

# Welcome New STMA Members

**Rick Acuna**  
Town of Gilbert  
Gilbert, AZ

**David Arnold**  
Town of Fountain Hills  
Fountain Hills, AZ

**Bob Bolton**  
Truckee Donner Rec. & Parks  
Truckee, CA

**Trevor L. Fink**  
City of Berlin Parks & Rec.  
Berlin, WI

**Susan Fry**  
Denver Parks & Rec.  
Denver, CO

**Russ Hayworth**  
West Coast Turf  
Palm Desert, CA

**John Joby Hinton**  
Sodexo Marriott Services  
Lubbock, TX

**Jaydee Equipment Co.**  
Jon P. Anderson  
New Lenox, IL

**James M. Kriste**  
Northern Arizona Univ.  
Flagstaff, AZ

**Michael Long**  
Lesco, Inc.  
Annapolis, MD

**Robert Marsh**  
Watauga County  
Boone, NC

**David McMahan**  
Town of Parker  
Parker, CO

**Mid Tenn Turf, Inc.**  
I.A. Howard  
Manchester, TN

**Mark B. Pottle**  
Tallahassee Comm. College  
Tallahassee, FL

**Robert Allan Reed**  
University of St. Thomas  
St. Paul, MN

**Roxford Fordell**  
Craig Biggers  
Greenville, SC

**Moses Simmons**  
City of Alexandria  
Alexandria, VA

**Robert Studholme**  
Fairfax County Parks Authority  
Fairfax, VA

**Thomas L. Allen**  
Monroe Township  
Monroe Township, NJ

**Chris Bailey**  
Jacksonville High School  
Jacksonville, NC

**Carlos R. De Gregorio**  
Grama Bella, C.A.  
Caracas, Venezuela

**Mike Fite**  
Dublin City Schools  
Dublin, OH

**Jason Garner**  
Student  
Greeley, CO

**Matt Henderson**  
Turfgrass America  
Granbury, TX

**Roger L. Hoffman**  
USMC MCCC  
Twenty-nine Palms, CA

**Kenny Kakutani**  
The Toro Company  
Sacramento, CA

**Walter K. Kulpeksa, CGCS**  
Deer Lakes Golf Course  
Burna, KY

**Ruben Luebano**  
Waxahachie I.S.D.  
Waxahachie, TX

**Jim Mason**  
City of Abbotsford  
Abbotsford, BC

**Matthew McQuaid**  
Detroit Tigers/Student  
E. Lansing, MI

**Ted Moriarty**  
Hunter Industries  
Meriden, CT

**Dawn Potts**  
Turfgrass America  
Brentwood, TN

**Barrett Reese**  
Diamond Pro/txi  
Dallas, TX

**Jim Sanders**  
Vail Recreation District  
Vail, CO

**James L. Simpson**  
City of Wheatridge  
Wheatridge, CO

**Lee Taylor**  
Nebraska Wesleyan University  
Lincoln, NE

**Yavuz Selim Alpay**  
YSA Ltd. Co.  
Ankara, Turkey

**Michael Bell**  
Cincinnati Hills Christian Academy  
Cincinnati, OH

**Bruce Ericson**  
Brainerd Parks & Rec.  
Brainerd, MN

**Florissant Sod Company**  
Donna Howard  
O'Fallon, MO

**Michael Geissler**  
Michigan City Area Schools  
Michigan City, IN

**Teri Henry**  
Denver Parks & Rec.  
Denver, CO

**Walt Holden**  
Carbit Paint Company  
Chicago, IL

**Dennis Kemp**  
United Horticultural Services  
Mesa, AZ

**Ken Kushner**  
Anderson Park District  
Cincinnati, OH

**Dave Maloney**  
Northfield Parks & Rec.  
Northfield, MN

**Jose Matos**  
City of Southlake  
Southlake, TX

**Rich Meyer**  
Florissant Sod Company  
O'Fallon, MO

**Jim Ozmun**  
Farmington I.S.D. #192  
Farmington, MN

**Steve Ratto**  
Bergen County Parks Dept.  
Teaneck, NJ

**Chuck Reinert**  
Garden City Comm. College  
Garden City, KS

**Kirk Sausser**  
Toledo Mudhens Baseball  
Maumee, OH

**Robert Stewart**  
Dow AgroSciences  
Zionsville, IN

**Matt Thomas**  
Tallahassee Comm. College  
Tallahassee, FL

**Dwight D. Anderson**  
Chicago Turf & Irrigation  
Itasca, IL

**Sara Best**  
Student  
Stephensville, TX

**Chris Fesler**  
Goose Creek Rec. Comm.  
Goose Creek, SC

**Jan Frainie**  
City of Laguna Hills  
Laguna Hills, CA

**J. Richard Geiselman**  
City of Danville Parks & Rec.  
Danville, VA

**Roger Hernandez**  
City & County of Denver  
Denver, CO

**Bradley R. Jakubowski**  
Nebraska College of Tech. Ag.  
Curtis, NE

**Ariel Kerner**  
Sports Management Services  
Berryville, VA

**David Lewis**  
Tallahassee Comm. College  
Tallahassee, FL

**Josh Marden**  
Student/Virginia Tech  
Blacksburg, VA

**Rob McDonald**  
City of Kentwood  
Kentwood, MI

**Vincent A. Meyer**  
Mounds Park Academy  
Maplewood, MN

**Harold S. Pierce**  
Winslow Township B.O.E.  
Atco, NJ

**John Rector**  
Turf-Seed, Inc.  
Hubbard, OR

**RotaDairon Emrex, Inc.**  
Jim Gates  
Pittston Township, PA

**Greg Scott**  
Scott's  
Pittsburgh, PA

**David Stokka**  
Leavenworth Public Schools  
Leavenworth, KS

**Thomas J. Torpey**  
Monroe Township  
Monroe Township, NJ

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## Welcome New STMA Members

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Robert Trevino  
Denton, TX

Turf Equip. & Supply Co., Inc.  
Lance Ernst  
Jessup, MD

Danny Turner  
Clearwater Landscaping Co., Inc.  
Sun Valley, ID

Roger Weinbrenner  
University of St. Thomas  
St. Paul, MN

Tony Wilcenski  
Monroe Township  
Monroe Township, NJ

Curt Williams  
Town of Castle Rock  
Castle Rock, CO

Scott Wilson  
City of Fairhope  
Fairhope, AL

## MU builds new baseball 'field of dreams'

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by an electronic eye on a tractor. That controls the valves for a blade on the tractor.

"We don't touch the controls," said Mike Munie, MJM Services owner. "When we did the two MU football practice fields, we laid a Number Two pencil on the far end and you could lay down and see the pencil from 300 feet away. We were within a hundredth of a foot."

A playing surface must be firm and playable yet workable so that cleats can dig in for traction. "Safety and playability are the main things we look for on skinned infield areas," Fresenburg said.

While the infield diamond will be "Baby" Bermuda grass, the aprons will be planted in a turf-type tall fescue, he said. Bermuda grass holds up better and can be mowed to five-

eighths of an inch for a better playing surface.

MU is considering replacement of the bluegrass on its diamond at the infield of Simmons Field, home of the baseball Tigers, with "Baby" Bermuda grass.

In addition to installing the infield diamond, MU researchers plan to add research plots nearby to test different soil blends. Mixtures will include combinations of round and sharp sand, silt and clay from native soils and calcined clays. "It's possible that the MU baseball team may come over and use the field," Fresenburg said. "That's been discussed. It would relieve their game field from excessive wear and allow us to look at wear patterns to teach field maintenance."



## ROOTS: GETTING TO THE BOTTOM OF TURFGRASS

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turf. This is especially important during times of environmental stress. Low mowing can dramatically reduce the depth and extent of roots of cool season grasses, though bentgrass is not as severely affected as the others.

Warm season grasses are less dramatically affected by low mowing. Bermudagrass especially will tolerate low mowing without significant reduction in rooting.

Constant defoliation by frequent mowing reduces the photosynthetic potential of the turf. The result is depleted carbohydrate supplies available for root growth. Cool season grasses are especially sensitive to this cultural stress.

Take care with herbicide applications. Avoid using herbicides when turf is under stress or when root growth is restricted.

Bensulide, benefin, oxadiazon, oryzalin, pendimethalin, prodiamine, siduron, DCPA and other herbicides may inhibit root growth. Healthy turf may be able to recover from this quickly. A turf stressed by drought, heat, traffic or with a root system already limited may be more seriously damaged and take a longer time to recover.

### CONCLUSION

Roots are the foundation of a turf. Attention to the growth, development and health of the root system by the turf

manager can ensure a deep and extensive root system able to sustain a vigorous, properly performing playing surface.

### References:

Beard, J.B.: *Turfgrass: Science and Culture*, Prentice/Hall, Upper Saddle River, NJ, 1973

Bidwell, R. G. S.: *Plant Physiology*, 2nd ed., Macmillan Publishing Co., New York, NY, 1979.

Duble, R. L.: *Turfgrasses: their Management and Use in the Southern Zone*, 2nd ed., Texas A&M University Press, College Station, TX, 1996.

Hull, R.J.: Summer Decline: Can Cool Season Turfgrasses Take the Heat?; *Turfgrass Trends*, vol. 8.10, Oct. 1999.

Hull, R.J.: Winter/Spring Nutrient Use by Cool- and Warm-season Turf, *Turfgrass Trends*, vol. 8.3, March 1999.

Puhalla, J., Krans, J., Goatley, M.: *Sports Fields: A Manual for Design, Construction and Maintenance*. Ann Arbor Press, Chelsea, MI, 1999.

Turgeon, A.J.: *Turfgrass Management*, 5th ed., Prentice/Hall, Upper Saddle River, NJ, 1999.

