

## PRODUCTS

**Jacobsen** is offering a new hydraulically-driven vertical reel mower that interchanges with standard hydraulic fairway reel units. The mower cuts turf vertically to remove and control thatch



with vertical blade rotation opposite that of standard reels. More information on the mower is available in new literature available from the Jacobsen division of Textron.

Circle No. 145 on Reader Inquiry Card

**Clearman** has added a wobbling turbine head to its line of lawn and garden



sprinklers made of black sun-resistant nylon with only one moving part. The 5F series offers a maximum coverage of 44-ft. in diameter and droplet size can be controlled, resulting in flow rates from 0.5 gpm to 5.0 gpm.

Circle No. 146 on Reader Inquiry Card

**Deer-Away** has formulated a deer repellent in powder form. BGR Powder can be applied in dew and light rain because of a hygroscopic agent that absorbs the water and sticks tightly to the

vegetation. Deer Away Powder is registered with the EPA for repelling mule deer, white tailed deer, and Roosevelt elk. It comes packaged in 8 and 16-oz. shaker containers and five lb. bulk packages.

Circle No. 147 on Reader Inquiry Card

**Geerpres** is introducing a new line of professional sprayers made of high density polyethylene, galvanized or



Continues on page 56



### NEW SPRAY NOZZLES and ACCESSORIES From SPRAYING SYSTEMS CO.

#### NEW— QuickJet™ Nozzle Assemblies

A unique new system of quickly interchangeable self-aligning spray nozzles and spray tips. To provide choice of spray droplet size, in full cone, hollow cone and flat spray patterns. 3/4" NPT (M) inlet conn. Write for Bulletin 195.

#### NEW— Model 146 Directofvalve.

For remote "on-off" control of spray nozzles and booms from operator's location. Operates on 12 VDC system. Pressure range from 0 to 65 psi. 1/4" NPT (F) spray line connection. Write for Data Sheet 16108.

#### NEW— Model 244 Electrical Regulating Valve

For remote pressure control in agricultural spray applications. 3/4" NPT (F) inlet and outlet conn. Operates on a 12 VDC system. Pressures to 100 psi. Write for Data Sheet 16994.

#### NEW— 3/4" and 1" Nylon Liquid Strainers

Strainer head and bowl made of reinforced Nylon material for pressures to 75 psi. Threaded bowl can be easily unscrewed by hand. Write for Data Sheet 15353.

### SPRAYING SYSTEMS CO.

North Ave. at Schmale Rd., Wheaton, IL 60187  
Telephone: 312 665-5000 / Telex No. 72-8409

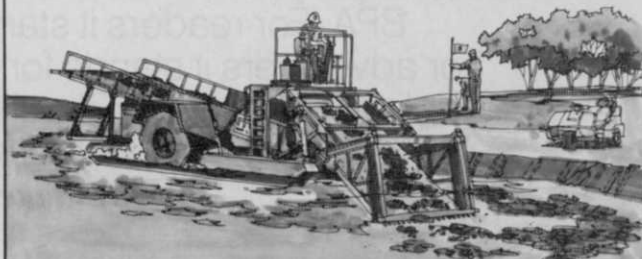
Circle No. 136 on Reader Inquiry Card

## Clean Up Lakes, Ponds, River Fronts.

New Aquatic Weed Harvester removes both floating and submerged weeds to restore natural ecological balance and preserve fish habitat. Two independently controlled paddle wheels resist clogging even in heavy golf pond weed beds... unsurpassed maneuverability even around marina docks. Floats in inches of water, permitting cutting close to shore. Rotating vertical side feeders direct weeds into automatic conveyor to keep cuttings from floating away. Easily trailered from pond to pond without damaging turf. Backed by Mud Cat's international reputation for reliability and ease of operation.



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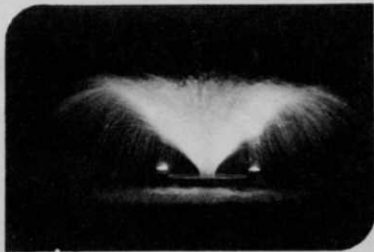


A Division of National Car Rental System, Inc.

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# OTTERBINE<sup>®</sup>

## Spray Sculpture Floating Fountains. Now you can clean up ponds and lakes naturally.



By day or night, these floating fountains help keep your water clean and odor-free naturally, and create a sparkling spray display that enhances the beauty of any surrounding. They are available in a variety of sizes and spray pattern designs, with optional Fountain-Glo lights.

Otterbine Creates Beauty . . . By Solving Problems

**OTTERBINE AERATORS**  
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Circle No. 103 on Reader Inquiry Card

PRODUCTS from page 54

stainless steel. Available in 1-1/2 and 3 gallon sizes, they deliver up to 60 pounds of pressure. Standard features are a pump with rod, and a 12- or 16-in. brass wand. Pressure gauge, Viton seals, 58-in. hose and nozzles are optional.

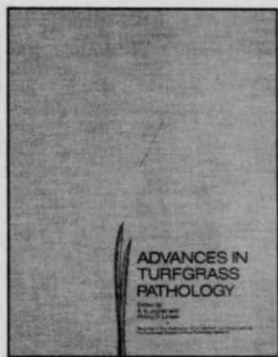
Circle No. 148 on Reader Inquiry Card

**BASF's** Agricultural Research Station has found that insulating glass greenhouse walls with an ethyl-vinyl-acetate copolymer incorporating a pattern of bubbles that provides air space be-



# Advances in Turfgrass Pathology

published by **HARCOURT BRACE JOVANOVIH PUBLICATIONS** in cooperation with **Dr. B. G. Joyner, Dr. P. O. Larsen and Chemlawn Corporation**



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- fairy rings
- leaf spot of Kentucky Bluegrass in Minnesota
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- turfgrass disease resistance
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tween glass, offers about 20% more insulation than conventional film. The sculptured film is made in double and triple deck versions and can be installed with tacks or adhesive.

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**Kubota** has introduced a 29-hp tractor equipped with a hydraulic shuttle shifting transmission. The L355 SS is powered by a four cylinder water-



cooled diesel engine with a transmission providing eight forward speeds and eight backward. Standard features include wet disc brakes, safety starting switch, hydraulic pump, swing drawbar, foot rests, fender handrail and hazard lamps.

Circle No. 150 on Reader Inquiry Card

**Vandermolen** has developed a heavy-duty model Diadem Brush



Chipper powered by a 18-hp twin cylinder engine. It offers a rotor design with 1/2-in. thick cutting knives that can handle limbs of up to 2-in. in diameter. The unit is compact enough to be moved by one man when detached from the towing vehicle.

Circle No. 151 on Reader Inquiry Card

**Flora and Fauna** has designed the Treetite bracing kit. According to the company, the brace fosters good root growth without wire or ropes that can

cut or slip off the bark. Treetite comes with an expandable strap-tie, that expands as the tree grows, cord and stakes.

Circle No. 152 on Reader Inquiry Card

**Ryerson** offers steel landscape edging for long straight lines or plastic Ezy-Lok edging for free form design. The steel can be used as a retaining wall for driveways, walks, terraces and for line



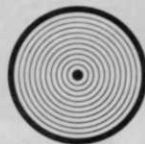
*Continues on page 58*

## You can't kill a weed by watering it!

Sometimes applying a herbicide only means watering the very thing you're trying to kill. Now Micron Corp. has solved the problem with the **HERBI** Controlled Droplet Application sprayer.

The **HERBI** is a revolutionary approach to the application of herbicides. It provides better, cheaper, easier weed control along fences, roadways, ditches, around buildings and structures. The secret is its rotary atomizer—a spinning disc which produces consistent 250 micron-sized droplets, for ultra low volume spraying, eliminating the need for high volumes of water. It gives exact and thorough coverage without run off, chemical waste, or over-kill.

The **HERBI** is lightweight—about 7 pounds. It's also extremely versatile, easy to use and, most of all, economical. It's time to stop watering weeds and start killing them... with the **HERBI**.



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definition around building perimeters. Available in 16 to 20-ft. lengths, it comes in several widths. According to the manufacturer, Ezy-Lok plastic edging resists weathering and soil acids and contains chemical inhibitors that prevent deterioration from ultra violet rays. It comes in 25-ft. lengths that can be locked together.

Circle No. 153 on Reader Inquiry Card

**Conwed** has published a brochure outlining the effectiveness of Hydro Mulch as a straw tackifier to promote turf establishment along roadways, strip mines, and building sites. The brochure cites independent studies that compare the product's performance to asphalt and the leading non-asphalt tackifier. Loading and application instructions are also featured in the pamphlet.

Circle No. 154 on Reader Inquiry Card

**Framar Industrial** has introduced a non-selective liquid weed killer to eliminate vegetation around fence lines, parking lots, railroad sitings and industrial sites. Recommended for non-cropland areas, the herbicide



should control a wide range of perennial and annual weeds. With the purchase of 20 gallons of the product, Framar is offering a free three gallon plastic tank sprayer.

Circle No. 155 on Reader Inquiry Card

**Southern Hydro Mulch Supply** is marketing a new soil moisturizer, Aqua Lox, for nursery, landscape, and seeding use. The product swells to

many times its weight when watered, to open air passages and maintain the moisture level. It can be used to protect plants in shipping and to aid in seed germination.

Circle No. 156 on Reader Inquiry Card

**Allis-Chalmers** has put out a bulletin describing its CD-5 chain drive tiller and the RT-5 rear tine tiller. Built for heavy duty work, the CD-5 has a sealed chain drive which runs in oil and is



fully protected from dirt and dust. The RT-5 has heavy tines to shred and mix stalks, mulch and green manure crops into the soil.

Circle No. 157 on Reader Inquiry Card

*Continues on page 61*

# CHIPMUNK™ BRUSH CHIPPER

**DEPENDABLE ECONOMICAL**

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Features found only on more expensive chippers are standard on the Chipmunk Brush Chipper. Rugged, all-welded trailer frame takes to any road or terrain. Efficient, gas-fueled, four-cylinder engine delivers all the power you need. Machined steel flywheel guarantees the maximum in chipping power. Exclusive triangular operator guide makes brush loading easier. Exhaust chute has a high-volume air blower to keep chips moving. Replaceable, super-hard, chrome-alloy chipping blades. Chip deflectors for discharging chips into truck or to roadside. Single, locking battery/tool box. Reflectors, running lights. Adjustable tow bar, safety chains and folding jack.



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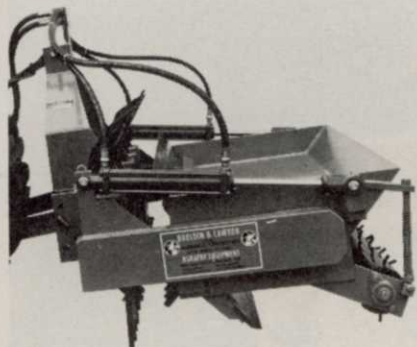
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**Bouldin and Lawson's** Ground Hogger is a multi-purpose landscape machine. According to the manufacturer, the machine performs many tasks: a clam-shell-type pickup moves railroad ties, poles and rocks; rippers



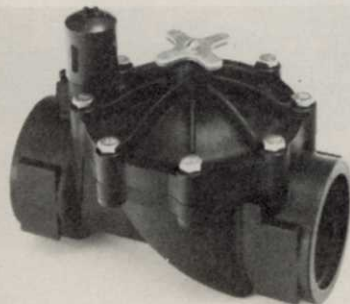
loosen up hard and compacted soil; a dirt mover self loads up to 1/2 yards of soil; curved blades level forward and backfill; and pulverizer and roller with two rows of spike teeth break up clods and level.

Circle No. 158 on Reader Inquiry Card

**Rain Bird** has offered the Model 1804 pop-up sprinkler with a four-inch height for unobstructed spray. A patented wiper seal cleans the stem as it retracts, keeping debris out of the unit. Extra-strength stainless steel retractor springs assure retraction even in sandy soils. Additional features include a filter screen under the nozzle and a fully open 1/2-in. threaded inlet to facilitate case flushing and speedier installations.

Circle No. 159 on Reader Inquiry Card

**Weather-Matic** is introducing a two-inch plastic control valve for Weather-Matic sprinkler systems with higher flow demand. The valve body and cover are made of durable glass-filled



nylon with stainless steel cover bolts with mating brass body inserts. It also features the Weather-Matic porting valve design that provides a constant flexing action to inhibit debris from blocking the valve function.

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## Simple, twin-lever steering on every HUSTLER model puts forward, reverse, turning, speed and braking control in the palm of one hand.

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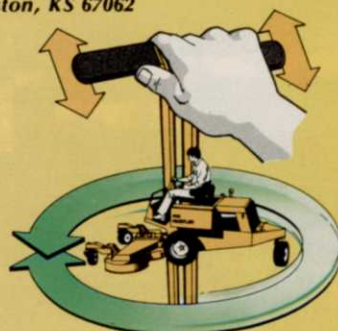
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