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- LIGHTS
- GATES
- PUMPS
- PARK VANDALISM

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For detailed information contact us today.



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Wherever Motorola sells, our product is backed by service. In the U.S., we have 900 authorized or company-owned centers. In addition, our products are serviced throughout the world by a wide network of company or authorized independent distributor service organizations.

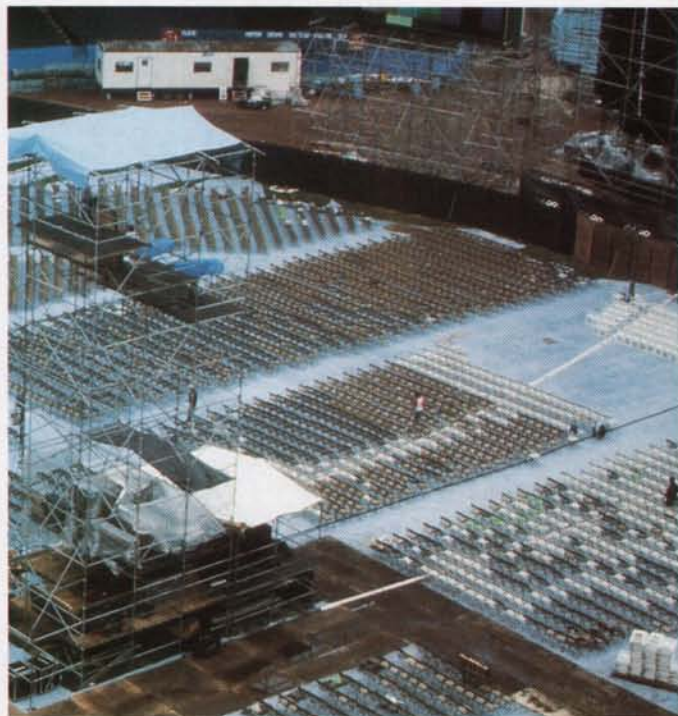


**MOTOROLA**  
ELECTRONIC COMMAND & CONTROL SYSTEMS

# Use Warren's® TerraCover™

**100% Polyester + Ground Blanket  
to cover and protect  
your natural or artificial turf.**

It *breathes* naturally . . . assures free passage of oxygen, carbon dioxide, water and some sunlight so turf stays healthy, beautiful and green.



**TerraCover™ . . . for entire Sports  
Fields and Stadium Turf Areas**



**TerraCover™ Bench Tarp for  
Bench Areas, Infield Areas, etc.**

**TerraCover™ is tough**, to withstand *heavy* traffic. Protects natural and artificial turf against crowd foot traffic, heavy portable grandstands, light towers, equipment trucks, trailers and TV camera runways.

**TerraCover™ is safe** because it replaces expensive, hard-to-handle plywood sheets and other materials that can smother, burn or crush natural turf.

**TerraCover™ also protects** *artificial* turf from being crushed . . . and from being damaged by cigarettes, liquid spills and other 'junk'. And, clean-up is easier and faster.

**TerraCover™ is easy to put down and take up** . . . can be ready for the crowds in far less time than plywood.

**Finally . . . here's a solution** for protecting turf against damage from the cleats of football and soccer players, coaches and others moving along sidelines and in team bench areas. Keeps coaches and players cleaner, dryer *and* happier.

**TerraCover™ Bench Tarps take only minutes to install.** The leading edge has polyester binding tape (lock-stitched in place) and grommets every 3 ft. that help hold it flat to the turf (you also set the team benches right on the TerraCover™ fabric). Each 16 ft. x 75 ft. bench tarp rolls up to an 8 ft. wide roll (custom sizes are available for pro football and other special requirements).

+Made from Trevira® (Reg. TM of Hoechst AG)

**"Wherever you put down roots, go with the PROs."**

**Warren's®**  
**TURF PROFESSIONALS**

7502 South Main Street, Crystal Lake, Illinois 60014

**Direct all requests for information to:**

Warren's Seed & Special Products Division

P.O. Box 459, Suisun City, CA 94585

Or call 1-800-828-TURF (8873). In California call 1-707-422-5100

Circle 130 on Reader Service Card

# ROOKIES

## PRODUCT UPDATE

### SPORTS LIGHTING



Get the most use out of recreational areas with low maintenance EKG luminaires. Extend the use of tennis courts, basketball courts, bowling greens and other outdoor sports facilities by hours per day with these easy-to-install lights.

Designed for installation ease and high light output, the EKG luminaire can be in-

stalled on a wide variety of pole and wall-mounted fixtures. A full line of complementary light fixtures is available, including bollards, low level flood lights, landscape and underwater lighting.

**KIM LIGHTING, DIV. OF KIDDE**

Circle 139 on Reader Service Card

Skinned areas can't be blamed for bad bounces and maintenance crew members feel like they are grooming the likes of Fenway Park.

**SMITHCO, INC.**

Circle 140 on Reader Service Card

### INFIELD MACHINE

Ten years ago Smithco modified one of its riding sandtrap groomers and sold it to the Boston Red Sox to dress up Fenway Park's infield. The Easy Rider, as they called it, would chop up any surface crust on the basepath mix, fill and level out any low spots and rake the surface smooth. With the machine, one person could groom the entire skinned portion of the infield in less than 20 minutes.

Professional teams aren't the only ones using riding infield rakes today. Parks and softball complexes with busy evening and weekend schedules are discovering the speed and labor savings of these machines.

### CORE PUSHER

Removing cores from golf and bowling greens after aeration has been simplified by the P-36 core pusher from Salsco. The motorized oscillating blade can windroll or collect cores on a 5,000 sq. ft. green in 20 minutes. Cores can then be picked up around the edges of the green. The 36-inch wide blade has a replaceable nylon edge and rides on four-inch nylon shoes. The machine has a differential for maneuverability and rides on pneumatic tires. The entire weight of the P-36 core pusher is less than 100 pounds.

**SALSCO WELDING & FABRICATION, INC.**

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## a new angle on turf aeration

**AerWay angled-tine aeration means lush, more vigorous turf for golf courses, playing fields, sod farms, cemeteries and parks.**

- Easy "hitch & go" operation; low maintenance
- Affordable price; minimal operating cost; saves on water and fertilizer
- "Shatters" and cultivates soil to 8" depth; leaves turf playable; helps prevent ponding

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Mixtures such as Athletic Pro® II,  
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For help with your toughest turf problems, contact us. Then we can show you more of our best work. Listening.

And answering with turfgrass mixtures that work.

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For Maximum Emergence  
And Seedling Establishment,  
Ask For

# APRON®

Treated Turfgrass Seed.



Apron Treated

Untreated

Apron, a systemic seed treatment fungicide, works on contact to control *Pythium* on the outer surface of turfgrass seed.

As the seed starts to germinate, Apron is systemically translocated throughout the entire growing seedling.

Since Apron systemically protects young plants from *Pythium* infection, you get maximum emergence and seedling establishment. This allows you more maintenance time for your green and tee establishment program.

After seedlings are established, it is recommended that you follow up with fungicide treatments of Subdue® to maintain *Pythium* control in turf.

Call your seed distributor and ask for Apron treated seed for all your professional turfgrass plantings.

**Gustafson** 

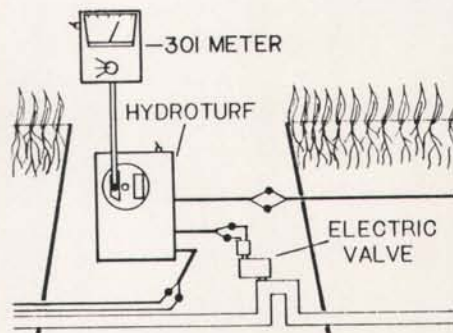
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## ROOKIES

### PRODUCT UPDATE

#### SOIL MOISTURE METER



The Hydroturf moisture control system gives the turf manager the ability to automatically override controller instructions to open valves in areas where the soil is sufficiently moist. The system consists of a soil moisture sensor buried in the rootzone combined with a controller and hand-held meter.

The moisture sensor sends its readings to the controller, which has adjustable water-on and water-off setpoints. The controller then interrupts the signal from the control clock to open a solenoid-operated valve at desired soil moisture levels. The hand-held, solid-state meter provides soil moisture readings when plugged into the controller.

The manufacturer says the sensor is not affected by changes in soil chemistry or fertilizers. The system can operate without a control clock to open a valve any time moisture levels fall below a set level. The hand-held meter and an override capability give the turf manager the ability to open or close the valve on site.

**HYDRODYNE PRODUCTS, INC.**

Circle 145 on Reader Service Card

#### AERO-SEEDER


Success with seeding depends on placing the seed in contact with the soil. Olathe's Model 37/38 Aero-Seeder does just that on bare soil or established turf. The 30-inch-wide unit cuts slits in the soil before placing the seed both in the slits and on the surface. A roller then presses the seed into the soil.

The slit seeder has dual level seeders to provide consistently even distribution of seed. The slitting unit can also be used for thatching and aeration.

The unit attaches to any 16-24 hp tractor with three-point hitch and 540 PTO.

**OLATHE MFG. INC.**

Circle 146 on Reader Service Card



# How to make your irrigation system accountable for its actions.



An increasingly critical part of turfgrass management is knowing precisely how much water your irrigation system is using.

Precise measurement is a necessary tool for the most efficient and economical use of your energy and water resources. And, it is your defense against

claims of over-watering. Yet, until recently, worn nozzles, changes in pressure, or inaccurate time settings could

make it impossible for you to calculate your actual flow.

But now, Data Industrial Corporation can provide you with a low-cost, easy-to-maintain way of accurately measuring the amount of water you actually pump.

Data Industrial Flow Meters and Flow Sensors are recognized for their quality. Which is why the irrigation industry's leading manufacturers now offer them as options on their most advanced central control systems.

For our free guide to effective water management call or write today.



Data Industrial Corporation, 53 Portside Drive, Pocasset, MA 02559 (617) 563-7196

# ROOKIES

## PRODUCT UPDATE

### BIG RIDER



To tackle the big jobs, the T16K/16HP rider from Ransomes hefts a powerful 16-hp Kohler gasoline engine with cast-iron cylinder block that promises dependable long-term service.

Out front, the 54-inch floating cutter deck cuts the grass before it can be compacted and neatly accommodates undulating terrain with its front and rear rollers. Single rear-wheel steering enhances maneuverability.

This big rider is ideal for parks, parkways, municipal grounds, cemeteries, campuses and golf courses.

#### RANSOMES, INC.

Circle 147 on Reader Service Card

### HEAT TOLERANT RYEGRASS

The breeders of Birdie II perennial ryegrass have taken the heat tolerance of its parent and improved its insect and disease resistance. The result is a practical turfgrass for athletic fields, parks and golf courses.

The heat tolerance of the improved ryegrass enables it to thrive in the North during the summer and in the South during the winter when overseeded into dormant bermudagrass. Birdie II can be seeded straight or mixed with other ryegrasses for overseeding. For general use areas it can be mixed with Kentucky bluegrass and fine fescues in a 1:1:1 ratio for seeding.

Leaf spot, brown patch, red thread and stem and crown rust diseases are less of a threat to Birdie II because greater disease resistance has been bred into it. During seed production, endophyte levels in the seed were raised to 80 percent to make the turfgrass undesirable for feeding bill bugs, sod webworms and chinch bugs.

#### TURF-SEED, INC.

Circle 148 on Reader Service Card

### LIQUID FERTILIZER

Slow-release fertilizers applied in the fall can make a big difference the following spring. Now these fertilizers are available in liquid formulations which are safe and contain a color indicator to help track application. Growth Product Professional fertilizers contain methylene diurea and water insoluble nitrogen to provide controlled release of nitrogen.

Methylene diurea is a molecule of urea combined with a carbon group. It breaks

down gradually according to soil temperature, moisture and microbial activity. There is no surge of nitrogen since the fertilizer breaks down at the same rate as the plant needs it. Leaching and evaporation are also reduced due to the form of the nitrogen.

The fertilizers are manufactured in liquid form so there are no undissolved particles to clog filters. They also do not contain any chlorides, carbonates or sulfates which can cause salt buildup or corrosion of equipment.

#### GROWTH PRODUCTS

Circle 149 on Reader Service Card

# SCOREBOARD

## CLASSIFIEDS

**CLASSIFIED RATES:** \$35.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Classified advertising is not commissionable. Ads using special borders will be billed at display rates. Blind box numbers are available. Replies to all box numbers should be addressed to SportsTURF, P.O. Box 156, Encino, CA. 91426-0156.

**REEL GRINDER.** Used EXPRESS DUAL reel grinder and Angle Master bed knife grinder. Both in excellent condition. Asking \$9,500

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## ADVERTISER INDEX

|                                       |       |                                |       |
|---------------------------------------|-------|--------------------------------|-------|
| Batrow .....                          | 27    | Lofts Seed Co .....            | 52    |
| Ben Meadows .....                     | 29    | Motorola, Irrigation Div ..... | 40    |
| Cal Turf .....                        | 28    | Newstripe Inc .....            | 38    |
| Carlson Ind. ....                     | 28    | Nor-Am Chemical .....          | 36,37 |
| Data Industrial .....                 | 47    | Northrup King .....            | 45    |
| E-Z Go, Div. Textron .....            | 16,17 | Olathe Mfg. Co .....           | 38    |
| E.F. Burlingham .....                 | 39    | PBI Gordon Corp .....          | 6,7   |
| Flexalon .....                        | 23    | Parker Sweeper .....           | 13    |
| Four Star Agricultural Services ..... | 21    | Plant Marvel Lab .....         | 35    |
| Green Care Int .....                  | 23    | Precision Plumbing .....       | 32    |
| Gustafson Chemical .....              | 46    | Rainmasters .....              | 18    |
| Holland .....                         | 42    | Ransomes .....                 | 5     |
| Hydrodyne .....                       | 22    | Stover Seed .....              | 29    |
| Irrrometer Co .....                   | 19    | Terracare Products .....       | 34    |
| Jacklin Seed Co .....                 | 11,49 | Toro Irrigation .....          | 3     |
| John Deere .....                      | 50,51 | Turf Merchants .....           | 2     |
| Lesco Inc .....                       | 15    | Warrens Turf Nurseries .....   | 41    |
| Little Mfg. Co .....                  | 27    |                                |       |



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*outshines them all.*

## **When you need color, density, disease and shade resistance, you need Eclipse.**

In a three-year study under natural shade of locust and cherry trees conducted by Virginia Polytechnic Institute, only Eclipse was rated best in shade performance each year of the test.

- Low-growing dwarf variety • Dark green • Disease and insect resistant • Great density • Shade tolerant. Eclipse truly outshines them all and is available only from these sources.

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HYDROSTATIC  
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Changing implements on a tractor is a lot of trouble. Whether you do it once a day, once a week or three times a season, it always takes up time that could be better spent on another job.

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It only takes five minutes, a pair of pliers and a pair of hands to attach a front loader or mowing deck.

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But this tractor doesn't stop there. It also saves you valuable minutes out on the job. Because features like two-pedal-controlled hydrostatic transmission and power steering make this one of the easiest tractors there is to run.