cool season choices because they flourish in the lower temperatures of spring and autumn. Many violas will survive winter in most areas; if planted in autumn, they will die back and then return to bloom in the spring.

**Begonia.** Finding great plants for shaded areas can be a challenge, but begonias always rise to the occasion. Fibrous or “wax” begonias are a common sight in many summer gardens; the upright plants have green or bronze foliage and usually display white, pink or red flowers. Tuberous begonias exhibit double or semi-double flowers and are available in a wider color palette.

**Ornamental Millet (Pennisetum).** Some plants just know how to make an impact, and Purple Majesty ornamental millet is one of those. This breeding breakthrough won the prestigious All-American Selections Gold Medal in 2003 for its amazing garden performance. Purple Majesty grows 3 to 5 feet tall with long leaves and 12-inch, cattail-like flower plumes that attract birds. The plants begin green but turn a gorgeous deep mahogany-purple when planted outside. Purple Majesty makes a great backdrop or centerpiece plant and looks amazing when mass-planted in the landscape.

**Marigold.** These tough, prolific bloomers are among the boldest and brightest annuals available and look great in beds, borders, and containers. Marigolds are commonly found in sizzling colors like yellow, gold, orange and bronze; there are also many bicolors available that display red or deep burgundy accents. The two most popular types of marigolds are African marigolds, which can grow up to 3 feet tall and produce large, round pom-pom-like flowers, and French marigolds, which are a bit shorter (6 to 18 inches is average) with smaller single or double flowers.

Jessica Atchinson works in the marketing services department at the Ball Horticultural Company.

---

**Is your turf as tough as your team?**

**GN-1™**

Patented Hybrid Bermuda

a product of Greg Norman Turf Company.

GN-1 patented hybrid bermuda is the ideal choice for your athletic field, golf course or residential play yard needs.

- Exceptional dark green color
- Excellent wear recovery
- Good cold tolerance
- Tolerant of high salinity soils
- Lower maintenance costs

[Website](http://www.sportsturfmanager.com) • STMA

To keep your landscapes lively, you’ve got to mix in some new, different annuals each season.

---

Patented Hybrid Bermudagrass. Tolerant of high salinity soils, GN·1patentedsportsturf has been chosen by Greg Norman Turf Company.
If you design, sell, manage, install, or maintain irrigation systems, plan now to be in San Diego for the world’s largest show totally dedicated to irrigation.

You’ll find industry innovators from all over the world along with everything related to Agriculture, Golf Course, and Turf/Landscape irrigation all under one roof.

- Trade Show
- Technical Sessions
- Golf Tournament
- Industry Field Tours
- International Business Center
- Business Seminars
- Certification Exams
- Education Courses
- And more!

For more information...
Fax this completed form to +1.703.536.7019 today or visit www.irrigation.org

The Irrigation Association
6540 Arlington Boulevard
Falls Church, VA 22042 • USA
+1.703.536.7080 • www.irrigation.org

☐ Send me information about attending the world’s biggest irrigation show, including the education and certification programs that will be offered.

☐ Send me information about exhibiting.

Please print legibly in dark ink

Name

Title

Company

Mailing address

City

State

Zip/Postal Code

Country (outside US)

Email

Fax

Circle 156 on card or www.oners.iml.co/2081-156
industrybooks.com

BOOKSTORE

offers SportsTurf readers a one-stop shop for all books on Turf and related topics. We promise to provide the best reference materials to help build and maintain your business. If you would like additional information on our titles or would like to suggest a title or subject not shown please contact us toll free at (800) 203-2552 or on-line at www.industrybooks.com.

Turfgrass Management Information Directory:
Third Edition
by Dr. Keith Karweil
A mandatory reference for all turfgrass instructors and practitioners, the Turfgrass Management Information Directory: 2nd Edition is loaded with helpful information, is completely revised, and has six entirely new sections. Perfect for all turfgrass practitioners and golf course superintendents! 300 pgs.

Sports Fields: A Manual for Design, Construction and Maintenance,
by Jim Puhalla, Jeff Krause, and Mike Goettel

Picture Perfect: Mowing Techniques for Lawns, Landscapes, and Sports
By David R. Melzer,
Picture Perfect gives you first-hand, step-by-step guidance on creating your own unique lawn patterns. You’ll learn the basic patterns — checkerboard, stripes, diamonds, waves, arches and circles — in simple step-by-step instructions, along with practical advice on equipment selection and use. Patterns are demonstrated in simple instructions followed by dozens of detailed photographs. 160 pgs.

Turfgrass Soil Fertility and Chemical Problems Assessment and Management,
by R.N. Carrow, D.V. Waddell, P.E. Riske,
Turfgrass Soil Fertility and Chemical Problems is the best single-source, practical management tool that will help you overcome every fertility management challenge you face! 500 pgs.

Spanish Phrases for Landscaping Professionals,
by Jason Holben and Dominick Arbini
This contains more than 1600 words and phrases in an easy to use "point and shoot" format. These phrases are complimented by simple, intuitive phonetics. 204 pgs.

IPM Handbook For Golf Courses
by Gail L. Schumann, Patricia J. Vitrum, Monica L. Elliott, Patricia P. Cobb,
Designed for both novice and experienced superintendents, this field-manual will help you understand and implement successful integrated pest management techniques. Over 150 photographs — 32 in color — along with informative tables and drawings illustrate the key points. Actual examples and success stories are presented by superintendents from across the country to help you plan or improve your IPM program. 264 pgs.

Order Form

Check or money order enclosed for $ 
Prices subject to change without notice
Fireworks, flags, and strong foundations

How did you spend your Fourth of July? Did you join with the thousands of Americans who flocked to local ballparks to start the evening with flag waving and the national anthem, cheer in the stands during the game, and celebrate the holiday with a breathtaking fireworks display? Or were you the one preparing the ballfield for all the action?

Capturing the magic of such moments creates a sense of tradition within families that gives them a strong foundation. A safe, playable field is the strong foundation of any game. Working together, we can build the SAFE Foundation into a strong resource for sports turf managers around the world.

As an example of working together, following Mike Veeck's presentation to STMA in San Antonio, and through subsequent conversations with Steve Trusty, one of Mike’s teams, the Charleston RiverDogs, have a special recognition and fundraising event planned. August 15 is Sports Turf Managers Recognition Night at Joseph P. Riley Jr. Park in Charleston. This event will bring together sports turf managers from the region to tour the field, share fun and fellowship, and be recognized for their professionalism by the fans. And it will raise funds for SAFE. In addition, the RiverDogs will be funding a scholarship to add to the SAFE Scholarship program. If you’re going to be near Charleston around that time, contact STMA/SAFE Headquarters for information on the event and the game.

SAFE, the foundation for Safer Athletic Field Environments, was formed by the Sports Turf Managers Association (STMA) to respond to the challenges facing those responsible for the care of athletic fields. Your donation will provide an endowment to ensure that the challenges facing the sports turf industry are met. It also will help support research for better science, technology, and equipment. And it will support the education and training of sports turf managers and aspiring sports turf managers. Most importantly, your donation will help provide the best sports surfaces for all levels of play.

A single blade of grass supports athletes around the world. Help the SAFE Foundation make it as strong as possible.

SAFEFOAM PADDING
CoverSports USA announces SafeFoam padding for fence tops, rails, posts, and poles. Designed to protect your players, it goes over any chain link fence top, pole or rail 2-in. or less in diameter. Standard grade is a full 1-in. thick; premium grade is 3/4-in. with an extra-durable tough-skin coating.
CoverSports USA/800-445-6680
For information, circle 057 or see www.oners.ims.ca/2081-057

GROUNDKEEPING GUIDE
Floyd Perry has published a handbook for football and soccer field and overall turf management called, "Turf Grows By The Inch and is Killed By the Foot." The 170-page pictorial guide is part of a series that help explain turf maintenance problems and solutions through pictures. The pictures and accompanying text feature some of the latest and most innovative ideas, techniques, equipment, and procedures that are used on athletic fields.
Grounds Maintenance Services/407-648-1332
For information, circle 070

STRING TRIMMER
Swisher’s Trim-Max 3-in-1-string trimmer is three tools in one—a trimmer, edger and mower. The unit rolls over the roughest terrain, cutting everything in its path, from waist-high weeds to your average lawn.
Swisher/800-222-8183
For information, circle 059 or see www.oners.ims.ca/2081-059

AWARD-WINNING VARIETIES
Ball Horticultural Company, an internationally renowned breeder, producer, and wholesale distributor of ornamental plants, has introduced many innovative, award-winning varieties, including the Ride: The Wave family of petunias.
Ball Horticultural Company
630-231-3600
For information, circle 060 or see www.oners.ims.ca/2081-060
While the weather may have affected the turnout at the May 27 meeting, it did not dampen the spirits of those who braved the rain. The area was experiencing its 22nd day of rain in the month. Host Mike “Sully” Sullenberger gave tours of Spuhler Field, the 2002 College/University Baseball Field of the Year, and, despite the rain, worked in tours of some of the other fields as well. Attendees were able to see firsthand the field featured in the April issue of SPORTSTURF.

Sully shared the procedures he had used to deal with almost 2 feet of snow that hit in the spring on the day before a big game and how that allowed the game to go on as scheduled. He also discussed the various factors involved with mowing in the rain, a problem shared by the majority of the attendees. Another challenging issue he presented was the slowing effect of the cool rainy weather on the Bermudagrass growth and transition out of the perennial ryegrass.

The meeting and barbecue were set up in tents adjacent to George Mason University’s Stadium that is used for soccer, Club Football, and track and field. The tents were in place in preparation for the upcoming weekend’s NCAA Regional Track and Field Finals. So, along with great barbecue, attendees also got a taste of what is involved in hosting such an outstanding event, one of only four across the country.

STMA executive director Steve Trusty was in attendance to speak to the Chapter about activities at National, including the Awards Program, Certification, Conferences, and the SAFE Foundation. Before the General Meeting, Trusty met with the Board to discuss the duties of each Chapter Officer and how they can more effectively interact with each other to provide a strong chapter.

These Chapter visits are made possible through the support of Gold Level Chapter Sponsors, John Deere, and Silver Level Chapter Sponsors: Alpine Services, Hunter Industries, Stabilizer Solutions, and Syngenta.

During the business portion of the meeting, those members in attendance voted unanimously to take the necessary steps to change their name to Chesapeake Chapter STMA. In presenting the recommendation from the Board, Chapter President, Nick Carnmill, STMA, stated, “Chesapeake more accurately describes the geographic area that we will be focusing on and it gives the signal that we are off to a fresh start.” MAFMO stood for “Mid-Atlantic Athletic Field Managers Organization.”

The soon to be re-named Chesapeake Chapter also plans to work closely with the neighboring Virginia and KAFMO Chapters to schedule events that will complement those Chapters’ events and not compete with them.

Wisconsin Sports Turf Managers Association: The Chapter is planning a major event for July 11. Morning sessions will be held at St. Norbert College. The afternoon events will be held at the legendary Lambeau Field.

For more information on the Chapter, or other pending events, contact Chris Brindley at 715-346-3622 or cbbrindle@uwsp.edu.

Minnesota Chapter STMA: The Minnesota and Iowa Chapters will hold their annual Chapter Clash on July 11-12. This year the events will take place in Minnesota. The MN Chapter’s annual Tour on Wheels will be held August 13 and will again incorporate a St. Paul Saints game. For information on the Chapter, or upcoming events, contact Jeff Hintz, Bethel College & Seminary, St. Paul, Minnesota at tel. 651-638-6075 or e-mail: jhintz@bethel.edu.

Virginia Sports Turf Managers Association: The Chapter will meet July 15-16 at the University of Virginia. Join the “Tailgate Reception” on July 15 from 6:00 to 9:00 PM for a tour of UV’s Scott Stadium and Harrison Field and the Harrison Field reconstruction presentation. Registration for the July 16 Field Day begins at 7:00 AM at Davenport Field. Educational sessions and demonstrations run from 8:00 AM to 4:00 PM. STMA President, Bob Campbell, CSFM, will be the featured speaker.

For information on the Chapter, or other upcoming events, contact Bob Studholme, Fairfax County Park Authority via e-mail: Robert.Studholme@FairfaxCounty.gov or at 703/324-6790.

Michigan Sports Turf Managers Association (MiSTMA): The Chapter will again participate in the Michigan Turfgrass Foundation Field Day July 16. For information on the Chapter or pending events, con-
Colorado Sports Turf Managers Association: On July 22, the Chapter will hold its Golf Outing 2003 at Apple Valley Golf Club in Columbus. The outing will be held September 9 at the OSU Intramural Complex (Fred Beckman) in Columbus. More details will be announced soon.

For information on the Chapter, or upcoming events, call OSUM Heads at 515-712-3407, or email Amy Fontey at amy.f.ontey@iowalurf.org.

Impact Turfgrass, Nursery and Landscape Field Day: The upcoming event will be held in conjuction with the Iowa Turfgrass, Nursery and Landscape Field Day. The tournament will be held July 23, with the Field Day following July 24. The tournament is a fundraiser for turfgrass research and to help further the initiatives of the Iowa Turfgrass Institute. Donations to the ITI Field Day Classic are welcomed and will be much appreciated. For information on the Iowa Chapter, or upcoming activities, contact Jeff Wendel of The Turf Office at 515-232-8221, or fax 515-232-8228, or e-mail: Jeff@iowaturfgr.jpgs.org.

Pacific Northwest Sports Turf Managers Association: The Chapter will hold the second Annual Safeco Field Day August 19. Rotating stations will instruct participants in turf management, infield maintenance and facility management. More details will be announced soon.

For information on the chapter or upcoming events, contact in Washington, Jay Warnick at JayW@Seahawks.com or in Oregon, Mike Wagner at MWagner@Oregon.UOOregon.edu.

The Greater LA Basin Chapter of the Sports Turf Managers Association: The Chapter’s General Meeting, including the Nominations for 2004 Board members, will be held September 10 at 2:00 PM at Mr. San Antonio College. The speaker for this event will be announced soon. Please note the date of this event has been changed to September 10, rather than September 11, as previously announced.

For information on the Chapter or pending events, call Steve Dugas, California State University - Fullerton, at 714-278-3929 or email sdugas@fullerton.edu.

MO-KAN Sports Turf Managers Association: The Chapter’s Fall Field Day will focus on strategies for High Use, Low Budget Fields. It will be held September 10 at Kansas City, Kansas, Parks and Recreation. More details will be announced soon. The Chapter also will meet at the Kansas Speedway and Community America Ballpark from 8:00 AM to 3:00 PM October 15. Registration begins at 7:30 AM. This will be a unique opportunity for a behind-the-scenes tour of the Kansas Speedway. Following lunch in the infield garage area, attendees will tour the new Community America Ballpark, home of the Kansas City T-Bones Baseball Club. Look for more details in August.

For information on the Chapter, or upcoming events, call Jody Gilt at 913-319-4121 or JGilt2@bo229.k12.ks.us.

Sports Turf Managers Association of Arizona: For information on the chapter, or upcoming events, contact Chris Calcatera at e-mail: chris@peoriaaz.com or tel. 412-4231 or Bill Murphy, at e-mail: bnumphy@cs.scottsdaleaz.us or tel. 480-312-7956.

Northern California Chapter of the Sports Turf Managers Association: The Chapter’s Annual Seminar on Wheels will be held in late August. Please email Ennore Hunter at enhunter@usa.net if you have questions or suggestions about this program.

For information on the Nor-Cal Chapter, or pending events, call Janet Giff at 530-758-4200.

Southern California Chapter: For information on the Chapter, or pending activities, call Michael Tarantino at 858-679-2525 or MTarantino@powayusd.com.

Gateway Chapter Sports Turf Managers Association: For information on the Chapter, or upcoming events, call Mike Krone, Missouri Baptist College, 314-392-2328 or email krone@mnbap.org.

Georgia Sports Turf Managers Association: For information on the chapter or upcoming events, contact Lori Turek at 770-897-5665 or gastone@earthlink.net.

Indiana Chapter: For information on the Chapter, or pending activities, contact Stan Moscrip, Indiana University, at 812-856-2256 or smoscrip@indiana.edu.

Kentucky Sports Turf Managers Association: For information on the chapter or upcoming events, contact Tom Nielsen at TNielsen@khsbaseball.com or Aaron Boggs at ABoggs@netscape.com.

Keystone Athletic Field Managers Organization (KAFMOISTMA): For information on the Chapter or upcoming events, contact Dan Douglas, Reading Phillies Baseball Club, at tel. 610-375-8949, ext. 212; or e-mail: kafmo@aol.com.

Mid-Atlantic Athletic Field Managers Organization (MAFM Chapters): For information on the Chapter, or other pending activities, call the Hotline at 866-818-8873 or email Nick Gammill, CSFM, at ngammill@american.edu.

Midwest Chapter StMA: For information on the Chapter, or pending activities, visit the Chapter’s website, http://www.mistma.org/.

Sports Field Managers Association of New Jersey: For information on the Chapter, or upcoming events, call SFMANJ at 908-730-7770 or Elena Murffitt at 908-236-9118; or e-mail: H@infmanj.org.

North Texas Sports Turf Managers Association: For information on the Chapter, or pending activities, contact Katherine Cassmeyer at 972-603-2869 or katherine.cassmeyer@lmco.com, or visit the website at www.nttma.org.

South Texas Sports Turf Managers Association: For information on the Chapter, or upcoming events, contact Tim Loech at 210-207-5743 or TLoech@alamodome.com.

Chapters on the Grow:

New York: For information on the chapter forming in Central New York, contact Kevin Mendoza, National Soccer Hall of Fame, at e-mail: Kevin@wpc.com or at tel. 607-432-2953.
THATCH MASTER
FINE TURF VERTI-CUTS

Now available in 72" Width

BENEFITS
Along with other management practices, regular verti-cutting is a tool that can help to maintain or create a World Class field. It does this in several ways:
1. Cuts both stolons & rhizomes creating growth and a thick, lush turf.
2. Removes excess thatch allowing gas exchange and facilitating water infiltration.
3. Creates seedbed for oversowned grass.
4. Helps transition by thinning out oversowned grass and stimulating growth of the underlying turf.

Turf Specialties, Inc
1-800-201-1031

Circle 140 on card or www.oners.ims.ca/2081-140

Stripe Like a Pro

Pro-Stripe
Athletic Field Marking Paint
• Long lasting Great Coverage.
• Easily applied by brush, roller, airless spray for fine line marking machines.
• OPTIWHITE™ used for high reflectance under artificial lighting and for low angle viewing.
• Will not harm grass, uniforms or players.
• Dilutable up to 3:1 (water/paint) for additional savings of 50% - 75%.
• Free shipping w/50 gallon purchase.

"EZ-100" Stripers
• Quiet, clean, Environmentally friendly.
• Long life, battery operated.
• 14 gallon polyethylene tank.
• 50-60 psi Shurflo Pump®.
• Built in charger plugs directly into an outlet.

Whitlam Paint Company
Division of J.C. Whitlam Manufacturing Co.
(800) 321-8358
Contact: Dale Forester
Visit our website at: whitlampaint.com

Circle 141 on card or www.oners.ims.ca/2081-141

Jaydee Drive Liner

The Jaydee Drive Liner is a self-propelled riding line marker. The 35-gallon paint tank carries enough marking material for a complete game field, or several practice fields. The 2-gallon flush tank cleans the discharge lines for work breaks, travel, or overnight. The center or side-mark spray shields are always operator-visible. A nearly zero turning radius reduces or eliminates back and turn maneuvers.

Jaydee Equipment Company
202 East Joliet Highway, Box 278
New Lenox, IL 60451-0278
TOLL FREE: 1-800-443-3268
jaydee@theramp.net • www.jaydeeqco.com

Circle 142 on card or www.oners.ims.ca/2081-142

Weather Beater®
by Colorado Lining
Specialized Sideline Covers

• Three Fabric Options
  Traditional, High Tech & Workhorse Combination
• Custom Printing Options
• Standard & Custom Sizes Available for Immediate Nationwide Delivery

877-448-2777
888-546-4641
www.coloradolining.com
www.weather-beater.com

Circle 143 on card or www.oners.ims.ca/2081-143

MAINTAIN YOUR FIELD

WITH...NEW STRIPE STRIPERS

12 MODELS OF STRIPPERS
RIDERS • SELF PROPELLED • WALK BEHIND
FIELD MARKING STENCILS
MASCOTS, EMBLEMS, LETTERS & MORE
DRY LINE MARKERS & DRAG MATS

CALL TOLL FREE
1-800-624-6706
1700 Jasper Street
Aurora, Colorado 80011
www.newstripe.com

Circle 144 on card or www.oners.ims.ca/2081-144

Circle 145 on card or www.oners.ims.ca/2081-145
Professionals Demand

LITTLE WONDER®

Shouldn’t You?*

Over 80 Years of Quality!
- Gas Hedge Trimmers
- Extended Reach Hedge Trimmers
- Electric Hedge Trimmers
- High Output Blowers
- Lawn Edgers
- Xtra” Edger

To find a local dealer call toll-free
1-877-LWONDER • www.littlewonder.com

1028 Street Rd. • Southampton, PA 18966

Choose a World Class Game Plan

For all your facility needs.

- Premium Field Paints Bulk and Aerosol
  • Turf Colors
- Graphic and Logo Stencils Field Numbers
  • Hash Markers
- Field Covers and Windscreens
  With logos available
- Tennis Court Coatings, Nets & Full Line of Accessories
- Sports Field Accessories

Hines Manufacturing Company, Inc.
PO Box 8649, Rocky Mount, NC 27804
Toll Free: 888-529-1484
e-mail: hinesmfg@aol.com • www.hinesmfg.com

The Shindaiwa EB630 is the ultimate backpack blower. Reduces clean-up time by 50%.
- Incredible output: 613cfm, 201 mph
- Giant air filter extends run times
- Ideal for toughest blowing jobs

We offer 4 commercial-grade models from the hand-held EB240S up to our most powerful blower, the EB630.
To find a dealer nearest you, call (800) 521-7733, or visit www.shindaiwa.com

Call Us Today at 1-800-748-9649
or e-mail us at info@worldclass.com

For more info or to request a demo video call KID
Phone: 800-377-3225
www.microrain.net
waterspout@prodigy.net

EASY TO OPERATE EFFICIENT, LESS EXPENSIVE

Relieves compaction
Fills entire hole from 1” to 12” deep
Change soil profile
Larger hoppers
Better operator visibility
Gently increases root depth
Low stress on fragile roots
Rapid heal rates leaves turf ready for immediate play

Hines Manufacturing Company, Inc.
PO Box 8649, Rocky Mount, NC 27804
Toll Free: 888-529-1484
e-mail: hinesmfg@aol.com • www.hinesmfg.com

shindaiwa
FIRST TO START. LAST TO QUIT.
Shindaiwa Inc.
11975 SW Herman Rd.
Tualatin, OR 97062