

# More precise holes. More precise rolls.

Shown with optional windrow.



Removes uniform cores up to 3" long



Shown with optional core processor.

## That's the Greensaire® difference.

Precision is the name of the game on the greens. When it comes to greens aeration, the name associated with precision has been the Ryan Greensaire aerator since 1958. The self-propelled Greensaire II for 1981 continues that tradition.

The tines of the Greensaire II cleanly penetrate the turf in an up-and-down motion, removing 36 cores—up to 3" long—from every square foot of turf. Yet the process is so precise that the holes it makes should not affect the true roll of a ball.

Powered by a tough 8-hp engine, the Greensaire II takes a full 24" swath and lets you aerate up to 8,000 square feet per hour. And, with four sizes of interchangeable tines, you can achieve precisely the amount of aeration your greens need.

What's more, by attaching the optional Core Processor, you can separate and collect the thatch, and return the soil as top dressing—all in one operation.

For the same precision in a smaller size, choose the self-propelled Greensaire 16. It offers the same choice of tine sizes, and can aerate up to 4,000 square feet per hour.

Healthy greens aeration. That's the Greensaire difference. To find out why the Greensaire is the ultimate in greens aeration, complete and return this coupon today.

81-CUR-1

**RYAN**  
TURF-CARE  
EQUIPMENT

*Day-In, Day-Out  
Performance.*

2026 Cushman, P.O. Box 82409  
Lincoln, NE 68501

### The Greensaire Aerators

Ryan, I want to see precisely what your aerators can do for me.

- I'd like a demonstration of the Greensaire II.
- With Core Processor attachment.
- I'd like a demonstration of the Greensaire 16.
- Send me your new 1981 catalog.

Name \_\_\_\_\_ Title \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

## Products from page 70

operator mows the lawn. When the aluminum mulch box is removed, it doubles as a utility trailer. A universal hitch on the PEU 3200 makes it usable on virtually any 14 hp lawn and garden tractor.

Mulch removal is easy with the self-latching and self-locking door and tapered box and trailer. With a slight pull on the lawn vacuum's handle, the mulch box tips up and the door automatically disengages and swings away.

**Write No. 703 on reader service card**

**An herbicide sprayer** made by Cibolo for one-person operation is called the "Swinglok." It applies bareground herbicides under guardrails, signs, and shoulders; sprays selective treatment in the right-of-way; and applies foliar and soil-active herbicides on brush. The system attaches to the front bumper of the vehicle and incorporates special design booms for versatility and flexibility. The spray swath consists of four 9-foot sections, and selective spraying can be done up to 36 feet in the row.

Two models are available: Model A sprays one herbicide solution in a single pass down the roadside. Model BS can spray two different solutions in separate operations either simultaneously or independently.

**Write No. 704 on reader service card**

**A hand applicator and herbicide** from Hopkins Agricultural Chemical Co. achieve bare ground vegetation control around building perimeters, along fence lines, and small parking areas.



The applicator has a spreader head with three openings that gives a uniform band of granular material 12 to

18 inches wide. The soil sterilant, Urox 5.5, is a free-flowing uniformly granulated product containing 5.5% monuron-TCA which comes in a 10-pound bag. It is best applied just before plant growth begins and should achieve vegetation control for at least eight months.

**Write No. 705 on reader service card**

**A chemical spray gun** with a 37-inch brass barrel, Super Spray, sprays the tallest residential trees. Three screw-on tips provide a pinpoint, medium, or broad spray pattern. The worm-gear control on the barrel allows fine flow control and prevents "water hammer" caused by sudden shut-off. Super Spray is a Bar-Spray accessory that connects to a 3/8-inch, 1/2-inch, 3/4-inch, or 1-inch hose.

**Write No. 706 on reader service card**

**Inductive antenna coil**, the Tracker II Cable, Wire and Pipe Locator, comes from Progressive Electronics. When

*Continues on page 74*

# go with the winners...

## the **SOLO** mist blowers

SOLO motorized low-volume mist blowers win the performance race every time. These 3- and 5-hp powerhouse backpacks are the most imitated mist blowers in the world.

They'll make you a winner, too, in agricultural or industrial use. They're ideal for plant protection and disease control, even in those hard-to-reach places.

- Human engineered to wear in comfort for hours. Center of gravity close to your back.
- Low RPM operation, even at full power, cuts annoying "whine" typical of other backpack blowers.
- Lightweight, corrosive-resistant, high-impact plastic frame over steel support.
- See-through tanks.

Write for free brochure or ask your dealer for SOLO.

SOLO INCORPORATED, 5100 Chestnut Avenue, Newport News, VA 23605  
Canada: Box 464, Burlington, Ont. L7R 3Y3

**SOLO**

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# Now the Cushman<sup>®</sup> Runabout

## Rolls up even greater savings.

Labor savings. Cost savings. All rolled up in one turf utility vehicle.

That's what the Cushman 18-hp Runabout is all about. And now, with 50% greater payload capacity, it can save you even more on those big turf jobs.

The 18-hp Cushman Runabout can mobilize a grounds maintenance crew of two, and haul up to 1,500 pounds of cargo. So your men can carry more equipment or supplies in the Runabout's standard 4 1/2' pickup box, saving trips from supply areas to the field.

The Runabout is a labor-saver from the word "go." Its wheel-type steering and tight 17' turning circle make the Runabout maneuverable and easy to handle. Special tires make it easy on turf, too—even under full load. And its 3-speed synchromesh (second and high) transmission and heavy-duty tubular steel frame make the Runabout about as reliable a turf vehicle as you can find.

Choose from a full-line of accessories too, like an enclosed cab, hourmeter and tool box, to make your Runabout even more versatile.

For even greater savings, the fuel-stingy 12-hp Runabout lets an operator handle 1,000 pounds of cargo with responsive

handlebar steering. And, like its big brother, this Runabout runs on regular gas, and is backed up by Cushman's worldwide dealer network.

To see how the Runabout can roll up savings for you, ask your Cushman dealer for an on-turf demonstration soon. Or complete and return this coupon, today.



81-CUT-2

## CUSHMAN<sup>®</sup>

### The Labor-Saving Turf System

**Cushman, tell me more about the Runabout.**

- I'd like a demonstration of the Runabout.  
 18-hp       12-hp  
 Send me your new 1981 Cushman Turf Catalog.

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

COMPANY \_\_\_\_\_ TELEPHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

1028 Cushman, P. O. Box 82409, Lincoln, NE 68501  
 Call: 402-435-7208

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MAY 1981/WEEDS TREES & TURF 73

# WATER PENETRATION AQUA-GRO®

YOUR KEY TO REDUCING SUMMER STRESS

Browned out turf on irrigated fairway  
Time - July  
Problem poor distribution of plain water



Same Fairway  
3 weeks after Aqua-Gro treatment.  
Same irrigation schedule no additional rainfall.

Aqua-Gro eliminates localized dry spots • Reduces hand watering and syringing • Reduces compaction, erosion and washout areas • Enhances drainage after summer storms, reducing closed days • Saves watering time and money • Maintains deep roots • Controls moisture in upper leaf canopy reducing chances for disease.

**AQUA-GRO is available in liquid concentrate or spreadable granular.**  
For free illustrated brochure call toll free 800-257-7797 or write to;



**AQUATROLS CORPORATION  
OF AMERICA, INC.**

1432 Union Ave., Pennsauken, New Jersey 08110 (609) 665-1130

Write 102 on reader service card

Products from page 72



placed on the ground in the vicinity of the suspected utility, the activated antenna will accurately detect it for reasonable distances. New models are available with built-in antenna coils or a program to retrofit existing Model 500C cases.

Write No. 707 on reader service card

**Pow-R-Wedge** chain saw-powered log splitter from Leeco has been changed and now features a new style wedge



design, a larger, 5-inch I-beam, and a new style, removable ram plate. In addition, the Pow-R-Wedge has a redesigned, reinforced pump sprocket and frame to leg bracing and carrying handles.

Write No. 708 on reader service card

**Portable mixers** by Nettco can handle most open-tank mixing applications. These gear-driven mixers have a gear reduction ratio of 5:1, which produces a 350 rpm mixing speed. They have very few moving parts and are equipped with standard C-face motors for off-the-shelf replacement; large, widely spaced bearings for maximum shaft support; and large diameter shafts that prevent whip.

Standard design variations are possible with a choice of horsepower in totally enclosed, fan-cooled, or explosion-proof motors. The motor housing and universal clamp are of heavy-duty cast aluminum.

Write No. 709 on reader service card



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

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And their sparkling spray displays may dramatically change the natural beauty of your ponds and lakes.

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**RATES:** 70 cents per word (minimum charge, \$15). Bold face words or words in all capital letters charged at 80¢ per word. Boxed or display ads charged at \$60 per column inch (one inch minimum). Agency commissions will be given only when camera-ready art is provided by agency. For ads using blind box number, add \$5 to total cost of ad. Send ad copy with payment to Dawn Anderson, WEEDS, TREES & TURF, 1 East First Street, Duluth, MN 55802.

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### USED EQUIPMENT

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**HI-RANGERS AERIAL BASKETS** 65', 57', and 53'. Skyworkers aerial baskets 65', 50', 40'. Vermeer stump cutter 1560, 6. Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers. Bean sprayer, 9 ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisc. 53226. (414) 257-1555.

**"18" RYAN SOD CUTTER**, with sulky roller, in excellent condition, original owner. Long Sod Farms, Jefferson, WI. (414) 674-2226. 5/81

**HI-RANGER BUCKET TRUCKS**, 54' and 51'. Flatbed and chip box mits - Merrill brush chipper. Allied Enterprises, Inc., W. 204 N. 11509 Goldendale Rd., Germantown, WI 53022, (414) 255-6161 anytime. TF

**FOR SALE:** Gandy 10 ft. spreader, excellent condition. \$700.00 (517) 627-2820. 5/81

**SKYWORKER BUCKET TRUCK** - Series 1045, 1971 Ford 700; Unit has all maintenance records, truck has good tires, body, and engine; 5 speed, PTO, hydraulic Fairmont saw, dump box, cabinets. VERY GOOD CONDITION. WOODS TREE SERVICE - Akron, Ohio (216) 644-2166 5/81

**SALE - 80' Arlo Crane** - excellent condition - no truck - \$7,000. Eastcoast Crane Inc. (201) 922 9393 5/81

Used spray trucks—Chevy, 750 gallon tanks, automatic hose reels, mechanical agitation. Limited quantity. Call (513) 845-0517. 5/81

Used Equipment. 7 gang Toro Fairway Mower, Ezee Flow Fertilizer Spreader, like new. Albany, N.Y. (518) 861-6454 evenings. 5/81

1978 JACOBSEN G-10 TRACTOR with 5-gang mowing unit. Excellent condition. Under 200 Hours. \$12,000.00 McCormick Properties, Inc., Hunt Valley, Maryland 21031. (301) 667-7741. 5/81

**FOR SALE:** 2-1979 Chevy Series 30 ¾-ton vans fully equipped with 200 gallon John Bean sprayers with 10 gallon per minute pumps, 400 feet of ½ inch supplex hose, and electric hose reels. Automatic transmissions, eight cylinder engines. Both vehicles under 11,000 actual miles - Guaranteed one year - Mechling Enterprises, Inc., 4041 Merriweather, Toledo, Ohio 43623. 1-419-882-8301. 6/81

**BEAN**—303-T Roto-mist sprayer and other sprayers. Rebuilt, A-1 condition, parts for all bean sprayers. Dealer—Lanphear Supply Division. 216-381-1700. 6/81

Surplus Tree Equipment: 100 ft. skyhook crane on '73 Chevrolet C-65. 1560 Vermeer stump, 16" 6 cycle M&M chipper, F-600 Chip Truck (1965), 52 ft Skyworker (1965). Call Eves: (617) 256-4450. 5/81

900 gallon Finn hydroseeder. Trailer mounted—includes reel. Excellent condition. \$8,500. Zionsville, Indiana. 317-873-5937 or 317-873-5231. George. 5/81

**FOR SALE:** '75 Fitchburg chipper 12" New blades. Good condition overall. Tucson Tree, Inc. (602) 888-7226. 5/81

**TORCO LAWN SPRAYER:** TF-500 Unit, 500 gal. Fiberglass tank, 300 ft. hose, Han-nay electric reel, Meyers 7420 pump, 7 h.p. Honda pony engine, factory mounted on 1980 1 ton Chevy 4-speed, 350 engine, 7,500 miles, excellent condition. Call (616) 698-9890 or write Nutri-Lawn, 2708 Foster, Grand Rapids, MI 49505. \$12,400.00. 5/81

**GIANT CHIPPER TRUCK** - 1971 Model 80 Chevy, 16 ft. steel dump box 7½ high & wide, 478 V-6 5 speed & 2 speed air & power, many extras - 41,000 actual miles, like new. J-M Enterprises, 9750 Michigan Rd., Carmel, IN 46032. (317) 293-5300. 5/81

**PRINCETON TOW BOY SOD HARVESTOR.** (Harvested 50 acres) \$9,000.00 (American) (604) 478-2355. 6/81

**FMC Model 304 Rotomist Sprayer.** Completely rebuilt - 1 year warranty. George F. Ackerman Co., 300 Mill St., Curtice, Ohio 43412. (419) 836-7735. 5/81

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**WANTED:** Working partner for established Washington D.C. lawn care business, only \$40,000 minimum investment needed. Write WTT Box 268. 5/81

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**WANT TO BUY OR SELL** a golf course? Exclusively golf course transactions and appraisals. Ask for our catalog. McKay Golf and Country Club Properties, 15553 N. East Street, Lansing, Michigan 48906. Phone (517) 484-7726.

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**TREE PROBLEMS**-Botanical, legal and appraisals. For directory of members of American Society Consulting Arborists in U.S. and Canada, write: Executive Director ASCA, 12 Lakeview Avenue, Milltown, N.J. 08850. (201) 821-8948. 6/81

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**START YOUR LANDSCAPING CAREER NOW!** Write: School of Landscape Design and Sales, Lake City Community College, Rt. 7, Box 42, Lake City, FL 32055. Fully accredited and V.A. approved.

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For Sale - Approximately 5 ton Dacthal 5% granular preemergent herbicide. \$25.00 per bag - All or any part - **Mechling Enterprises, Inc.**, 4041 Merriweather, Toledo, Ohio 43623. 1-419-882-8301. 6/81

**HYDRO-MULCHERS AND STRAW BLOWERS**. New and used. Southwest Hydro Mulchers, 13220 Jupiter Road, Dallas, TX 75238. 214-840-2440. 7/81

**FOR SALE**. Locke Mower—75 inch triplex. Good Condition! Best offer. **Newbury, Ohio**. 216-564-5352. 5/81

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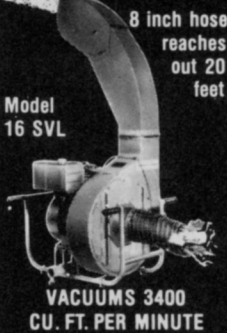
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