

PRODUCTS

New PreSeeder offers several new features

The ATI Corporation has introduced an improved PreSeeder which offers several new features designed for operating ease and convenience.

The PreSeeder, according to ATI, features a smoother-running drive line, an easier-to-read depth indicator, a heavier slip clutch with an alarm to alert the operator to slippage, and a beefed-up unitized frame for greater durability. The

chain drive runs in oil bath resulting in longer life and less maintenance.

The PreSeeder speeds up soil preparation as much as four-fold, and in addition to creating a fine-textured seedbed for better germination, also levels out high and low spots and lines up stones and debris for easy removal.

The machine is easily adaptable to most tractors and requires only a 20 hp tractor for operation.



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Phyton 27 may aid in Dutch Elm disease fight

Phyton 27 is a major breakthrough in the fight against Dutch elm disease and other fungus diseases, according to the marketer, Source Technology Biologicals.

The fungicide, with active ingredient copper sulphate pentahydrate, is very deadly to fungus and bacteria. Phyton 27 actually kills the Dutch elm disease within the tree while



fungistatic products only allow the fungus to cease growing or reproducing.

Simple injection, reduced wounds on the tree, and labor savings are three advantages to Phyton 27, according to the marketer. It does not burn or harm the tree itself.

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Portable meters give accurate pH readings

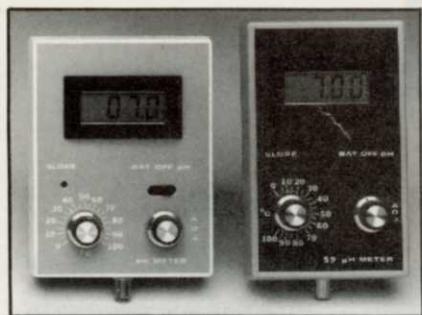
Engineered Systems and Designs' two new portable digital pH meters are designed for convenience and accuracy in the field or laboratory.

The model 57 reads an accuracy of .05 pH and displays to .01 pH. The model 59 reads to an accuracy of .01 pH and displays the same.

Both read the entire pH range of 0-14 and feature manual temperature compensation from 0-100 degrees Centigrade, a standardized control, an externally accessible slope control, and an on/off battery check switch. Both contain solid state circuitry and are

continued on page 74

pH meters from page 70
powered by a single nine-volt battery.



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Verti-Cut System available in five-gang unit

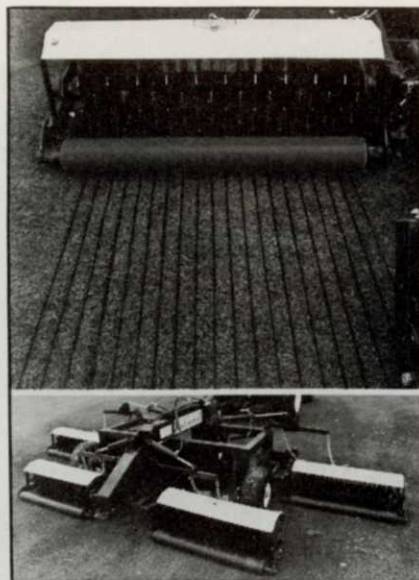
The National Mower Company has introduced new verticutting system equipment for professionals whose turf requires sophisticated care and cultivation.

According to the manufacturer, the Verti-Cut equipment makes a variety of new grooming techniques possible including: ultra high-speed thatch removal; overseeding ground preparation; breaking up aeration plugs; "tickling" grass to combat mat-

ting; and cutting runners in bermuda or bent grasses.

The Verti-Cut equipment uses cutting blades mounted in standard 30-inch cutting unit frames. Blades can be spaced any distance apart and cutting depths can be adjusted.

Verti-Cut System is available in a five-gang tractor-towed unit which handles an 11 1/2-foot swath.



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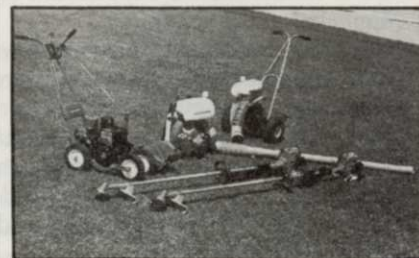
Grooming line used to finish the job

Jacobsen's grooming tools finish the job off to give it a professional touch. Two string trimmers, two blowers, and an edger help produce a well-groomed look for fine landscapes.

The J-24 and J-33 string trimmers come with 24.1 cc and 33.3 cc engines, respectively.

The J-55 backpack blower with two-cycle engine blows 530 cu. ft. of air per minute. The J-88 push blower with 180-degree rotation and a two-cycle engine produces an air flow of 880 cu. ft. per minute.

The commercial edger, which conveniently converts to a horizontal trimmer, has a four-wheel design that provides secure riding on sidewalks and other hard surfaces.



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Slicer/seeder made for all types of terrain

The SS-35-20 is the only all-terrain slicer/seeder, according to its manufacturer, Salsco.

The SS-35-20 handles inclines up to 40 degrees. It can cover 18,000 sq. ft. per hour with depth adjustments of 2½ inches maximum at ¼-inch increments.

The machine seeds within a 39-inch radius using a 10 hp Briggs & Stratton engine. It can plant rows two or three inches apart or a 20-inch seed bed.



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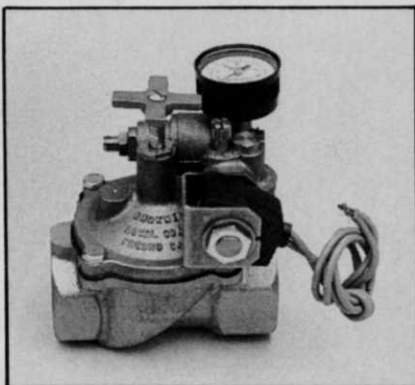
Valves designed for maximum efficiency

Buckner's new 20120 Bronze Series pressure regulating valves are specially designed to reduce and regulate pressures so that maximum efficiency can be derived from the sprinkler and drip irrigation systems.

The Buckner valve has no side-mounted external regulators. All porting and regulation is engineered internally within a bronze casting that fits on top of the valve, eliminating the traditional valve damage associated with external tubing. It is also designed to allow installers to set the downstream pressure at the valve

with or without electric power.

The Bronze Series comes in sizes from ¾-inch to 3 inches. Outlet pressures can be set from 10 to 100 psi with flows as low as 1 gpm.



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Arbor Master 50 creates less root damage

The Burkeen Manufacturing Company's Arbor Master 50 Tree Spade is available in either truck or loader mount, and features a 2250-pound root ball that is 48 inches deep for less root damage and better tree livability, according to the manufacturer.

The Arbor Master 50 is all hydraulic with controls located for optimum visibility and safety. The advanced design gives better weight distribution to increase stability. It



quickly disconnects so the truck can be used for other jobs.

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Flail mower is also used for dethatching

Middlesworth Engineering and Manufacturing has introduced the Model C44F commercial flail mower. The 44-inch outfront mower can also be used to dethatch and mulch leaves.

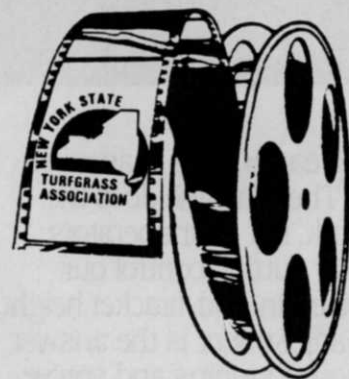
The unit has hydrostatic transmissions with speeds up to 6 mph and true zero-turning radius. The deck is offset 3 inches for trimming and mowing next to buildings and obstacles.

The C44F uses an 11 hp Briggs & Stratton Industrial/Commercial engine.



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