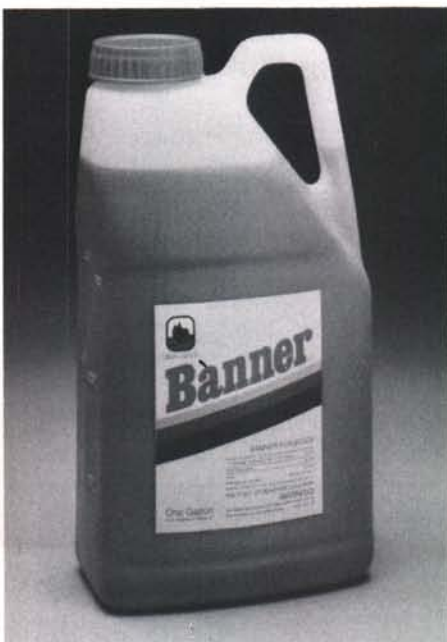


# ROOKIES

## PRODUCT UPDATE

### SYSTEMIC FUNGICIDE



The Environmental Protection Agency just approved registration for Banner, a new systemic fungicide for use on cool-season grasses. Tests have shown that Banner controls some turf diseases for up to 28 days and is effective on a broad range of disease organisms.

The systemic fungicide has been field tested for more than eight years. At regular label rates, Banner controls dollar spot, brown patch, anthracnose, red thread, rust, powdery mildew and stripe smut on cool season turf. At high rates it also aids in controlling leaf spot or melting out, when used alone or in combination with other fungicides in a regularly scheduled treatment program.

**CIBA-GEIGY**

Circle 133 on Postage Free Card

### LANDSCAPE DRAINAGE SYSTEM

A prefabricated, highway-grade drainage system provides more cost-effective landscape drainage than pipe. It is Drain-It, which combines high flow capacity, strength and durability with economical installation. It is designed for demanding professional use on building grounds, parks, retaining walls, bridge abutments, golf courses and athletic fields.

The product's high flow capacity results from the use of a multi-channel, formed polyethylene core covered by a tough polypropylene fabric to prevent clogging. The non-

woven, needle-punched fabric also allows water entry over 95 percent of its surface for up to 35-percent higher volume draw-down than perforated pipe.

Only one inch thick and weighing just eight ounces per square foot, Drain-It is easier to handle and install than pipe. Using standard trenching equipment, it can be installed quickly with a minimum of landscape destruction. Sections can be joined using only duct tape and a utility knife. The cost savings in labor and equipment are around 60 percent when compared to pipe installation.

Another key feature is the unique core crush strength of 8,000 psf, which easily withstands the pressures of backfilling and compaction during installation without loss of flow area. Both core and filter fabric are chemically resistant to ensure long-term durability. The product is available in 100-foot and 150-foot rolls, in depths of 6, 12, 18 and 24 inches.

**ATLANTIC CONSTRUCTION FABRICS, INC.**

Circle 134 on Postage Free Card

### TRACTOR-MOUNTED FLAIL



Deutz-Allis has increased the versatility of its 6265 tractor with a Twin-Power PTO option and flail mower attachments. By driving a single front-mounted flail unit with the front power take-off and two belly-mounted units with the rear PTO, the 65 hp tractor can mow a swath 18.5 feet wide.

The flail units can be attached to the tractor with few modifications. The company wants to show that, for the same price as a dump truck with sander, a city parks department, university or golf course can purchase a unit that can be modified quickly for mowing, sweeping, snow removal or dragging a baseball diamond. It is developing a front-mounted landscape rake and a rear-mounted vacuum-collection unit.

**DEUTZ-ALLIS CORP.**

Circle 135 on Postage Free Card

### POP-UP BUBBLER



Grounds superintendents can eliminate unattractive and unsafe risers around shrub beds with Toro's PC flood bubbler. It is the first nozzle that can be installed on a pop-up sprinkler, in this case the company's 570 line of pop-ups. At the end of the cycle, the bubbler retracts with the sprinkler into the ground to reduce visibility, vandalism and surface interference.

The PC flood bubbler assures an even flow of water from 30 to 75 psi with no effect on performance from lateral line friction loss. The bubbler is available in three flow sizes, ranging from .25 to 1.00 gpm.

**TORO IRRIGATION**

Circle 136 on Postage Free Card

### MOISTURE PRESERVER

Reduce moisture loss and stress in plants during hot or windy periods with Cloud Cover by Easy Gardener. The organic polymer emulsion coats the leaves and stems of plants to reduce the amount of moisture lost to evaporation. The coating, however, does not interfere with photosynthesis or exchange of gases.

Cloud Cover is designed to prevent water stress, not correct it. It may be applied to most plants to avoid sun scald, windburn, cold damage, transplant shock and dry-out caused by heating and air conditioning units located near plants. The glossy coating also enhances the natural beauty of plants. The liquid comes in ready-to-use or concentrated formulations, from 22 ounces to 55 gallons in size.

**EASY GARDENER, INC.**

Circle 137 on Postage Free Card

# ROOKIES

## PRODUCT UPDATE

### RIDING REEL MOWER



The Tri-King 1471 riding reel mower has been designed by Jacobsen engineers to provide efficient mowing of formal turf areas in an economical machine. A hydrostatic drive system and rear-wheel steering give the Tri-King maneuverability while three 26-inch free-floating reels impart a quality cut down to 3/8-inch. The reels automatically stop when the operator raises them with a foot-actuated hydraulic lift—and automatically start again when lowered.

The distribution of the weight over the front drive-wheels and rear steering wheel creates optimal hill climbing ability. Automotive-style drum brakes will hold the mower on a 30 percent slope. A direct-drive traction pump eliminates slippage, adjustment and replacement associated with belts.

The triplex mower's maneuverability and ease of operation enable fast, precise cutting of fairways, collars, tees and sports fields.

The mower is powered by a 14 hp Kohler cast iron engine with electronic ignition.

**JACOBSEN TEXTRON**

Circle 143 on Postage Free Card

### ARMYWORM CONTROL

Oftanol 2 Insecticide is now labelled for control of armyworms, fall armyworms and cutworms by commercial applicators on golf courses, industrial grounds and parkways. The product is recognized for its long-term effectiveness against surface and soil insects attacking turf.

The insects have been added to an existing list of pests. Surface insects on the label include sod webworm larvae, chinch bugs, billbugs, flea beetles and hyperodes weevils. Among the soil insects are white

grub larvae, bill larvae, crane fly larvae, mole crickets and fire ants.

The manufacturer recommends that the material be watered into the turf thoroughly after application.

**MOBAY CORPORATION**

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### REEL-TYPE IRRIGATOR



Almost any water source can be used by the Bauer Rainboy to irrigate more than two acres in a single setting. The sprinkler stand and the necessary length of hose are easily unwound from the reel trailer. As the unit operates, the hose pulls the sprinkler back to the reel. After completing a strip up to 500 feet long and 200 feet wide, it shuts off automatically.

One person can set up the Rainboy or prepare it for transport. Most small maintenance vehicles can pull it from site to site. The unit can be stored in an area 5 feet by 12 feet.

**BAUER USA**

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### SCOREBOARD CONTROLLER



A single solid-state controller can now operate any Daktronics scoreboard regardless of the sport. The All Sports 2000 is a compact, rain-proof controller that can be used to replace older, single-sport controllers. The unit comes with all new Dak-

tronics scoreboards.

The operator places an overlay for the particular sport on top of the sealed-membrane keyboard and enters a two-digit code to tell the controller which sport is being scored. A liquid crystal display prompts the operator through the initial set-up process and verifies all data that appears on the scoreboard.

The new console controls football, basketball, baseball and several other sports. It can also tie into shot clock displays for basketball. The simple keyboard and display help reduce scorekeeper error.

**DAKTRONICS, INC.**

Circle 146 on Postage Free Card

### GREENS AERATOR



Ryan has made so many improvements to its classic Greensaire II, it gave it a new name, the Greensaire 24. The new aerator is faster, has simpler maintenance procedures and its major wear parts have been beefed up for longer life and greater reliability.

The Greensaire 24 can cultivate an average green in roughly a half hour removing 36 cores per square foot in a two-inch by two-inch pattern. Four tine sizes, from 1/4-inch to 5/8-inch in diameter, are available to fit differing soil types and conditions.

Many major components have been redesigned to extend operating life and to simplify maintenance. Push rod bearings are now self-lubricating, the hydraulic system has been simplified and a new type of clutch and brake mechanism have been added. Bearing and seal designs have been changed to reduce friction and wear. The push rod and slide mechanism as well as the chain sprocket have been heat-treated and reinforced to extend their life.

Even an automotive-type muffler has been added to reduce engine noise. Finally, access to components for maintenance has been improved by the addition of a one-piece side panel.

**CUSHMAN-RYAN**

Circle 147 on Postage Free Card

# ROOKIES

## PRODUCT UPDATE

### FLAIL REACH MOWER



If the park, campus or golf course you maintain has a large amount of sloping roadsides, lake shore area or fences that require labor-intensive hand cutting, the Beaver Flail Cutter can increase your maintenance efficiency. Attached to any 20-35 hp compact tractors with category 1 three-point hitch and 540 r.p.m. PTO, the hydraulic arm and flail mower enable the operator to mow utility turf as far as nine feet from the tractor.

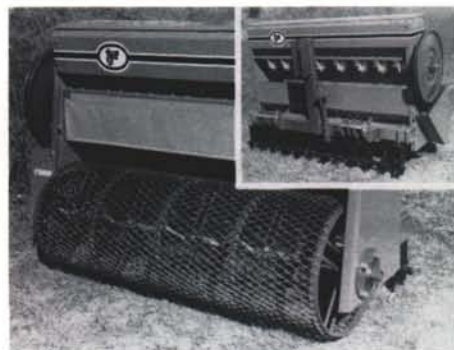
The cutterhead floats and pivots automatically with the angle of the ground. Safety brakes stop the cutting rotor within five seconds. Flail cutters are also less likely to eject material from the cutterhead than rotary machines.

Left- or right-hand models are available. The flail head is interchangeable with a sickle-bar head for trimming shrubbery and hedges.

**POLYMARK BEAVER EQUIPMENT LTD.**

Circle 138 on Postage Free Card

### LANDSCAPE SEEDER



The importance of overseeding to the density and condition of heavily-used sports turf is rapidly gaining recognition. The Tye landscape seeder can do the job quickly and provide a high percentage of seed germination.

42 *sportsTURF*

The seeder, available in either 48- or 64-inch models, meters the appropriate amount of seed through internal chutes into closely spaced grooves in the soil and then rolls the seedbed. An optional "star roll" scarifies poorly prepared seedbeds and penetrates surface crusts and thatch.

The machine is driven by the packer roller. It can be attached to any small tractor with three-point hitch.

**THE TYE COMPANY**

Circle 139 on Postage Free Card

### PORTABLE pH METER

Turf managers can obtain instant readings of soil acidity or alkalinity with Scotts' Model 100 portable pH meter. Turfgrasses and turf maintenance chemicals perform best in soil that is slightly acidic. Soils that become too acidic or alkaline can increase the cost of maintenance. Without a pH meter, the turf manager has to take soil samples, send them to a laboratory and wait for results.

The meter, less than six inches wide, has a heavy-gauge aluminum case, solid-state electronics and insulated circuitry to withstand conditions in the field. One set of batteries will provide nearly 300 hours of testing. The plastic-bodied electrode is less susceptible to damage than standard all-glass electrodes. All connectors and controls are conveniently located on the front panel for ease of operation.

**O.M. SCOTT & SONS**

Circle 140 on Postage Free Card

### COMPACT SPRAYER



The cargo beds of small turf vehicles and all terrain vehicles (ATVs) may be small, but

not too small for Dethmers' compact sprayers. Now an economical ATV can become more than a runabout by installing a preassembled spray system, including pump, tank, boom and hand-gun. Turf areas that were once too small for liquid programs can now be treated economically.

The compact sprayers feature polyethylene tanks from 10 to 55 gallons, electric diaphragm pump or gasoline-engine powered roller pump, custom mounting brackets, spray booms up to 21 feet wide, hose and hand-gun. The unit provides all the accuracy and convenience of large sprayers for smaller facilities, such as stadiums, grass tennis courts, bowling greens and small parks.

Spray systems provide turf managers with the ability to use products that are most effective in liquid form, such as foliar fertilizers, fungicides and postemergence herbicides.

**DETHMERS MANUFACTURING CO.**

Circle 141 on Postage Free Card

### RACE TRACK GROOMER



As the value of racing horses goes up, so does the importance of rock-free race tracks, training tracks and exercise areas. One rock hidden in the track dirt can cause a valuable horse to become lame. The Harley Track Sanitizer can remove the threat of a rock injury from a typical one-mile-long dirt track in under six hours.

As a tractor pulls the sanitizer forward, a strip of dirt is lifted from the track and fed by conveyor into a tumbler/screener which removes all objects larger than 1/2 inch in diameter. The processed dirt is then redeposited onto the track. The belts and tumbler are powered by the power-take-off from the tractor.

The Track Sanitizer eliminates scraping and hauling dirt from the track to a stationary screener and back. It is adaptable for grooming training ovals, paddocks, arenas or any other soft dirt sports surface.

**GLENMAC, INC.**

Circle 142 on Postage Free Card

# ROOKIES

## PRODUCT UPDATE

### GREENS AERATOR

Speed, weight and price were the main considerations when Classen designed its Greens-Pluggers aerators for golf courses. Superintendents can aerate up to 13,000 square feet per hour to a three-inch depth and a two-by-two-inch pattern with the Model 450 walk-behind unit. An eight horsepower Honda OHV engine powers the 24-inch-wide, 460-pound aerator.

Larger areas can be aerated efficiently with the PTO-powered Model 800-24. The pattern of the 48-inch-wide aerator is adjustable from two-by-four-inch spacing to two-by-one-inch spacing. Up to 50,000 square feet of turf can be aerated per hour at the wider spacing.

Both models feature low-maintenance components and design. Four sizes of tines, ranging from 1/4 inch to 3/4 inch are available.

**CLASSEN MANUFACTURING CO.**

Circle 150 on Postage Free Card

# SCOREBOARD

## CLASSIFIEDS

**CLASSIFIED ADVERTISING RATES:** \$40.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Send copy with check for \$40.00 at least four weeks prior to issue date to: Classifieds, sportsTURF magazine, P.O. Box 156, Encino, CA 91426. Blind box numbers are available. Special borders and rules will be billed at display advertising rates. Classified ads are not commissionable.

### GOLF COURSE REMODELING

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The classified section of SportsTURF magazine will be read by thousands of stadium managers, park superintendents, golf course superintendents, resort grounds managers, and university field supervisors.

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## ADVERTISER INDEX

American Irrigation Repair.....	20
Aquatrols Corp. of America.....	44
Ciba-Geigy Corp.....	6,7
Compco.....	26
Covers Unlimited.....	45
E-Z Liner.....	27
Finn Corp.....	46
Garfield Williamson.....	38
Gill Industries.....	22
Glenmac, Harley Div.....	27
Green Care.....	18
Hinspergers Poly Industries.....	2,3
Huber Ranch Sod.....	22
IPS Weldon.....	23
Jacklin Seed Co.....	31
Koeln Messe/Areal.....	13
Kuranda USA.....	23
Larchmont Engineering.....	20
Lesco Inc.....	47
Lofts Inc.....	48
McKee Enterprises.....	40
Newstripe.....	25
Oly-Ola Sales.....	12
Parker Sweeper.....	34
Partac Peat Corp.....	26
Plant Marvel Laboratories.....	41
Ransomes Inc.....	11
Southern Turf Nurseries.....	43
Terracare Products.....	21,25
Toro Irrigation Div.....	5
Valley View Specialties.....	17
Warrens Seed & Special Products.....	35
Yankee Turf Products.....	25