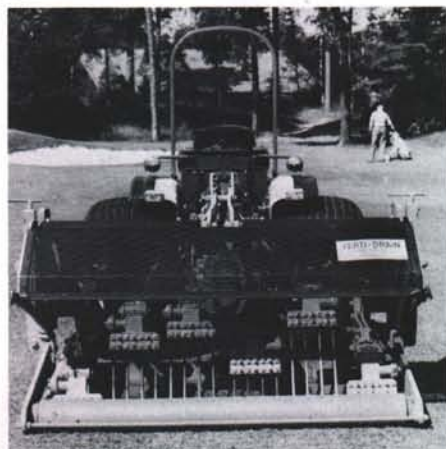


# ROOKIES

## PRODUCT UPDATE

### DEEP AERATOR



Turf growing on deeply-compacted soils can now be brought back to health with the Verti-Drain. The tines of the rugged aerator can extend as deep as 16 inches into the soil to relieve compaction and break through soil layers that block water percolation and root growth.

A patented design drives either solid or hollow tines deep into the soil where they pivot back and forth to lift and shatter compacted soil layers. The net effect is a softer soil with a proper balance of air and moisture. Some sports turf managers backfill the core holes with sand to amend heavy clay soils over a period of time.

The Verti-Drain is powered by a tractor with category I or II hitch and power-take-off. Up to four acres a day can be aerated with the unit. The depth of penetration can be adjusted from two inches to 16 inches.

**ENVIRONMENTAL MARKETING INTERNATIONAL**

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### FOUR-SEAT GOLF CAR



Golf courses will no longer have problems accommodating friendly foursomes now that OMC Lincoln has introduced the Cushman Eagle Golf Car, Model 556.

Similar to the Cushman Eagle utility vehicle, the Model 556 features four forward-facing seats and a roto-molded polyethylene bag holder that attaches to the back of the unit and holds four 10-inch golf bags. It also comes equipped with ball, tee and scorecard holders, four mounted beverage holders, space for shoe and sweater storage, and space for a beverage cooler behind the rear seat.

The vehicle is equipped with a 12.5 hp two-cylinder air-cooled gasoline engine, heavy-duty cast iron V-type clutch, and forward and reverse gears with a synchronized transmission. Top speed is 12-15 mph, depending on governor setting. The vehicle has a rated capacity of 1,200 lbs. It has a wheelbase of 57 inches and an outside turning clearance circle of 19-feet 8-inches.

Mounted on a heavy-duty carbon steel frame are rust-proof and dent resistant panels, made of reaction injection molded polyurethane. The unit has a maintenance free battery and a V-belt drive starting motor with pedal start. Brakes are hydraulic internal expanding on the rear wheel and hydraulic disc on the front, with a toe-actuated parking brake.

**CUSHMAN, OMC LINCOLN**

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### CORE COLLECTOR



Simplicity is the word that best describes the CoreMaster 12 Core Collector by Green-Care International. The heavy-duty metal collector glides across newly aerated turf behind the CoreMaster 12 aerator to gather all cores as they are produced. When the aerifier is raised at the end of each pass, the cores are automatically dumped for pick-up. When the aerator is lowered for the next pass, the collector is automatically reset to follow the contour of the turf, even in areas with severe undulations.

The core collector attaches to the aerator with only two bolts. The simple device

requires virtually no maintenance. It saves time and labor by combining aeration and core removal into one operation.

**GREENCARE INTERNATIONAL**

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### POST-EMERGENCE HERBICIDE

Image, a product of American Cyanamid, has been registered by the Environmental Protection Agency for control of purple nutsedge and other tough weeds in warm season turf.

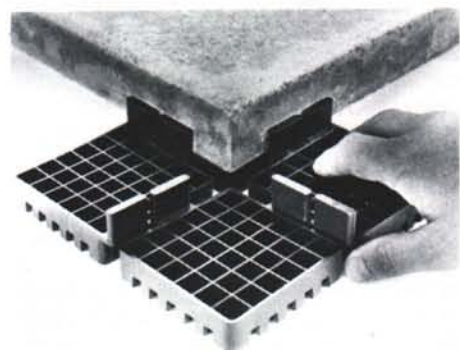
"Image is the only post-emergence product we've seen that successfully controls both foliage and roots of purple nutsedge, wild garlic and wild onion as well as suppressing yellow nutsedge," said Carl Tanner, business manager for Cyanamid Turf Product Group. "The liquid formulation is nonvolatile and can be tank-mixed with fertilizers and many other herbicides for ease of application."

This new herbicide is labeled for use on major warm season turfgrass species including bermuda, zoysia, centipede and St. Augustine. These turf species remained unharmed during seasonably warm temperatures in field tests across the South. It is environmentally sound and virtually non-toxic to humans, animals, fish, bees and birds when used according to label directions. It also shows little soil movement, laterally or vertically.

**AMERICAN CYANAMID**

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### PEDESTAL SPACER SYSTEM



Envirospec Inc. has introduced the Pavement Pedestal system for elevation, uniform spacing, and complete drainage of pavers on waterproofed deck areas.

# ROOKIES

## PRODUCT UPDATE

The four-squared pedestals are made of polyethylene with eight vertical spacing ribs on their upper surface to ensure uniform spacing and height while stones are placed in position. The pedestals can be subdivided into halves or quarters for paver-stone support of perimeter edge or corners respectively.

Easy and economical to install on water-proofed areas such as podiums, decks, arenas, roofs, and around swimming pools, these high-density spacers eliminate problems of material compatibility and weatherability. They are offered in two sizes of squares with base dimensions of 5½ and 7¾ inches.

**ENVIROSPEC INC.**

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Other attachments are available to convert the Turfcat into a snowblower, sweeper or scraper. One tractor and a variety of attachments can provide a grounds manager with an all-season tool.

**JACOBSEN DIV., TEXTRON**

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## HYDRAULIC VALVE-IN-HEAD



Superintendents of golf courses, parks, universities and schools can increase their control over irrigation with Rain Bird's valve-in-head hydraulic rotor sprinkler. The turf industry's first normally-open, valve-in-head, hydraulic rotor permits operation of individual sprinklers for precise watering of specialized turf areas.

Two models, the part-circle 47DH and the full-circle 51DH, have been engineered to stand up to a wide range of water quality conditions. The rotors feature a diaphragm valve with low pressure loss, an energy efficient "straight-through" impact rotor drive, a self-flushing valve seat and a high strength plastic case. The heads are designed for spacings from 51 to 80 feet, those typically found on multiple-row golf course systems.

**RAIN BIRD, GOLF DIV.**

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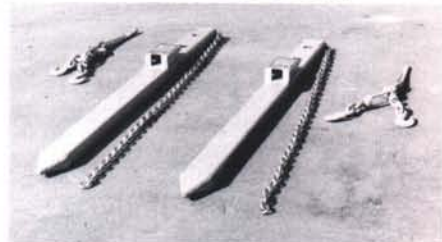
## OUT-FRONT FLAIL MOWER



The safety of a flail mower has been combined with the maneuverability of an out-front design by Jacobsen Div. of Textron. The Turfcat four-wheel mowing tractor features rear-wheel steering and is available with either 17 hp diesel engine or 21 hp gasoline engine. Both engines have three cylinders and are liquid-cooled for quiet operation and long service life.

Both flail and rotary cutting decks can be attached to the front PTO. Up to 26 acres of turf can be mowed in a single day with the optional 72-inch rotary cutting deck. Cutting height is adjustable from one inch to four inches. High ground clearance and hydraulic lift for the attachments enable the Turfcat to clear curbs without scraping.

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# ROOKIES

## PRODUCT UPDATE

### MINI-TRUCK



The engineers at Kawasaki had two primary objectives when they designed the Mule mini-truck. The first was to develop a small truck that could haul more than an all-terrain vehicle around golf courses, large institutional grounds and industrial centers. The second requirement was it had to fit in the back of a standard-sized pickup truck so it could be hauled from site to site without a trailer.

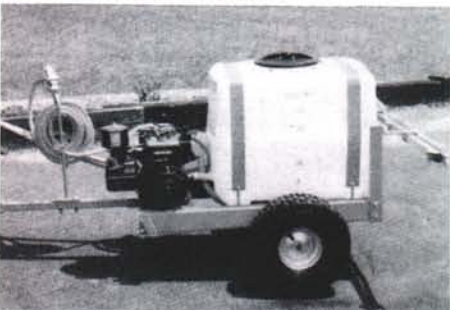
Both goals were achieved with the Mule, a small utility vehicle that can carry two passengers and a quarter ton payload. The truck is powered by a 27 hp twin-cylinder, liquid-cooled engine and features a belt converter transmission, an invention which eliminates gears and shifting developed for the snowmobile industry. Rack and pinion steering, four-wheel independent suspension and a low center of gravity give the Mule the toughness for off-road jobs.

A dual-mode differential allows one of the rear wheels to push the vehicle across easily damaged surfaces. The bed of the mini-truck is hinged to dump its payload.

**KAWASAKI MOTORS CORP.**

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### COMPACT SPRAYER



Landscape managers can spray turf, trees and ornamentals with the compact Mini Pro-Care Sprayer by Agrotec. The 50-gallon tank

sprayer, available in trailer or skid mount versions, is designed for professional and institutional use. A twin-diaphragm piston pump powered by a three hp engine delivers up to six gallons per minute of any type of pesticide or fertilizer solution at 275 psi.

With an optional "high-reach" hose kit and handgun the unit can spray trees 30 to 40 feet in height. The trigger-activated handgun can be converted from a fine mist to a solid stream with a twist of the wrist. A three nozzle, five-foot-wide boom kit is available for large turf areas. Quick coupler hoses 25 feet in length allow the operator freedom of movement. A reel kit is also available.

The sprayer can be mounted in pickup trucks or utility vehicles or towed with the addition of a wheel kit featuring six-inch, high flotation tires with a 34-inch-wide track for stability on rough ground. The unit is equipped with an eight-inch diameter fill-well for safety and convenience while mixing chemicals. All Mini Pro-Care sprayers come standard with a calibrated pressure control, gallonage indicator, antisplash lid, line strainer, suction line cut off, agitator, and clean out plug.

**AGROTEC**

Circle 137 on Postage Free Card

### ALL TERRAIN VEHICLE



The Metrac 3003K from Lely Pacific Inc. uses four wheels and a low center of gravity to operate all types of turf equipment on steep slopes and flat ground.

A 38 hp four cylinder diesel engine powers all four wheels as well as front and rear PTOs for attachments. Hydrostatic all-wheel steering combined with four-wheel drive provide tremendous maneuverability even when three-point, hitch-mounted implements are being used. The rear wheel steering can be locked for highway driving if desired. The Metrac comes standard with eight speeds both forward and reverse. Hydraulic servo brakes on all four wheels provide the stopping power needed on slopes.

The vehicle rides on 15-inch turf tires or

traction tires for slope work. A wide assortment of attachments are available for the standard three-point hitch in front and the optional three-point hitch in the rear. Front implements include a rotary mower, flail mower, cutter bar, auger, rake and snow plow. Rear implements include a spreader and vacuum.

**LELY PACIFIC INC.**

Circle 138 on Postage Free Card

### DRAINAGE GRATE



Grounds managers have a new ally in their battle to eliminate drainage problems in turf adjacent to running tracks, sidewalks and outdoor courts. National Diversified Sales introduces the Mini Spee-D Channel Drain, a 2½ inch wide by three inch deep channel that intercepts surface runoff before it reaches turf areas.

Available with a full assortment of fittings, the drain can be adapted to work with larger channels. Cover grates for the channels are available in gray, green, black, sand and brick red. As its name implies, installation of the three-foot-long sections of channel is fast and simple.

**NATIONAL DIVERSIFIED SALES**

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### FENCE POST SAFETY CAPS

Made of a rugged, weather resistant, white polyethylene, Hot Cap is the perfect alternative to flexible fence systems because it works with your existing fence posts. Designed to fit on a standard "T" post, the molded notch will provide additional stability along the top edge of a fence, reducing the risk of injury while helping to minimize lacerations and liabilities.

Inexpensive to install, it fits tightly to the top of a standard "T" post. Less expensive than ceramic insulators, Hot Cap is ideal for use around athletic fields, school yards, parks, and anywhere fencing is used.

**WINDSCREENS WEST, INC.**

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# ROOKIES

## PRODUCT UPDATE

### SPRAYING SYSTEM



Broyhill has built its 3030 Turf and Commercial Sprayer for tough duty. The rugged spray system features a complete assortment of pumps, spray attachments and mountings so turf and landscape managers can select a combination that's right for them.

All 3030 sprayers include a low-profile poly tank for maximum operator visibility. An eight hp Briggs & Stratton electric-start engine

powers a choice of diaphragm, piston or centrifugal pumps. The engine and pump are protected by a metal enclosure with locking access door. A one-inch, heavy duty stainless steel mechanical agitator keeps chemicals properly mixed during operation.

The spray system can be skid mounted on a pickup truck or adapted into a towable trailer. A full line of hoses, reels, nozzles, booms and walking booms provide the operator with the flexibility to do all types of turf and tree spraying using the same unit.

**THE BROYHILL COMPANY**

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### POSTEMERGENCE WEED CONTROL

Formulated to control oxalis and prostrate spurge, Chipco Buctril is a postemergent herbicide that can be used on established, newly seeded, and overseeded areas without damaging the turf.

This contact herbicide can be tank mixed

with 2, 4-D and/or MCPP for fast, effective, safe, broad spectrum weed control.

**RHONE POULENC INC.**

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### FUNGICIDE PACKETS

Applicator exposure to W. A. Cleary's systemic fungicide 3336 has been reduced to a minimum with premeasured water-soluble bags. There is no need for handling the fungicide during measuring and mixing. The applicator drops the appropriate number of bags into the water in the spray tank without being exposed to dust or fumes. The water quickly dissolves the bags in the spray tank.

The eight-ounce bags of fungicide eliminate the need for disposal of cans, bottles or bags after mixing. Cleary's 3336 is a systemic fungicide used to control brown patch and dollar spot diseases of turf.

**W.A. CLEARY CHEMICAL CORP.**

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