

# PRODUCT SHOWCASE

## The TRUPLAY Diamond Groomer



The Bannerman TRUPLAY has been improving ball diamonds in the United States and Canada for seven or eight years now and it's still growing in popularity as more and more groundskeepers see what an outstanding job it can do in a very short time. It can help you totally renovate your diamond if need be, or mix in a soil conditioner if you like. Then, just 30 or 40 minutes before any game, a few finishing touches and you'll see what the "Home team advantage" really is.

### Gordon Bannerman Limited

41 Kelfield St., Rexdale,  
Ontario, Canada M9W 5A3  
(416) 247-7875, Fax (416) 247-6540  
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## The Diamond-Master Groomer



This new diamond groomer is really just a deluxe model of the TRUPLAY. It has all the same tools working for you — the Ripper Blade, Spring-Tooth Rake, Levelling Mechanism, Roller and the Brush. When you're finished no one will know whether it's done by a TRUPLAY or a Diamond-Master. Why do people insist on buying the Diamond-Master? It's better looking. It costs a little more. It's easier to set up and adjust. Maybe they just want the very best. Why not talk to us about it?

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## Wet and Dry Line Markers



Bannerman line markers are simple, practical, easy to maintain and affordable. The Wet Liner uses low-cost latex paint and marks on grass, asphalt or other solid surfaces. A well-balanced, professional machine rolling on pneumatic tires. Available with interchangeable belts in widths of 2, 3 and 4-inches. The Dri Liner handles virtually any powdered marking material on non-turf areas and is adjustable from 1 to 4-inch lines. Runs on 4 pneumatic tires for maximum stability.

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## Bannerman Super-ject Aerifier



This is the largest model of the new Bannerman Air-Ject series. It has a 6-foot Aerway frame with 3 pt. hitch tractor attachment and is designed for bolt-on interchangeable tines. Aerway **Shattertines** as shown in photo or the new Bannerman **6 1/2-inch Slitter Tine**. The 4-foot **Multi-Ject 400** and **Walk-behind models** also have interchangeable bolt-on tines— **Slitter, Aerway Shattertines** or **Coring tines**.

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The second key is not to oversoak the seed. The tests showed quite clearly that it is possible to remove too many nutrients along with the germination inhibitors. Although these tests did not try to determine an optimum soaking period or minimum amount of water required to prime the seed, they clearly showed that two soaking periods of 12 to 16 hours each were excessive. The 12- to 16-hour soaking period was chosen because it fit the normal work schedule. We believe that inconsistent wetting and oversoaking contributed to some of the problems we had observed with limited priming.

The third key is an efficient soaking and rinsing container. The easiest way to soak and rinse seed is to dump it into a 55-gallon drum fitted with a rack above the bottom covered with window screen and a side valve below the rack to allow for drainage. Only soak 100 pounds of seed at a time.

Soaking the seed in the bag should be avoided. The seed is hard to wet, cannot swell to absorb the maximum amount of water, and rinsing is difficult if not impossible. We believe that improperly

## "Speed Seed" was the result of a testing program to find an alternative to limited priming and pregermination.

rinsed seed will still be surrounded by germination inhibitors on the exterior of the seed and, again, lead to inconsistent germination. The seed in the test was rinsed with running water until the rinse water was clear.

A further advantage of the short soaking period before drying is that there is no possibility for mold or fungi to get a foothold. Also, the seed will not degrade through decomposition, nor will the germination actually begin.

After the seed is soaked, rinsed, and drained it is a simple matter to use a hand truck to wheel it over to a drying area where it can be dumped out for drying. Once it is dry, Speed Seed is ready to use.

The advantages to Speed Seed are consistent, rapid germination and the ease of handling the dry seed. We would never return to limited priming or pregermination.

There are several other areas that merit further investigation, such as the use of aeration during soaking. We did not evaluate this because we already seemed to be pushing the envelope of pregermination. It might be interesting to add a peroxide, such as hydrogen peroxide, during soaking as an oxygen source. Other questions that remained unanswered include those regarding seed variety, the effects of cycling freezing and thawing, and the seed's ultimate shelf-life after drying. □

*Editor's Note: Todd Detzel is head groundskeeper of the Laytonville Unified School District in Laytonville, CA. He has been a member of the national Sports Turf Managers Association since 1988.*

# PRODUCT SHOWCASE

## 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

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John Brosnihan refreshes paint on team logo in the endzone of Fitton Field.

you're on the board of trustees, part of the administration, part of the teaching staff, part of the maintenance crew, or the college president. The entire team is committed to excellence."

Long worked his way up on the grounds crew, then on the greenhouse crew. In 1977 he was named superintendent of grounds.

"We 'team solve' problems," he enthuses. "I meet with division foremen twice a day, in the morning and at noon. We all know what needs to be accomplished and how we're doing at reaching our goals. I meet regularly with my supervisor, Gerard A. Zimmerman [physical plant director] on the same team solving basis. That process is followed throughout the college.

"Although each department has its own areas of responsibility, everyone pitches in on any project when circumstances call for it," he adds. "Grounds maintenance jobs don't go by the clock. We were all out there moving mountains of snow in January."

Long is a strong believer in continuing the learning process. He's an active

*continued on page 24*

## PRODUCT SHOWCASE

### Water Reels



Kifco has introduced two models to their popular line of Water-Reels. The new B110 and B180 extend the product line to ensure there is a Water-Reel to fit your needs. Machines are compact, easy to use, operate unattended, and shut off automatically. They are suitable for all types of sports turf and are easily transported from one area to another. Water-Reels combine outstanding features that come from more than 25 years of traveling sprinkler engineering.

**Kifco, Inc., P.O. Box 290**  
600 S. Schrader Ave., Havana, IL 62644  
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### Infield Maintenance Machine



The Diamond Demon is the machine that will turn your difficult baseball/softball infields into level, smooth playing areas in short order. The Diamond Demon comes in four- and six-foot widths. All production models come with a tow package as standard equipment (not shown). Hundreds of satisfied users worldwide!

**Diamond Demon**  
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**Jim Long credits Father Gillis for making him resourceful.**

op a strong root system. In late August and early September, the grass is cropped down to 1-1/2-inch for seasonal play.

Depending on the weather, the initial cropping may cause discoloration and burning. In this event, an application of nitrogen and iron fertilizer at half-rate, followed by heavy watering causes the grass to green up within a week.

Fitton Field requires an average of 1-1/2 to two inches of water per week during the season. Hot summers and areas of compaction, such as those along the sidelines and bench areas, make it necessary to guard against crabgrass and knotweed. Grubs, especially Japanese beetles and chinch bugs, are familiar invaders.

The treatment program established for athletic fields includes applications prior to May 1 of crabgrass control, broadleaf weed control, surface insect control, and a balanced fertilizer delivering one pound of nitrogen per 1,000 square feet.

A second treatment includes broadleaf weed control, surface insect control, and another balanced fertilizer application. The third treatment combines a balanced fertilizer application with broadleaf weed control.

A fourth fertilizer application rounds out the fertilization program. In late November, a fungicide for snow mold prevention is applied to Fitton Field and the varsity baseball field.

The football field is aerated a second time during the fall season. The adjacent baseball field, which doubles as

a parking area for home football games, receives more frequent aeration.

The now consistently excellent quality of the athletic fields provides the safest possible turf conditions for the college's athletes. And safety, which has always been a major consideration, is even more so now in these times of greater concern over liability.

Long attributes much of the program's success to the Holy Cross administration for its outstanding support of excellence in the quality of the college grounds and athletic facilities. "The whole secret is teamwork and a commitment to excellence," he says. "That support has to come from the top."

To grounds managers who have the capability but are frustrated by lack of administrative support for their efforts, the College of the Holy Cross serves as an example of the benefits that can be derived by investing in a sound grounds management program. □

*Editor's Note: Bob Tracinski is the manager of public relations for the John Deere Company in Raleigh, NC, and public relations chairman for the Sports Turf Managers Association.*

## PRODUCT SHOWCASE

### Speed Wrenches



Stamos Tool has introduced a new full line of cast aluminum speed wrenches designed to fit all nub-style PVC fittings and most adapters. These wrenches outperform chain, strap and pipe wrenches by far and are designed to fit different sizes of coupling caps, bodies, unions, female and male adapters. Only minimal ground clearance is required and they work on all manufacturers fittings. Many of our customers have been extremely satisfied with the STAMOS PVC NUB WRENCH. Here are some of their comments: "Performed

admirably, exceeded my expectations by far." - John Gallager, Orange, CT; "Best irrigation tool improvement and innovation developed in quite some time." - Jim Hengel, NY. For further information call our toll-free number. Distribution Welcome.

#### Stamos Tool Inc.

P.O. Box 4548, Boise, ID 83711-4548  
(800) 554-1074

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### Marking Machine



The Jaydee Model 5000 is a fully featured, self-propelled, professional line marking machine. The engine powers a piston pump, providing mechanical agitation, and powers both rear wheels - it tracks a straight line under its own power. The constant 2-mph speed results in uniform line width & brightness as well as predictable marking material consumption.

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## Peter Selmer Loft Memorial Scholarships Awarded



The New Jersey Turf Expo in Atlantic City served as the appropriate setting to award 12 Rutgers University turfgrass science students the Peter Selmer Loft Memorial Scholarship Award.

This marks the eleventh year for these awards. The Fund, set up in memory of Peter Loft in 1983, is subsidized by royalty contributions from Lofts Seed, royalties from the sale of Tribute Tall Fescue and through private and corporate donations.

This years recipients were: Karen Plumley, Gary Gentilucci, Pedro Perdomo, Michael Ventola, Michael Holtman, Dirk Smith, Randall Prostack, Stephan Cronin, Joshua Honig, Wendy Hill, Tracy Bunting and Joseph Clark.

## Reform Ahead For OSHA

Labor Secretary Robert B. Reich stated at a news conference in January, that an agency with a \$300 million budget and 2,300 employees cannot police the nations 6 million employers. He promised to focus on the worst violators of workplace laws.

The OSHA reform bill, especially provisions mandating written health and safety plans and worker-management safety committees, would shift the agency's focus from government to the workplace. Joseph Dear, OSHA's new chief, is a proponent of "reinventing" government. He says the reforms are the only way to extend the reach and range of workplace safety under present budget conditions.

## Notre Dame Installs Fence Guard



The University of Notre Dame, South Bend, Indiana, recently installed OLYOLA Fence Guard, a protective yellow safety cap for the top of chain-link fences, at the Frank Eck Baseball Stadium. Fence Guard is designed to protect against injuries from chain-link fences. The vinyl safety cap makes conditions safer for outfielders when leaping for fly balls and also make it easier for umpires to make their calls. The high visibility color helps the players judge the distance between themselves and the fence.

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## Font'N-Aire



**From the City of Fountains. Models from 1/2-hp to 5-hp.** Font'N-Aire combines the beauty of a romantic fountain with the benefits of an efficient aerator. Nothing moves water like a propeller. AIR-O-LATOR® has been involved in propeller design and the technology of aerating since 1967. Font'N-Aire utilizes the Franklin® Electric submersible motor, which is water-cooled and water-lubricated. We believe we can honestly claim the most energy efficient fountain on the market.

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## The Cygnet System



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### Cygnet Turf and Equipment

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## Petry Elected President of STMA

Mr. Greg Petry, Superintendent of Park, Waukegan Park District, Waukegan, IL., was named president of the Sports Turf Managers Association at the professional society's Annual Conference and exhibition held in Baltimore, Maryland in November.

"I am extremely pleased and honored that the members have given me the opportunity to serve," said Petry. "I am looking forward to the coming year—the challenge of expanding member services and developing a strategic plan that will carry STMA organization into the 21st century."

Serving on STMA's board for three years, Petry brings nearly 15 years of sports turf related experience in parks and recreation, education development and programming and association leadership to STMA's top position. Petry founded the Midwest Chapter of the STMA in 1989, served on the Board of Regents for the National Recreation and Park Association, Midwest Institute

of Park Executives and is a past Director of the Parks and Natural Management Section of Illinois Park and Recreation Association.

## DowElanco and SePRO Sign Sales Agreement

DowElanco has sold A-REST™ plant growth regulator, Pipron™ fungicide, and Sonar™ aquatic herbicide to SePRO, inc., Carmel, Indiana. The decision to exit these niche market segments allows DowElanco to focus on key growth opportunities and new technologies, says Dick Holzschu, general manager of DowElanco Specialty Products.

SePRO was created recently by Bill Culpepper, a former DowElanco employee. All three products involved with the transaction remain available in 1994 through the current distributor network under SePRO labels. The agreement also grants SePRO exclusive distribution rights to Rubigan™ EC fungicide.

## Stetson University Using Reclaimed Water

Stetson University in Florida is now using reclaimed water to irrigate part of its 150-acre campus, a National Historic District. "We feel it is important from a conservation standpoint," said Graves Edmondson, Stetson vice-president for business and finance. "We are recycling wherever we can."

The City built a primary transmission main up to East Michigan Avenue, at the edge of campus, and Stetson is putting in the internal lines necessary to use it. The cost of the new lines is offset by the fact that Stetson will no longer have to maintain its pumps at the old well sites, which are expensive to repair or replace when they fail or are damaged by lightning. In addition, Stetson will save the cost of the electricity necessary to pump water from the old wells.

Reclaimed water is odorless and colorless; its quality is closely regulated by the state. The university's drinking water system, which uses city water, is completely separate from the reclaimed water lines, however.

# PRODUCT SHOWCASE

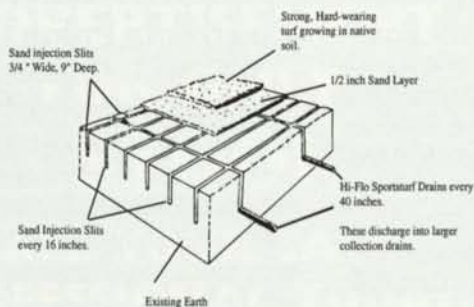
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# ROOKIES

inputs, hook up the coil on the pump starter and its done—one hour installation. It is designed to work with existing equipment wherever possible. It can coordinate one or more pumps from a central location or control pump operations at each pump house.

## **WATER WORKS IRRIGATION.**

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## **Fire Ant Bait**

Ciba Turf & Ornamental Products announces that Award® fire-ant bait is now available in a new one-pound jug. The newest Award package features the same pop-open shaker top as Award's popular three-pound jug in a size more convenient for smaller properties. The Recyclable plastic jug features a vertical handle, which simplifies pouring and triple-rinsing.

Award contains the advanced insect growth regulator fenoxycarb. Foraging

workers pick up the bait, deliver it to the mound and dispense it as food throughout the rest of the colony, including the queen(s). After the queen ingests Award, she lays eggs that will not develop into workers. In addition, female offspring will not produce viable eggs, preventing the start of new colonies.

## **CIBA TURF & ORNAMENTAL PRODUCTS**

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## **Field Groomer**

Gandy Company introduces an athletic field groomer with an efficient combination of scarifier, leveling blade and brush. Each feature can be used independently or in combination. The blade can be used to fill holes or low areas and the scarifier can be used to break up compacted playing surfaces. Depending on



model choice, the blade and scarifier can be raised or lowered individually by manual or electric lift. Brushes give playing surfaces or tracks a perfect finish. Designed as a pull-behind unit with a hydraulic or electric lift, it is ideal for use with most utility vehicles.

The Gandy Field Groomer is a time-saving, economical tool for maintaining safe, quality, athletic turf surfaces.

## **GANDY COMPANY**

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