### SDJA Field Use 2009

<table>
<thead>
<tr>
<th>Month</th>
<th>Events</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUGUST</td>
<td>Football practice starts (2 per day) 9AM-11AM, 4PM-6PM (Monday-Friday)</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Del Mar Baseball and Softball Academy Camp 9AM-3PM (Monday-Friday)</td>
<td>30</td>
</tr>
<tr>
<td>SEPTEMBER</td>
<td>School Starts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gym Classes 1PM-2PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Middle School Football 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Varsity football practice 3PM-5PM (Monday-Friday, Sunday)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Varsity football home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Middle School football home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fall Baseball Workouts (Sunday)</td>
<td>3</td>
</tr>
<tr>
<td>OCTOBER</td>
<td>Classes 1PM-2PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Middle School Football 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Varsity Football practice 3PM-5PM (Monday-Friday, Sunday)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Varsity Football home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fall Baseball workouts 3PM-5PM (Monday, Wednesday, Thursday)</td>
<td>6</td>
</tr>
<tr>
<td>NOVEMBER</td>
<td>Gym Classes 1PM-2PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Middle School Soccer 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls Varsity practice 3PM-5PM (Monday-Friday, Sunday)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls MS home soccer games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MS softball practice 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MS softball home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fall Baseball workouts 3PM-5PM (Monday, Wednesday, Thursday)</td>
<td>6</td>
</tr>
<tr>
<td>DECEMBER</td>
<td>Gym Classes 1PM-2PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Middle School Soccer 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls Varsity practice 3PM-5PM (Monday-Friday, Sunday)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls MS home soccer games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MS softball practice 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MS softball home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Winter Baseball workouts 3PM-5PM (Monday, Wednesday, Thursday)</td>
<td>6</td>
</tr>
<tr>
<td>JANUARY</td>
<td>Gym Classes 1PM-2PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Middle School Soccer 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls Varsity practice 3PM-5PM (Monday-Friday, Sunday)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls MS home soccer games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MS softball practice 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MS softball home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Winter Baseball workouts 3PM-5PM (Monday, Wednesday, Thursday)</td>
<td>6</td>
</tr>
<tr>
<td>FEBRUARY</td>
<td>Gym Classes 1PM-2PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Middle School Soccer 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls Varsity practice 3PM-5PM (Monday-Friday, Sunday)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Boys and Girls MS home soccer games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MS softball practice 2PM-3PM (Monday-Friday)</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MS softball home games (as scheduled)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Winter Baseball workouts 3PM-5PM (Monday, Wednesday, Thursday)</td>
<td>6</td>
</tr>
</tbody>
</table>

**ST:** How has the economic climate affected your operations?

**Koss:** Thankfully, the economy has not fiscally affected my operations. However, the economy does dictate the number of facility rentals which directly affects turf health. We packed in the facility rentals last school year and over the summer to pull in revenue and the traffic load took a toll on field conditions.

The school’s enrollment numbers are down this year, but the roster numbers have remained the same within the athletic department. Facility rental requests have been put on hold until the spring to let the turf recover from the summer baseball camps and the lack of suitable Bermuda-grass growing weather. The absence of field rental tenants should help the field return to the condition it needs to be in to withstand the wear and tear of the 14 teams that train and compete on the field throughout the school year.
SAFE seeks donations for Live & Silent Auctions

After a resoundingly successful series of auctions at the last several STMA Conferences, the Foundation for Safer Athletic Field Environments (SAFE) is running out of donations to put in the live and silent auctions in Austin. Some years ago, STMA members made significant donations of memorabilia for use until the auctions gained traction … and boy have they ever! Headed up by SAFE Chairman Boyd Montgomery, CSFM, CSE and Auction Chairman Tom Curran, the events at the Conference each year have helped raise more than $50,000 so far for SAFE. Last year, the SAFE and the STMA Board instituted an exciting new way to help SAFE raise money by selling lottery style pull-tab tickets that generated more than $1,900 in sales. They will be selling tickets again down in Austin, so be ready … there were some $500 winners last year!

As the 501(c)3 arm of STMA, SAFE's current mission is to provide research, educational programs, and scholarships geared to sports field specific endeavors. Since its inception in the year 2000, SAFE has awarded more than $150,000 in scholarships and travel, funded several research studies and provided funds for the 2-year and 4-year teams winning the STMA Student Challenge.

Now, we need you and/or your company to donate memorabilia, product, team gear, equipment, services, travel, wine, gift certificates, golf outings or anything else that can help SAFE surpass its fundraising goals. Items previously donated have included tickets to NASCAR races, expensive equipment and pallets of product, Garmin GPS units, Nintendo Wii’s, autographed memorabilia, and much more. Donations may be tax deductible, but each donor should consult their tax advisor regarding the deductibility of a given donation.

To make a donation, simply contact STMA Manager of Sales and Marketing, Patrick Allen at 800.323.3875 or pallen@stma.org. Thank you in advance for your generous support of this wonderful foundation and we look forward to seeing you in Austin.

Ask a CSFM Kevin Vos, CSFM, superintendent, Bos Landen GC, Pella, IA

Benefits of certification verified

Editor’s note: This is the third of six installments on how becoming a Certified Sports Field Manager (CSFM) can benefit turf managers professionally as well as improve their facilities.

How did you prepare for the CSFM Exam?
Vos: I read as many sports turf industry books, old college class books and related information as possible. Whatever I had been keeping in my turf files, I reviewed.

How did you approach your employer to support your certification, both financially and in the time needed to prepare for the exam?
Vos: My employer and superiors were always supportive of belonging to STMA. So when the discussions about CSFM took place, they were very receptive of the CSFM program. My employer provided the funding for the exam and recertification also. They understood about the importance of becoming the best you can be.

I prepared for the exam on my own time, during evenings and weekends whenever possible. This took a little longer but it was in environment where I could stay focused and still be close to family when needed.

Why did you decide to pursue certification?
Vos: I believe a person should try each day to become educated to the highest degree possible in your own situation. Becoming a CSFM helped me achieve a level of professionalism within the sports turf industry. I had great encouragement and support from fellow CSFM and friend, Mike Andresen.

How has certification helped your career?
Vos: Becoming CSFM helped me achieve personal satisfaction. On the employment side, it helped future employers see me as more of a professional. The certification not only helped a lot with recognition by my employer but also the community as a “go to” person for knowledge and information regarding sports turf and related turf areas. It has been a blessing to be a CSFM!
Chapter Profile: Illinois STMA

Founded in 1990, the Illinois chapter of STMA was one of the first official chapters affiliated with STMA. It operated for many years as the Midwest Chapter. The chapter has a seven-member Board of Directors and an Executive Director. The current president, Mike Schiller, CSFM, is also a Past President of STMA, having served in that role in 1996-1997. The chapter typically holds a spring, summer and fall event. The summer’s event was held at Northwestern University and the fall event was September 22, in conjunction with the Illinois Turfgrass Foundation, where the chapter heard about the latest turfgrass research from the University of Wisconsin, Penn State, and Purdue University.

The newest update from the chapter is its website. The chapter has developed a highly functioning website for its members and others in the industry. A key feature is an on-line membership renewal and sign-up feature, and on-line applications for scholarships and awards. Its new website can be found at www.ILSTMA.org.

The chapter has a seven-member Board of Directors and an Executive Director. The current president, Mike Schiller, CSFM, is also a Past President of STMA, having served in that role in 1996-1997. The chapter typically holds a spring, summer and fall event. The summer’s event was held at Northwestern University and the fall event was September 22, in conjunction with the Illinois Turfgrass Foundation, where the chapter heard about the latest turfgrass research from the University of Wisconsin, Penn State, and Purdue University.

The newest update from the chapter is its website. The chapter has developed a highly functioning website for its members and others in the industry. A key feature is an on-line membership renewal and sign-up feature, and on-line applications for scholarships and awards. Its new website can be found at www.ILSTMA.org.

Chapter Sponsors

John Deere

Hunter

The Irrigation Innovators

STMA Affiliated Chapters Contact Information

North Carolina, South Carolina Chapters again team up for conference and trade show

The North and South Carolina chapters of the Sports Turf Managers Association will host the second annual NC/SC STMA conference and trade show, an education, networking, community service and golf event, from November 15-17, 2010 in Myrtle Beach, SC.

Registration is open to all sports field managers and crew members. Registration fees, a calendar of events, information about speakers, and details on accommodations can be found online at www.SCSTMA.org or www.NCSPORTSTURF.org. Lodging information on the conference hotel, the Caravelle Resort, 6900 North Ocean Boulevard, is available at www.thecaravelle.com or (800) 796-8238.

The 3-day event will offer on the field maintenance training including soil sampling and spreader/sprayer calibration, the Carolinas GCSA trade show and STMA educational sessions featuring a panel discussion on field traffic tolerance plus presentations by Dr. Bert McCarty from Clemson, Dr. Grady Miller from NC State University, and Bob Campbell from the Univ. of Tennessee at the Myrtle Beach Convention Center. A golf outing at the Man O’ War is optional, with a separate fee. The Certified Sports Field Manager exam is offered for those prequalified through the STMA.

For further information contact Bruce Suddeth, director of Landscape Services at the University of South Carolina Upstate and past-president of the SCSTMA at 864-503-5514, bsuddeth@uscupstate.edu or Tommy Walston, Sports Turf Manager at East Carolina University and current President of NCSTMA, 252-737-2262 or walstont@ecu.edu.

STMA International Affiliate Organizations:

National Parks, Singapore: www.nparks.gov.sg

Sports Turf Association, ON, CANADA www.sports turf association.com

Forming International Affiliate Organizations:

Irish Institute of Sport Surfaces

Institute of Groundsmanship
Marketplace

Wet or Dry

60 Tons or Yards per hour
8 to 40 Ft spread pattern

OVERSEEDING

Verti-cut up to .75 inch deep
A Football Field in 40 minutes

www.TurfTimeEq.com
800-201-1031

Toro Groundsmaster 3505-D.
Sportsfield striping and
a superior quality of cut.

visit www.toro.com
or contact your local distributor at
800-803-8676

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.

Cheryl Naughton
cnaughton@m2media360.com
678-292-6054 Fax: 360-294-6054

Want to reach qualified buyers?

Water Movement Products

Kochek’s NEW

“ULTRALITE” High Pressure Hose
Comes in 1” dia. with fully flow coupling or 1 ¼” dia. with 1” fitting.

100% high tensile strength virgin polyethylene
Braided woven infused smooth rubber helical design
Most durable and highest hose available

Working Pressure ±300 PSI
Test Pressure ±800 PSI
Max. Burst Pressure ±1200 PSI

And

“GH SERIES” Irrigation Hose
Comes with both couplings and can be assembled with full flow 1” couplings.
IRGH100-001-FF
IRGH100-002-FF
IRGH106-030-FF

Lightweight
Protection resistant cover
High rated working & burst pressures
Superior weather, ozone, & ultraviolet resistance

Visit the web
kochek.com

TEL: 800-420-4673
FAX: 800-772-0255

Beam Clay® has supplied products to every Major League Baseball Team and over 150 Minor League Teams, more than 700 colleges and thousands of towns and schools from all 50 states and worldwide. Beam Clay® supplies special mixes for infields, pitcher’s mounds, home plate areas, red warning tracks, infield conditioners, drying agents, plus over 200 other infield products, including regional infield mixes blended for every state and climate from bulk plants nationwide!

BEAM CLAY®
800-247-BEAM (2326)
WWW.BEAMCLAY.COM

Maximize your positive press from your feature in SportsTurf

Reprints
Maximize the marketing power of your feature.

Eprint

Custom Plaques
Showcase your great press in a public area for all to admire.

For custom reprints contact us today!
Call 866.879.9144 x131 or email us at reprints@m2media360.com

Now offering short-run reprints! Order 100 copies or less.
Please fill out this form in its entirety

Yes, please start/continue my FREE subscription to Sportsturf
FOR FASTER SERVICE visit our web site at http://www.submag.com/sub/tft or fax to 847-763-9569

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)  

October 2010 - Expires April 2011 - RS1010

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  $0 - $25,000  G  $25,001 - $50,000  
E  $50,001 - $100,000  B  $100,001 - $250,000  
D  $250,000 and over  A  Over $1 million  

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

Visit www.sportsturfonline.com and click on “E-newsletter” to register quickly

SportsTurf  ADVERTISERS’ INDEX

Advertiser  Page #  Web Address

Agrium Advanced Technologies  . . . . . . . . .24-25  . . . . . . . .www.agriumat.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 Commercial  . . . . . . . . . . . . . .3  . . . . . . . . . . . . . . . . .www.cubcadetcommercial.com
Diamond Pro  . . . . . . . . . . . . . . . . . .35  . . . . . . . . . . . . . . . . .www.diamondpro.com
GreensGroomer  . . . . . . . . . . . . . . . . .9  . . . . . . . . . . . . . . . . .www.greensgroomer.com
Harper Industries-Deweze-Goossen  . . . . . .19  . . . . . . . . . . . . . . . .www.deweze.com
Hydraway Drainage  . . . . . . . . . . . . . . . .11  . . . . . . . . . . . . . . . . .www.hydraway.net
John Deere  . . . . . . . . . . . . . . . . . . . . .5  . . . . . . . . . . . . . . . . .www.johndeere.com
Kochek Company  . . . . . . . . . . . . . . . . .44  . . . . . . . . . . . . . . . . .www.kochek.com
Sports Turf Managers Association  . . . . . . . .5  . . . . . . . . . . . . . . . . .www.stma.org
Stabilizer Solutions  . . . . . . . . . . . . . . . .13  . . . . . . . . . . . . . . . . .www.stabilizersolutions.com
Synthetic Surfaces  . . . . . . . . . . . . . . . . .15  . . . . . . . . . . . . . . . . .www.nordot.com
TifSport Growers Association  . . . . . . . . .23  . . . . . . . . . . . . . . . . .www.tifsport.com
The Toro Company  . . . . . . . . . . . . . . . . .2  . . . . . . . . . . . . . . . . .www.toro.com
The Toro Company  . . . . . . . . . . . . . . . . .44  . . . . . . . . . . . . . . . . .www.toro.com
Turf Time Equipment  . . . . . . . . . . . . . . .44  . . . . . . . . . . . . . . . . .www.TurfTimeEq.com
World Class Athletic Surfaces  . . . . . . . . .31  . . . . . . . . . . . . . . . . .www.worldclasspaints.com

SportsTurf  Your Digital issue is Here!
With digital editions, you get the same in-depth articles PLUS interactive features that let you experience your issue in a whole new way.

Go Digital! Subscribe Now!

Digital backgrounds and digital images courtesy of istockphoto.com.
We are experiencing yellow grass along our chain link baseball fence and also on the baseball outfield where we have painted soccer field lines for several years. What's with the yellow grass?

Steve McCarthy, Grounds Supervisor, Breck School, Golden Valley, MN

Iron chlorosis is a common problem on high pH soils in the semi-arid western states and it is seldom observed in Minnesota; however, the Midwest experiences varying degrees of yellow grass each year from late July through early September. Dave Devetter tackled this problem for his MS degree in 2007 and here is what we now know.

We now call this summer-induced iron chlorosis. It only occurs in late summer just before plants normally recover in early fall. We notice it mostly in Kentucky bluegrass and to a lesser extent in perennial ryegrass and tall fescue. The youngest leaves located in the center of the grass plant seem to yellow the most with the older or outer leaves showing less yellowing. The yellowing usually starts in July and progresses as temperature and plant stress accumulates through August. Under severe conditions some leaf tissue will turn white.

Summer induced chlorosis has been reported when turfgrass root-zone temperature exceeds 93°F. Below 86°F chlorosis did not occur. Declining temperatures at the beginning of September almost always makes this problem simply and suddenly go away over a 2-week period. Chelated iron fertilizers can restore the normal green color to turf, however it was interesting to note that iron fertilizer applications performed best at the height of the summer induced iron chlorosis season. Preventative application of iron fertilizer, before or at the onset of chlorotic symptoms, did not reduce iron chlorosis.

Scott McCarthy puts an interesting twist on this yellow grass phenomenon with his pictures of yellow grass near a chain link fence and on top of painted lines in Minnesota. The timing (late summer), individual plant symptoms (youngest leaves first), progressive nature (keeps getting worse from the first day it is noticed), and rapid disappearance (it goes away each year in the fall and returns at the end of the summer) all fit with what we have come to know as summer induced iron chlorosis.

The influence by the fence and paint lines is not completely understood but after talking with a few of my colleagues here is what could be happening. Along the fence there may be other metal ions that are competing or antagonizing iron uptake by the plant. The painted lines (not limed lines) may be rich in calcium that is also competing with iron. If you have another idea, let me know.

Just for comparison I included the last picture where old football field lines in western Nebraska were repeatedly limed over many years; this is clearly a high pH situation showing lime induced iron chlorosis.

In my experience, summer induced iron chlorosis seldom kills grass and the unusual lime green color will simply go away with cooling autumn temperatures. If you don’t like the yellow grass then green it with some iron. It’s been a long summer and I’ve seen grass of every dead color you can imagine. Finish your aerifying, Scott, and let’s go tip over a couple of 5-gallon buckets and then sit on the ice to contemplate yellow perch instead of yellow grass.
IT DOESN’T LEVEL THE PLAYING FIELD.
IT DOESN’T HAVE TO.

INTRODUCING THE NEW TANK™ S LIQUID PROPANE ZERO-TURN RIDER WITH FOUR-WHEEL STEERING. PART OF A COMPLETE LINE OF PRODUCTS THAT GIVE YOU AN UNFAIR ADVANTAGE.

Get ready for a whole new era in zero-turn riders. Steering wheel control, four-wheel steering and Synchro Steer™ technology give the new TANK™ S Liquid Propane an unmatched level of control and stability — even on hills. Plus, the EPA- and CARB-certified TANK™ S Liquid Propane reduces smog-forming emissions by 60% and toxic emissions by 80%, and it uses less-expensive fuel. So you’ll be helping the environment — and helping yourself to the best rider you can get.

To find your dealer or schedule a product demo, call 1-866-246-4971.