

Membership Application

SportsTurf MANAGERS ASSOCIATION

Experts on the Field, Partners in the Game.

Fax to: (785) 843-2977

Or mail with payment to:
Sports Turf
Managers Association
P.O. Box 414029
Kansas City, MO 64141

Name _____ Title _____

Employer/ Facility _____

☐ Business ☐ Home

Address _____

City _____ State _____ Zip _____

Home phone _____ Work phone _____ Cell phone _____

Fax _____ Email _____

Signature _____

Direct Supervisor Name _____

Membership Category:

☐ Sports Turf Manager \$110

☐ Sports Turf Manager Associate* (Additional member(s) from the same facility) \$75

Please select the primary facility type where you are employed:

☐ Professional Sports ☐ Higher Education ☐ Schools K-12 ☐ Parks and Recreation

☐ Academic \$95

☐ Student (verification of enrollment) \$25

☐ Commercial \$295

☐ Commercial Associate* (Additional member(s) from the same commercial company) \$75

☐ Affiliate (Person who is indirectly or on a part-time basis, involved in the maintenance/management of sports fields) \$50

☐ Chapter Dues (contact headquarters for amount)
Chapter name) _____ \$ _____

☐ Contribution To SAFE Foundation (research, education and scholarship): \$ _____

Total Amount Enclosed: \$ _____

Payment Method:

☐ Check ☐ Money Order ☐ Purchase Order #: _____

Credit Card: ☐ Mastercard ☐ Visa ☐ American Express ☐ Discover

Name on Card _____

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Signature: _____

*There must already be a national sports turf manager from your facility or commercial member from your company before you may sign up in the Associate category.

"I know I am a better sports turf manager because of this association. As sports turf managers, we take the challenge seriously to make our fields the best possible for the next game. The resources I have access to through STMA helps me do it."

— Bob Campbell, CSFM
Higher Education
Membership Segment

Phone: 800-323-3875

www.STMA.org

ALPENROSE STADIUM, Portland, OR

- ◎ **Level of Submission:** Schools/Parks
- ◎ **Category of Submission:** Softball
- ◎ **Head Sports Turf Manager:** Mike Hebrard
- ◎ **Title:** Head Groundskeeper
- ◎ **Education:** Master's Degree in HPE
- ◎ **Experience:** Mike was the bullpen catcher and head groundskeeper for the Amarillo Gold Sox (Texas League) AA affiliate of the San Diego Padres, 1979-82; lawn seed sales, Pro Time Lawn Seed, 1985-93; owner of Athletic Field Design, 1993 to present, all athletic fields grass and synthetic.
- ◎ **Other crew to recognize:** Jesse Johnsen, Sammy Field & the Alpenrose staff; also Anthony Paul Murillo, Bob Proctor, and Andy Hebrard.
- ◎ **Original construction:** 1956
- ◎ **Renovation:** 2010
- ◎ **Reason for renovation:** There are approximately 180 games a year plus family picnic games. With the ESPN 2 coverage for the Little League Softball World Series, we try and make Alpenrose Stadium a true showcase for Little League International, Alpenrose Dairy and District 4, AFD supporters and sponsors.
- ◎ **What was done:** Sod cut and lips removed from grass edges, topdressed with washed sand, aerated and slice seeded with perennial ryegrass and fertilized. The outfield has been topdressed with washed sand for the past 10+ years with a 1/4" each year. Due to skin infields the past 3 years, an elimination of fungicides application since we didn't have to try germinate grass in 90+ degree weather.
- ◎ **Turfgrass variety:** Perennial ryegrass
- ◎ **Rootzone composition:** Native soil, clay/loam, sand added with renovation
- ◎ **Overseeding:** We topdress first, this allows the aerator to push sand into soil profile, and since the plugs get coated with sand, they tend to dry out quicker and allow them to break up more when slice seeded. We don't have the resources to remove the plugs, so this also allows us to reuse the soil to fill in low spots. If we aerate first the plugs are matted into the soil profile when it topdressed. We seed at 7 lbs per 1000 sq ft and topdress with 25 cubic yards of washed sand topdressed.
- ◎ **Drainage:** No drainage system.

Challenges

The most unique challenge for the grounds crew was the short window we had in converting Alpenrose Stadium from a traditional and regulation little league baseball playing surface to a traditional and regulation softball playing surface, and back again.

JOHN MASCARO'S PHOTO QUIZ

Answers from page 17

The brown line in early January on this field is the result of a growth cover that separated. (You did not overthink the reason for this line I hope.) Since this part of North Carolina is in the transition zone, many bermudagrass fields in this area are overseeded. Since this soccer stadium had no late play and did not have a match until April 1 however, the Sports Turf Manager felt like they had plenty of time to get the bermudagrass green for the first match. The crew put covers on the field at the end of November and left them down until 2 days before the match. They did remove the covers in late January to put out an application of pre-emergent herbicide and that is when this area was discovered. They actually caught the cover separation with plenty of time and covered it back up prior to the event. Standing on top of the spot you could slightly see the line but you could not see it from the stands and the field played very well for the event.

Photo submitted by Jimmy Simpson, CSFM, facility works expeditor for the Town of Cary, Cary, NC. ■



If you would like to submit a photograph for John Mascaro's Photo Quiz please send it to John Mascaro, 1471 Capital Circle NW, Ste # 13, Tallahassee, FL 32303 call (850) 580-4026 or email to john@turf-tec.com. If your photograph is selected, you will receive full credit. All photos submitted will become property of *SportsTurf* magazine and the Sports Turf Managers Association.

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“Maumee Bay Turf Center is a quality builder of Synthetic and Natural Turf Fields and we use the Hydraway 2000 drainage system because of the quality that our customers demand. It's easier to do the job right the first time, rather than taking short cuts with lower quality systems. We like the compressive strengths and the ease of installations. This is by far the best system on the market; we have been very pleased with the performance and quality of the Hydraway systems we use.”
— Brad Morrisort
Sportsfield Construction Division | Maumee Bay Turf Center



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This process consisted of having to strip the normal grass infield and install a softball skinned infield. More than aesthetically pleasing, we had to install a playing surface that was more importantly a safe playing surface, a playing surface that allowed for better and more consistent playability for players, as well as coaches and umpires. All of this had to be done with only 26 days of preparation.

We had from July 13 to August 7 to pull off this enormous task, as the World Series ran from August 8 through August 15. This gave us 19 days in the month of July and 7 days in the month of August. We had to remove the turf and its netting without taking out too much (native) soil and disturbing the grade of the infield. This was a very labor intensive process that took the majority of man hours, budget dollars, materials cost, and equipment use.

In order to preserve as much of the infield soil as possible and without disturbing the grade of the field as much as possible a traditional sod cutter was used. Additionally, we had to remove all existing turf and scraps from the infield with as little disturbance to left field as much as possible. The left field gate serves as the only entrance and exit for equipment used on the field.

We saved many, many man hours by using an experienced and expert ASV operator that completed this task with precise operation. This lightweight piece of equipment with rubber tracks served as an excellent piece of equipment in allowing very, very little disturbance to the grade of the infield and the turf in the outfield. Also, $\frac{3}{4}$ " plywood was laid from the left field gate through left field to the edge of the infield dirt between shortstop and third base to serve as protection to the turf. By using the ASV a whole $\frac{1}{4}$ day was saved in what would have been a normal a full day process.

We had to research and find the best quality of dirt to be transported in to install this newly skinned infield. This dirt had to be clean, free of rock and waste debris and more importantly, this dirt had to be of World Series quality that would provide a safe, consistent and stable playing surface that any levels of fast pitch softball would want to play on. We also had a language barrier with crew that added to our challenge.

SportsTurf: Your job is different from most FOY winners. Please describe what your company does and tell us who some of your customers are.

Hebrard: Going into my 20th year of basically doing any type of athletic field work that a school, park or college might need. I started off by cutting lines for the local high school football fields and of course they asked if I could do numbers and yard marks, then asked if I could do logos. I responded I never have done that before, so gradually I learned on

everyone else's dime. That was also the 1st year that the Local Little League District 4 bid on bringing the Major Girls Softball World Series to Portland and having Alpenrose Dairy and their fields hosting.

I do football and soccer layout and lines for most of the high schools in the Portland area and have established what I call the Corn Dog Circuit which is small schools that are over an hour's drive. I have also done specialized painting on synthetic turf for local colleges such as Oregon State and Pacific University as well as most of the lacrosse on grass and turf. Also I maintain youth baseball fields, aerating, topdressing, slice seeding, laser grading and layout working with the league volunteers.

SportsTurf: What channels of communication do you use to reach your customers' coaches and administrators? Any tips on communicating well?

Hebrard: I try to attend, present or display at their annual clinics or conventions and advertise in their directories. I try to stay away from the tournament publications as they are only used for a short period of time where as a directory even with our high tech web tags still gets looked at all year. I usually donate a lawn art certificate to their auctions that promotes other things I can do as well as places a value on the work. I try to attend other sports at big events even basketball. I usually have some wise guy say, "What are you going to do paint the court?" I was involved with college basketball for 9 years and was an assistant coach when we played Indiana State and Larry Bird. And I have painted outdoor basketball courts as well.

SportsTurf: What do you find most enjoyable about your job? What do you find most distasteful?

Hebrard: Going to a disaster and leaving later in the day with everyone happy and the game going on! I really enjoy painting the logos for special events, birthday, golf tournaments and ball games. I always have someone ask me why I don't have the crew paint them. And I usually say why would I want to pay someone to do the fun stuff?

As for the bad stuff, it is keeping the equipment running! I have very specialized equipment and have most of it modified to my needs. I probably have more than 20 small engines to operate machines and more than six paint machines. Back ups for a back up. My wife said she can envision my son Andy taking over the business and me repairing the equipment. I said I don't like doing now, why would I want to do it if I was trying to retire?

SportsTurf: How did you get started in turf management? What was your first sports turf job?

Hebrard: Upon moving to Amarillo, TX to be an assistant basketball coach for West Texas State, I had a couple people I knew on the AA affiliate of the San Diego Padres the Amarillo Gold Sox. So I went to a couple of games and was dumbfounded when I saw how bad the field was! One of my jobs with the college was to sell tickets to our basketball games and the guy that just bought the Gold Sox always got involved in the community. He saw in my bio that I caught a little in college and asked if I wanted to be their bullpen catcher. I told him since we had no obligations with basketball in the summer that I might try and get a job where I could get off early to work out with the team. He said why don't

you help the head groundskeeper? Well the first day I ended up telling the old guy what to do and I didn't know anything. Needless to say I brought up the level of work which he couldn't keep up with and left by the end of the month. Well when the mound was crummy the night before, I'm in the bullpen with the pitchers and they tell me what they thought, I take ground balls from the infielders, they told me what they thought, I shag flies with the outfielders and they told me what they thought. So I learned by fire! Also I would get a roving instructor come in town and give me some pointers as well as going on a road trip and get to the yard early and talk to other groundskeepers.

SportsTurf: What changes if any are you considering or implementing for the winning field in 2012?

Hebrard: Well since getting in the room at 2 in the morning after receiving the FOY award, getting up @ 5 for the flight back to Portland arriving at 12:30. Hoping to get some sleep before our Old Timers Banquet, (Dale Murphy, our guest speaker) Since my wife and I are involved in the organization she wanted to go early so I cleaned up and went with her. I also buy 2 tables to thank people that have helped me during the year, and had to help someone draw the tickets for the raffle prizes in another room when I heard my name called. The Organization presented me with a Merit award for my work with youth baseball fields including Alpenrose Stadium. Coincidentally, Dale grew up in Portland and played at Alpenrose and mentioned that some of his best memories of playing baseball happen there. Upon presenting the award to Carl Cadonau of Alpenrose Dairy he mentioned to me that he wants to convert the East field into the New Intermedi-

ate level playing surface that Little League International is now promoting. Just need to remove 27 curly willows, add another 50 feet all around and build a 5' retaining wall! I want to have an interactive contest for Softball World Series follower to have a chance to vote on which pattern we do on the infield. I'm still trying to get the upgrade of the electrical power to the fields so that we can improve the lighting, hope to get some drainage on one of the fields each year and just simply maintain our strive for excellence!

SportsTurf: How do you see the sports turf manager's job changing in the future?

Hebrard: More attention to detail and budget. I can see that the use of cell phones will be invaluable to the groundkeeper as the instant acquisition of apps allows for a quick accurate answer to their needs. Plant of disease recognition, field measurements, Google earth and so on! Less and less help but more versatile equipment. ■

The STMA Field of the Year Awards began in 1988 and are given annually in baseball, football, softball, soccer and sporting grounds in three levels: professional, collegiate and schools/parks. A panel of 11 judges independently scores the applications and the winners are announced at the STMA Annual Conference and Exhibition. Winners receive signature clothing, complimentary conference registration, three night's accommodations and a trophy for display. The Field of the Year Program is made possible through the generous donations of Carolina Green Corporation, Ewing Irrigation Products, Hunter Industries, and World Class Athletic Surfaces, Inc.

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Pictured Bryant-Denny Stadium | University of Alabama

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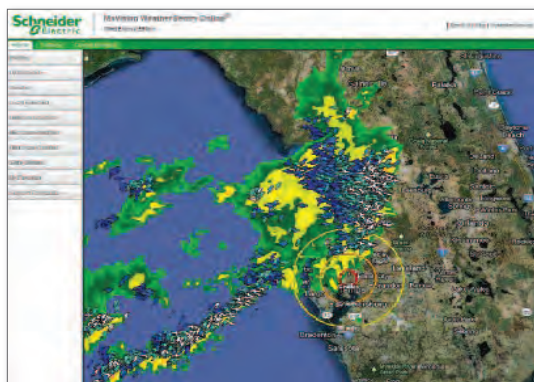
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Latest storm warning product update

Editor's note: The information presented here was supplied by Lauren Manix from Tunheim Partners for Schneider Electric.

THE NORTHWEST INDEPENDENT SCHOOL DISTRICT (ISD) is located in the northwest corner of the Dallas-Fort Worth metroplex. The district has 14,000 elementary, middle school and high school students, with total enrollment expected to double by 2030. There are two high schools, Northwest and Byron Nelson. Northwest High School has more than 3,200 students and more than 1,200 of them are involved in outdoor activities.



Like most Texas high schools, Northwest High School's primary weather challenges are lightning, severe storms, tornadoes and high winds. Northwest ISD includes the two high school campuses and a shared stadium located approximately 1 mile from Northwest High School. The district needed a solution that would provide critical alerts and weather information for all locations.

Northwest ISD has 10 user licenses to Schneider Electric's MxVision WeatherSentry Online Turf Edition professional package. The system provides access both online and via mobile device, and includes Alert Manager, Lightning Manager, MxVision Weather Information Notification System (WINS), and the ability to ask weather questions to an experienced meteorologist any time of the day or night.

Alert Manager notifies the team of significant weather changes within their chosen coverage area. This customizable tool can also sound alarms for changes to weather conditions like wind speed, or when the National Weather Service issues a watch, warning or advisory.

Lightning Manager gives advance warning to dangerous weather conditions by using real-time lightning data rather than predictions that can lead to false alarms or delayed reporting after lightning has struck.

MxVision WINS delivers instant, personalized weather alerts on any email compatible cell phone,

PDA, pager or PC. It constantly monitors user-specified weather parameters at chosen locations, allowing turf managers to focus on other duties.

"A week after subscribing to the product, I received a text alert for lightning in our area," said Scott Fletcher, Northwest High School's head athletic trainer. The school receives a watch alert when lightning is detected within 30 miles, and a warning when lightning is within 10 miles.

School policy dictates students must be moved indoors when lightning is detected within 10 miles. "At this time, not only did we move the freshman football team to our indoor practice facility, but we moved the band indoors as well," Fletcher continued. "Less than 5 minutes after we had everyone inside and safe, our band director witnessed a lightning bolt hit the parking lot where the band was practicing. In light of this event, we already consider the system as having paid for itself, as it prevented injury to our 150 band members."

In addition to the watch and warning lightning alerts, the school receives an all-clear alert, letting them know when it is safe for student athletes to return to the field. District policy states they must wait until 30 minutes after the last lightning strike detected within 10 miles, before returning outdoors.

They also have alerts set for precipitation and high winds. "Our coaches like to know what's coming," Fletcher stated. "When rain is expected, they may put away their good equipment, or move practice indoors all together."

The district is currently working on a heat policy. Fletcher said when it is established he will set an alert for heat indexes as well.

The location-based alerts and forecasts enable the district to monitor up to six locations at a time. "We looked at the other systems out there, but would have had to purchase a different system for each campus," Fletcher said. "With this system we can monitor all locations, plus we can change locations when on the road, and get alerts for away games."

Exclusive to Schneider Electric's product is the online consulting tool, which is available 24/7. This allows you to type in a weather question and receive an answer from a Schneider Electric meteorologist within 15 minutes. "We use the consulting quite a bit — typically asking whether or not we can practice that afternoon," said Fletcher. "It's nice to get a professional's opinion, and to have them verify what we're seeing. They get back to us quickly." ■

Q&A

Q: What infrastructure and technology must be in place to install and use the package?

A: No existing infrastructure is necessary. MxVision WeatherSentry Online is a web-based solution that can easily be accessed anywhere—at the office, on the field, or at home. The solution is accessible on PCs, tablets and mobile devices for ease of access across platforms. Map and radar views can be customized in a full-screen interactive mode to monitor severe weather on one interface.

Q: Is a public warning system part of the package?

A: No.

Q: Do you pay more for alerts on different weather events or is it all-inclusive?

Alerting is all-inclusive with our Platinum and Professional packages. Schneider Electric offers patented, location-based alerts on the conditions of most importance to the client. Common conditions customers set alerts for include lightning, wind speed, temperature, wet bulb globe temperature for heat stress and more. Alerts can be set up for geographically specific areas or a radius around an area, and customers can choose to be alerted both to those conditions as well as all-clear alerts. Once setup, the customer will receive the alerts on both their PC and mobile device, plus they can have these same alerts sent to more than one member of their staff.

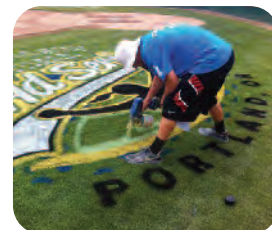
Q: How does the consulting feature work, and is that an extra cost?

A: Online consulting is a standard feature in our Platinum and Professional packages. From the product, the client simply types in their question, and receives an answer within minutes from one of our experienced meteorologists. Users can even ask and receive questions from their mobile devices. Questions and corresponding answers are also posted from others in your same region/industry. Questions are answered. ■

New Graco ProStencil

Graco's ProStencil is the industry's first battery-powered, high-pressure airless handheld paint sprayer. This sprayer works great for small logos, stencils (i.e. pink breast cancer ribbon), or spraying unique colors in large logos. The AZ Cardinals use this tool exclusively to spray the yellow beak in the cardinal logo. Simply add undiluted field marking paint to the 32 oz. cup and spray. Clean-up and color changes are simple, and there is no hose to contend with. You can even use this sprayer to touch-up goal posts, storage buildings, or to spot treat weeds with water-based herbicide/weed killers. ProStencil comes complete with two 20V lithium-ion power pack batteries, battery charger, 24" spray extension, 32oz cup with cover, and a storage case. Add the ProPack portable spray pack accessory for additional spraying capacity.

Graco



Turfco's T3000i spreader sprayer with 3-in-1 auxiliary tank

Turfco's T3000i spreader sprayer coupled with the optional 3-in-1 Auxiliary Tank provides maximum productivity and ease of use. With hands-free speed control the patent-pending T3000i is made even more productive with the tank's additional spray capacity. The versatile T3000i spreader sprayer is small enough to fit through a 36-inch gate, yet productive enough for large commercial properties, resulting in easier route management and increased efficiency. Features include an innovative hands-free speed control system, trim-speed lock and a longer-lasting pump. A new optional 175-pound hopper is also available, enabling the spreader sprayer to cover a larger area more quickly and enhancing run time. The patent-pending hands-free speed control system gives the operator unprecedented command. A speed-control pedal allows the operator to keep one hand free at all times to run the sprayer spreader.

Turfco



Shielded sprayer from Grasshopper

Apply pesticides, herbicides and fertilizers more effectively and efficiently with a Shielded Sprayer for Grasshopper zero-turn mowers. The patented design contains the spray pattern for on-target application, even in windy conditions. And the independent suspension and dolly wheels follow ground contours for precise and even spray application. Each spray chamber features 4 spray nozzles that provide uniform coverage by applying finer spray droplets that coat vegetation instead of dousing it. Zero-turn maneuverability eliminates wasted motion, spraying up to 5.5 acres per tank with fewer chemicals, faster application times and faster drying times, while keeping chemicals away from the operator and non-target areas.

Grasshopper



John Deere HD200 and HD300

The HD200 and HD300 offer the ultimate in flexibility, with a choice of centrifugal or diaphragm pumps, manual or automatic rate controls, and boom options that come standard with an electro-hydraulic lift. More versatile than a single-purpose sprayer, no tools are needed for tank removal, and storage stands allow the operator to get more out of the vehicle, even when not spraying. The optional CleanLoad chemical agitator makes it easy to load chemicals by ensuring that every last drop is used, and a powerful jet agitator makes sure the tank solution is mixed thoroughly. An efficient valve bank design simplifies operation and plumbing, while standard triple nozzle bodies make nozzle changes effortless. Controls are mounted at the operator's fingertips and can be removed without tools for storage. Durable 11-gauge booms feature bi-directional breakaway to protect the boom. And a common wiring harness makes control system changes a breeze.

John Deere



Shindaiwa's SP45BPE backpack sprayer

Shindaiwa's new SP45BPE backpack sprayer, with 4.5-gallon capacity, covers more ground with commercial-duty power and lasting performance in an easy-to-carry sprayer unit. A 90-psi large-diameter piston pump allows for quick pressure and less pumping. All critical seals are made of chemically resistant Viton material, providing durability and allowing for extended use of harsh chemicals. A 4-stage filter extends the life of the sprayer, and UV inhibitors allow protection from sun exposure. The unit comes with 3 nozzles: a brass adjustable, a fixed fan, and a fixed cone. The Euro-style tank is marked in both gallons and liters with true capacities allowing room for chemicals. The SP45BPE has extra padding for back and waist support with a waist/chest strap and a back pad. It requires no tools to assemble and the comfort grip handle features a shut-off with lock on and lock off. It also carries a 2-year commercial warranty.

Shindaiwa



Stihl SG 20

The Stihl SG 20 is a comfortable and lightweight manual backpack sprayer that helps users get through the day with less fatigue and helps ensure constant working pressure, thanks to a pressurized fluid reservoir separate from the main tank. Now users can maintain constant pressure, even through refills. When working with compounds such as pesticides and herbicides, accuracy and control are top priorities. The SG 20 features 18-liter tank capacity, 40 psi (+/- 10%) working pressure, and 11.2-pound weight without liquid.

Stihl



TurfEx introduces line of skid-mounted spot sprayers

TurfEx introduces its line of skid-mounted spot sprayers. Designed to mount into the bed of any utility vehicle or pickup, the new spot sprayers are ideal for weed spraying, turf maintenance, tree and flower watering, and pest control applications. Two TurfEx spot sprayers are currently available with a 50-gallon tank and a 100-gallon tank. Both units feature fully corrosion-resistant polyethylene tank construction, 50-foot hoses on 100-foot capacity manual-rewind hose reels, and long spray wands with trigger actuation. Featuring 12-volt diaphragm pumps, the sprayers conveniently connect to the carrying vehicle's electrical system for operation. The pumps move liquid at a rate of 5 gallons per minute at 40 psi.

TurfEx



Game Changer



Game Changer is infield conditioner plus surfactant

Southern Athletic Fields has introduced Game Changer, with KT3 technology that delivers a premium surfactant blend to your infield mix, promoting faster infiltration of applied water or rainfall. This one product means you don't have to make additional applications with sprays or injectable products; rather it is included in your normal application of your conditioner. Independent third party research has proved the ability of the Game Changer to deliver the surfactant blend to the infield mix profile. In the research, the addition of the surfactant blend improved the infiltration of applied water by 50% (half the time required to soak up the same amount of water).

Southern Athletic Fields

Sidekick: STMA 2012 Innovative Award winner

We designed the Sidekick as an attachment to our sod installation machines so as not to require an additional machine on the job site. We needed it to be powerful and compact, mobile, and easy to operate and not require an additional operator. We also needed it to not damage the existing grade and more importantly, to the sod being installed. That meant it could not touch the grass. This was accomplished instead by using the ground force to keep the pushing edge completely square with the edge of the sod. By using the Sidekick we can install thick cut sod on an athletic field in a fraction of the time as before and the results are outstanding. We are compressing the sod as we install it by approximately 5%, eliminating seams and actually improving the quality of the sod.

Green Source, Inc.

Turf Teq Power Rake

The Turf Teq Power Rake is the perfect tool for all types of seedbed preparation and turf renovation. The unit features a 36 inch 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 horsepower Honda® engine and on-the-go differential lock. The Power Rake has a multi use tractor that can easily be converted to a walk behind Power Broom, Power Edger, Brush Cutter and Plow.

Turf Teq

TH300 - portable soil moisture probe

The new TH300 is a fast, accurate and completely portable soil moisture probe. Based on TH2O, Theta probe technology, the TH300 uses the SM150 soil moisture sensors. Results are in water by volume ($\pm 2.5\%$). The HH2 readout stores over 1000 data points, which can be downloaded to a PC and imported into spreadsheets. The SM300 minimizes soil disturbance, preserving the original soil structure around the measurement rods. It is easy to insert and install whether at the soil surface or at depth. The SM300 is a dual-purpose probe; it can be used both with the HH2 hand-held Moisture Meter for instant moisture readings, or left in situ for data logging of moisture and temperature.

Dynamax, Inc.

New 72-volt, AC-powered Cushman Hauler turf utility vehicles

Cushman has introduced the fully electric Cushman Hauler with a 72-volt AC drivetrain that provides the range and power once exclusive to gas-powered machines in a silent, zero-emissions vehicle. The new machine offers up to 50 miles of range between charges. The patented AC Drive technology is up to 25% more energy-efficient than DC technology, and also provides for unique features such as regenerative braking that recharges the batteries whenever the vehicle's brakes are applied and also speed control to maintain constant speeds up and down steep slopes. An optional limited-slip differential provides for greatly improved traction on wet or loose turf, while helping to protect turf from damage due to wheel slippage. The Hauler will feature a maximum load capacity of 1,000 pounds and come standard with a 9.5-cubic-foot cargo bed. A 14.9-cubic-foot aluminum cargo bed will be available as a factory-installed option for facilities that require more cargo space.

Jacobsen unveils new large-area reel mower

The Jacobsen LF510 five-gang reel mower features a 100-inch width-of-cut, five-inch TrueSet cutting units and a Tier 4 final Kubota diesel engine. The mower also offers a host of simplified maintenance features including wet parking brakes, an on-board control module and easily-accessible service items. The LF510 large-area reel mower will come standard with Jacobsen's new TrueSet™ cutting units, first introduced in 2012. TrueSet cutting units are fast and easy to adjust while providing industry-leading holding power to deliver Jacobsen's clean and consistent quality-of-cut through the life of the cutting unit. The company also offers the five-gang LF550/LF570™ with 100-inch width of cut; the five-gang super lightweight SLF-1880™ that offers an 82" width of cut and the LF-4677™ a seven-gang fairway mower that offers a massive 139" width-of-cut.

Jacobsen

Profile Products Introduces CoverGrow mulch pellets

New CoverGrow Spread or Spray advanced pellet technology introduced by Profile Products offers unmatched on-the-ground performance compared to other leading pellets. CoverGrow can be applied by hand or spreader, or sprayed hydraulically. CoverGrow mixes easily, even in jet-agitated hydroseeders where it goes quickly into suspension. It is also designed to provide a smoother flow for easy spreader application. Once activated by water, the pellets quickly expand in size and disperse to provide greater coverage and a stronger protective cover. A 40-pound bag of CoverGrow yields 50 pounds of coverage. Made from recycled wood and cellulose fibers, CoverGrow pellets also feature an advanced tackifier technology that helps resist rainfall impact and keep the pellets in place.

PROFILE Products LLC

NewRider 1700 HPA high pressure airless ride-on field striping machine

Newstripe Inc. is proud to announce the introduction of the NewRider 1700 HPA high pressure airless ride-on athletic field striping machine. The NewRider 1700 will save time and money. The 25 gallon paint tank will stripe up to four soccer fields with one filling. Plus, it's American made paint pump can be adjusted from 0-3000 psi. Consequently, the paint is sprayed at exactly the right pressure reducing the amount of paint used. You paint "just the turf" and "not the dirt." The on-board purge tank eliminates any clogging of spray tips and makes clean-up a snap. The NewRider HPA 1700 also features a hydrostatic drive and a 10.5 hp Briggs and Stratton OHC engine with electric start.

Newstripe



Novo converts any multi-wire controller to two-wire

Novo, a compact two-wire converter from Underhill International, is designed to quickly transform any standard multi-wire controller to two-wire operation by using a "plug and play" feature. Controllers such as Hunter, Rain Bird, Irritrol, Toro, and other popular brands, can be converted to total two-wire or hybrid two-wire / multi-wire systems when connected to Novo. The new Underhill converter is a practical solution for irrigation installers who plan to utilize two-wire technology in a new installation or a system expansion because they can still use their favorite controller. Novo installs alongside the host controller and handles up to 32 two-wire stations. The host multi-wire controller continues to run all scheduling programs and "talks" to the new two-wire valves and decoders via the Novo converter.

Underhill



Bayer Specticle G granule herbicide

Environmental Science has launched Bayer Specticle G, a versatile, pre-emergent herbicide that provides green industry professionals up to 6 months of broad-spectrum weed control for use in landscapes, including mulched areas and around ornamentals, and in warm-season turf. Bayer Specticle G protects against a broad spectrum of more than 80 grassy and broadleaf weeds, as well as annual sedges. The product requires up to 40 times less active ingredient than current standards, resulting in significantly less herbicide placed in the environment. In addition, unlike other pre-emergent herbicides, the applicator-friendly formulation will not stain or leave any odor behind after treatment.

Bayer Environmental Science



STMA Affiliated Chapters Contact Information

Sports Turf Managers Association of Arizona: www.azstma.org

Colorado Sports Turf Managers Association: www.cstma.org

Florida #1 Chapter (South):
305-235-5101 (Bruce Bates) or Tom Curran
CTomSell@aol.com

Florida #2 Chapter (North): 850-580-4026,
John Mascaro, john@turf-tec.com

Florida #3 Chapter (Central): 407-518-2347,
Scott Grace, scott@sundome.org

Gateway Chapter Sports Turf Managers Association: www.gatewaystma.org

Georgia Sports Turf Managers Association: www.gstma.org

Greater L.A. Basin Chapter of the Sports Turf Managers Association: www.stmalabasin.com

Illinois Chapter STMA: www.ILSTMA.org

Intermountain Chapter of the Sports Turf Managers Association: www.imstma.org

Indiana -FORMING - Contact Clayton Dame, Claytondame@hotmail.com or Brian Bornino, bornino@purdue.edu

Iowa Sports Turf Managers Association: www.iowaturfgrass.org

Kentucky Sports Turf Managers Association: www.kystma.org

Keystone Athletic Field Managers Org. (KAFMO/STMA): www.kafmo.org

Michigan Sports Turf Managers Association (MISTMA): www.mistma.org

Minnesota Park and Sports Turf Managers Association: www.mpstma.org

MO-KAN Sports Turf Managers Association: www.mokanstma.com

Nebraska Sports Turf Managers Association: sphillips4@unlnotes.unl.edu

New England STMA (NESTMA): www.nestma.org

Sports Field Managers Association of New Jersey: www.sfmanj.org

Sports Turf Managers of New York: www.stmony.org

North Carolina Chapter of STMA: www.ncsportsturf.org

Northern California STMA: www.norcalstma.org

Ohio Sports Turf Managers Association (OSTMA): www.ostma.org

Oklahoma Chapter STMA: 405-744-5729;
Contact: Dr. Justin Moss okstma@gmail.com

Oregon STMA Chapter:
www.oregonsportsturfmanagers.org
oregonstma@gmail.com

Ozarks STMA: www.ozarksstma.org

Pacific Northwest Sports Turf Managers Association: www.pnwstma.org

Southern California Chapter: www.socalstma.com

South Carolina Chapter of STMA: www.scstma.org

Tennessee Valley Sports Turf Managers Association (TVSTMA): www.tvstma.com

Texas Sports Turf Managers Association: www.txstma.org

Virginia Sports Turf Managers Association: www.vstma.org

Wisconsin Sports Turf Managers Association: www.wstma.org

Chapter Sponsors



Conference attendee and exhibitor survey results

AS MANY SPORTSTURF READERS ARE AWARE, the Sports Turf Managers Association's 24th Annual Conference and Exhibition was held January 15-18, 2013 in Daytona Beach, FL and featured a number of milestones for the association, including a significant increase in the number of educational sessions offered, as well as the wider implementation of new web-based offerings and a nearly sold-out trade show. Approximately 981 sports turf managers, from high schools and parks districts to Major League Baseball and NFL groundskeepers, converged on the Ocean Center Convention facility for more than 90 hours of sports turf specific education, dedicated networking functions and exhibitor demonstrations.

The week's events were capped off by STMA's Annual Awards Banquet on Friday evening, where the association's highest honors were presented. These included the association's premier honors, the STMA Founders Awards, as well as the Field of the Year Awards, SAFE Scholarships, STMA Commercial Innovative Award, President's Award for Leadership, Student Challenge trophies and more.

Additionally, STMA's non-profit charitable foundation, Foundation for Safer Athletic Fields for Everyone (SAFE) used its 13th Annual Golf Tournament, played at Arthur Hills Golf Course at LPGA International, Casino Night at the Welcome Reception and the live auctions, raffles and other fundraising endeavors to raise more than \$35,000 for the foundation.

The conference drew 35 international attendees from Argentina, Canada, Chile, Israel, Jamaica, Mexico, Spain, England, and Scotland. This international representation is the most STMA has had at any prior conference (with the normal amount being 10-12).

Following the conference, STMA sent out two surveys: one for attendees and one for exhibitors. The results below are a snapshot of some of those results.

Of the several hundred **attendees** that responded to STMA's survey:

- 98.1 percent rated their overall conference experience as "excellent" or "good" with 1.9 percent rating their experience as "fair" and 0 percent rating "poor".
- 93.9 percent rated their overall expo experience as "excellent" or "good" with 5 percent rating their experience as "fair" and 0 percent rating "poor".
- 96.8 percent rated their overall education session experience as "excellent" or "good" with 3.2 percent rating "fair" and 0 percent rating "poor".

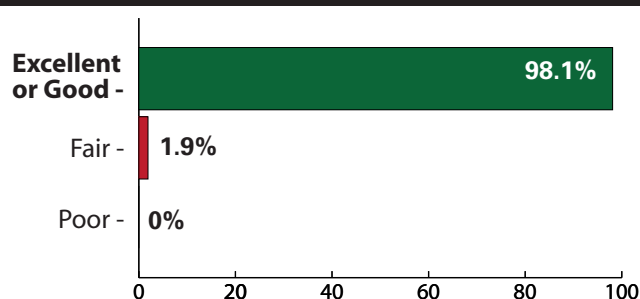
Quotes (unattributed) to place next to data:

- "This is one of the most well organized and professionally managed conferences I attend."
- "Really like the variety of choices in topics and things to do, just hard to get to all of them at the same time."
- "Better each year - good to reorder things."
- "Very kind and professional people, an excellent trade show."
- "Keep up the good work. I feel the conference has continued to get better each year. Thank you for the experience."
- "It was my first conference and I really enjoyed it."
- "I think it is a great show dedicated to sports turf."

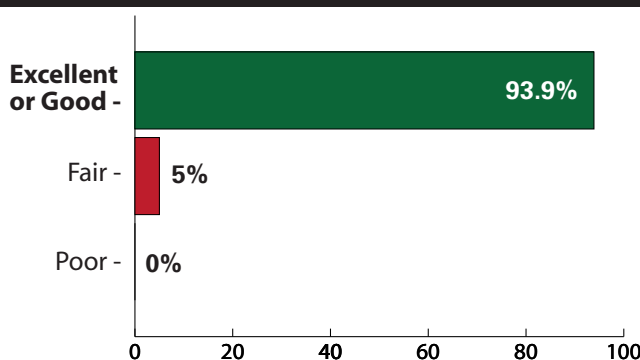
Of the several hundred **exhibitors** that responded to STMA's survey:

- 84.4 percent thought that the 24th Annual Exhibition was a good show overall, while 15.6 did not.
- 73.3 percent thought the exhibition "was the best show they'd ever attended" or "a good show worth attending", while 26.6 thought the "show needed improvement" or "wouldn't recommend it."

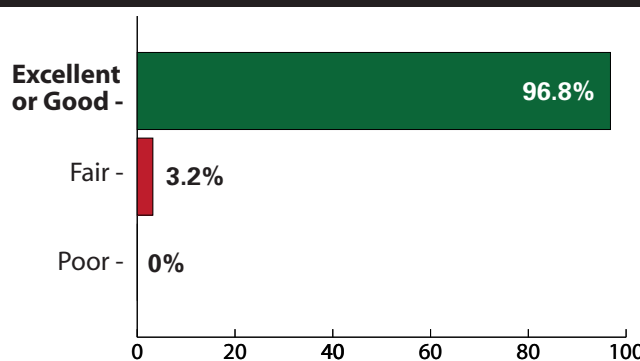
Attendees conference experience



Attendees expo experience



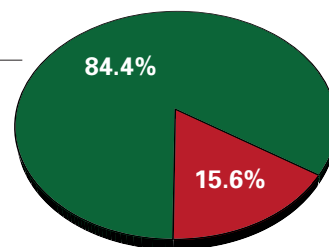
Attendees education experience



Exhibitors experience

84.4%

Thought that the 24th Annual Exhibition was a **good show overall**



Exhibitors experience

73.3%

Thought that the 24th Annual Exhibition **"was the best show they'd ever attended" or "a good show worth attending."**

