

PRODUCTS

Monsanto's Rodeo for aquatic weeds

Monsanto has introduced Rodeo, a broad spectrum aquatic herbicide for the control of emerged grasses, broadleaf weeds and brush growing in and around aquatic sites.

Rodeo offers effective control of more than 90 kinds of emerged grasses, brush and broadleaf weeds, no residual soil activity, no leach-

ing into nontarget areas and is non-volatile.

It is practically nontoxic to mammals, birds and fish and is biodegradable into natural products. It does not bioaccumulate in the food chain. It is essentially odorless and is completely miscible and mixes readily with water.

Rodeo has herbicidal activity on many annual and perennial grasses, broadleaf weeds, sedges, rushes and

woody plants. Rodeo can be used to effectively manage both emerged and floating plants as well as ditchbank or shoreline aquatic weeds. Rodeo is not effective on plants which are either completely submerged or have most of their foliage under water. Application rates vary, depending on the weed species and its stage of development. The stage of maturity of the weed species to be treated is a primary consideration for obtaining best results.

Circle No. 190 on Reader Inquiry Card

Olathe "CLEAN SWEEP" TURF SWEEPERS

MODEL 54 HIGH LIFT
LARGE AREA SWEEPER
SWEEPS A 5 FT. SWATH
AND COLLECTS
3 CUBIC YARDS
OF LEAVES, GRASS
AND DEBRIS.



Send for a free brochure.

MAKE A "CLEAN SWEEP" in '84 with an Olathe Sweeper.

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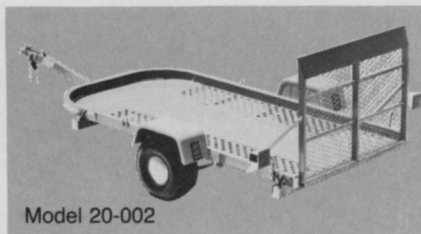
Seaman-Maxon offers pond lining machine

The Seaman-Maxon Company offers its soil stabilization machine to create hydrogeological barriers for pond liners. The machine mixes and stabilizes the pond bottom, usually using soil cement, and readies the material for compaction.

Where a rubber liner is needed, the soil stabilizer will reduce puncture points via its thorough mixing action up to 12 feet deep and seven feet wide per pass.

Snowco Utility Trailers

...now even more versatile!



Model 20-002



Model 20-006



Snowco

4386 McKinley, Omaha, NE 68812

Ideal for hauling grounds maintenance equipment, ditchers and other bulky, hard-to-handle items, the proven Snowco line includes eight flatbed trailers with loading ramps or tilt decks, plus a box bed trailer with tailgate.

The design of the popular ramp loading trailers—with perforated steel decks—has been improved for increased versatility. Three models are offered with capacities of 1,150 to 4,200 pounds.

Five tilt trailers with perforated steel decks are offered with capacities of 1,000 to 3,500 pounds.

The steel box bed trailer—capacity 1,200 pounds, is available with an optional canvas or fiberglass cover.

Please send Utility Trailer information.

Name _____

Organization _____

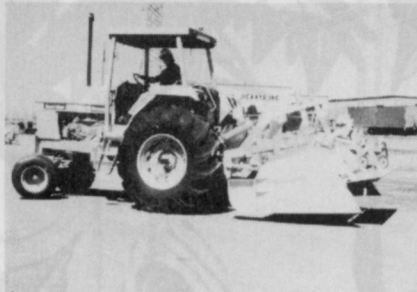
Address _____

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City _____ State _____ Zip _____

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Circle No. 177 on Reader Inquiry Card



Circle No. 202 on Reader Inquiry Card

Vermeer shows new TS-32S Tree Spade

Vermeer's new TS-32S Tree Spade is an economical unit designed to handle large volumes of shrubs and small trees (3 inch in trunk diameter) and



should be ideal for nurseries, tree farms, and various landscape operations. Tree ball capacity is 32 inches in diameter, 30 inches deep, and roughly 500 lbs. (depending on moisture content).

The 1,800 lb. unit features three heavy-duty steel spades driven by hydraulic motors through a chain reduction drive assembly. Hydraulic gate open, close, and lock is also standard. The TS-32S adapts to both loader and 3-point hitch equipped tractor.

Circle No. 203 on Reader Inquiry Card

3 or 4 wheels available on Cushman model

The 1985 Cushman Front Line Mower with 17-hp diesel engine can be ordered with either 3-wheels or 4-wheels. The 4-wheel Front Line is available as a factory-installed modification with extra wide 4 ply 23-8.50 X 12 tires on the front and 16-6.50 X 8 rear tires.

The 4-wheel Diesel Front Line still offers a zero turning radius with brake assist, making it one of the most maneuverable front rotary

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by Carl E. Whitcomb Professor of Horticulture, Oklahoma State University

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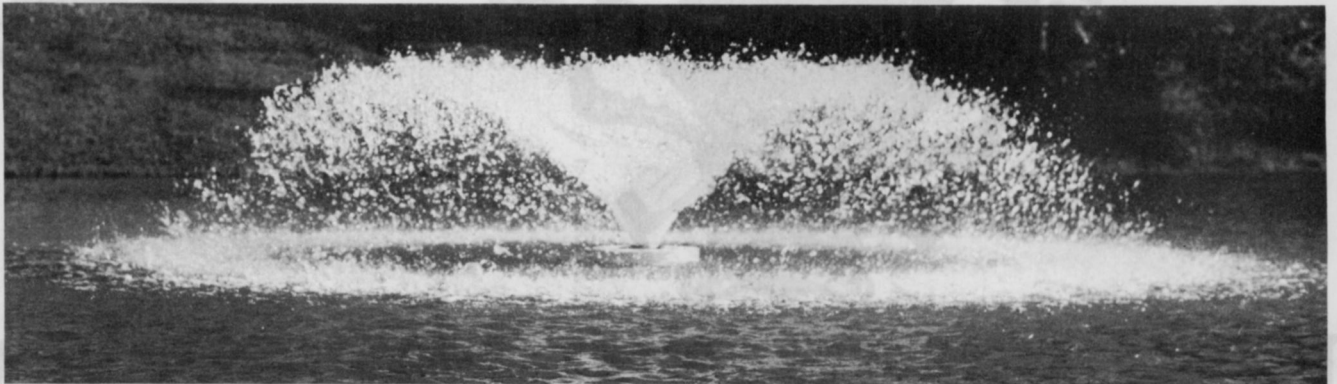
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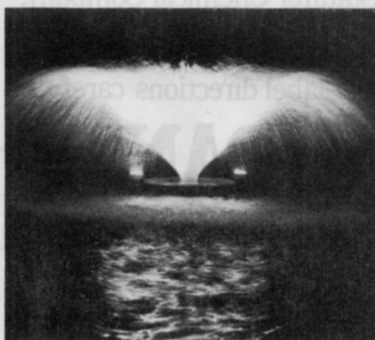
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OTTERBINE DAY OR NIGHT...SUMMER OR WINTER



OTTERBINE® Aerators can help you keep unsightly algal growth and objectional odors under control naturally. The fact that OTTERBINES also create beauty—is just one of the many benefits of using our Spray Sculpture™ Floating Fountains.

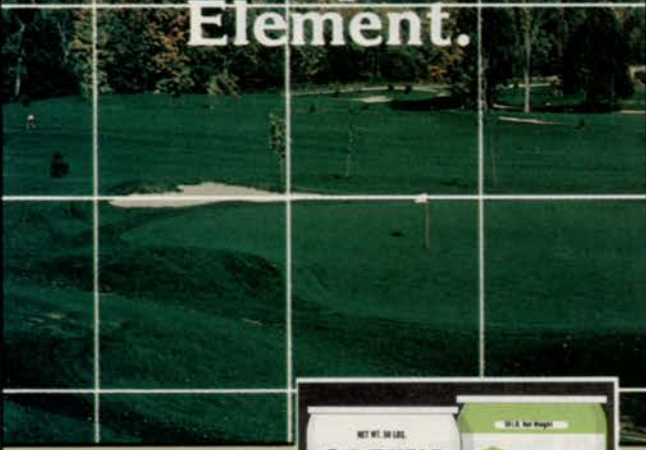
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Circle No. 107 on Reader Inquiry Card



Quality is Still the Most Important Element.



EVERY PROFESSIONAL KNOWS THAT QUALITY IS STILL THE MOST IMPORTANT ELEMENT IN ANY COMPLETE TURF CARE PROGRAM. Let's face it - low price is no substitute for poor product. Challenged by tough turf problems together with rising costs, you just can't afford to play games with products that don't perform consistently and economically. You need quality turf products you can depend on.



You need **COUNTRY CLUB** and **GREENSKEEPER PROFESSIONAL TURF PRODUCTS** from **LEBANON**.

COUNTRY CLUB AND **GREENSKEEPER** FERTILIZERS ARE OF THE HIGHEST QUALITY HOMOGENOUS GRADES MADE TODAY - GIVING YOU MORE FEEDING POWER FOR YOUR DOLLARS. What makes homogenous fertilizers better? Each pellet contains a chemically-balanced combination of N-P-K, regardless of the material's sizing and coverage. The plant root needs only to come in contact with one pellet to receive a balanced diet. Consequently, you get even element distribution.

WHATEVER YOUR TURF NEEDS, THERE'S A **COUNTRY CLUB/ GREENSKEEPER** PRODUCT SPECIALLY FORMULATED TO MEET THEM - ALL WITHIN YOUR BUDGET! Backed with over 35 years of extensive university and end-use testing, we offer you the most complete line of fertilizers and control products available on the market as well as a full range of S.C.U. blends and chemicals.

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EVERY **COUNTRY CLUB** AND **GREENSKEEPER** PRODUCT IS BACKED WITH A TOTAL COMMITMENT TO SERVE YOU BETTER. Our technically experienced staff is eager to assist you in solving turfgrass problems and will design a complete turf care program for you! Plus you're supported by **LEBANON'S** solid network of distributors throughout the country that ensure you of product availability and prompt service.

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LEBANON



LEBANON CHEMICAL CORPORATION
P.O. Box 180, Lebanon, PA 17042
P.O. Box 647, Danville, IL 61832

Circle No. 139 on Reader Inquiry Card

mowers on the market, according to Cushman engineers.

The diesel engine on the Front Line Mower is equipped with a Stanadyne water separator that takes up to 95 percent of the water out of the fuel to reduce repair costs from fuel contamination.

The 1985 diesel Front Line is also equipped with an overheat warning system that warns the operator if engine coolant temperature starts to exceed safe levels. A test button has been added, so the operator can



ensure the overheat system is functioning properly before starting work. A key switch system has been added this year, which activates an electric solenoid on the injector pump to shut the engine off, minimizing the chance of the operator leaving the key on and running down the battery.

The Front Line is also available with many accessories.

Circle No. 192 on Reader Inquiry Card

Speed control switch means reliability

All of Columbia ParCar Corporation's electric golf cars now come equipped with a solid-state speed control switch for reliable performance and extended life.

The new Softstart electric switch has an integrated circuit board that eliminates mechanical breakdowns



caused by speed switch contact burning and increases overall service life.

The Softstart speed switch also prevents drive train damage due to operator error. If the switch is acci-



The HUSTLER RANGE WING™ High Production Performance.

It doubles your mowing capacity at about half the price of competitive units.

The incredible HUSTLER Range Wing™ attachment maintains big acreage effortlessly. With three hydraulically lowered and raised heavy-duty decks spreading over 12-foot wide, you can cut a whopping 62 acres of turf a day. Each deck floats independently to follow the ground contour. The result is a smooth, uniform cut. A 10-foot single wing version is also available.

Combined with the HUSTLER tractor's dual hydrostatic drive and twin-lever drive wheel steering, the Range Wing™ performs with exceptional mowing maneuverability compared to large, tractor-pulled gang mowers.

With the HUSTLER Range Wing, you'll save time, money and operator fatigue while enjoying maximum productivity. The Range Wing, it's HUSTLER Tough and Built to Last.

GS-07S-10622



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In Kansas 1-800-362-1049

Automatic clutch disengages blades when each wing is raised. Tractor's drive wheels remain 4-foot up the bank when cutting around lakes and ponds for traction and control.



Excel Industries, Inc.
Box 7000 • Hesston, Kansas 67062

dentally turned from reverse to forward or vice versa the Columbia switch automatically allows the car to slow before changing direction, then it accelerates smoothly and evenly. This prevents drive train damage, burned turf from spinning tires and the sudden vehicle jerk typical with other systems.

Circle No. 193 on Reader Inquiry Card

Test kit for acid rain

Acid rain, snow, lake or stream water can be instantly measured for its pH value (acidity or alkalinity) by anyone, with Hellige 680-AR Test Kit. Ideal for environmentalists, survey teams, foresters, students, it is also practical for routine pH testing of water, wastes, process fluids, soil extracts, etc.

Tester also calculates treatment dosage of neutralizer needed to bring acid water back to recommended 6.5 pH level.

Priced under \$10, the portable kit is



a compact 5X4X2 inches and weighs 6 oz. There are no mechanical or electronic parts to go wrong. Comes complete with two harmless reagents, enough for 200 tests. Covers not only acid range, but entire acid-neutral-alkalinity pH scale from 1 to 11 in 16 steps.

Circle No. 194 on Reader Inquiry Card

Versa-Cart is lightweight, strong

A new multi-purpose utility cart that can carry loads up to 700 pounds and can be maneuvered by farm or lawn tractor or by hand has been developed by KCI.

The Versa-Cart System is made from two separate sheets of durable polyethylene, each vacuum-formed

← Circle No. 122 on Reader Inquiry Card

and sealed together. Cross-ribbed construction adds to the cart's strength. The Versa-Cart loads and hauls three times the volume of the typical wheelbarrow. Its unique V-shape helps concentrate the load so that the weight is distributed over the axle.



The cart can be operated by hand or can be attached with a tow bar to a farm tractor, lawn tractor or three-or-four-wheeler. It can be dumped with an unloading handle which is easily reached from most tractor seats.

Circle No. 195 on Reader Inquiry Card

Arbor Master 70, safe, dependable

Burkeon Manufacturing Company announces another quality underground product.

Burkeon, manufacturer of cable plows and trenchers for many years, is introducing the Arbor Master 70 Tree Spade.

This truck-mounted unit has six spades for easier ground penetration, a 4,500 pound root ball for less root damage and better tree livability. The six spades allow better holding of the root ball during ball and basket operations. The controls are simple to operate and are located for optimum visibility and safety.

Circle No. 196 on Reader Inquiry Card

New Hustler 250 for extra edge

Excel Industries has introduced the Hustler 250, a new hydrostatic, 18 hp, 51-inch utility-sized mower. The 250 features one-hand twin-lever steering, zero-degree turning radius, a unique forward-deck design, superior vacuum cutting action and the popu-

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lar convenience of rear discharge, making it possible to trim on either side of the deck.

"Because of its competitive price, commercial quality components and a two-year limited warranty on the entire unit, we're convinced that the 250 will become the standard by which other mowers in the 50-inch market will be judged," said Dave Welfelt, Excel Product Manager.

The machine is recommended for landscape contractors, apartment complexes, condominium develop-

ments, cities, cemeteries or any place where light commercial applications are required.



Like the rest of the Hustler product line, the 250 has dual hydrostatic drive for infinite control of speed and power for each drive wheel—forward and reverse. The direct drive wheel motor eliminates chains, sprockets and other high maintenance items that are subject to failure on other units.

The 250 has many other features and options.

Circle No. 197 on Reader Inquiry Card

Kees unveils 60-inch mower with sulky

F.D. Kees Manufacturing introduces a new 60-inch mower with a two-point, caster-wheeled sulky. The mower is powered by an electric-start, 16-hp Briggs & Stratton engine.

The baffled underdeck design provides for a clean and safe discharge. Also featured on the 60-inch mower are: a cam-activated pulley which maintains constant belt tension under light and heavy loads, two six-inch scalp prevention rollers, fingertip controls, and a four-gallon fuel tank. The sulky detaches easily for difficult side hill cuts or loading the Kees 60-inch mower on and off truck beds.

Circle No. 198 on Reader Inquiry Card

Rain Bird introduces low cost controller

The new RC-7i irrigation controller by Rain Bird Inc. offers flexibility and reliability in a low cost, indoor mounted unit.

Designed for residential use, the electro-mechanical seven-station controller features a 14-day calendar dial, 24-hour clock, master valve/remote pump start capability, and master on/off switch, all in a rugged thermo plastic cabinet. The RC-7i allows up to 23 automatic starts per day. Station timing from three to 60 minutes allow for maximum versatility in irrigation scheduling.

The RC-7i uses a convenient external plug-in transformer and has a multi-valve capacity of two Rain Bird 24 VAC solenoid valves.

Circle No. 199 on Reader Inquiry Card

Elanco announces new lawn, garden products

The Elanco Company introduces a new line of lawn and garden products for 1985, including: Spike 20P, loaded in a five-pound dispensing container and delivered in a measured quarter-ounce pellets. The five-pound container is enough to kill brush and keep

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Delight in the humor of Bob Hope and the sweet melodies of Lynn Anderson at an informal dinner show. Thought-provoking seminars and social activities are being planned for guests.

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Discover more products, more food, more phones, more hotel rooms, more convenience. Louisville means hospitality and travel value. Daily food and lodging costs average \$25 less than Atlanta and \$45 less than Chicago or New York.

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REEL**

Are you still manhandling clumsy spray hose? Hauling, dragging...stopping to fight kinks and tangles? Get Hannay Reels and put spray hose in its place.

- Pay out smooth and easy. Wind up straight and fast.
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Specify Hannay Reels for all your spraying operations. Write for your FREE Specification Catalog today.



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it out of a 22 sq. ft. area for three years or longer.

-Spike Treflan 6G, available in 50-pound bags and designed for low cost, bare ground weed control.

-Sprayable Surflan herbicide, for full-season control of annual weeds, crabgrass, goosegrass, and certain broadleaf weeds in established Bermudagrass turf.

-The new quart size of Treflan herbicide for long-lasting weed control in ornamentals, flowers, and vegetable gardens.

-And new Elanco XL, for extra-long lasting weed control for annual grass in warm-season turf.

Circle No. 200 on Reader Inquiry Card

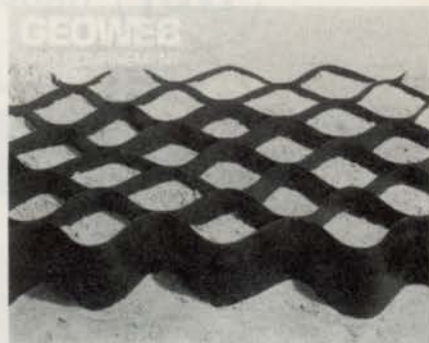
GEOWEB helps with landscaping needs

Presto Products Inc. has introduced two products for the professional landscaper—the GEOWEB Grid Confinement System and GEOBLOCK Landscaping System.

The GEOWEB Grid Confinement System is an expandable honeycomb structure used to confine cohesionless or unstable soils, sands or gravel.

Developed by the U.S. Army Engi-

neers Waterways Experiment Station and Presto Products, Inc., this system is simple to install and extremely durable. A space-saving 11-foot X 5 X 8 inch shipping size expands to an 8-foot X 20 X 8 inch size in use.



GEOWEB has been used successfully to build roads, control erosion, construct boat ramps and to construct barrier walls.

An alternative to hard surface pavements, GEOBLOCK Landscaping System supports pedestrian and vehicular traffic while maintaining a thick cover of grass.

Made from lightweight, high strength, reinforced plastic, the interlocking GEOBLOCK System creates a



Circle No.
131 on
Reader
Inquiry Card

Premier Cut

Buy the 1985 Turf King at the rollback price!

Cash in on the current Turf King rollback to the 1981 price, while enjoying all the latest features: Power-driven reels; hydrostatic traction with foot-operated treadle to match mowing speeds to terrain; $\pm 25^\circ$ vertically articulated reels for a smooth, quality cut; a 14-hp, cast-iron engine; hinged hood for easy service access; and a cushioned seat and fixed sulky for a secure, comfortable ride.

Turf King... in 76-inch and 84-inch sizes. For a premier cut. Available only at your participating Jacobsen Distributor. Offer expires August 1, 1985.

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**JACOBSEN
TEXTRON**

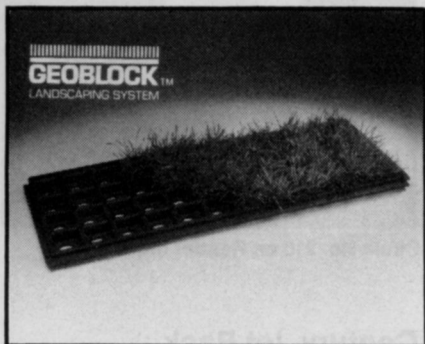
Jacobsen Division of Textron Inc.

Engineered from the ground up.

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strong, flexible pavement which is being used for access roads, parking lots, footpaths and golfcart paths.

Available in heavy duty 36 inch X 12 inch X 1 1/8 size, each three square



foot area block installs quickly with only normal site preparation. This unique block can easily be cut with a hand or power saw to custom fit around contours or obstructions.

Circle No. 191 on Reader Inquiry Card



Small Ford tractors with hydrostatic drive

A foot-controlled hydrostatic-drive transmission is now available on Ford Tractor's new yard tractor (shown above), lawn tractor, and lawn and garden tractor.

The foot pedal is located on the right side and permits easy shifting. A hand-operated speed control lever maintains the forward speed setting with the foot removed.

The speed control can be overridden by the foot pedal and will return to the preset position when the pedal is released. The control lever can be released either by hand or by stepping on the brake pedal.

An all-new optional 48-inch three-blade side discharge mower (in addi-

tion to the 42-inch mower) also is available on the yard tractor.

Circle No. 207 on Reader Inquiry Card

National updates Model 84 mower

National Mower Company's "flagship" Model 84 triplex reel mower offers several new options and refinements for 1985, including a foot-operated disc brake and the choice of either a 12-hp Kohler electric start engine or a 10-hp Briggs & Stratton.

The Kohler-equipped model comes with a three-gallon gas tank positioned between the engine and steering post for improved operating visibility, and a dashboard with voltmeter, hourmeter, and remote choke lever. A heavy-duty, front-mount bumper protects the engine. The battery is now placed at the rear axle.

With either engine-equipped Model 84, the user may opt for five or six-bladed reels; bushing or Timken rollers; and a high-speed reel kit.

MODEL 12 P.T.O. CHIPPER

**PORTABLE
DEPENDABLE
ECONOMICAL**

- Less than 1/2 the price of equal capacity chippers
- Fits most tractors from 25 to 100 H.P.
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- Folding feed apron & chute for easy transport

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Originality of concept sets the . . .

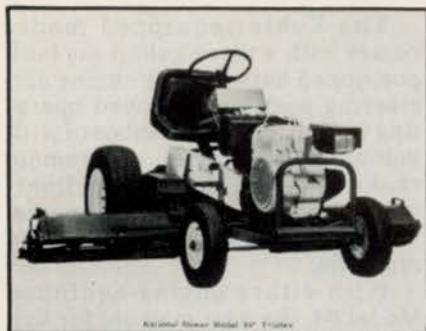
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Meets ANSI recommendations
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Change knives in 15 minutes—uses 20 to 30 percent less fuel—easy, low cost maintenance

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Circle No. 156 on Reader Inquiry Card



Circle No. 208 on reader Inquiry Card

Durasnap can solve tee, pipe problems

The Durasnap can speed installation of riser tees, reduce cost of adding tees to existing systems, and inexpensively repair broken lines.

Its manufacturer, Dura Plastic Products, says it's easy to use. Connect your lengths of pipe, then glue and snap the fitting on to the new line without cutting the pipe. Or, expose just a shovel width of existing pipe to glue and snap on additional tees. To patch gouged pipe,

apply glue and install a Durasnap. Durasnap comes in 40 PVC $\frac{3}{4}$ x $\frac{1}{2}$ inch and 1 x $\frac{1}{2}$ inch.



Circle No. 210 on Reader Inquiry Card

TOUGH STUFF



The Professionals from Center Plains Industries have the muscle to keep your turf lush, green and healthy. Our premium fertilizers are available throughout the Southwest and irrigated Great Plains.

ZIPP® is a water soluble blend of Zinc, Iron and Polyphosphate readily available to the growing plant. Used throughout the growing season.

ULTRA TURF® is a homogeneous fertilizer with all the essentials for vigorous plant growth, including nitrogen, phosphorous, potassium, sulphur, zinc and iron -- all present in uniform quantities in each pellet for even distribution. Well suited for late fall or early spring.

It takes a tough product to tackle the big jobs. Trust The Professionals at Center Plains Industries. We have what it takes.

CENTER PLAINS INDUSTRIES, INC.

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Circle No. 111 on Reader Inquiry Card

Century Jet Pack sprayer is versatile

Century Engineering's new Jet Pack back pack sprayer is small enough to go just about anywhere. It is made of polypropylene, virtually resistant to all chemicals, and can be adapted for left or right hand users. Century says it can be pressurized while in spraying position. The Jet Pack has a four gallon capacity.



Circle No. 205 on Reader Inquiry Card

Griswold System 390 simplifies irrigation

The operator maintains complete control of complex irrigation systems with the System 390, says its manufacturer Griswold Controls. The System 390 is Griswold's latest offering in computer-assisted irrigation control.

The video screen shows (in plain English) which valves are actuated at any given time. The 390 consists of a main control terminal and as many as $\frac{128}{32}$ station field switching terminals. Only two standard (1/4" UF direct burial) wires are required to connect all field station terminals to the central

computer to form a communication line. The 390 does not need battery back-up for memory retention during prolonged power failures. It carries a two year warranty.

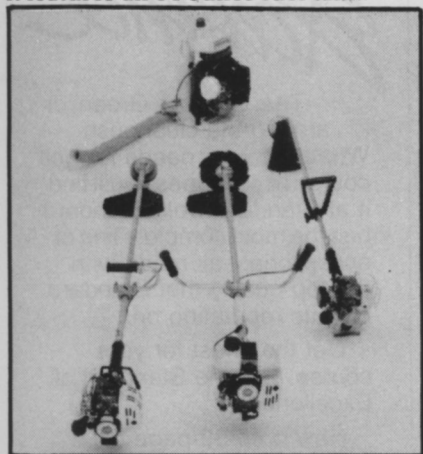


Circle No. 210 on Reader Inquiry Card

Bunton offers new trimmers, blowers

New trimmer models by Bunton are powered with a choice of three Kawasaki engines from 18 cc to 33 cc with the larger units having electronic ignition, solid shaft, and heavy duty reduction gear drive. The trimmers come with quick-feed nylon string, shoulder strap, engine stand, on-off switch, tool kit, and blade guard. Brush and saw blades are also available.

The engine and fan are removable for easy maintenance on the new Bunton blower and will generate 770 cfm. It features an 84 ounce fuel tank.



Circle No. 209 on Reader Inquiry Card

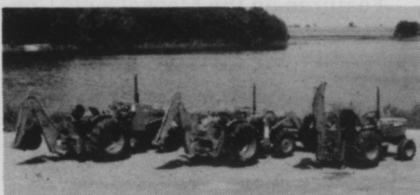
American Trencher's new mount for Kubota

American Trencher Inc. introduces a new mounting system for Kubota tractors.

Bradco backhoes mount with Kubota loaders and provide solid attaching points for heavy work. The new mounts provide quick attach for use of the standard 3-point hitch. Additionally, Bradco 3-point cushion hitch back-

hoes adapt to most models for general applications.

American Trencher offers backhoes in digging depths from 6 to 13 feet in three class categories. Options and accessories are available for specific jobs.

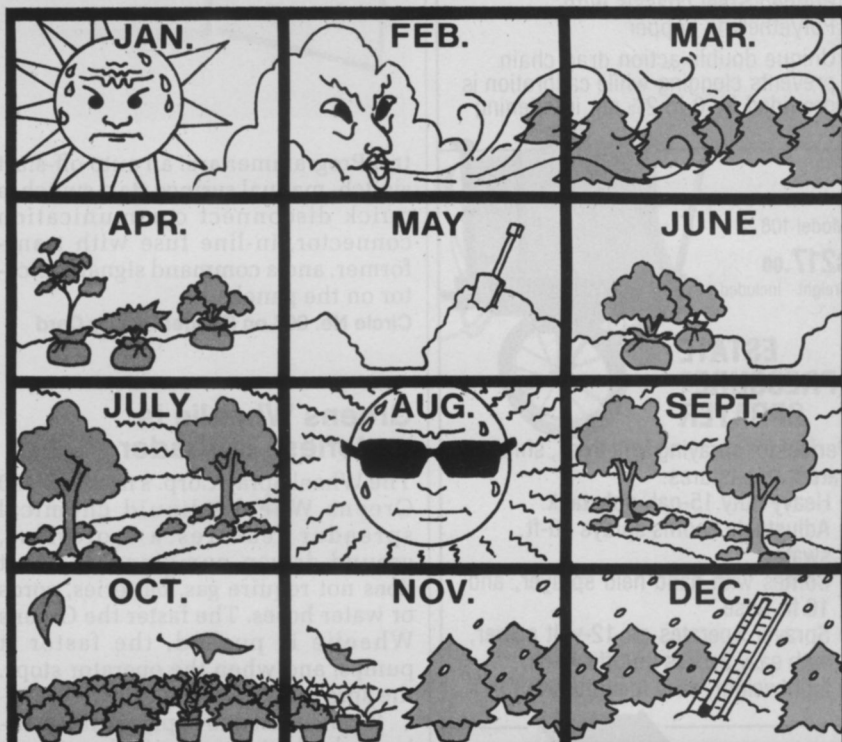


Circle No. 206 on Reader Inquiry Card

New Buckner unit is reliable, economical

Buckner Royal Coach Sprinklers has introduced the Mechatronic Central Programmer, a solid state, electro-mechanical tool which provides reliable, economical central sprinkler programming.

The modular cabinet houses one to four central panels to optimize system control and features separate programming for irrigation and syringe scheduling—23 start times per day for irrigation, 12 start times for syringe cycle. Syringe time is programmable



Twelve Good Reasons To Use Folicote . . .

All Year Long.

Under stress conditions plants lose more life-giving moisture through the stomata in their leaves than can be absorbed by their roots. FOLICOTE reduces moisture loss by partially blocking stomata, without limiting actual photosynthesis.



- Increases transplant survival.
- Reduces moisture stress during transport.
- Protects against desiccation . . . winter and summer.
- Stays flexible, looks natural.

And FOLICOTE costs up to 50 percent less to apply than any other anti-desiccant or anti-transpirant on the market.

FOLICOTE is a wax emulsion that mixes easily with water and stays mixed. When used as directed, FOLICOTE has been proven in university trials to be effective and non-phytotoxic on a wide range of plants.

For free brochure and more information call
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Another water management tool from . . .
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Estate Turf Spreader Model 700

\$365.00
Freight Included



- Spread seed, fertilizer, lime, sand or de-icers
- Big 800 lb. capacity
- Ground driven
- Rugged Steel chassis with Polyethelene hopper
- Unique double-action drag chain prevents clogging while calibration is provided by 0 to 2½ sq. in opening

Model 108
\$217.00
Freight Included



ESTATE "PRESSURE" SPRAYER

Perfect for spraying fruit trees, shrubs, yards, or pastures.

- Heavy duty 15-gal. poly tank.
- Adjustable booms sprays 10-ft. swath.
- Comes with hand held sprayer, and 10 ft. hose.
- Sprayer operates on 12-volt power, with easy access on/off switch.
- Lightweight, easy to store, (41 lbs.)

ESTATE "VERSATILITY" WAGON Model 300

\$479.00
(5 ft. bed)



(Add **\$72.00** for dump option) Freight Included

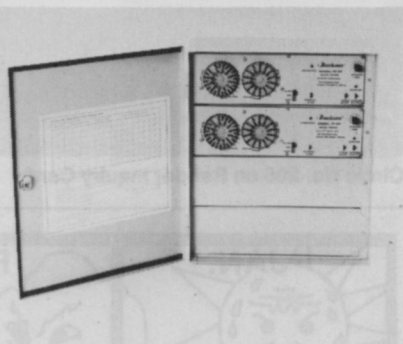
- 1-ton hauling capacity with hand operated hydraulic dump system
- Heavy structural steel frame
- Removable Side Racks
- High Flotation Tires
- 5 ft., 6 ft. & 7 ft. beds available
- Also, single axle and tandem axle trailers available

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from one to 11 minutes in one minute increments. And the unit has only two central panel signal wires.

Lightning protection is built into the primary and outputs, and a wall mount or pedestal mount is available.

Featured on the Mechatronic Cen-



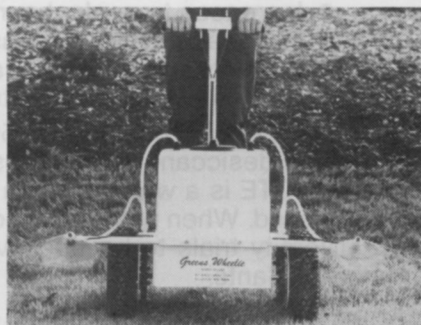
tral Programmer are: an auto off-start switch, manual syringe start switch, a quick disconnect communication connector, in-line fuse with transformer, and a command signal indicator on the panel.

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Greens Wheelie is motorless spreader

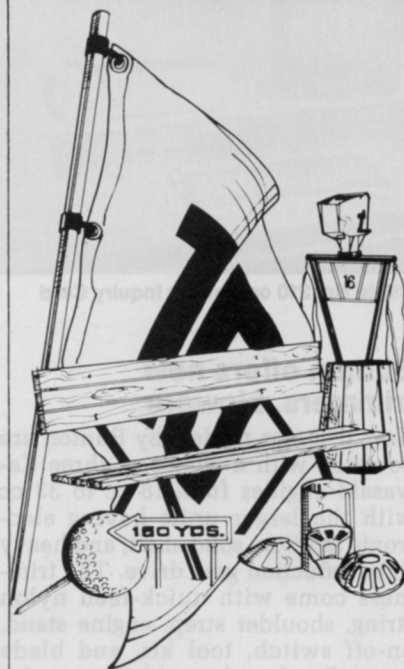
The Wheel Spray Corp.'s new WS-490 Greens Wheelie liquid chemical spreader features a motorless, ground-driven pumping system. It does not require gas, batteries, cords or water hoses. The faster the Greens Wheelie is pushed, the faster it pumps; and when the operator stops, the sprayer stops.

It can be used to apply liquid fertilizers, herbicides, fungicides, insecticides, and growth regulators. The two-wheel, twin-wheel pumps spray a fan of solution six feet wide with an overlap at the center at a rate of 1000 sq. ft. per gallon. The pumping system and 10 gallon, non-corrosive tank ride on large, easy-to-push rubber tires. Stainless steel shut-off valves are operated by handle grips to allow use of nozzles independently.



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STANDARD GOLF Pro Line

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Jacobsen adds five new products to line

The Jacobsen Division of Textron Inc. has added an edger, two string trimmers, and two portable blowers to its turf and grounds maintenance equipment line.

The edger is powered by a 3-hp Briggs & Stratton engine and sports a 9-inch-depth adjustable blade.

Both straight-shaft trimmers have manual string advance, twin handles,



and double shoulder harnesses. A 27cc, two-cycle engine drives the Jacobsen J-27, while the J-35 features a 35cc unit.

At just 23 lbs., the Jacobsen J-55 Back Pack Blower comes with a 3.5-

hp, two-cycle engine and is capable of sending gusts of 125 mph in a 360-degree rotation.

Jacobsen's J-88 push-type blower weighs 36 lbs. and rides on 10-inch pneumatic tires. It comes with double handles for steady control and can produce velocities of 225 mph rotated 270 degrees.

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New Jake diesel 4X4 is versatile

Jacobsen introduces a four-wheel drive diesel-powered vehicle that could be a real time saver in a number of turf tasks. It can be used as a mobile power source for rotary or flail mowers, rotary broom and snow-



thrower, seed and fertilizer spreader, and blower.

The vehicle features four-wheel steering and a 24-hp engine. It also has a synchronized eight forward and four reverse speed transmission, four-wheel hydraulic disc brakes, and an all weather cab plus front and rear lights.

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Ride-Aire II for high capacity cultivation

Ryan-OMC Lincoln's new Ride-Aire II riding aerator is designed for high capacity core cultivation. Its use will increase oxygen exchange, reduce thatch problems, relieve compaction, and improve water and nutrient penetration in turf. It aerates up to 12,000 sq. ft. per hour.

The Ride-Aire II is powered by an 8 hp commercial engine. It covers a 21-inch swath with a core spacing pattern of 3 1/2 inches. The standard tine is 2 1/2 inch in length and 5/8 inch in diameter. For lawn care, a 2 inch by 5/8 inch tine is available, and for golf course needs tines are offered in a choice of 3 or 3 1/2 inches long and 3/8 or 1/2 inch in diameter.

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The Ride-Aire II features a newly designed frame, front engine guard, foot operated hydraulic lift for the aerating frame, vibration-isolated seat suspension unit, and new type handlegrrips. The new Kevular cord increases belt life. The hydraulic roller chain drive has forward, reverse, and transport clutch.



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