Fields
Tom Samples, Ph.D., University of Tennessee
Paul Sachs, North County Organics
Many of today's new products and technologies can help sports turf managers maintain healthy, wear-resistant turf. Timely mowing, fertilization, watering, aeration and pest control are fundamental. Learn that the vast majority of soil organisms are beneficial in a functioning ecosystem.

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Developing an Aerification Program for Sports Fields
Trent Hale, Ph.D., Clemson University
Dale Getz, The Toro Company
Learn how aerification of both warm-season and cool-season turfgrasses is an essential part of a good sports field maintenance program. The primary benefit of core aerification is to alleviate soil compaction. However, there are many other benefits of a routine aerification program, including water infiltration, compaction relief, air exchange, seedbed preparation etc.

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