

ROOKIES

PRODUCT UPDATE

INSECTICIDE

Steward™ biological insecticide controls *Lepidoptera* in turf without the applicator toxicity problems associated with other chemistries. With Steward, operators don't have to undergo regular cholinesterase testing related to organophosphates. A highly refined form of naturally occurring *Bacillus thuringiensis*, Steward is safe for all humans, pets, birds, bees and natural predator insects. Steward provides continual control of a variety of worms, including armyworms, cutworms, sod webworms and several varieties of caterpillars and moths for up to four days after application.

SANDOZ AGRO INC., TURF AND ORNAMENTAL

Circle 119 on Postage Free Card

MOWER DECK



Kubota Tractor Corporation's mulching, rear-discharge mower deck is compatible with Kubota's F2100 and F2400 mowing tractors. It features cutting widths of 60 and 72 inches and three 1-inch-diameter, heavy-duty spindles with two blades per spindle.

KUBOTA TRACTOR CORPORATION

Circle 120 on Postage Free Card

UTILITY TRUCK

The Columbia Utilitruck EU2000XB is built for heavy-duty material handling, landscaping, agriculture, lawn care, motels, airports and other utility uses. It has more than 20 cubic feet of cargo storage space with a payload capacity of up to 2,000 pounds. The narrow body design provides maneuverability in tight areas, and the rear axle is located directly under the payload area for added stability. The independent body and chassis design eliminates structural damage occurring from collisions. An optional cab enclosure is designed for easy installation and maximum visibility. All panels are molded from plastic to eliminate dents, rust and weight.

COLUMBIA PARCAR CORP.

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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 grass 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: Education through regional institutes and conferences; support for sports turf research; facilities tours; a national awards program; access to the STMA National Conference and 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!

Member Information

Name _____
 Title _____
 Employer _____
 Type of Business _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Fax _____
 Signature _____
 Referred by _____

Membership Category (please check one)

- | | |
|--|-----------------|
| <input type="checkbox"/> Professional sports turf facility manager | \$75 |
| <input type="checkbox"/> Additional members from same facility | \$45 |
| <input type="checkbox"/> Four-year colleges and universities | \$75 |
| <input type="checkbox"/> Additional members from same facility | \$45 |
| <input type="checkbox"/> Other schools, parks, ext. agents, municipal | \$50 |
| <input type="checkbox"/> Additional members from same facility | \$30 |
| <input type="checkbox"/> Student | \$20 |
| <input type="checkbox"/> Commercial affiliate (U.S. or International) | \$150 |
| <input type="checkbox"/> Additional members from same company | \$30 |
| <input type="checkbox"/> International other than commercial affiliate (must be in U.S. dollars) | \$50 |
| Total amount enclosed | \$ _____ |

Please enclose payment (check or money order) and send to:

Sports Turf Managers Association
 PO Box 809119
 Chicago, IL 60680-9119

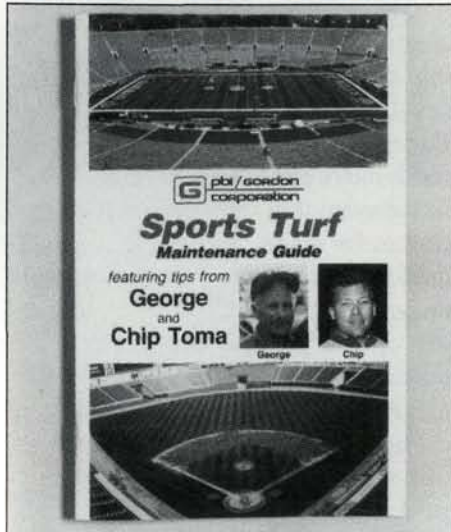
For more information, contact STMA Headquarters at 312/644-6610

— "Promoting Better and Safer Sports Turf Areas" —

ROOKIES

PRODUCT UPDATE

SPORTS TURF GUIDE



PBI/Gordon's Sports Turf Maintenance Guide features tips from noted Kansas City groundskeepers George and Chip Toma. The 32-page booklet outlines specifications and suggestions for mowing, watering, fertilizing and weed, insect and disease control as well as seeding, sodding, thatch and clippings management.

Full-color pictures show outstanding football, baseball, soccer and multipurpose fields developed and maintained by high schools, colleges, park systems and service clubs.

PBI/GORDON CORPORATION

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AERATOR

The Oxymax aeration system works completely submerged from the bottom of your pond, out of sight and silent. It uses the mechanical energy produced by an electric motor and directly couples it to a propeller water transport system, rapidly moving the oxygen-depleted water from the bottom of the pond directly and efficiently to the surface. There is no on-shore compressor. The Oxymax system is available in 1/2-hp, 120V and 220V motors, aluminum or stainless-steel motor housings, and 2.5- to 20-foot depth capability.

AQUA MASTER FOUNTAINS AND AERATORS

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DEEP SLITTER



The 4-foot Multislit has five slitting blades fitted to each of eight large diameter plates. The tine plates have a wide rim to reduce marking when working at full penetration. Six- or 8-inch sharpened slitting blades are available for use on fine turf areas such as golf greens, and 6-inch heavy-duty slitting tines are available for outfield turf.

The Multislit is fitted with intergrated pressure rollers with floating heads to follow ground contours, and additional weights may be added. A 6-foot model is also available.

SISIS INC.

Circle 124 on Postage Free Card

SEED GERMINATION MAT



Conwed Futerra® seed germination mats speed new grass growth while assuring superior water retention for seed hydration and reducing water runoff. Futerra mats bond to the soil to prevent seed migration and soil erosion. The bond Futerra forms with the soil surface provides shade, increases moisture retention and buffers newly planted grass from harmful temperature fluctuations.

CONWED ENVIRONMENTAL

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BROOM

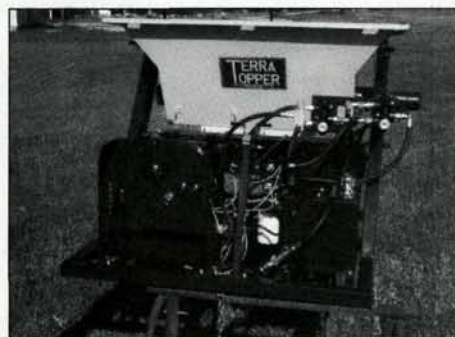
The York Broom model YB32 mounts to a standard category I or II 3-point-hitch tractor and requires a PTO running at 540 rpm. The YB32 is equipped with a reversible gearbox that allows the rotation of the brush to be reversed, permitting the operator to sweep in either direction of travel.

The YB32 is available in 6-, 7- and 8-foot widths and may be equipped with all polypropylene, crimped wire or a 50/50 combination of convoluted brush sections at no additional cost.

YORK RAKES

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TOPDRESSER



Terracare's skid-mount topdresser will fit on most utility vehicles. It is fully hydraulic, with a variable speed on the feed auger and the spinners. It is powered by an 8-hp Briggs & Stratton engine.

TERRACARE PRODUCTS COMPANY INC.

Circle 127 on Postage Free Card

CORE AERATOR

The Millcreek model 840 84-inch, 3-point-hitch coring aerator is built for use by schools, universities, golf courses and landscape professionals. It has individually rotating spoon wheels to reduce tearing-up of turf, a convenient top weight rack, and easy-to-remove spoon wheel sections. The aerator comes with 3/4-inch spoons, but it can be equipped with 1/2-inch spoons.

MILLCREEK MANUFACTURING CO.

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ROOKIES

PRODUCT UPDATE

DRY AND LIQUID APPLICATOR



The Course Air dry fertilizers, pesticides or seeds applicator use a stream of air for delivery. The optional liquid system allows simultaneous application of dry and liquids. Spread patterns and precise placement inside the Course Air's environmental shields are unaffected by wind. Fertilizers with delicate coatings can be applied without damage.

COURSE AIR

Circle 129 on Postage Free Card

REBOUND

Congratulations on the excellent article by Bob Milano in the June 1993 edition of *sportsTURF*. Mr. Milano's article, "Take a Systematic Approach to Irrigation Trouble-Shooting," was a pleasure to read and, in some ways, has vindicated me in the eyes of my peers.

Employed in the field of turfgrass irrigation for a central California school district, I am often approached by administrators, managers, teachers and coaches looking for a quick solution to "dry spot" problems. Often it is impossible to persuade these people that sometimes the problem is only a symptom of soil problems or a greater irrigation disease, that being one of overall system design flaws or improper initial installation. I have always subscribed to the adage that a sprinkler system is an interrelated and interdependent body, and that the whole system must be investigated in a systematic manner. It is so tempting in our profession to replace one

sprinkler head or perform the "quick fix" in order to please a multitude of individuals without contemplating the overall system effects.

One solution to the "broken-wire" syndrome which I have incorporated into all my design plans is to run additional color-coded ground and control wires through each valve box. The initial extra cost is minor compared to the alternatives. In the event that the wire break location cannot be found, a spare wire can be quickly and easily connected to rectify the problem. This is one alternative to opening up the ground and disturbing a playing surface and has saved time and money on more than one occasion.

Again, thanks for a very timely and well-written article. My subscription to your magazine has indeed been worthwhile, and it will continue.

Hayes A. Davis
Farmersville, CA

SCOREBOARD

CLASSIFIEDS

Classified Advertising Rates: \$55.00 per inch payable in advance. One inch minimum (about 50 words). Send copy with check for \$55.00 at least four weeks prior to issue date to: *sportsTURF*, 68-860 Perez Road, Suite J, Cathedral City, CA, 92234, or fax to (619) 770-8019. Blind box numbers are available. Special borders and rules will be billed at display advertising rates. Classified ads are not commissionable.

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