

and engine and product failures with E15, and a variety of interests (lawn and garden, auto, power sports, motorcycle and marine equipment) have come out against the use of E15.

Insisting on the right to protect consumers before they get hurt economically or personally, The Engine Products Group filed a petition on March 25, 2013, asking the US Supreme Court to review the DC Circuit Court of Appeals' August 2012 decision that none of the trade associations or parties had standing in the case. The group is challenging the EPA decision to grant partial waivers approving the sale of gasoline containing E15 for 2001 model year and newer passenger cars and light trucks. The Court of Appeals dismissed the case for lack of jurisdiction in August 2012.

This appeal to the Supreme Court reflects the seriousness of this issue for the outdoor power equipment and small engine industry. We feel strongly that this challenge to the E-15 partial waiver needs to be considered on its merits, and not held back on a procedural issue.

In the meantime, other movements are underway to halt E15 sales.

- AAA's (Triple A) has called for the sale and

use of E15 to be suspended until additional gas pump labeling and consumer education efforts are implemented to mitigate problems for motorists and their vehicles.

- Congressman Jim Sensenbrenner (R-WI) introduced H.R. 875, which would require the EPA to stop the use of gasoline containing 15 percent ethanol until its harmful effects are investigated further.

- The Coordinating Research Council released a January 2013 report outlining fuel test results that show E15 fuel can damage fuel system components.

- OPEI has formed an industry task group to study the best and most effective ways to communicate the challenges and risks associated with using E15 to the public.

WHAT YOU SHOULD DO RIGHT NOW

Turf managers should visit www.OPEI.org/ethanolwarning for more information and make sure employees are clear on the dangers of fueling up outdoor power equipment with anything greater than 10 percent ethanol fuel.

Specifically, turf managers should:

- Read and follow the owner's manual. The owner's manual will clearly explain what fuels can be used to ensure a properly functioning product.

- Not put any fuel containing more than 10 percent (E10) in small engine products, unless otherwise stated.

- Check the gas pump to be sure that it is dispensing E10. Some gas pumps at local gas stations may offer both E10 and E15, or have blender pumps that dispense mid-level ethanol fuels for "flex-fuel" automobiles. Higher ethanol fuel may be less expensive than regular E10 fuel, but putting E15 into an E10 approved product could cause product failure and void its warranty.

- Not assume that the fuel they put in their vehicle can also be dispensed in their gasoline can. Be sure that the gas can is filled only with E10 fuel. ■

Kris Kiser is president and CEO of the Outdoor Power Equipment Institute, an international trade association representing 90 small engine, utility vehicle and outdoor power equipment manufacturers and suppliers of consumer and commercial outdoor power equipment.

Toro Pro Force blowers make debris gone with the wind

The new Toro Pro Force is the most powerful single nozzle turbine-type debris blower in its class. This air power provides fast removal of grass clippings, leaves, aeration cores, or other unwanted debris from your sports fields, golf course or other maintained turf areas, and hard surface areas such as park trails, parking lots or golf car paths.

The Toro Company



Turf Tidy 3000

The Turf Tidy 3000 from Redexim North America is one of the most versatile machines built today. It incorporates dethatching, flail mowing, core collection and debris clean up applications into one machine. The Turf Tidy's fully floating cutting head follows the grounds' contours, ensuring accurate cutting and pick-up. The unique turbo fan makes a clean sweep of leaves, pine needles, paper, aeration cores and grass clippings. The large hopper means less time emptying and its high lift allows greater clearance when tipping; it will easily dump into a utility vehicle or dumpster. The large turf tires mean less ground pressure even with a full hopper.

Redexim North America



Wiedenmann sweeper/blowers

To aid in the clean-up process, there are some new machines on the market that help with this clean-up process. The new Super 600 high dump is a heavy-duty sweeper/verticutter/flail mower collection system by Wiedenmann which is much like the Super 500; however, it has an increased hopper capacity of approximately 80%. The multi-purpose head allows for sweeping, verticutting, and flail mowing while collecting clippings into a 5.9 cubic yard hopper with a high dump reach up to 83". Another new product to aid in the clean-up process is the Mega Twister blower, which has approximately 14,500 CFMs and can swivel 270° on the ground. A third new product for sweeping artificial turf is the new Terra Clean 100 ground driven sweeper. The rotary brush of the Terra Clean 100 brings debris and some crumb rubber or infill onto a vibrating screen that separates the debris from the crumb rubber. The crumb rubber is redistributed back onto the field. This machine can be used either indoors or outdoors with just about any type of tow vehicle.

Wiedenmann North America



New Advocacy Manual created especially for sports turf managers

STMA CHAPTERS AND THEIR MEMBERS have been asking for resources on how to address potential regulations affecting sports field management. In response, the association has developed an in-depth 20-page Advocacy Manual that will help all managers deal with community and state governments, proactively and reactively. This members-only resource takes a down-to-earth, easy-to-understand approach to identifying issues, creating relationships with lawmakers, building coalitions, establishing meeting protocols with lawmakers, communicating with the press, and much more.

The STMA Advocacy Manual was created as a complete turnkey tool kit for those involved in sports field management so they could hit the ground running with these best practices in-hand. As stated in the manual, advocacy is "...**any action taken to influence public policy**. It can take many different forms, but the end goal is always to **persuade lawmakers to take actions that are beneficial** to your group or organization. Letter writing, phone calls, in-person visits, media relations, public awareness

campaigns, giving public testimony, conducting and sharing research, and lobbying are all forms of political advocacy."

All well and good, but many people try to persuade lawmakers with little success...how does this resource differ from those that have come before it? According to the manual, the key to successful advocacy is "...the **ability to effectively communicate with lawmakers**, and to be seen by lawmakers as a **trustworthy source of credible information**. After all, who knows more about your industry than you and your colleagues in the Sports Turf Managers Association?"

Some sample sections of the manual include:

- "Identifying Advocacy Priorities"
- Communicating with Lawmakers – Phone calls, letters and emails
- Communicating with Lawmakers – Meetings
- Anatomy of a Lawmaker Meeting
- Communicating with Lawmakers – More ways to build relationships

- Working with Alliances and Coalitions
- Communicating with the Media
- Social Media and Advocacy
- Hiring a Lobbyist

The STMA Advocacy Manual can be found in the "Knowledge Center" (Members Only) under the "Environmental Stewardship" tab.

STMA has also produced a comprehensive list of **Environmental Regulations that Affect Sports Fields** (in the Members Only "Knowledge Center" section under the "Environmental Stewardship" tab) to help sports field managers stay in compliance with their state's requirements. The document includes state/federal laws and regulations covering pesticide and fertilizer licensing/certification, pesticide and fertilizer use, school IPM, integrated pest management, and water use and quality topics. These specific areas were researched and included for their applicability to the management of sports fields.-Shant S. Thomas, STMA Sales & Marketing Manager and STMA staff ■

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: <http://imstma.blogspot.com/>

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.sfmnj.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.sc-stma.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



Save up to 80% on top services and products for your business

80%



See our deals and save

greenmediaonline.rapidbuyr.com/deal

Leverage the buying power of millions of businesses

Landscape
and IRRIGATION

ARBOR

green media deals

SportsTurf

OPE

Powered by
RAPID BUYR



TURFTIME
EQUIPMENT, LLC

Great Turf in less Time with the right Equipment



THATCH MASTER

Remove excess Thatch;
Verticut to promote new growth



ADVANTAGE AERATOR

Improve drainage;
introduce air and nutrients



ADVANTAGE Topdresser

Control spread pattern
8' to 40' +

www.TurfTimeEq.com
800-201-1031

**THE BEST EQUIPMENT.
ON EARTH.**



The Rotarola from Masport. Rotary mower with Rear Roller for Stripping




The BowDry Water Remover

Call for a dealer near you

SEAGO
INTERNATIONAL, INC.

Ph. 800-780-9889
www.seagousa.com

FENCE GUARDS™




Fence Guards™ protective covers for chain link fencing are available in six colors—safety yellow, dark green, red, white, blue, and orange—and in premium, standard, and lite grades. These UV-resistant, polyethylene covers protect players from injuries and provide a distinctive look to your fencing.

Fence Guards™ come in cartons of ten 8-ft. sections and include UV-resistant ties for securing every 2 feet to fence.

Other styles also available, as well as: windscreen, wall padding and portable safety fencing.

800-247-2326
BEAM CLAY/PARTAC PEAT CORPORATION
www.FENCEGUARDS.com

turf-tec International




From the inventors of the original Soil Profile Sampler. Now there is an easier way to take soil profile samples. See us online for other models available.

Mascaro Profile Sampler

Turf-Tec International
800-258-7477
www.turf-tec.com 

WANT TO REACH QUALIFIED BUYERS?

- TARGETED LEADS
- SUPERIOR PENETRATION
- PROVEN VALUE
- OUTSTANDING RESULTS

Then rent our list of targeted, qualified readers for your next direct mail promotion.

Call today for more information regarding our product lines and extensive database marketing programs.

SIM
SPECIALTY INFORMATION MEDIA

Cheryl Naughton
cnaughton@speciatyim.com
678-292-6054
Fax: 360-294-6054

Please fill out this form in its entirety

- ☐ **Yes, please start/continue my FREE subscription to *SportsTurf***

FOR FASTER SERVICE visit our website at
www.sportsturfonline.com/subscribe or fax to 845-856-5822

- ☐ No, thank you.

Which version would you like to receive?

- ☐ **Print** ☐ **Print/Digital**

Signature: (required) _____ Date: _____

Name: (please print) _____

Title: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: (required) _____

May 2013 - Expires October 2013 - RS1305

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)

- A ☐ EXECUTIVE/ADMINISTRATOR — President, Owner, Partner, Director, General Manager, Chairman of the Board, Purchasing Agent, Athletic Director
B ☐ MANAGER/SUPERINTENDENT — Superintendent, Landscape/Ground Maintenance Manager, Foreman, Supervisor
C ☐ GOVERNMENT OFFICIAL — Government Commissioner, Agent, Other Government Official
D ☐ SPECIALIST — Architect, Designer, Consultant, Agronomist, Horticulturist, Certified Specialist
F ☐ COACH E ☐ Other (please specify) _____

3 Do you have the authority to buy, specify or recommend products and/or services for your business or organization?

Y ☐ Yes N ☐ No

4 Yearly operating expenditures (excluding salaries)

- F ☐ Over \$1 million C ☐ \$50,001 - \$100,000
E ☐ \$500,001 - \$1 million B ☐ \$25,001 - \$50,000
D ☐ \$100,001 - \$500,000 A ☐ \$25,000 and under

5 Please also send a free subscription to the following people at the same location

Name _____ Title _____

Name _____ Title _____

SportsTurf ADVERTISERS' INDEX

Advertiser	Page #	Web Address
Aquatrols	2	www.aquatrols.com
Barenbrug USA	48	www.barusa.com
Beam Clay	44	www.beamclay.com
Covermaster	17	www.covermaster.com
CoverSports USA	21	www.coversports.com
Cub Cadet	47	www.cubcadet.com
EcoChemical	31	www.eco-templine.com
Ewing Irrigation	3	www.ewing1.com
Graco	35	www.graco.com
Hydraway Drainage Systems	33	www.hydraway.net
Johnston Seed	24-25	www.johnstonseed.com
PBI Gordon	13	www.pbigordon.com/q4plus
PBI Gordon	19	www.pbigordon.com/katana
SEAGO	44	www.seagousa.com
Sod Solutions	15	www.sodsolutions.com
SportsTurf Managers Association	11	www.stma.org
STEC Equipment	23	www.stecequipment.com
SubAir Systems	29	www.turfbreeze.com
TifSport Growers Association	9	www.tifsport.com
TurfTec	44	www.turf-tec.com
TurfTime Equipment, LLC	44	www.TurfTimeEq.com
Wiedenmann North America	27	www.wiedenmannusa.com
World Class Athletic Surfaces	29	www.worldclasspaints.com

SportsTurf

SPORTS FIELD AND FACILITIES MANAGEMENT

has gone mobile!

Now you can access all the latest news and events anywhere, anytime. Simply visit
www.sportsturfonline.com/mobile4
to stay connected.



Q&A

Never stop learning



BY DR. GRADY MILLER

Professor, North Carolina State University

Questions?

Send them to
Grady Miller at

North Carolina State University,
Box 7620, Raleigh, NC 27695-
7620, or email
grady_miller@ncsu.edu

Or, send your
question to

David Minner at
Iowa State University, 106 Horti-
culture Hall, Ames, IA 50011
or email
dminner@iastate.edu.

I understand your position as a turfgrass faculty member, but a synthetic turf surface allows me to prepare our team regardless of the weather conditions. Preparation is what wins games. A synthetic turf field has consistent footing and requires less maintenance during the year. I know NFL has data suggesting it may not be as desirable as natural grass and there have been medical studies that link it to injuries. But the other schools in our conference have them and use them and do not express the negatives that keep coming up. I used them at my previous school and liked them, but most importantly they allowed my team to be better prepared for games. Preparation wins games. So, why not have a synthetic field?

*Coach Dave Doeren,
North Carolina State University*

The comments above may be slightly paraphrased, but they reflect how I remember our coach's opening comments a few weeks ago. About a week before this conversation, rumors starting swirling that our new head football coach [Doeren] wanted to change our stadium field to a synthetic turf. This started an unexpected barrage of negative e-mail directed at him and our athletic director. Soon after I was asked to visit the athletic offices in the stadium to have some dialogue on the subject.

Exactly 1 year ago I wrote a brief essay for *SportsTurf* people in general (athletes, parents, boosters, etc) want synthetic turfgrass fields. Based on my experiences I figured I would hear from our coach more of the same reasons I have heard before. I was wrong.

Coach Doeren and his staff had researched the pros and cons and they did not base their justification for the synthetic surface on the typical reasons. It was not

about having fast game fields or the inability to manage natural grass surfaces. It was primarily about team preparation and winning.

The bestselling book "Outliers" details the concept of the 10,000-Hour Rule. The book's author gives examples where scientists have tried to determine if there is such a thing as innate talent. The answer has been yes, but they almost always point out that to have achievement there is also a need for preparation. But after significant analysis, scientists also found that even with the gifted (e.g., Mozart, Bill Gates, The Beatles), that innate talent seems to play a smaller role in achievement than preparation plays. The magic number that kept coming up in their analysis of outstanding performance, regardless of the activity: 10,000 hours of dedicated practice.

The NCAA rules limit practice time for college athletes. Considering all the NCAA stipulations, I am sure keeping up with countable hours of practice requires athletic associations to employ "timekeepers" just to stay in compliance. But even if rules were violated, it would be impossible for a student-athlete to reach 10,000 hours of practice under the direction of a coach. Does this swing the pendulum back toward the importance of talent to have high achievement? I will leave that as a rhetorical question.

Getting back to the synthetic turfgrass issue, there is no question that with our super-wet and cool spring that natural grass fields were difficult to keep in good shape. The athletic department staff wants to maintain the integrity of their fields and provide a great surface for practice. As the fields deteriorate so does the traction. This can lead to

more injuries. And the nature of practice is repetition, often in the same location of a field. Repetitive drills on soggy fields can quickly deteriorate field conditions and can ultimately lead to field failure. What is a team to do?

Well, they start thinking about synthetic turfgrass as an option. As I stated a year ago, "There may be one trait or issue that becomes the tipping point in favor of one surface over the other." Our coaching staff had reached that tipping point—our current field situation was limiting their preparation time. Our coach's experience had taught him that preparation gave his team a better chance of winning games. Concurrently, other schools may not have had practices limited by field conditions. So, the solution was to have an all-weather playing surface. A temporary fix was to trek to a local high school that had a synthetic field. But that trek time is also part of countable hours of practice according to NCAA, resulting in less available field time.

The question was then where to put a synthetic surface? Our coach previously had a synthetic stadium field, so why not at NCSU? Well, we are a land grant university (aka an Ag school). This was a big part of the resistance to putting synthetic turf in the stadium. It just did not match the legacy of our University's history.

So, after the resistance, the decision was made to change one of the three natural grass practice fields to synthetic. An indoor practice facility would be an even better solution, but cost prohibitive at this time. Will the stadium ever have synthetic turf? Perhaps one day. But for now we are going to concentrate on preparation and winning and stick with tradition come Saturday. ■



Smart Factory Financing Available*



IT'S NOT JUST THE TOUGHEST COMMERCIAL ZERO-TURN. IT'S THE SMARTEST.

Featuring steering wheel control and four-wheel steering, Cub Cadet's TANK™ SZ commercial zero-turn rider delivers unmatched stability and unbelievable maneuverability on any type of terrain. All with the Cub Cadet Signature Cut™ for beautiful results. Plus, the TANK™ SZ is built with the thickest steel in the industry and comes with a lifetime warranty† on its frame. Giving it backbone to go with brains.

Prove to yourself what makes Cub Cadet the smartest choice. To find a dealer near you for a test drive, visit cubcadet.com.



Cub Cadet.



* Subject to credit approval on a Cub Cadet credit card account. Not all customers qualify. Additional terms may apply.

Please see your local Cub Cadet retailer for details.
Cub Cadet commercial products are intended for professional use.

† See your local Cub Cadet independent dealer for warranty details.

© 2013 Cub Cadet

Kentucky Bluegrass Engineered for Superior Sod Performance & Turf Health



Fast Germination and Aggressive Establishment
Excellent Sod Formation and Sod Shear Strength
Outstanding Traffic Tolerance and Wear Recovery
Early Spring Green-up/Outstanding Summer Performance
2005 NTEP Trial: Top Category or Best for 16 Traits*

*Data for Barvette HGT

PATENT PENDING



Available in *TURF BLUE* - Premium Bluegrass Blends

 **BARENBRUG®**
Great in Grass®
www.barusa.com