

# Membership Application

## SportsTurf MANAGERS ASSOCIATION

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Fax to: (785) 843-2977

Or mail with payment to:  
Sports Turf  
Managers Association  
P.O. Box 414029  
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Name	Title	
Employer/ Facility		
<input type="checkbox"/> Business	<input type="checkbox"/> 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 \_\_\_\_\_

Card #:	Exp. Date:
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.

Phone: 800-323-3875

[www.sportsturfmanager.org](http://www.sportsturfmanager.org)

Fill in 130 on reader service form or visit <http://oners.hotims.com/14679-130>

"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



## STMA recognizes 2008 newly certified members

**C**ongratulations to the eight STMA members who have achieved certification this year. To become certified, members must accumulate a minimum of 40 points in order to take the exam, and pass the four sections: agronomics, pest management, administration, and sports-specific field management. To maintain the Certified Sports Field Manager (CSFM) professional designation, members must earn three Continuing Education Points (CEUs) and nine Industry Service Points (ISPs) every 3 years. For more information on the CSFM program, go to [www.STMA.org](http://www.STMA.org) and click on the "Professionalism" tab.

### 2008

Joe Collins, CSFM, Samford University  
Stephen Crockett, CSFM, City of Union City  
Robert Ehrler, CSFM, Town of Huntington  
Kevin Meredith, CSFM, National Soccer Hall of Fame  
Carey See, CSFM, Emory University  
Jimmy Simpson, CSFM, Town of Cary  
Waldo Terrell, CSFM, University of Georgia Athletic Dept.  
Shane Young, CSFM, Prince William County Park Authority

### Previously Certified STMA Members

#### 2007

Kari Allen, CSFM, Sodexo/Benedictine University  
Jason Bowers, CSFM, Virginia Tech  
Steve Bush, CSFM, Bush Sports Turf  
Richard Calarco, CSFM, Town of Hebron Parks and Rec Dept.  
Clark Cox, CSFM, University of South Carolina  
Eric Fasbender, CSFM, University of Oregon Athletics  
Martin Kaufman, CSFM, Ensworth Schools  
David Pinsonneault, CSFM, CPRP, Town of Lexington  
David Smith, CSFM, North Jackson High School  
Jim Stamps, CSFM, JSM Services, Inc.  
Peter Thibeault, CSFM, Noble & Greenough School  
Gary Vanden Berg, CSFM, Milwaukee Brewers/Miller Park

#### 2006

Larry Berry, CSFM, Lee University  
Matt Carl, CSFM, City of Ankeny  
Steve Dugas, CSFM, California State University/Fullerton  
Eric Holland, CSFM, Precision Turf, LLC  
Jonathan Holland, CSFM, Precision Turf, LLC  
Allen Johnson, CSFM, Green Bay Packers  
Jesse Pritchard, CSFM, University of Virginia Athletic Dept.

Larry Rhodes, CSFM, Elon University  
Joseph Warner, CSFM, DVH Athletic Turf  
Dean Whitehead, CSFM, Hampden-Sydney College  
Clive Williams, CSFM, City of Boca Raton Parks & Rec  
Alan Wilson, CSFM, Wilson & Associates

### 2005

Carol Baker, CSFM, Mt. San Antonio College  
John Boyd, CSFM, Shawnee County Parks & Rec  
Patrick Coakley, CSFM, Altoona Curve  
Jesse Driver, CSFM, Mid-Atlantic Turf, Inc.  
Kenneth Edwards, CSFM, City of Gulfport  
Douglas Horn, CSFM  
Joe Kennedy, III, CSFM, City of Surprise  
Rick Perruzzi, CSFM, City of South Portland  
Don Savard, CSFM, Salesianum School  
Lance Tibbetts, CSFM, University of New England  
Raechal Volkening, CSFM, Volkening Consulting

### 2004

Michael Buras, CSFM, Longwood Cricket Club  
Joseph Case, CSFM  
Jason DePaepe, CSFM, University of Colorado/Athletics  
Ron Hostick, CSFM, San Diego State University  
Kevin Malone, CSFM, Columbia University-Baker  
Field Athletic Complex

### 2003

Peter Ashe, CSFM, University of North Carolina-Greensboro  
Bob Benyo, CSFM, Premier Sports Fields, LLC  
Rick Bold, CSFM, Glencoe Park District  
Darin Budak, CSFM, City of Bakersfield  
Chris Calcaterra, M.Ed., CSFM, CPRP, City of Peoria Sports Complex  
Roger Daigle, CSFM, City of Fort Collins-Parks Div.  
Amy Fouty, CSFM, Spartan Stadium/Michigan State University  
Chad Price, CSFM, Carolina Green Corp.  
Jeff Salmond, CSFM, University of Oklahoma  
Jim Sanders, CSFM, Western Eagle County Metro Rec District  
Alan Siebert, CSFM, City of Peoria Sports Complex  
Tony Strickland, CSFM, Athletic Construction, Inc.

### 2002

George Bernardon, CSFM, GCA Services Group, Inc.  
John Fik, CSFM, Sodexo Education Services  
Nick Gammill, CSFM, American University  
James Hermann, CSFM, Total Control, Inc.  
James Rodgers, CSFM, Luck Stone Company  
George Trivett, CSFM, City of Lenoir  
Michael Wagner, CSFM, University of Oregon Athletics  
Jay Warnick, CSFM, World Class Athletic Surfaces, Inc.  
Brian Wimble, CSFM, Skidmore College



## 2001

Richard Alford, CSFM, Team All Sports  
 Bob Campbell, CSFM, University of Tennessee  
 Jim Gavigan, CSFM, Jim Gavigan Consulting  
 Gus Guthrie, CSFM, Farison Sports Turf  
 John Huffman, CSFM, Huffman Sportscape, Inc.  
 William Lawrence, CSFM, Turfgrass Technologies  
 Mike McDonald, CSFM, University of Minnesota  
 Abby McNeal, CSFM, Colorado School of Mines  
 Timothy Moore, CSFM, GCA Services, Inc.  
 C. Tom Rudberg, CSFM, S&S Tree & Horticultural Specialists  
 Connie Rudolph, CSFM, Midway Stadium  
 Troy Smith, CSFM, Denver Broncos Football Club  
 Mike Trigg, CSFM, Waukegan Park District  
 Kevin Vos, CSFM, City of Pella – Parks & Recreation

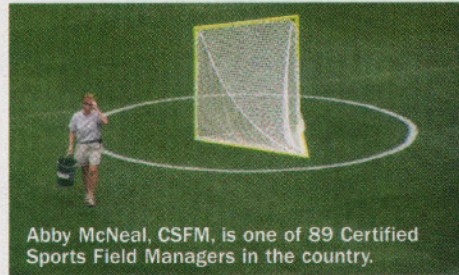
## 2000

Mike Andresen, CSFM, Iowa State University  
 Ted Baker, CSFM, Park District of Highland Park  
 Dale Getz, CSFM, CSE, The Toro Company  
 Ross Kurcab, CSFM, Invesco Field at Mile High  
 Boyd Montgomery, CSFM, CSE, The Toro Company  
 Mike Schiller, CSFM, Olsen Distributing

## STMA Governance changes on horizon

**T**he Bylaws Committee is working on adjusting the Bylaws to include the governance changes adopted by the STMA Board of Directors at its Winter 2008 Board Meeting. These changes resulted from a culmination of 10 months

of work by a Governance Task Group, which was appointed by President Andresen in March 2007. That Task Group's recommendations can be categorized into four changes:



Abby McNeal, CSFM, is one of 89 Certified Sports Field Managers in the country.

- Combining the Secretary and Treasurer positions into one office, the Secretary/Treasurer.
- Formalizing the ascension process to the STMA Presidency.
- Reducing the terms of the Officers to one year in each office.

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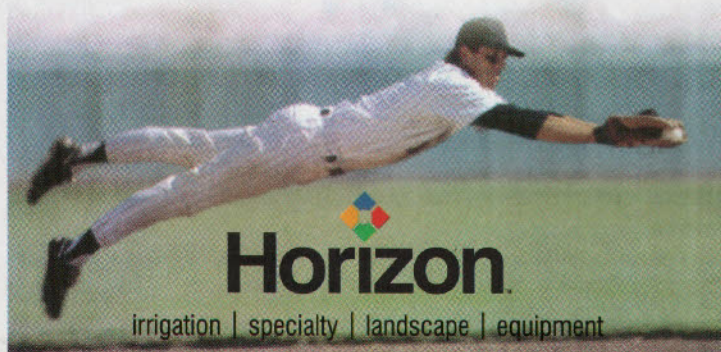
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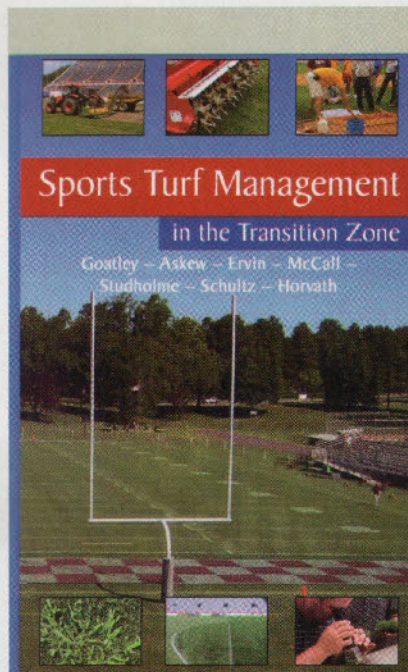
## STMA in Action

Previously, each Officer served up to two terms.

• Expanding the STMA Board of Directors by two Directors' positions (a net gain of one position due to the combination of the Secretary and Treasurer into one office.) The current Directors' and one of the new Directors terms will remain at two years. The other new Director will fulfill a one-year term.

Three sections of the Bylaws are affected including Article V – Board of Directors. The Language that defines the number of board members will need to change. Article VI – Officers will show many changes since this is the area that will describe the ascension process, the reduction to one-year terms for the Officers, and describe the duties of the Officers. Article VII – Directors will be adjusted to identify the two new director positions. ■

*Information will be included on-line at [www.stma.org](http://www.stma.org) as these changes advance, so that you are kept up-to-date. Please contact headquarters at [STMAinfo@STMA.org](mailto:STMAinfo@STMA.org) or 1-800-323-3875 if you have any questions.*



### Virginia STMA members write book

The Virginia Sports Turf Managers Association has released a new book, "Sports Turf Management in the Transition Zone." This 200-page, hardcover book includes more than 100 four-color photographs and was written by Virginia Tech faculty members Dr. Mike Goatley, Dr. Shawn

Askew, Dr. Erik Ervin, David McCall, Bob Studholme, Dr. Pete Schultz, Dr. Brandon Horvath, as well as Bob Studholme, former president of VSTMA and a 30-year veteran of managing sports turf with the Fairfax County Park Authority.

The book is meant to serve as a user-friendly resource featuring programs and concepts that have been developed based on both turfgrass research as well as field experience by qualified sports turf managers.

Copies can be purchased through [www.vstma.org](http://www.vstma.org) or by calling Pocahontas Press at 800-446-0467.



# John Mascaro's Photo Quiz

# A

**Answer:  
from page 19**



These brown areas in front of this sidewalk behind the endzone were caused by an application of Glyphosate to eradicate the weeds in the cracks of the sidewalk. The applicator did a very good job of applying the correct rate of material with a low volume backpack sprayer. However an unexpected and errant raincloud appeared over the stadium about an hour after the application of the material. The rain caused the weed killer to runoff the sidewalk causing the dead areas of turf. Since this happened during the off season, the bermudagrass was allowed to grow back over the affected area. ■

*Thanks to Brian Donaway, Grounds Supervisor at Florida State University, for allowing me to take these pictures.*

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 or email to [john@turf-tec.com](mailto: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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# Chapter News

## New Chapter Resources!

New Articles are available for chapters to use in their newsletters and other member communication vehicles. Go to [www.STMA.org](http://www.STMA.org), click on the Chapter Resources tab, and then Chapter Newsletter Articles.

Chapters now have a good way to share practices that have been successful for their individual chapter and learn from other chapters through Chapter Best Management Practices (BMPs). STMA has created an area on [www.STMA.org](http://www.STMA.org) under Chapter Resources for the BMPs. Currently, there is a BMP on leveraging and building relationships with local and

regional sections of "allied" associations, such as the NRPA, NIAAA, NACDA, Ag Educators, etc. This BMP explains how to contact these organizations; the benefits of collaborating with these organizations; how STMA can help, and an example of a letter to help you begin a dialogue. There is also a BMP on Chapter Membership Recruitment strategies.

To help STMA refine these BMPs and add more ideas to the list, please consider what is working for your chapter and send a quick email to [STMAinfo@STMA.org](mailto:STMAinfo@STMA.org) with the following information:

- Chapter Name

- "How to (do what your chapter is successful at doing)"

- Describe your process in sequence, include the resources needed, both financial and personnel, how you measured success, pitfalls to watch out for and tips for success.

Areas to consider developing a BMP about include membership retention, recruitment, sponsorship relationships, hosting field days, conducting workshops, streamlining administration and chapter operations, etc.

## STMA Chapter Contacts

**Sports Turf Managers Association of Arizona:**  
[www.azstma.com](http://www.azstma.com).

**Chesapeake Chapter STMA (formerly Mid-Atlantic Athletic Field Managers Organization - MAFMO Chapter STMA):** [www.ccstma.org](http://www.ccstma.org).

**Colorado Sports Turf Managers Association:**  
[www.cstma.org](http://www.cstma.org).

**Florida #1 Chapter:** 954/782-2748

**Gateway Chapter Sports Turf Managers Association:** [www.gatewaystma.org](http://www.gatewaystma.org).

**Georgia Sports Turf Managers Association:**  
[www.gstma.org](http://www.gstma.org).

**The Greater L.A. Basin Chapter of the Sports Turf Managers Association:**  
[www.stmalabasin.com](http://www.stmalabasin.com).

**Illinois Chapter STMA:** 847/263-7603.

**Intermountain Chapter of the Sports Turf Managers Association:** [www.imstma.org](http://www.imstma.org).

**Iowa Sports Turf Managers Association:** [www.iowaturfgrass.org](http://www.iowaturfgrass.org).

**Keystone Athletic Field Managers Org. (KAFMO/STMA):** [www.KAFMO.org](http://www.KAFMO.org).

**Kentucky Sports Turf Managers Association:**  
[www.kystma.org](http://www.kystma.org).

**Michigan Sports Turf Managers Association (MiSTMA):** [www.mistma.org](http://www.mistma.org).

**Minnesota Chapter STMA:** [www.mstma.org](http://www.mstma.org).

**MO-KAN Sports Turf Managers Association:**  
[www.mokanstma.com](http://www.mokanstma.com).

**New England STMA (NESTMA):**  
[www.nestma.org](http://www.nestma.org).

**Nebraska Sports Turf Managers Association:**  
402/441-4425.

**NEW - North Carolina Chapter of STMA:** [www.ncsportsturf.org](http://www.ncsportsturf.org).

**North Florida STMA Chapter:** 850/580-4026.

**Northern California STMA:**  
[www.norcalstma.org](http://www.norcalstma.org).

**Ozarks STMA:** [www.ozarksstma.org](http://www.ozarksstma.org).

**Sports Turf Managers of New York:**  
[www.stmony.org](http://www.stmony.org).

**Sports Field Managers Association of New Jersey:** [www.sfmanj.org](http://www.sfmanj.org).

**Ohio Sports Turf Managers Association (OSTMA):** [www.ostma.org](http://www.ostma.org).

**Pacific Northwest Sports Turf Managers Association:** [www.pnwstma.org](http://www.pnwstma.org).

**Southern California Chapter:**  
[www.socalstma.com](http://www.socalstma.com).

**South Carolina Chapter of STMA:**  
[www.scstma.org](http://www.scstma.org).

**Texas Sports Turf Managers Association:**  
866/897-8621.

**Tennessee Valley Sports Turf Managers Association (TVSTMA):** [www.tvstma.org](http://www.tvstma.org).

**Virginia Sports Turf Managers Association:**  
[www.vstma.org](http://www.vstma.org).

**Wisconsin Sports Turf Managers Association:**  
[www.wstma.org](http://www.wstma.org).

### Forming Chapters:

**Gulf Coast Chapter:** 225/757-9136.

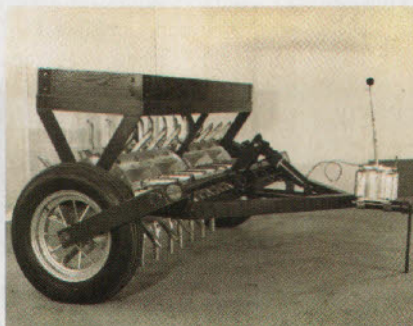
**Nevada STMA Chapter:** 702/433-3113.

## Rebuilding Doc's Dugout

## Making the job easier

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Before the invention of the West Point aerifier, pitchforks, hollow tine hand tools and solid steel spikes were used to cultivate soil in key areas like in front of pitcher's mounds. Homemade spikers were also used to loosen the soil in larger spaces such as outfields and football fields. Modern day sports turf managers have a variety of aerification equipment at their disposal to improve soil structure and decrease the effect of wear.



The STMA Historical Committee is logging and developing the acquired collection of Dr. Kent Kurtz, STMA's first executive director. Doc, as he was

admirably referred to, also served as the association's first Historian, and amassed an amazing collection of document and photographs of the sports turf profession and STMA. Doc's collection included a kind donation from the estate of turf industry pioneer Dr. Fred Grau. In appreciation of Doc's contribution and the generous donation of the Kurtz family to STMA we will be running a monthly account of the people, places, stories, equipment, and photographs that are important to the profession and association. ■

Sports turf managers have also been very creative and innovative in irrigation. According to STMA Past President Steve Wightman, when he was at Mile High Stadium in Denver from the mid-1970's until the mid-1980's, a homemade semi-portable irrigation system was used to supplement the lack of coverage provided by the perimeter irrigation one of the original PAT Systems.

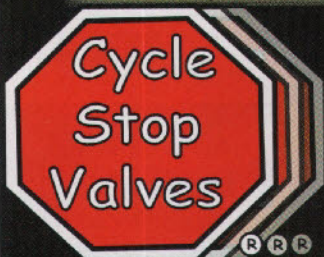


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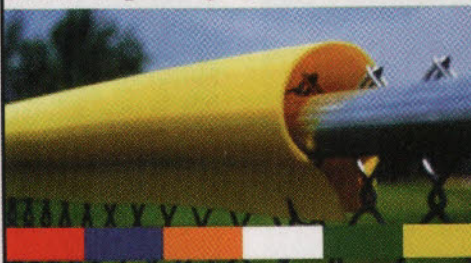
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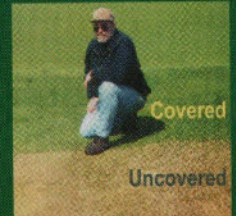
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### 1 What is your company's primary business? (check **ONLY ONE**)

- F ☐ Sports Complex G ☐ Athletic Field and/or Park Architect/Designer  
T ☐ School, College or University P ☐ Park H ☐ Other (please specify) \_\_\_\_\_

### 2 Which of the following best describes your title? (check **ONLY ONE**)

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Environmental Turf	<a href="http://www.oners.hotims.com/14679-144">http://www.oners.hotims.com/14679-144</a>	144	21
EP Minerals	<a href="http://www.oners.hotims.com/14679-117">http://www.oners.hotims.com/14679-117</a>	117	17
Ewing Irrigation	<a href="http://www.oners.hotims.com/14679-147">http://www.oners.hotims.com/14679-147</a>	147	37 (regional)
First Products	<a href="http://www.oners.hotims.com/14679-122">http://www.oners.hotims.com/14679-122</a>	122	25
Fuller Five Landscape Supply	<a href="http://www.oners.hotims.com/14679-128">http://www.oners.hotims.com/14679-128</a>	128	39
Green One	<a href="http://www.oners.hotims.com/14679-127">http://www.oners.hotims.com/14679-127</a>	127	35
GreensGroomer	<a href="http://www.oners.hotims.com/14679-116">http://www.oners.hotims.com/14679-116</a>	116	15
Harper Industries, Deweeze-Goossen	<a href="http://www.oners.hotims.com/14679-119">http://www.oners.hotims.com/14679-119</a>	119	27
Horizon Turf	<a href="http://www.oners.hotims.com/14679-145">http://www.oners.hotims.com/14679-145</a>	145	44
Hydraway Drainage	<a href="http://www.oners.hotims.com/14679-146">http://www.oners.hotims.com/14679-146</a>	146	40
Jacobsen	<a href="http://www.oners.hotims.com/14679-143">http://www.oners.hotims.com/14679-143</a>	143	52
John Deere	<a href="http://www.oners.hotims.com/14679-112">http://www.oners.hotims.com/14679-112</a>	112	5
Johnston Seed	<a href="http://www.oners.hotims.com/14679-115">http://www.oners.hotims.com/14679-115</a>	115	13
KRain	<a href="http://www.oners.hotims.com/14679-111">http://www.oners.hotims.com/14679-111</a>	111	3
Newstripe	<a href="http://www.oners.hotims.com/14679-131">http://www.oners.hotims.com/14679-131</a>	131	45
Parker Sweeper	<a href="http://www.oners.hotims.com/14679-120">http://www.oners.hotims.com/14679-120</a>	120	23
Partac Peat/Beam Clay	<a href="http://www.oners.hotims.com/14679-134">http://www.oners.hotims.com/14679-134</a>	134	47
Pennington Seed	<a href="http://www.oners.hotims.com/14679-121">http://www.oners.hotims.com/14679-121</a>	121	25
Redexim Charterhouse	<a href="http://www.oners.hotims.com/14679-124">http://www.oners.hotims.com/14679-124</a>	124	31
Seago International	<a href="http://www.oners.hotims.com/14679-136">http://www.oners.hotims.com/14679-136</a>	136	47
Sports Turf Managers Association	<a href="http://www.oners.hotims.com/14679-130">http://www.oners.hotims.com/14679-130</a>	130	41
Stabilizer Solutions	<a href="http://www.oners.hotims.com/14679-139">http://www.oners.hotims.com/14679-139</a>	139	43
SubAir Systems	<a href="http://www.oners.hotims.com/14679-138">http://www.oners.hotims.com/14679-138</a>	138	47
TifSport	<a href="http://www.oners.hotims.com/14679-123">http://www.oners.hotims.com/14679-123</a>	123	29 (regional)
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Varicore Technologies	<a href="http://www.oners.hotims.com/14679-142">http://www.oners.hotims.com/14679-142</a>	142	51
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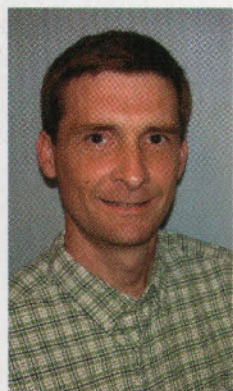
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# Management plan for synthetics

**W**e need a management plan for synthetic turf soccer field. Can you outline the basic equipment needs and schedules?  
North Carolina



**BY DR. GRADY MILLER**  
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I would not consider myself to be an expert on managing synthetic turfgrass having spent my career concentrating on activities related to natural grass surfaces. But I have completed several years of research on selected synthetic turf surfaces and have participated in numerous discussions with athletic field managers that manage synthetic surfaces. This management plan will reflect experiences I have gleaned from other sports turf managers and from resources prepared by the Sports Turf Managers Association and the American Sports Builders Association.

The management plan begins following the professional installation of an outdoor modern synthetic infill turf and will not consider cost associated with either the installation or management. The comments will be directed at the management process and suggested equipment needed to accomplish the management goals of maintaining a safe, high-performance surface for soccer.

In several respects the management of a synthetic surface will be influenced by the same factors that can influence a natural surface. These factors may include the amount of use and level of play, weather conditions, budget, and labor. In addition, some manufacturers may have their own suggested management practices unique for their synthetic product. These should be considered when purchasing a synthetic product since adherence to suggested practices may impact product and/or installation warranties.

The primary cultural practice for a synthetic surface is grooming. To maintain a uniform surface with an infill system the field will need to be swept and dragged regularly. Depending on use, this may be required once a week to once a month. It is important to follow manufacturer's recommendation on grooming because it can cause excessive wear and inappropriate grooming may void your warranty. Equipment needed include something to groom the surface, usually a nylon-bristle brush, and a drag to stand fiber up and to distribute the crumb rubber. These are available that can be pulled behind utility carts.

Infill material will also need to be added on an annual basis. A field will need 1 to 7 tons of rubber added yearly. Note it takes about 20 tons of crumb rubber to get ¼ inch. Topdressing equipment will be necessary in the reapplication of crumb rubber. Vacuums and leaf blowers can be helpful to remove some debris (e.g., sunflower seeds), but in many cases, debris may need to be removed by hand since these implements may also remove/move infill. A field magnet should also be routinely used to remove broken spikes or other metallic contaminants.

The most common post-installation service needed is due to seam failure. Someone on the staff should be trained to troubleshoot seam problems and be capable of making minor repairs.

Seam failures not only can worsen quickly with use, they can also result in athlete injuries so timely repair is essential. Special adhesives and application equipment as well as a sewing kit will be necessary. If lines are not permanently sewn into the field, markings will need to be painted. Ancillary lines outside the field are most often applied with painted. With an outdoor field, the field the lines may need to be painted several times a year, depending on the amount of use.

Quick couplers should be available at the field's perimeter to wash off substances and/or to prevent stains. In addition, watering helps settle the infill and can increase consistency of ball roll and bounce. Timely pressure washing may be beneficial to remove some unwanted fluids or contaminants. Since the rubber holds heat, most liquids dry very quickly. Removing them before they dry is ideal, so post-use inspection is optimum. In some cases special solvents and cleaners may be necessary to remove hard-to-remove stains. Chewing gum removal is one particular time consuming process. In addition, care must be taken to prevent burn damage from fireworks and cigarettes.

There will be a need for spraying equipment. In at least the first year, anti-static materials will be needed to reduce rubber movement due to "static cling." Applications may be needed once to twice per month the first few months, then at reduced intervals afterwards.

While it is still debated, many field managers strongly suggest that the field be treated with anti-microbial products to remove bacterial growth. Natural fields contain billions of beneficial organisms to break down contaminants such as blood, vomit, urine, sweat, spit, and animal droppings. Since these natural beneficial are not in synthetic fields, the fields will require cleaning and/or disinfecting. Field managers are spraying disinfectants weekly to monthly.

With an outside field there is a strong possibility that wind-blown seeds will result in some on-field weed growth. Hand pulling may be effective, but in some cases a post-emergence weed herbicide (not oil-based) may be necessary. Glyphosate works well as a non-selective product without causing staining. In addition, during periods of high rainfall, high humidity, and low solar radiation, moss, mold, and algae can become established on a synthetic surface. It is most common in the less used areas of a field. Appropriate sprays may be needed to prevent rapid spread. Application of wetting agents has also been shown to improve water movement through the synthetic profile. The surface should be evaluated for hydrophobicity every 6 to 8 weeks and sprayed as appropriate.

Part of the regular management of a synthetic surface should include testing and evaluation. Clegg impact testing for hardness, pile fiber loss, shock absorbency, drainage, and seam and inlay integrity should be regularly evaluated to ensure the safety and integrity of the field. ■