

Meet the members who missed the Directory printing

STMA's annual printed directory is current through May 24. Any member who joins STMA or renews a membership, regardless of the date, is always included in the real-time on-line directory. Following are those who joined as new members or renewed their memberships after the May cutoff date. This list is current through August 3. For full contact information, please go to the members only side of www.STMA.org.

STMA thanks all of its members for their continued support of the association!

First Name	Last Name	Suffix	Company Name	City	State	Country
Philipe	Aldahir		Auburn University	Auburn	AL	
Matthew	Armbrister		John Deere	Cary	NC	
Joseph	Arnone		Northern Nurseries Inc.	W Suffield	CT	
Jonathan	Arthur		Gardencare Services	Accra		Ghana
Ralph	Baldenegro		Maricopa County Community College District	Chandler	AZ	
Andrew	Bartley		Pittsburgh Pirates	Bradenton	FL	
Adam	Basden		City of San Luis Obispo	San Luis Obispo	CA	
Kevin	Beckman		City of Boca Raton	Boca Raton	FL	
Ron	Bethke			Fort Dodge	IA	
Tyler	Bigham			Lubbock	TX	
Brian	Blount		The Ohio State University	Columbus	OH	
Bruce	Boman		Southwestern College	Chula Vista	CA	
LeRoy	Butler		GreenOne Industries	Sedalia	CO	
Paul	Carlson		Syngenta Professional Products	Olivette	MO	
Matthew	Carroll		John Deere Landscapes	Loganville	GA	
Camilo	Castillo		City of Lakewood	Lakewood	CA	
Aaron	Champagne		City of Spokane Parks & Recreation Dept	Spokane	WA	
Jonathan	Charwick		"Gale Associates, Inc."	Towson	MD	
Nick	Cole		University of California/	Berkeley	CA	
Casey	Corbin			Lakewood	CO	
Anthony	Davis		University of Technology	Kingston.6		Jamaica
Jeff	Dean		City of Lakewood	Lakewood	CA	
Drew	Doty		The Brickman Group	Ghent	NY	
Cole	Dudley		Denver Broncos Football Club	Englewood	CO	
Jeffrey	Ebdon	Ph.D.	University of Massachusetts	Amherst	MA	
Greg	Fear		Sodexo	Bowling Green	KY	
Mark	Fletcher			Avon	NJ	
Raymond	Galleno	Jr.		Huntersville	NC	
Tim	Gambrell			Jupiter	FL	
Josh	Glover			Raleigh	NC	
Ronald	Griffin		Bartram Trail High School	St Johns	FL	
John	Halloran		Grassland Equip. & Irr. Corp.	Latham	NY	
Britt	Hendrix			Savannah	GA	
Jason	Hilderbrand		Inland Empire 66ers	San Bernardino	CA	
Ryan	Hillert			Brooklyn	NY	
Benjamin	Hobbs			Nashville	TN	
Kenneth	Hopkins		Tropic Designs	Jonesboro	GA	
Steven	Jablonski			Euless	TX	
Richard	Johns			Little Rock	AR	
Patrick	Jones		The University of Tennessee/Knoxville	Knoxville	TN	
Larry	Lane		"Turf Time West, Inc."	Dana Point	CA	
Kenneth	Langley		Dunwoody Senior Baseball	Dunwoody	GA	
Ronald	Lee	Jr.	Glynn County Schools	Brunswick	GA	
William	Link		"Lakelin, Inc."	Coldwater	MI	
Jason	Londeree		Charlotte Country Day School	Indian Trail	NC	
Michael	Longyhore			Odenton	MD	
Sergio	Lopez		Sodexo	Oklahoma City	OK	
Norval	Lunan		Premier Turf	Morris	CT	
John	Mardesich			Cupertino	CA	
Jeremy	Marsh		McGill Environmental	Harrells	NC	
Paul	Massey		Tifton Turf Farms	Tifton	GA	
Nick	McCabe		Ithaca College	Ithaca	NY	
Ernie	McClatchie		Ithaca College	Ithaca	NY	
Jay	McClintock		Town of Walkkill	Middletown	NY	
Brett	McCubbin		City of Smithville - Parks Dept	Smithville	MO	
Mike	McDade		City of Lakewood	Lakewood	CA	
John	McHugh		Kifco Irrigation	Havana	IL	
Stephen	McIntosh		Mylan Park	Morgantown	WV	
Tyler	Meppelink			Grand Rapids	MI	
Alan	Milam		Guilford Technical Community College	Jamestown	NC	
Andrew	Miller			Macy	IN	
Robbie	Miller		Providence Day School	Charlotte	NC	

First Name	Last Name	Suffix	Company Name	City	State	Country
John	Mithaler	Jr.		Apex	NC	
Edward	Mitchell		Our Lady of Mercy Academy	Bayport	NY	
Terri	Mitchell		"Armaccell, LLC"	Mebane	NC	
Jeffrey	Moon			Rock Hill	SC	
Don	Morris		Covenant College	Look Out Mnt	GA	
Mark	Moxley		City of Fort Walton Beach	Fort Walton Beach	FL	
Michael	Moyer		Greenlife Turf Contracting	Lamar	MO	
Justin	Mullis		Spartanburg Parks Commission	Spartanburg	SC	
Erika	Murata		"Rockey Murata Landscaping, Inc"	Cerritos	CA	
Joel	Murphy		Plainfield School District 202	Plainfield	IL	
David	Navarro	Jr.	Carson City Parks & Rec Dept	Carson City	NV	
Zachary	Nielsen			Rockford	MI	
William	Norris		"Reinders, Inc."	Shawnee	KS	
Rich	Ohara		University of California	Los Angeles	CA	
Dave	Osborne		City of Lakewood	Lakewood	CA	
Vincent	Patterozzi			Glen Carbon	IL	
Gordon	Porter		Paxton High School	Paxton	FL	
Barry	Pozzo			Drumheller	AB	Canada
John	Pridgen		"Sportscape Services, Inc."	Lacrosse	FL	
Wayne	Radke		Town of Windsor	Windsor	CT	
Dave	Radueg			Denver	CO	
Robert	Ralston			Shawnee	KS	
Victor	Roberts		Lakota School	Liberty Township	OH	
Mario	Rodriguez		City of Winter Haven	Winter Haven	FL	
Jason	Rolf		Harrison Central School District	Tuckahoe	NY	
Troy	Romero		"Sports Turf Specialist, LLC"	Welsh	LA	
Scott	Rowedder			Iowa City	IA	
Ryan	Rowland		Minnesota Twins	Carver	MN	
Kerry	Satterwhite		Pearl Valley Organix	Pearl Valley	IL	
Stephen	Sawyer		Sidwell Friends School	Washington	DC	
Mike	Scully		ValleyCrest Landscape Maintenance	Phoenix	AZ	
Todd	Sechser		City of Lakewood	Lakewood	CA	
Joshua	Sells		River Hills Country Club	Indian Trail	NC	
Bill	Seymour		"Gale Associates, Inc."	Weymouth	MA	
Chris	Shockley		University of Rochester	Rochester	NY	
David	Smith			Pennsville	NJ	
James	Smith			San Antonio	TX	
Ronald	Snarr		University of Utah	Salt Lake City	UT	
Ryan	Snead			Sunnyvale	CA	
Connor	Snide			Swanzy	NH	
Michael	Soper			Peabody	MA	
David	Spacone		Niagara Falls School District	Niagara Falls	NY	
Rodney	St. John		Kansas State University Horticulture Research Ctr	Olathe	KS	
Brian	Stokes			Alexandria	VA	
Dean	Styburski		Lombard Park District	Lombard	IL	
Paul	Swafford		Kirkwood Community College	Fairfield	IA	
Charles	Thomas			E Green Bush	NY	
Rudolph	Trevino		City of Las Cruces - Parks & Rec Section	Las Cruces	NM	
Nathan	Tuck			Austin	TX	
John	Turnour		Washington Nationals	Washington	DC	
Scott	Urbantke		University of Alabama Athletic Dept	Tuscaloosa	AL	
Ben	Waits			Millington	TN	
John	Walker			Buckeye	AZ	
Randy	Will		Chico Area Recreation & Park District	Chico	CA	
Michael	Wilson		"Professional Turf Specialties, Inc."	Fullerton	CA	
Theresa	Winell		"Harsco Minerals, Inc."	Sarver	PA	
Bob	Womack		Southwestern College	Chula Vista	CA	
Josh	Zolkowski		The Boathouse	Edgartown	MA	
Paul	Zowada			Lusk	WY	

Building an international network one contact at a time

With established members abroad, the prospect of new members, and its culture of sharing information, the STMA Board of Directors began exploring opportunities internationally. A new task group was formed in 2010 by then-President Chris Calcaterra, M.Ed., CSFM, CPRP, to define STMA's role on the international front. He placed Abby McNeal, CSFM as Chair of the Task Group. President Troy Smith, CSFM subsequently created the International Committee from this Task Group a year later, with McNeal also at its helm. Other committee members include: Murray Cook, Ken Curry, Paul Gillen, Roberto Gurgel, Johnathan Knight, CSFM, Gil Landry, Ph.D. Marcela Munoz, Don Scholl, CSFM, John Sorochan, Ph.D., Rene Asprien, and Matt Williams.

One of my goals as STMA intern was to develop a comprehensive list of potential international contacts for the STMA. With the loyalty and camaraderie of the membership domestically, the international market seems like a natural fit for STMA to extend that network. A majority of those contacts targeted were professors and department heads in various colleges, universities, and other higher learning institutions abroad. It is crucial that they know how important academics are to the profession. I informed them about potential opportunities to speak at the STMA annual conference, as well as having their research published in *SportsTurf* magazine. Both of these activities add to their credibility and to the reputation of the STMA.

My email communication was in English and language proved to be a small speed-bump on the road to communication. McNeal also sees language as an issue. "The biggest obstacle would be connecting with the appropriate people in other countries and not letting thousands of miles and language barriers slow the process of sharing information," she says. The vast majority of the educators' contact information was easily attainable, but some required a translation.

As these relationships progress through STMA and as global networking advances in general, cross-border communication should not be an issue in the future. STMA also has plans to create its resources in multiple languages.

US-based academics also advise quite a bit on sports fields abroad and give formal presentations to scientific audiences and to sports turf groups. STMA academic board member Pam Sherratt has asked her peers to promote STMA to the appropriate people during their travels. To help them communicate the STMA message, I developed a PowerPoint presentation that

they could add to the end of their slide shows.

Also introduced to STMA were international sports organizations. These groups span the globe from Argentina, France, to New Zealand. Since safety of athletes is a top concern for the STMA, it was necessary to make these groups aware of the resources offered through the STMA website, including best management practices for field maintenance that help to protect athletes.

Many commercial companies are working internationally and have contacts. STMA commercial representatives Chad Price, CSFM and Rene Asprien asked their peers to introduce the association internationally and to provide their contacts to STMA for follow up.

Building relationships through these key contacts is a very important way to promote STMA to new groups. Another goal of the International Committee is to help sports turf managers form into organized groups internationally. Although this is a long-term effort, there is some recent progress in Brazil, thanks in large part, to a committee member.

Roberto Gurgel, Executive Director of Research for Sod Solutions, Inc., has been working with his contacts to help the Brazilian Sports Turf Organization to get up and running (official name is ABGE, Associacao Brasileira das Empresas e Profissionais de Gramados Esportivos). Some members of this new organization came to the National Conference in Austin, TX this past January. Currently, STMA is providing the resources and information for this professional organization to reach International Affiliate Organization status (IAO). The affiliation was developed to formalize collaboration between STMA and international organizations. To reach IAO status, the group of sports turf managers must be recognized as a business entity in their country and provide proof to STMA annually. They must develop by-laws or other governing documents, and they must elect a Board of Directors. Headquartered in Guelph, ON, Canada, the Sports Turf Association (STA) was the first to gain IAO status in December of 2009.

Another goal of STMA's international efforts is to establish strong relationships with other allied international associations. The efforts of President Smith and Chair McNeal have been key. In the fall of 2010, Smith spoke at a conference for the Institute of Groundsmanship (IOG) in the UK. Likewise, Ian Lacey, Director of Education for IOG will speak at STMA's annual conference this January. Since STMA and the IOG are similar organizations, the collaboration and sharing of information and resources will help

them to serve their members better. STMA and the IOG relationship is an area for continued growth.

McNeal has also been an ambassador on the International front for STMA. In 2009, McNeal traveled to Singapore to give a presentation at the Singapore National Parks Board Regional Turf Conference. She spoke on environmental efforts on sports fields in the U.S. Being the Chair of the International Committee, McNeal sees South America as the starting point based on the information the committee members have gathered this year. "Chile and Brazil are our two strongest areas of having connections, and the sports turf managers there are eager to learn from our organization," says McNeal. Helping create a platform for the International Affiliate Organizations to get started is also an important objective. "Once we have them 'hooked' on STMA then they can start providing educational opportunities to sports turf managers in their areas of the world and raising the quality of sports turf managers and fields worldwide," she notes.

All members on the International Committee are making great efforts to promote the value of STMA to other areas of the world. At such an early point in its development, it is hard to evaluate progress. The success the group has made so far is worthy of note and is in step with McNeal's overall goal for STMA's international efforts. "I would like to see STMA as an international leader in providing education to sports turf managers on best management practices," says McNeal.

My work experience here has made me realize that those involved at every level of the association truly care about the services they are providing. I anticipate those in the industry overseas to become familiar with and take advantage of the resources STMA has to offer. I am looking forward to watching these advances for the next 5 or so years down the road become a positive step forward and a huge success for STMA. ■

Author's note: As an intern, I was fortunate to work with this committee as well as be a temporary staff member for STMA. It has been a pleasure to learn about this service-oriented, non-profit organization and how it conducts business. Before I began my summer internship, I really did not know what kind of work experience I would gain. Doing research and composing communication materials was an excellent experience, and I was surprised how much my education at Benedictine College really came into use. Thank you STMA for the experience.

STMA Affiliated Chapters Contact Information

Sports Turf Managers Association of Arizona:
Chris Walsh cwalsh@scottsdaleaz.gov

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.

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.

Mid Atlantic Sports Turf Managers Association (MASTMA) (formerly the Chesapeake Chapter STMA) Ph. 410-704-2197 www.mastma.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:
402/441-4425.

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.

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.

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 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
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thetic turf with crumb rubber infill they all require maintenance and special care.

The following is a brief description and all maintenance should be done in accordance with the manufacturer's recommendations and guidelines.

Daily inspections of the playground area is advised as after hour users can leave an array of debris (bottles, cans, trash, etc.) that can become hazardous to identified user. This is also a good time to correct any damages or movement of the surfacing if it a loose-fill material that moves with usage of the equipment (under swings, bottom of slides, etc.)

Monthly inspections for excessive wear, loose hardware, cracked plastics, swing

chain wear, "S" hook openings is recommended by almost all manufacturers and should be done by a competent individual who has been shown what to look for.

Annual inspections should be done similar to the monthly inspections but in more detail. This is a great time to take care of touch up painting, replenishing the safety surfacing (loose-fill if organic material), replacement of swing chains if required, etc.

Cost estimate: The cost of equipment is reflected in the size of the pieces and the complexity of the unit. Equipment costs can range from a couple hundred dollars to thousands of dollars with installation costing anywhere from 50% - 100% of the equipment costs.

Operating or maintenance costs is purely represented by what materials are used for both the equipment and the safety fall zone, wooden structures with loose-fill surfacing will demand more maintenance weekly, monthly and annually then a powder coated steel structure installed over a pour-n-place or rigid surfacing (tiles, synthetic turf, matting, etc.).

Cost estimate prices were obtained from the 2006 RSMeans Building Construction Cost Data within the Philadelphia region and should in no way be considered current or used for budgeting purposes. ■

James Cornelius, CSFM, now works for Fisher and Son, Coatesville, PA after a long career with the West Chester School District.

Sowing thoughts for fall sports



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.

What is the lowest rate of overseed I can use? How early can I overseed?

From a recent NC STMA meeting

Well, I was a little surprised but happy to be getting questions about overseeding considering I was standing on field in a 100 degree temperature. With sweat dripping down my back, I was thinking more about a cool drink than planting a cool-season grass. Obviously, my audience was already thinking one season ahead of me.

In a group of turf managers, when the topic of overseeding comes up, it normally results in an interesting discussion. You have managers that love it and those that hate it—both with equal passion. Some managers have realized that it can really dress up their field. It can hide splotchy bermudagrass stands and worn areas very well. A dense stand of ryegrass with a nice mowing pattern will get oohs and aahs from players and coaches every time. So, what is not to like about overseeding?

Ryegrass is pretty easy to grow, but it is not totally fool-proof. Sometimes an overseeded field just does not come together very well, whether from management practices or Mother Nature. Clumpy ryegrass spread across a dormant bermudagrass field looks like a big weed patch. Once those clumps mature, they can become ankle-breakers. And getting these renegade ryegrass plants to die in the spring can be difficult.

Thinking about what we want in an overseeded surface takes me back to a freshman agronomy class. I remember the professor talking about planting agronomic crops and how row width and plant spacing were so important.

This is because the farmer needs to give the plant adequate space to mature rapidly so the plants can set seed and produce the greatest yield possible.

So, there is all this research on agronomic crops to determine how to maximum seed yield of the plant per unit area. But what do we want with planted turfgrasses? We want to pack them in as tightly as possible so that they grow upright, stay vegetative, and not produce a seedhead.

The primary way for a turf manager to control these parameters is through increased seeding rates. Of course the results after seeding may be further influenced by a number of pre- or post-plant factors. For instance sports turf managers may need to seed earlier or later than ideal because of the playing schedule. And the wear on athletic fields will kill a lot of seedlings. We often try to compensate for these factors by further increasing seeding rates or by putting out seeds several times during the season.

But a field manager should also consider their normal winter conditions as a factor that comes into play when deciding how little seed can be used. For instance, a field manager in a climate like Florida may apply a small amount of seed to augment off-colored bermudagrass. Since the bermudagrass may retain much of its green color, the overseed is just to increase the green color. And since the bermudagrass continues to grow, it is competitive with the ryegrass so the ryegrass may remain more immature. In a climate like North Carolina, where bermudagrass will turn cardboard brown and stop growing most of the winter, the overseed must be thick enough to cover the brown and be competitive with itself or there is the risk that the field will not look very healthy.

So, 4-5 pounds of seed per 1,000 square feet may work ok in the Deep South, but it can be a dismal failure farther north. Use a seeding rate that low and you are almost sure to have a brown field in the winter and clumpy ryegrass come spring. Granted, a lower the seeding rate may improve the spring transition bermudagrass. But, if you go too low the grass will mature and transition will be more problematic. I generally advise North Carolina field managers to use at least 7 to 8 pounds of seed with most using 10 to 15 pounds of seed to ensure good coverage of dormant bermudagrass.

A field manager may want to adjust their seeding rate for specific reasons. For instance, use 7 to 8 pounds perennial ryegrass seed per 1000 square feet on football fields since the season is almost over when bermudagrass goes dormant, versus about 10 to 15 pounds per 1000 square feet on baseball fields since the entire season played during time when bermudagrass is 50 to 100 percent dormant and has poor color.

Timing of seeding is a little more difficult to suggest as we never know what Mother Nature is going to throw our way. I suggest managers plan to overseed when daytime temperatures in late summer to early fall are consistently in the 70s. This is usually late September to mid-October for most of North Carolina. Where fields are heavily scheduled, it may be necessary to overseed when there is a break in the events. In these cases, it is best to schedule overseeding earlier in the season to provide future opportunities to apply more seed if necessary. Remember, you reap what you sow. ■



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