

**NEW
PRODUCT!**

NEW SHOVELS

A new contractor-grade line of trench general purpose shovels have hit the market from Corona Clipper. Perfect for heavy use, these traditional shaped trench digging shovels have lighter weight hollow core 48-in. fiberglass handles and are constructed with extra thick 13-gauge steel blades that are heat treated and tempered for extra ruggedness. Users will appreciate the efficiency of the "V" groove point on the blades as well. Corona Clipper/800-847-7863 For information, circle 065 or see <http://www.oners.ims.ca/4571-065>



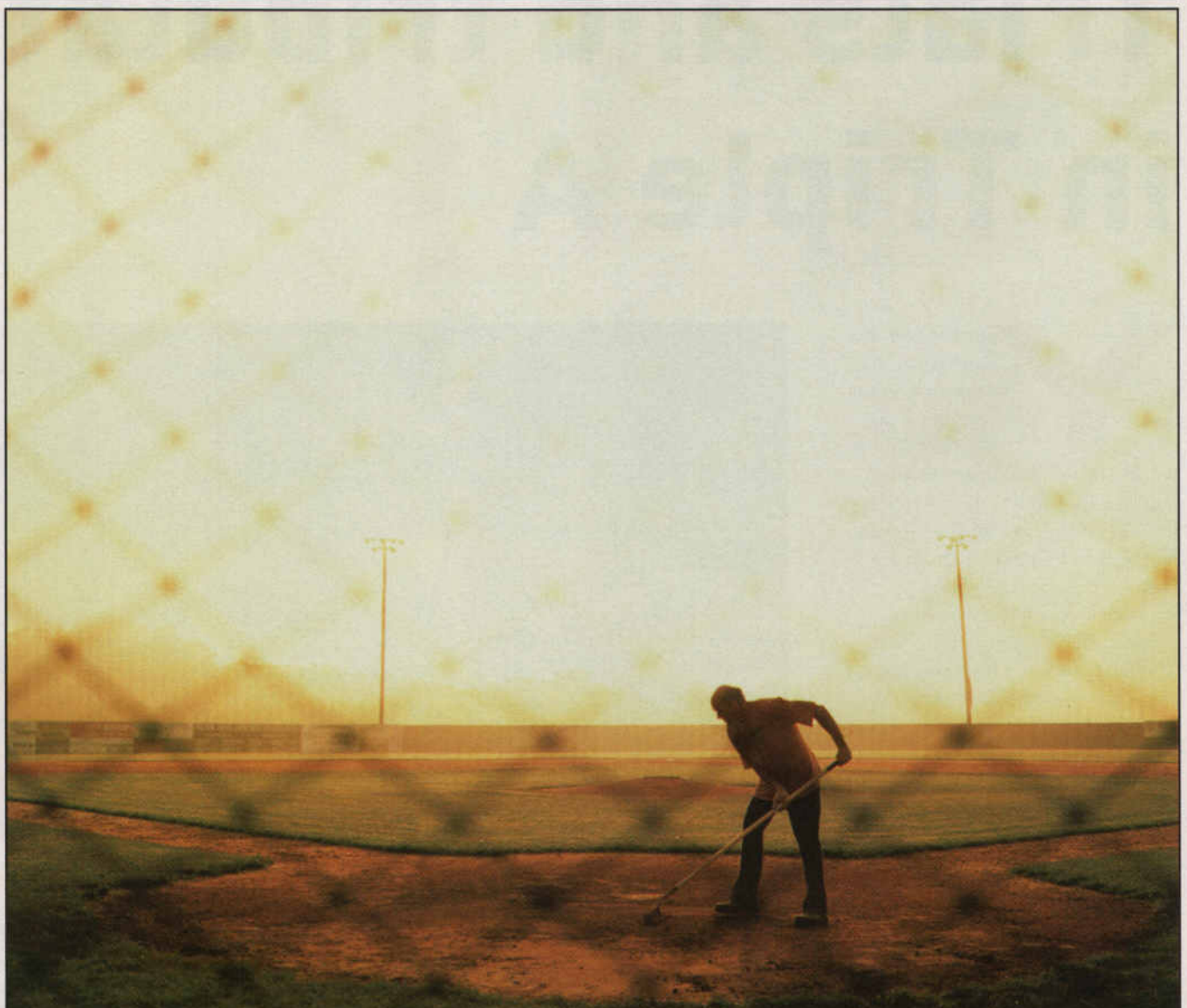
INJECT NUTRIENTS

American Soil Technologies introduces the M216 Injector Machine. The M216 was developed specifically for the injection of Nutrimoist L into established turf. The machine injects a liquid formula cross-linked polymer through center-drilled stainless steel knives. The process of hydration and rehydration of the polymer continues in the root zone for several years. American Soil Technologies, Inc/800-798-7645 For information, circle 085 or see <http://www.oners.ims.ca/4571-085>



WALK-BEHIND REEL MOWERS

The Commercial Series walk-behind reel mowers from Locke Turf have been manufactured since 1928. Refinements in manufacturing and technology make the commercial series Locke mower the choice for today. All models come standard with a free-floating cutting unit that is independent of the mower chassis, allowing the unit to follow the terrain with great precision. All models have a blade option of 6, 7, 8, or 10-blades for the conventional reel and 8 or 10-blades for the "V" reel. The patented "V" reel from Locke eliminates the daily reel to bedknife adjustment and stays sharp with virtually no grinding. Locke Turf/985-624-5053 For information, circle 061 or see <http://www.oners.ims.ca/4571-061>



You are the MVP and the game hasn't even started.

Serious players at every level need great fields to perform to their fullest—and they're counting on you to make it happen. Through wet springs and dry summers, *Turf Surface Athletics™* will help you dramatically improve your playing surface—guaranteed. You'll get a broad range of infield and turf conditioners to prevent rainouts and maximize safety on any athletic field. And you'll get a lot of thanks from your players. For over 40 years, on more fields across America than any other brand, nobody does it better than Turf Surface.

Get connected to the industry's largest network of sports field knowledge. Start by ordering your FREE *Sports Field Safety Audit*, a 52-point examination and report to help achieve on-field excellence.

CALL 1-800-207-6457.

**TURFACE
ATHLETICS™**

Keeps America Playing™

baseball • softball • soccer • football



The most widely
used field conditioners
in America

www.turfathletics.com

Circle 169 on card or www.oners.ims.ca/4571-169

BY KARI ALLEN

Trials and tribulations in Triple A

Your first year at a new facility is always a learning year, becoming familiar with the conditions and challenges unique to that facility. This was the case for me as the 2004 season was my first working for the Buffalo Bisons at Dunn Tire Park.

Buffalo is notorious for its bad weather. Having grown up in West Michigan, I haven't been shocked by any of the weather I have encountered here. That does not mean the weather has been easy for me to work with. One of the challenges of working in a northern climate is that there always seems to be a gamble on when the weather is going to break. Before the season started, we had to break up piles of snow to help it melt on the parts of the field that got the least amount of sun. We ended up having to remove a lot of water and ice from the infield skin as well. The parts of the field that were under snow cover the longest suffered a bit of snow mold damage, but quickly grew out of it once the grass came out of dormancy.

Because there was no turf manager here from the end of the 2003 season until I started in January 2004, when the field was under snow, I had a few more tasks to tackle in the spring than I normally would.

I prefer to get the field as perfect as possible in the fall, since you never really know what kind of spring and how much time you'll have to prepare the field for the season. A couple of the things I had to do were build a game mound and pull a ton of weeds. The mound had been removed the previous fall for one high school football game. Once I was able to get enough clay, that project took about a day with a vibratory tamp.

The more tedious and time-consuming task was removing weeds from the infield skin and the warning track. A lot of weeds, mostly annual bluegrass, had crept from the edges to about six inches or more in.

We got the field dry enough and playable for our home opener and soon realized that we had only seen the beginning of a season of wet weather. And those of us



with drainage problems learned quite a bit about our fields! We started the season with a field tarp that had very leaky seams. We would remove the tarp to find a muddy mess underneath, sometimes with standing puddles.

To be honest, we probably would have been better off leaving the field uncovered during this time. On game days following a rain, we would end up spending the entire day working on the skin. We did start placing buckets upside down underneath the worst seams to try and prevent water from sitting there and leaking through. That seemed to help some, but it was not a solution.

We finally purchased a new field tarp and had a pretty heavy rain, about 2.5 inches overnight, the first time we used it. Little did we know, our outfield drainage nightmares were just beginning to surface. The sand slit/Cambridge Bypass drainage system was installed in this field in the early 1990's. Those sand slits are still in tact and drain well. However, we have a 2-3 inch layer of organic matter that has formed throughout the field, which makes it very difficult for water to get to the sand slits and drain. After having some soil analyses performed, we

learned that the field can be expected to drain about 0.10 inch per day. Not good.

Fortunately, the field seemed to drain better than that in most areas. There are some low spots in the field, which of course, are the areas that gave us most trouble. When the water couldn't penetrate the organic layer quickly, it would run off to the low areas and sit there. Now, we started pumping water as much as possible, using a super sopper once no more could be pumped, and finally and only if absolutely necessary to get the game in, we'd spread some calcined clay in the worst areas to help absorb the water. I don't like using calcined clay in the grass, but sometimes we just had to.

I would have liked to have been able to aerate the field more often. I averaged about once every five or six weeks. We used a vertidrain mostly since we own it. I did not want to rent other equipment and then not be able to use it do to weather or other field use. Rainy weather and the extra events made sticking to my field maintenance schedule challenging enough.

Wind woes

The wind is another weather issue I faced. We actually had a game in April postponed due to wind. The winds were 20-30 mph, with gusts of 45-55 mph. Our stadium is located in a "wind tunnel" downtown, so the wind speed here may have been slightly higher.

The game was postponed because we had the tarp on the field due to rain the night before and thunderstorms were still in the forecast; we did not think we could safely remove the tarp, and it was possible we'd have to try and put it back on.

It was so windy, we had all of our sandbags down, stakes in all of the tarp's grommets, all of our equipment parked on the tarp, and 50-lb. bags of infield conditioner and calcined clay wrapped in garbage bags to keep the tarp down. The hood of our tractor blew off, and the rain we got blew off of the tarp as quickly as it fell on it. That was the worst of the wind, but weaker winds still caused problems. My big issue with the wind was its effect on blowing material into edges and everywhere else. We added 50 tons of warning track material and it still was low. Our engineers tell me that they see tons of warning track material on the roof of the stadium when they go up there. I've watched it blow around but never realized it got that high.

One morning after a windy evening, I came to work and found absolutely all of our infield material blown into the infield grass. The pile of material in the grass was an inch or two high nearest the edge, and more material could be seen as far as a couple of feet into the grass. Two days later, when the winds finally died down, I took our hose and blasted the edge to get that material out of the grass and back onto the skin. When it was windy on or near game days, I tried to keep the skin watered to help prevent the material from blowing around.

After every game, I have someone take a rake or broom around all of

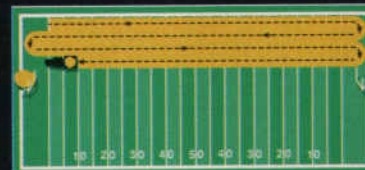
the edges to bring any clay material back onto the skin. When the team is gone for a while and there are no other events scheduled, I blow out the edges with the hose.

YOUR ULTIMATE SPORTS TURF TOP DRESSER



The Mete-R-Matic XL makes top dressing simple and fast

The new Mete-R-Matic XL, specifically designed for sports turf, features the same technologies that made the Mete-R-Matic III the leading top dresser on turf. The patented Chevron belt allows you to accurately and evenly distribute material, regardless of moisture content. The ground drive system assures that your material will be spread evenly, regardless of vehicle



METE-R-MATIC XL: FIELD STRATEGY
The Mete-R-Matic® XL is specifically designed for sports turf application. The greater capacity hopper allows it to make four full passes (up and down) across a football field, so you end up at the loading end—right where you started. This saves wasted time driving across the field to reload, increasing your efficiency.

speed. Plus, the XL features a larger, 2.25 cubic yard hopper so you get the job done fast. For more information, a demo, or to learn more about top dressing, call 1-800-679-8201.



1655 101st Avenue NE • Minneapolis, MN 55449-4420 U.S.A • (763) 785-1000 • Fax (763) 785-0556 • www.turfco.com

Circle 170 on card or www.oners.ims.ca/4571-170

There were only a couple of people I trusted to do this, since if you're not careful, you can easily blast away the infield clay, creating holes along the edge, or you could also end up building a hump in the clay or another lip.

The field is a potpourri of Kentucky Bluegrass, Perennial Ryegrass, and Annual Bluegrass. It's ugly, to say the least. Because there is such a horrific amount of annual bluegrass throughout the field, and we keep talking about replacing the field, I have just been managing the grass, rather than trying to suppress it at all. The field was last resodded in the early 1990's. During the season, I kept both the infield and outfield mowed at 1.25 inches, except for extra, non-baseball events. For those extra events, I preferred to keep the grass a little longer to help it withstand the beating it was about to receive.

I fertilize with about 0.5lb N per thousand square feet each month. My first application in March and dormant application in November are closer to one pound nitrogen per thousand. Throughout the season, I use fertilizers that contain mostly slow release nitrogen with some quick release. The fertilizer I used most often had a fair amount of potassium in it as well to help withstand all of the traffic put on it with extra events.

I use a preventative fungicide program. In July, we had a little brown patch on the infield/where tarp lays, but one fungicide application, at the preventative rate, no less, took care of that. As I mentioned, we also had some snow mold in March, but we



raked it up, fertilized, and it filled in quickly with annual bluegrass. Except for the two zones under the tarp, I didn't use the irrigation much at all this season, a result of above normal rainfall and less than adequate field drainage. I think I watered the field more in September alone than in the rest of the season combined.

Special event hassles

Like many turf managers, I have to accept numerous non-baseball events taking place on my field. Many of us now have to deal with concerts, company softball games, campouts, wrestling events, fire trucks, helicopters, etc. In West Michigan, it was cow races; Peoria turned their field

into a car lot for four days, and Buffalo has the National Chicken Wing Festival.

I don't know how many times I asked myself this summer if I was working for a parks department again or a professional baseball team. The Wing Fest is a 3-day event over Labor Day weekend. Food tents, merchandise tents, demonstration tents, a stage, Navy recruiters, TV station tables, the newspaper table, and a couple of inflatables lined the entire perimeter of the outfield. Restaurants come from as far as Texas and Alabama with their signature sauces. Most of these tents are half on the grass and half on the warning track. The track had to remain clear for utility vehicles to have access to the tents, which I found very interesting since the only people consistently using the track were the grounds crew.

We had forty or fifty trash cans spaced throughout the field, but when you get

Game-On Sports Field Conditioners

**Keep your field in top notch shape
with 4 great products**

Game-On
Game-On Red
Game-Dry

And Warning Track blend



hayditegame-on.com
1-888-593-0395

Distributorships Available

Game-On
Sports Field Conditioners



that many people in a space, you're going to have chicken bones, trash, and more chicken bones all over the place. Some of the hot sauces turned the grass black and killed it.

The worst was damage from foot traffic. We had Enkamat down at the field entrance, where the food ticket line was, and by all of the tents. I kept saying that the ground looked like county fairgrounds rather than a professional baseball field. After everything was cleaned up, I watered the field, just let it rest for a day (I felt bad walking on the poor thing), and fertilized it. I threw some seed down in the worst areas as well. It did look a lot better two days later, even though it still looked horrible to me. Many of the dead spots are still filling in quite nicely with annual bluegrass.

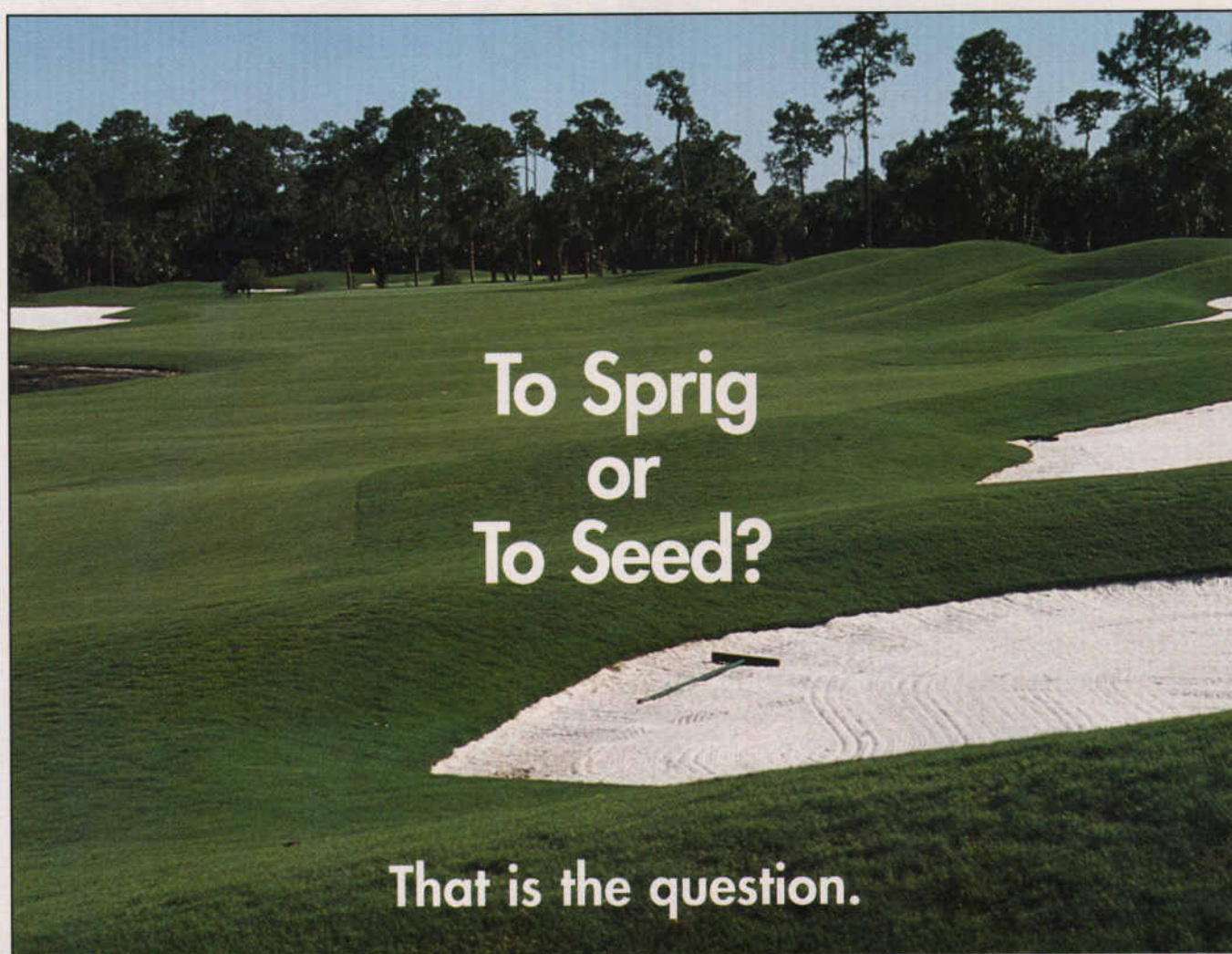
A drum and bugle corps competition was another event I didn't care for. Having been in marching band, I use to love drum corps. I'm not so sure about that anymore, unless maybe they start competing in parking lots. Now, the chicken wing festival had me frustrated; this event made me downright angry. One group was supposed to practice for a couple of hours before the competition. They took the field earlier than they said they were going to, so we assumed they'd be done early. Nope. They ended up practicing for eight hours. The same corps trampled through the same formations for eight long hours.

We had to paint a college football field for them, using the right field foul line as a sideline. They were just going to march over the mound. We had removed all of the topdressing material from the infield skin before painting the field. The group that was practicing had worked up so much of the clay, you would never have known that any material had been removed.

Then, while fixing their lines in the dirt the first time, we noticed random people associated with these bands repainting lines in the grass! It was about ten against two, so I was losing that battle, though I never backed down. The contact for the event was even trying to help me, but he had his own issues that were out of control. I can only imagine what I would have been like had it not been turf paint they were using. Then, after my confrontation about the paint, another guy actually came up to me and asked me to remove the pitchers mound. Unbelievable.

Actually I was less stressed out about work this year than I have been in the past. All of these extra events still bother me, but I'm more laid back about them. I can whine about things, but when I stop and

think about it, I know there's always someone in a lot worse situation than mine. Plus, I have more confidence in myself and my crew, a pretty good budget, and my supervisors actually understand that some of the events they plan for the field are going to do some damage and that I am not a miracle worker. And, of course, watching your boys win a championship helps in keeping life upbeat! **ST**
Kari Allen is head groundskeeper at Dunn Tire Park, Buffalo, NY.



The newest elite turf-type featuring finer leaf texture, improved turf density, and significantly improved turf quality. With excellent tolerance to winter survival and reduced scalping, Sunbird also offers significant economy over similar bermudagrasses. Sunbird is second only to Riviera in performance.



Developed by Pure Seed Testing in North Carolina, Savannah forms a dark green, low-growing turf with excellent turf quality and early spring green-up. Ideal for new turf installations and the improvement of all existing bermuda turf.



Transcontinental represents a new generation of improved turf quality, color, and performance. With improved cold tolerance for winter survival, Transcontinental allows for quality bermudagrass performance in both hot, humid conditions and cooler, temperate climates.

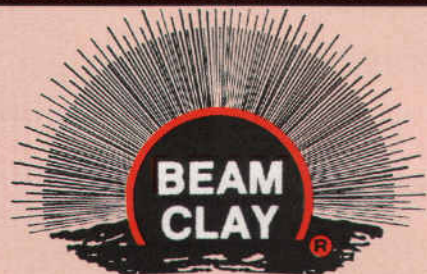
Seed: 1,400 plants per square foot
Sprigs: 10 plants per square foot
More plants...Less labor...Cost savings



800-247-6910 • www.turf-seed.com • email: info@turf-seed.com • fax: 503-651-2351

Circle 098 on card or www.oners.ims.ca/4571-098

**YOUR "ONE-STOP SOURCE"
FOR AMERICA'S LEADING
BASEBALL SURFACES & SUPPLIES!**



THE PROFESSIONAL'S CHOICE
... SINCE 1922

A SUPPLIER TO EVERY MLB TEAM,
OVER 150 MINOR LEAGUE TEAMS,
OVER 700 COLLEGES, PLUS THOUSANDS
OF TOWNS & SCHOOLS WORLDWIDE.
SPECIAL MIXES FOR INFIELDS,
PITCHER'S MOUNDS & HOME PLATE AREAS.

**REGIONAL INFIELD MIXES AND
RED WARNING TRACKS FOR
EVERY STATE & CLIMATE FROM
BULK PLANTS NATIONWIDE!**

PLUS INFIELD CONDITIONERS:
IF TOO HARD AND POORLY DRAINING!

Pro's Choice

THE REDDER, LESS DUSTY, MORE UNIFORM
INFIELD CONDITIONER & DRYING AGENT
FOR CONSISTENT INFIELD CUSHION
IN WET OR DRY WEATHER!

DIAMOND PRO

IMPROVES DRAINAGE & ENHANCES COLOR!
IF TOO SOFT & DUSTY!

STABILIZER® & HILLTOPPER®

FOR FIRM, YET RESILIENT, PLAYING SURFACES
TO QUICKLY DRY INFIELDS!

The Original & Most Absorbent is Now

NEW & IMPROVED GRANULAR

DIAMOND-DRY.



WHAT!
We Came 100 Miles
And You STILL Don't Use
**DIAMOND
DRY!**



OVER 200 OTHER INFIELD PRODUCTS!

Premium & Standard in 6 Colors!

FENCEGUARD

Protective Safety Covers
for Chain Link Fence

WALL PADDING • WINDSCREEN • RAIL PADDING
TAMPERS • DRAG MATS • RAKES
HOLLYWOOD® BASES • FIELD MARKING MACHINES
BATTING PRACTICE COVERS • RAIN COVERS
PERMA-MOUND™ PADS • MOUND BRICKS
SAFE "T" MATT™ BATTER'S BOX PADS
TYPAR® GEOTEXTILES & TURF BLANKETS
ON-DECK CIRCLES WITH TEAM LOGOS
PERMANENT FOUL LINES & MUCH MORE!

FOR INSTRUCTIONS & BROCHURES

www.BEAMCLAY.com

800-247-BEAM

908-637-4191 / FAX 908-637-8421

PARTAC PEAT CORPORATION

KELSEY PARK, GREAT MEADOWS, NJ 07838

"The best infield mix I've ever used."
— GEORGE TOMA

around the grounds

Penn State wins STMA student challenge

The inaugural Student Collegiate Challenge at the Sports Turf Managers Association gathering in Phoenix pitted 15 teams from colleges and universities taking a written exam on sports turf and sports field topics, and identifying live plants and weeds.

The Pennsylvania State University team of Shawn Mahonski, Kristen Althouse, Kyle Slaton and Shawn Meredith finished first; Iowa State University's Chris Hickman, Tim Doyle, Adam Thomas, and Lance Johnston placed second; and third place honors went to Colorado State with Nick McNamee, Nate Tuck, and Andy Sears. Winners each received a \$25 STMA gift certificate and the team took home a permanent plaque.

Brad Jakubowski and Chad Follis created the event; Steve Cockerham and Steve Ries from the University of California-Riverside Agricultural Operations wrote the test questions, and Dr. Leah Brilman with Seed Research of Oregon oversaw the grading of the tests. Lions rule!



Circle 173 on card or www.oners.ims.ca/4571-173

Crying uncle

Chuck Pula, one of Florida's leading turf managers, encountered both Hurricane Charlie and Hurricane Frances last year. Here are several photos detailing some damage. Chuck said later that the hurricane damage total was \$432,685, \$350K of which was fixing the tree damage, eg, hauling and grinding costs, etc. He added that 90% of the costs were being covered by the Federal Emergency Management Agency, and the state and city of Winter Springs split the remaining 10%.



Wind gusts up to 135 mph from Hurricane Charlie pulled out and damaged the 1-year-old Daktronics wireless scoreboard (\$6,500 damage) in Central Winds Park, Winter Springs, FL.



Wind gusts up to 135 mph from Charlie ripped this oak tree in half, hitting the playground. Charlie also tore off and ripped the 30 x 40 x 12-foot shade covering, resulting in \$5,000 damage.

Hilltopper® Waterless & Dustless
The top performer in Softball infields, Baseball mounds, home plate areas and warning tracks. Improve play without water and extensive rework labor. Fast rain recovery, just brush it dry.

Stabilizer The Standard Worldwide
Our patented process is the standard for durable, all weather, crushed stone playing surfaces, pathways, parking, fire lanes and event staging areas. Call for approved dealers in your area.

www.StabilizerSolutions.com
www.BallyardProducts.com

Stabilizer Solutions, Inc.
205 South 28th Street
Phoenix, Arizona 85034 USA
info@stabilizersolutions.com

USA toll free 800.336-2468
In ARIZONA tel 602.225-5900
fax 602.225-5902

Circle 099 on card or www.oners.ims.ca/4571-099

Custom Netting, Windscreen & Padding

Improve the appearance of your field and increase safety with Beacon's custom netting, windscreen and padding.

- Custom-made to fit your specific applications
- Free custom design
- Highest quality material
- Fabrication to assure proper fit
- Many different colors and styles to choose from

Call today to receive your custom quote within 24 hours!

TRAINING & FIELD EQUIPMENT EXPERTS
beaconathletics.com

Visit us online or call anytime!
[800] 747-5985

Circle 175 on card or www.oners.ims.ca/4571-175

CUSTOMIZED BASEBALL TARPS

Sporttarp introduces their new line of mound and home plate tarps that are customized with team logos. Maintains soil consistency and allows for fast and easy placement. All graphics are produced using PMS colors guaranteed to match your needs. Licensed product of Little League Baseball, Inc. John B. Jones, Inc/910-654-6711 For information, circle 071 or see <http://www.oners.ims.ca/4571-071>



MODULAR FLOORING

Matéflex Modular Surfaces offers the TileFlex solid top tile for basketball, aerobics and multi-use sports surfacing. TileFlex is unique because a high-quality luxury vinyl tile inserts into a base module forming a single, snap-together unit. A wood grain look is available for gymnasium applications. The base features a specially designed raised rim that protects the insert from chipping or other damage. TileFlex is made of high impact polypropylene and has hundreds of support pegs that raise the tile above the existing floor. This allows for airflow, keeps the tile away from dampness and even permits portability where needed. Mateflex Modular Surfaces/800-926-3539 For information, circle 073 or see <http://www.oners.ims.ca/4571-073>

COLD WATER WASHER



Mi-T-M Corp. introduces a cold water direct drive series of aluminum pressure washers called the CA Series, which have been designed for the commercial pressure washer application with 5.5-13.0 HP Honda or Subaru engines, direct drive triplex piston pump with ceramic plungers, forged brass manifold, thermal relief valve, stainless steel and brass unloader, optional adjustable low pressure detergent injection, and 1 inch aluminum tube handles. Mi-T-M Corporation/563-556-7484 For information, circle 074 or see <http://www.oners.ims.ca/4571-074>

Keep your bases loaded

...with FieldSaver™ Protective Rain Covers and FenceMate™ Wind and Privacy Screens.

Only from CoverSports USA

FieldSaver™ mesh protects during batting practice

SafeFoam™ padding in 4 colors protects players

CoverSports offers a full line of products to protect and enhance your baseball fields. And we manufacture everything, so we can customize to your specifications.

Use FieldSaver™ over real grass or artificial turf

FenceMate™ screens the wind

FenceCrown™ tops chain link fences

Custom numbered and colored outfield distance banner

It's your turf - keep it safe...

FieldSaver™ Football Sideline Covers—only from CoverSports USA

- Save your sidelines - real grass or artificial turf
- Heavy-duty construction stands up to the toughest football teams
- Durable polypropylene fiber lets air and water pass through
- 5 Stock sizes from 14' x 50' to 14' x 150'
- We will customize by size, school name and logo
- Full field rain covers also available

FieldSaver™ Sideline Tarps can be personalized to your specifications

Protects and preserves your sidelines

COVER SPORTS USA
A Division of Harsanyi Manufacturing
Your All-American Advantage

5744 Woodland Ave., Phila., PA 19143
800.445.6680 Fax: 215.724.8706
www.coversports.com
email: sales@coversports.com

The game must go on.

No more wet, muddy or frozen fields. Ever. Whether you play on grass or artificial turf, the Airfield® sports drainage system is for you. We move water 13 times faster and reduce irrigation requirements by up to 70% over any other system, with a Gmax rating up to 15% lower for enhanced player safety. And if that wasn't enough, our Airforce® system keeps your field cool during high temperature play and warm to prevent snow and ice buildup. With all that you have going on above your turf, isn't it time you thought about what you have going on beneath it?

441 S. Fretz
Edmond, OK 73003
Office: 405.359.3775
Toll Free: 888.287.9657
Web: airfieldsystems.com

Circle 176 on card or www.oners.ims.ca/4571-176

Circle 177 on card or www.oners.ims.ca/4571-177

48 March 2005

SPORTSTURF • <http://www.greenmediaonline.com>

Conference Attendance Rises in Phoenix

The 16th annual STMA Conference and Exhibition brought nearly 900 conference attendees, an association record high, to Phoenix, Jan. 19-23, for classroom and hands-on education. In the 90,000 sq. ft. trade show, attendees got a first hand look at the latest industry products and equipment offered by 157 exhibiting companies.

The conference events were enhanced by the generous support of many companies. The conference sponsors include The Toro Company; Covermaster; Hunter Industries; West Coast Turf; Turface Athletics; Ewing Irrigation; Beacon Athletics; Midwest Rake; Pro's Choice, Sports Turf Company, Inc., Weatherbug, and Cygnet Turf.

A presentation and panel discussion about synthetic turf and natural turf—the advantages, disadvantages, uses and cost comparisons—and the most recent research data available opened the conference.

Keynote speaker Ron Santo, former third baseman for the Chicago Cubs

and current radio color commentator for the Cubs, gave a heartfelt presentation about his career and personal challenges, which includes amputation of both legs due to diabetes.

Forty-six sessions and workshops, a dozen roundtable discussions and three, full day, off-site seminars were packed into the five-day conference.

In addition, a five-hour training session was held for chapter officers to discuss issues including the new chapter affiliation agreement, compliance, website and volunteerism challenges. John Deere, the gold level sponsor, and silver level sponsors Alpine Services, Inc., Hunter Industries, Stabilizer Solutions and Syngenta, support the STMA chapter program throughout the year.

Students were able to take advantage of many activities specifically geared to them including the inaugural Student Collegiate Challenge. Fifteen teams from various colleges and universities participated in a written exam on sports turf and sports field topics and identified live plants and weeds. Winning first



DuPont™ Turf Blanket™ with Xavan®

Works as a buffer between your turf and the elements
The DuPont™ Turf Blanket with DuPont™ Xavan® is a highstrength, lightweight nonwoven polypropylene fabric that effectively helps minimize damage from winterkill, wind, and insects. It passes both air and water, and helps create a greenhouse-type environment (higher soil and air temperatures, retained moisture) conducive to root growth, extends the growing season and allows for earlier green-up of your sports field.

**Ideal for over-wintering, germination,
and late/early season daily covers.**



The miracles of science™

For more information about DuPont™ Turf Blankets, call Earth & Landscape Solutions (ELS) at: (800) 289-2448

TARGET AMENDMENT PROGRAM

Mar-co has developed four concentrated amendments that target the major causes of poor infields. The following quick steps will add the right amendment into your existing mix and create a surface that's right on the mark.

1. M.A.P. it
2. Send it
3. Work it
4. Play it

SOFTSOAK

SUREFOOT

1-800-950-2555

HYDRAIN

DIRECT-HIT

www.marcoclay.com



MAR-CO
Clay Products Inc.

Circle 178 on card or www.oners.ims.ca/4571-178

Circle 179 on card or www.oners.ims.ca/4571-179

STMA in action



place was The Pennsylvania State University with Shawn Mahonski, Kristen Althouse, Kyle Slaton and Shawn Meredith; Iowa State University took second place with Chris Hickman, Tim Doyle, Adam Thomas, and Lance Johnston; and third place honors went to Colorado State with Nick McNamee, Nate Tuck and Andy Sears.

The first place team members each received a \$25 STMA gift certificate and the team took home a permanent plaque. Hunter Industries sponsored the Student Challenge. Brad Jakubowski and Chad Follis created the event; Steve Cockerham and Steve Ries from the University of California-Riverside Agricultural Operations wrote the test questions and Dr. Leah Brillman with Seed Research of Oregon oversaw the grading of the tests.

The STMA Awards banquet culminated in the awarding of the Founders Awards, STMA's most prestigious honors. Steve LeGros, GCA Services at the University of New Hampshire, received The Dick Ericson Award, which is given to a sports turf manager who positively impacts the sports turf industry and exhibits effective team leadership. Kevin Meredith, National Soccer Hall of Fame received the

Work Smarter



Hose reel and cart #600968

Made in USA

Hose reel and trailer for water when and where you need it!

Trailer & Hose Reel Package #600910
1" ID x 100'



Call 800-444-3134
www.reelcraft.com

Reelcraft offers a complete line of sports turf hose reels.

REELCRAFT

Wind Things Up With Reelcraft

SportsTurf

087 1054C 060211

Circle 180 on card or www.oners.ims.ca/4571-180

QwikDRAIN® Fields deliver Value, Performance & Safety

QWIKDRAIN® SYSTEMS

4 1/2" of rain won't stop the Rugby Tourney

"On May 3,4 of 2003 Stanford University hosted the College National Rugby Championships at Steuber Field. Concerns were high as the fields had been deluged with over 4 1/2" of rain on the two days prior to the match."

This was the true test for the newly reconstructed field because Stanford University opted to stay with native soil and install a new high performance QwikDRAIN® System.

"Indeed, the rain continued heavy up until the time of the first match. We then played eight matches over two days. At the completion of the last game the field showed almost no evidence of any wear whatsoever."

"Your field at Stanford exceeds the standards we met at World Cup."

-Douglas Arnot, Pres/CEO, USA Rugby Football Union

"Since the installation of the system, we have not had to replace any turf on the field. The performance has exceeded our expectations."

-Dave Rulli, Manager of Stadium Operations, Jefferson County Schools



- Virtually invisible, permanent aeration & drainage system designed for your native soil profile
- Dramatically reduces downtime renovation and maintenance costs
- Convert your native soil field into a high performance QwikDRAIN® Field in one (1) week for as little as \$.75/sf.
- Turn your existing drain system into a high performance QwikDRAIN® System for as little as \$.35/sf.
- Solves issues related to "Reclaimed Water"



STAY NATURAL
with ...
QwikDRAIN® Systems

A Division of GreenONE® Industries

Kelly Walsh High School Stadium, Casper, WY

Toll Free: 866-567-6872

Circle 181 on card or www.oners.ims.ca/4571-181