Non-Clogging Pump

The Diamond Pump is a durable, non-clogging hand pump which easily removes 18-20 gallons of water per minute from dirt infields, sand traps, ditches. Made of tough ABS and PVC, a six-inch aluminum disc prevents mud from being drawn directly into the pump. Absolutely will not clog.

Kuranda USA
2014 Renard Court, Units E,
Annapolis, MD 21401
(800) 752-5308
Fax: (410) 266-3944

Affordable Topdresser

Starting under $5,000, the Millcreek Topdresser/Spreader will spread 2 cu.yds. in 7 minutes and topdress a football field in 2 to 3 hours.

• Rugged construction, built to last.
• Adjustable spread pattern, 3 ft. to 10 ft. wide.
• Unsurpassed for compost, clippings and more.
• More versatility — simple, safe operation.

The Millcreek Topdresser/Spreader spread topdressing, infiel mix, compost mixes and more with just one operator. Plus, you never pay too much for quality turf equipment from Millcreek.

Millcreek Manufacturing Company
2617 Stumptown Road, Bird-in-Hand, PA 17505
TOLL FREE: 1-800-879-6597
www.millcreekmfg.com
Permanent Pitcher's Mounds & Batter's Boxes

Save time and money with these patented, poured red polyurethane, permanent outdoor Pitcher's Mound and Batter's Box Pads. Great for recreational fields! Bury 2" below surface and eliminate deep holes! Safe, long-lasting and provides the feel of properly packed clay. On-Deck Circles and Fungo Pads also available with non-skid granular surface. Some of the over 200 baseball and softball products available from "Your One-Stop Source for America's leading sports surfaces and supplies:"

PARTAC/BEAM CLAY®
Kelsey Park, Great Meadows, NJ 07838
800-247-BEAM • 908-637-4191

DIAMOND series
The Ballfield Grading Laser

The Diamond Series represents the very latest in ballfield grading technology. This unique grading system allows you accurately and efficiently complete athletic field grading in a fraction of the time of conventional methods. The Diamond Series is a self-leveling adjustable cone laser. This means that you can actually dial in the amount of slope you desire on each field, giving you unparalleled versatility and control.

LaserLeveling
P.O Box 17678 Tampa, FL 33682
800-622-5777 www.laserleveling.com
12-Volt Field Markers

The Tru Mark Athletic Field Marker is designed for convenience, safety and economy. Uses efficient 12-volt Shurflo pump to deliver field paint at 45 p.s.i. Folding or removable handles for transport or storage. Powder coated finish, zinc plating, and stainless steel fasteners provide maintenance free life.

TRU MARK
Atheletic Field Markers
P.O. Box 1662 • Norfolk, NE 68702-1662
Phone: 1-800-553-6275

Circle 125 on Inquiry Card

Stabilizer Solutions, Inc.

TurfGrids are polypropylene fibers used to stabilize sports turf and high vehicle traffic areas such as turf parking areas. TurfGrids reinforce the base soil and root structure of natural turf surfaces, increasing the load bearing and shear strength of the rootzone, for complete field coverage or selected high-use areas.

Stabilizer Solutions, Inc.
20S South 28th Street • Phoenix, AZ 85034
(602) 225-5900 • Fax: (602) 225-5902
(800) 336-2468
Website: stabilizersolutions.com
E-mail: Iphubbs@stabilizersolutions.com

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Source Book 2000

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Gold Medal Recreational Products
M.A.S.A. Inc.
Markers, Inc.
Partac Peat Corporation
(Bean Clay)
TLI-Poligras International Inc.
Tomark Sports, Inc.

Benches & Seating
Beacon Ballfields
BSN Sports
M.A.S.A. Inc.
TLI-Poligras International Inc.

Court Maintenance Equipment
BSN Sports
Contech Construction Products
M. Putterman & Co., Inc.
Partac Peat Corporation
(Bean Clay)
Pioneer Mfg.
S.P.O.R.T.S.
Sierra Pacific Turf Supply
Tomark Sports, Inc.
Vani's Enterprises
World Class Athletic Surfaces, Inc.

Covers-Turf/Field
Beacon Ballfields
BSN Sports
Contech Construction Products
Cover Sports USA
Covermaster, Inc.
GreenTech, Inc.
Griffolyn, Div. of Reef Industries, Inc.
Grounds Maintenance Services
M. Putterman & Company
M.A.S.A. Inc.
Partac Peat Corporation
(Bean Clay)
Pioneer Mfg.
PortaFloor
Promats, Inc.
S.P.O.R.T.S.
Sierra Pacific Turf Supply
Southwestern Turf Nurseries - STN Sports
Southwest Recreational Industries/S.W. Franks Division
TLI-Poligras International Inc.
Tomark Sports, Inc.
Tri-Star Soil, Inc.
Typar Turf Blankets
World Class Athletic Surfaces, Inc.

Distance/Yardage Markers
4 Sports Inc.
Beacon Ballfields
BSN Sports
Columbia Car Inc.
M.A.S.A. Inc.
Markers, Inc.
Milburn's E-Z Right
Partac Peat Corporation
(Bean Clay)
Sierra Pacific Turf Supply
Stackhouse Athletic Equipment
Tomark Sports, Inc.
Van's Enterprises

Field Drying Materials
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Alliza Sports Turf
Anderson Law Products, The
Beacon Ballfields
BSN Sports
Diamond Pro
Flowerline Products Group, Inc.
Grounds Maintenance Services
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M.A.S.A. Inc.
Partac Peat Corporation
(Bean Clay)
Pioneer Mfg.
Pro's Choice, Inc.
S.P.O.R.T.S.
Sand Channel Greens
Southern Athletic Fields, Inc.
Tomark Sports, Inc.
Tri-Star Soil, Inc.
Turfaire/Profile Products
US Specialty Coatings

Field Lines-Permanent
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BSN Sports
M.A.S.A. Inc.
Markers, Inc.
Partac Peat Corporation
(Bean Clay)
Sierra Pacific Turf Supply
Southwest Recreational Industries/S.W. Franks Division
Stackhouse Athletic Equipment
Tomark Sports, Inc.
US Specialty Coatings

Foul Poles
Beacon Ballfields
BSN Sports
CHI Decorator & Anchor Products
Contech Construction Products
M.A.S.A. Inc.
Pioneer Mfg.
S.P.O.R.T.S.
Stackhouse Athletic Equipment

Goals & Goal Posts
Beacon Ballfields
BSN Sports
Gold Medal Recreational Products
M.A.S.A. Inc.
Partac Peat Corporation
(Bean Clay)
Pioneer Mfg.
S.P.O.R.T.S.
Stackhouse Athletic Equipment
Tomark Sports, Inc.
US Specialty Coatings

Line Markers/Stripers
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Beacon Ballfields
Brookfield Co.
BSN Sports
EZ-Liner Industries
Fleet (Line Markers) Limited
Hydro Turf Inc.
Jaydee Equipment Co.
Jiffy Line Stripers
Kromer Co.
M.A.S.A. Inc.
Milburn's E-Z Right
Moyer & Son, Inc.
Newstripe, Inc.
Opti-Gro
Partac Peat Corporation
(Bean Clay)
Pioneer Mfg.
Pro's Choice, Inc.
Revere Products
S.P.O.R.T.S.
Stackhouse Athletic Equipment
Sunset Paint, Inc.

Marking Flags/Pennants/Banners
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Beacon Ballfields
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Pioneer Mfg.
Regal Chemical Co.
Revere Products
Sierra Pacific Turf Supply, Inc.
Stackhouse Athletic Equipment
Tomark Sports, Inc.
US Specialty Coatings
World Class Athletic Surfaces, Inc.

Nets
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Bird Barrier America, Inc.
BSN Sports
Columbia Car Inc.
Gold Medal Recreational Products
M. Putterman & Company
M.A.S.A. Inc.
Markers, Inc.
Partac Peat Corporation
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Pioneer Mfg.
Promats, Inc.
S.P.O.R.T.S.
Stackhouse Athletic Equipment
Tril-Poligras International Inc.

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Gold Medal Recreational Products
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M.A.S.A. Inc.
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Stackhouse Athletic Equipment
Tomark Sports, Inc.

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Broyhill Co.
Bruning Paint Company
BSN Sports
EZ-Liner Industries
Fleet (Line Markers) Limited
Future Supply
Jaydee Equipment Co.
Lesco, Inc.
M.A.S.A. Inc.
Milburn's E-Z Right
Moyer & Son, Inc.
Partac Peat Corporation
(Bean Clay)
Pro's Choice, Inc.
Revere Products
S.P.O.R.T.S.
Stackhouse Athletic Equipment
Tril-Poligras International Inc.

Surfaces & Equipment
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BSN Sports
Multi Use Designs, Inc.
Novagrass International Inc.
Partac Peat Corporation
(Bean Clay)
PortaFloor
Rainbow Turf Products
Southwest Recreational Industries/S.W. Franks Division
Surface General
Tril-Poligras International Inc.
World Class Athletic Surfaces, Inc.

Swimming Pools

Turf Growth Blankets
Covemaster Inc.

Turf & Soil Reinforcement Systems
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Bird-X Inc.
Carolina Green Corp.
Colbond Inc.
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Hummer Sports Turf
Landscape Products/Grass-Cel
M.A.S.A. Inc.
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Multi Use Designs, Inc.
Partac Peat Corporation
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Pro's Choice, Inc.
Rainbow Turf Products
Southwest Recreational Industries/S.W. Franks Division
Sportgrass Inc.
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Tomark Sports, Inc.
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Get Serious With STMA

Application for Membership

The Sports Turf Managers Association (STMA) is an organization of professionals representing all segments of the sports turf industry. Our members work to combine the science of growing turfgrasses and the art of maintaining sports turf to produce playing fields that are both safe and aesthetically pleasing.

STMA provides members with a variety of benefits, including: educational opportunities; support for sports turf research; facilities tours; a national awards program; job hotline; access to the STMA National Conference & Exhibition; complimentary subscriptions to Sports Turf Manager and sportsturf Magazine; and MUCH more!

If you’re serious about the sports turf industry, then it’s time to become a member of STMA. Join today!

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<tr>
<th>Member Information</th>
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<tbody>
<tr>
<td>Name</td>
<td>I - Professional Sports Turf Facilities Managers $ 85</td>
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<tr>
<td>Title</td>
<td>II - Four-year Colleges and Universities Sports Turf Facilities Managers $ 85</td>
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<tr>
<td>Employer</td>
<td>III - Other Schools Sports Turf Facilities Managers $ 85</td>
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<tr>
<td>Type of Business</td>
<td>IV - Parks &amp; Rec. Sports Turf Facilities Managers $ 85</td>
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<tr>
<td>Address</td>
<td>V - Commercial (US or International) $ 295</td>
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<td>City/state/zip</td>
<td>Va - Additional from same Commercial Company $ 50</td>
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<td>Phone</td>
<td>VI - Student (full-time w/valid ID) (non-voting) $ 20</td>
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<tr>
<td>Fax</td>
<td>VII - International (other than commercial) $ 85</td>
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<td>E-mail Address</td>
<td>(must be in US dollars)</td>
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<td>Signature</td>
<td>VIII - Research, Teaching &amp; Cooperative Extension Personnel $ 85</td>
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<tr>
<td>Referred by (STM99)</td>
<td>Chapter Dues (Call Headquarters for amount) $ 85</td>
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Total amount enclosed $ 85

Please enclose payment in U.S. dollars (check, money order, Master Card, Visa, Discover or American Express) and send to:
Sports Turf Managers Association, PO Box 3480, Omaha, NE 68103-0480

For more information, contact STMA Headquarters at 800/323-3875, 712/366-2669, fax: 712/366-9119 or e-mail: SportsTMgr@aol.com

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- Triton
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Sports Turf Manager - December 1999

http://www.sportsturfonline.com
Considering a New Field? Ask Yourself These Questions.

by Dr. Dave Minner

Have questions? Send them to Dave at ISU, Hort. Dept., Ames, IA 50011.

What is wrong with the field you have? This sounds like a stupid question but actually you are trying to find out what has gone wrong with the current situation and what are the clients expectations. If you don’t know what’s broken then it is difficult to know how to fix it. Perhaps a new field is not the answer. Does the existing field simply receive too much traffic or is there inadequate personnel and resources to manage a grass field. If you are switching from a synthetic surface to a grass field, be sure that the grass system is suitable for the specific sport and total number of events. See the Q & A’s for October 98 and January 99 concerning “how much is too much traffic.”

2. How many events are scheduled for the field? If you ask how many games are played on the field then you may grossly underestimate the true level of activity on the field. Instead, ask for the number of events and consider an event to be any game or activity that contributes to the decline of the field. An “event” should include all games and practices, band, physical education classes, concerts, ceremonies, etc. The goal in asking this question is to help the client think about the type and amount of activities proposed for the field. Prioritizing activities on the new field may serve to reduce the total amount of traffic that the field receives. Are there any special events like rock concerts, motor cross, or tractor pull?

3. What are the expectations? Athletic directors, coaches, players, grounds managers, sports commentators and fans all want the same thing—a safe and attractive field that maximizes player performance and fan enjoyment. Let’s face it, we’re in the entertainment business and the field is the stage. What you need to find out is what are they willing to tolerate when the field begins to decline. Here are two undeniable truths that clients need to know when building fields. Most native soil fields provide a very acceptable surface except when excessively dry or wet. Irrigation can take care of the dry conditions but native soil fields, even those with drains installed, will experience muddy games during heavy rain. Sand based systems reduce muddy conditions but they usual-
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