

# ROOKIES

## PRODUCT UPDATE

### STRIP DRAIN



The Lesco Turf Strip Drain is installed in narrow, two-inch-wide trenches in the soil, deep enough so that it will not be touched by aeration equipment. It intercepts water flowing through the root zone, shallow ground water, and surface runoff and directs it to a stormwater outlet. It is normally installed in a grid pattern to take advantage of ground slopes.

The Turf Strip Drain is composed of a high-density polyethylene core, covered by a non-woven, polypropylene, needle-punched geotextile fabric. It is one inch thick, four, six, or 12 inches high, and is shipped in 100-foot rolls. The core forms a multi-channel structure that provides high flow capacity while the cover fabric permits water penetration from all surfaces. It is resistant to fungus growth and inert to common acids found in soil. It can be used with natural or artificial turf.

**LESCO, INC.**

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seed yields while reducing turf establishment time.

The pregerminating bags provide durability and portability with minimum space utilization. Special features include an efficient aerating method that reduces fermentation; a screened drain plug for reduced handling and seed loss; and a capacity of over 50 pounds.

Pregermination provides a controlled germinating environment for faster turf establishment; reduced vulnerability to erosion; enhanced competitiveness against weeds; and protection against seed-consuming predators.

**LIQUID SOD, INC.**

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### PREGERMINATION BAGS

A new concept for pregerminating a wide variety of grass seeds has been introduced by Liquid Sod, Inc. The method increases



# ROOKIES

## PRODUCT UPDATE

### SPRAYER CONTROL



The MT-3000, from Micro-Trak Systems, Inc., is an electronic monitor/controller that provides information necessary for accurate spraying, in addition to positive control of a predetermined spray rate, regardless of changing turf conditions or vehicle speed. The system provides constantly updated digital readouts of acres covered, speed,

spray rate in gallons per acres, flow rate in gallons per minute, total gallons applied, and feet traveled.

Individual boom control switches are included on the console, plus a pressure gauge and a manual override switch for spot spraying. An exclusive delta adjust feature allows the operator to adjust the spray rate on the go, without stopping to reprogram the unit.

The MT-3000 comes with a stainless steel flowmeter, electric servo valve, installation hardware, wiring, and operator's manual.

**MICRO-TRAK SYSTEMS, INC.**

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bridges are available in four, six, eight, and ten-foot widths with clear spans up to 200 feet.

The prefabricated bridges are constructed of Cor-Ten "self-weathering" steel, which takes on a natural earth tone when exposed to the elements. The tough natural oxide resists scratches and graffiti. Minor damages are coated through additional weathering.

Bridges are shipped assembled and set in place with the assistance of DeBourghs engineers.

**DEBOURGH MANUFACTURING CO.**

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### PREFABRICATED BRIDGES

Town & Country steel bridges from DeBourgh Manufacturing are an alternative to built-in-place custom wooden bridges for golf courses. Strong enough to support 10,000 lbs. of concentrated loading, the

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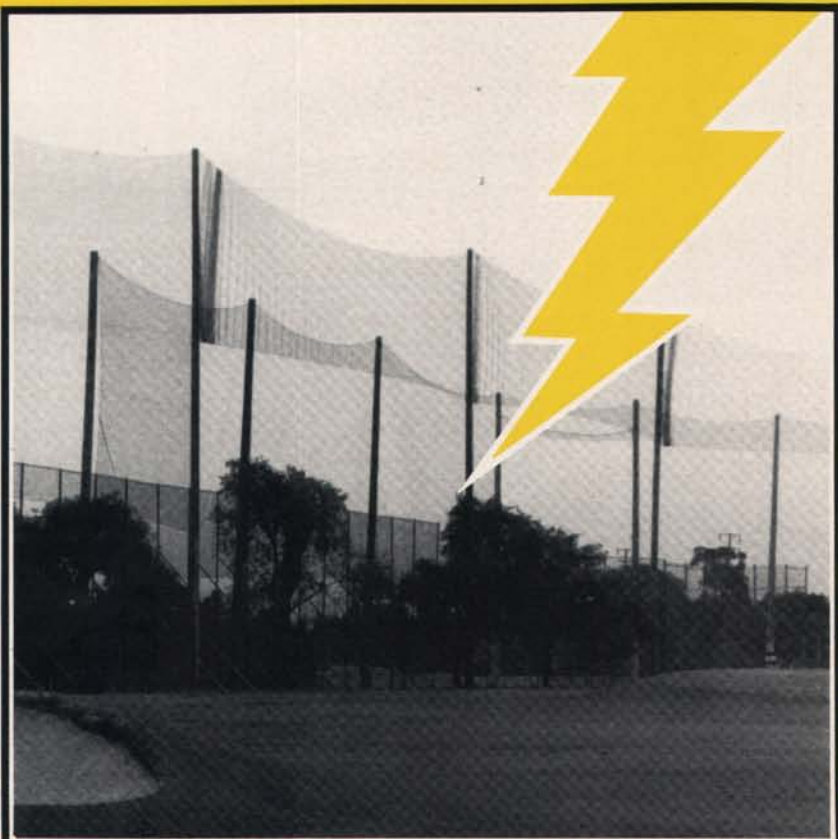
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# ROOKIES

## PRODUCT UPDATE

### BALL MARK WARNING DEVICE



The GreenSaver, a lightweight plastic and aluminum gadget that fastens to the flagstick on the green, is activated when the pin is lifted from the hole and placed at a 45-degree angle. A recorded voice advises golfers to "Repair your golf mark!" After the message is delivered, the voice does not reactivate until the next group of golfers arrives, approximately two minutes later.

"I've been a golf pro since the early 1970s," explains GreenSaver inventor Rick Whitfield. "I've been getting more and more appalled at the fact that people don't repair their ball marks."

GreenSaver can also be used to deliver other pertinent messages to golfers. Six different messages are currently available: "Allow faster golfers to play through;" "Review bulletin board in pro shop;" "Keep carts in the rough;" "Be aware that the green is sprayed with chemicals;" "Keep carts on golf path; and "Repair your ball mark!"

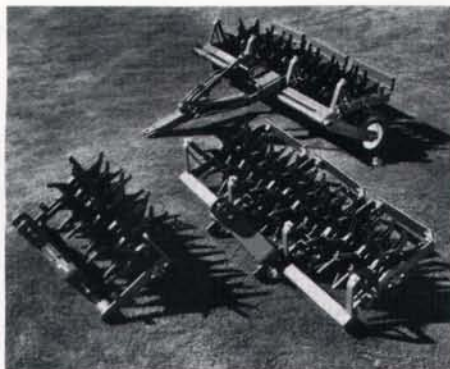
#### GREENSAVER

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### TURF AERATORS

Three turf aerators from The Toro Company each serve a distinctive purpose within general turf care, according to Ben Street, associate marketing manager of the company's Commercial Division.

Toro's Turf Aerator 686 is engineered with an independent double axis design, which allows this drop-pin aerator to respond to turf undulations. Three independent coring heads follow ground contours vertically and horizontally over uneven turf conditions.



Deep penetration is possible with 12 70-lb. castings spread across a 78-inch aerating swath. Tines are spaced six inches on center, and five different tine options provide versatility. Each tine is secured by a single bolt. Rear weights are available for aeration of highly compacted ground.

The Turf Aerator 687 has all the design features of the 686, but is designed for use with tractors that have a Category One, three-point hitch. The 687 allows for the same efficient aeration at speeds up to ten mph. However, the unit is shorter, narrower, and lighter than the 686.

With seven 70-lb. castings distributed over a 42-inch aerating swath, Toro's Turf Aerator 96 provides deep ground penetration. This smaller swath makes the unit ideal for smaller or heavily landscaped areas.

As with the other aerators, the 96 features a one-bolt locking system for tines. It can be drawn by a 16- to 24-hp tractor with a Category One, three-point hitch.

#### THE TORO COMPANY

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### TURF VEHICLE



Powered by an eight-hp gasoline, air-cooled engine, the Cushman GT-1 turf vehicle can carry up to 1,000 lbs. of cargo. The

vehicle features a fully-automatic torque converter with automotive-type differential that transfers more engine power to the drive wheels. The four-cycle engine burns regular gasoline, eliminating the need for oil-gas mixtures.

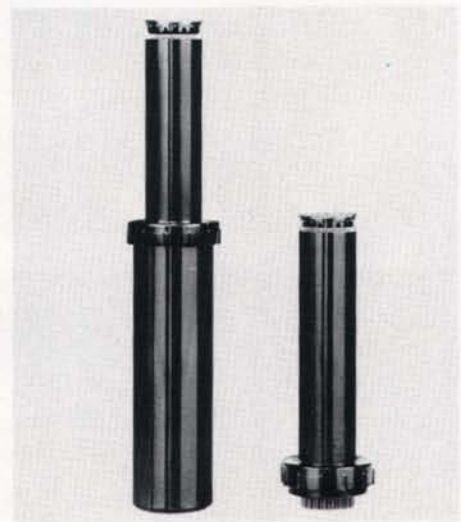
With a 19.5-foot outside clearance circle and an overall width of 45½ inches, the GT-1 vehicle is maneuverable in tight places. The cargo box is eight cubic feet, and available with a manual bed dump option.

The GT-1 can carry two people. The foam-filled operator seat, and leaf and coil spring suspension with front and rear shock absorbers, enhance passenger and operator comfort. The GT-1 body is constructed of 14-gauge diamond plate steel. Overall vehicle weight is 890 lbs. with standard pickup box.

#### CUSHMAN

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### ROTARY SPRINKLER



Hunter Industries has introduced the R-Type rotating multiple stream sprinkler for turf and landscape. It is available as a four-inch pop-up or shrub model.

The sprinkler radius and arc of coverage are determined by interchangeable arc cones, which are available in 18 different arcs from 30 to 270 degrees, in addition to a full circle. It is factory installed with 90°, 180°, or 360-degree arc cone. Odd arcs from 30 to 270 degrees are available in 15 degree increments.

The sprinkler offers matched precipitation rates ranging from .62 to .75 inches per hour with head-to-head square spacing, regardless of the arc cone used.

#### HUNTER INDUSTRIES

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# ROOKIES

## PRODUCT UPDATE

### BALE CHOPPER



A versatile 540 PTO version of the Goossen Bale Chopper is available with a standard flexible 30-foot placement hose. With this attachment the blower takes less than 60 seconds to chop and spread a bale for mulching in landscaping and nursery applications.

A 180-degree directional spout provides

easy application from the tractor seat at 35 to 45 seconds per bale.

A retractable bale carrier transports four bales, and a PTO trailer capable of carrying 25 to 30 bales at a time is available.

#### GOOSSEN INDUSTRIES

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### ABSORBENT POLYMER AND APPLICATOR

Hydro-Ganic is a scientifically blended combination of Hydro-Hold, a water-storing polymer, urea and humates, from Hydro Resources Southwest, Inc. Hydro-Hold is also available separately.

The humates, partially decayed and otherwise transformed organic matter built up or accumulated in soils, in Hydro-Ganic improve the workability of soils and help it retain water soluble fertilizers. The polymer can reduce required watering by 75 percent.

Hydro-Ganic should be spread evenly on soil or worked into its top four inches prior to laying sod, at a rate of approximately ten lbs. per 1,000 square feet. While watering requirements during the first two to three weeks after sod installation remain the same, water application can be reduced substantially after this period.

To facilitate the application of the Hydro-Hold product, Hydro Resources Southwest, Inc., has introduced 90- and 24-inch applicators.

The 24-inch applicator can be pulled by a 25-hp, four-wheel-drive tractor. It has a hopper capacity of 50 or 100 lbs. (with extension) and can apply material to a depth of six inches at a rate of 3/5 acre per hour.

The 90-inch applicator can be pulled by a 60-hp, four-wheel-drive tractor. It has a hopper capacity of 500 lbs. and can apply material to a depth of six inches at a rate of up to 3.5 acres per hour.

#### HYDRO RESOURCES SOUTHWEST, INC.

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# New

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# ROOKIES

## PRODUCT UPDATE

### IRRIGATION PUMP CONTROL PANEL



Hoover Pumping Systems has introduced a solid-state electronic control panel for pump stations.

The computerized control panel allows the user to receive detailed information on the performance of the pump station through a series of indicating lights outlining the source of a problem. Trouble shooting messages can scroll on a digital display, to guide the user in trouble-shooting the pump system.

#### HOOVER PUMPING SYSTEMS

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### GREENS MOWER

The Model 2243 riding greens mower from John Deere has an 18-hp, liquid-cooled V-twin engine. It includes three 22-inch reel mowers that are offset to reduce ground compaction problems due to daily greens mowing.

Because of the offset reel mower design, it's only necessary to change direction of

travel for the perimeter cut on alternate days. The tires roll across one section of turf one day, and another section the next day.

The mower features power steering, hydrostatic transaxle with two-pedal speed and direction control, twin fuel tanks for a full day's work, full-length unitized steel frame, simple service access, and electro-hydraulic control of the cutting units for sequential raising, lowering and mowing.

A single hydraulic pump powers all three cutting units, reducing the number of hydraulic lines and fittings. A common hydrostatic transaxle housing eliminates the need for hydraulic lines to the drive motors.

A dash-mounted monitor gives advance warning of engine, hydraulic, radiator or alternator problems.

A Greens Tender conditioner grooms the green ahead of the reels to help reduce grain and increase green speed without lowering the height of cut.

#### DEERE & COMPANY

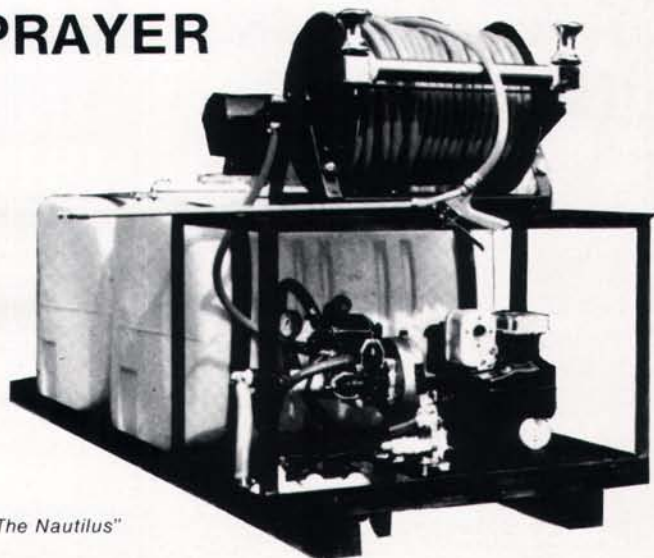
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# ROOKIES

## PRODUCT UPDATE

### CORE DESTROYER

In one pass, aeration cores are pulverized and turned into topdressing with the Core Destroyer attachment for the Cushman Front Line tractor. The attachment can cover more than 2 1/2 acres in one hour at a tractor speed of five mph.

Two 30-inch-wide reels with steel flail tines are powered by a hydraulic pump connected to the tractor's PTO shaft. Tine depth can be adjusted from one inch above the surface for pulverizing to 3/4 inch below for

verticutting. Tine spacing is also adjustable.

Flexible mounting links for the reels permit the operator to pulverize cores over uneven terrain or berms without scalping. A bedknife-type mulching bar and front deflector on each reel ensure full destruction of cores in one pass.

All adjustments can be made without the use of tools, including pitching the heads up for clean out.

**CUSHMAN DIV., OMC**

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# SCOREBOARD

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**CLASSIFIED ADVERTISING RATES:** \$45.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Send copy with check for \$45.00 at least four weeks prior to issue date to: Classifieds, sportsTURF magazine, P.O. Box 8420, Van Nuys, CA 91409. 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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