

SCRUSHER

Scrapes 'em and brushes 'em . . . the new better way to clean spikes and shoes.

The Scrusher is a must around heavy traffic areas like the clubhouse, locker room entrance, or pro shop. It keeps dirt in its place — outside!

The Scrusher is a heavy duty brush that cleans spikes and sides of the shoe at the same time. The lower brush has three rows of stiff nylon bristles to thoroughly clean spikes. Spaces between the rows of brushes allow grass and dirt to fall through and help keep brushes free from clogging. Side brushes are softer nylon bristle that won't scratch shoes. All brushes are replaceable. Can be mounted on turf or concrete. Posts, chain and mounting spikes optional.

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SG-148

Circle No. 146 on Reader Inquiry Card

PRODUCTS

Front mount mower made for contractors

Kubota Tractor's newest entry into the commercial turf maintenance market is the F2000 front mount mower. Designed specifically for commercial use, estate landscapers and homeowners, the F2000 is equipped with a 20 hp liquid-cooled diesel engine, four-wheel drive, differential lock, rear-wheel steering, hydrostatic transmission and power steering.

Kubota's hydrostatic transmission, teamed with the four-wheel drive and front differential lock, allow for smoother operation on terrain too steep or traction too slick for conventional two-wheel drive mowers.

The F2000 has good visibility and infinite forward travel speeds to 9½ mph. A 60-inch deck is standard, though an optional 72-inch mower is in production. Mowing heights are adjustable from 1½ to 4 inches.

Circle No. 190 on Reader Inquiry Card

Tree injector applies chemicals through trunk

A new tool for injecting chemicals into tree trunks has been developed by Advanced Plant Management. The injector has a manually operated piston pump and is certified as a



"closed system" by the California Department of Food and Agriculture.

The storage reservoir holds up to 470 milliliters, allowing for numerous injections before refill is necessary. A pressure gauge informs the operator when the injection process is complete. An auxiliary hose and tip allow for injection into inaccessible areas.

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New striking tools, cultivators unveiled

A new line of striking tools and cultivators is available from Zabarte Industries. The tools feature northern ash or hickory handles, and can be used for a variety of ground preparation practices for planting.

The tools are lightweight, ranging

from 7 lbs. down to just over 1 lb. Tools in the line include a mattock, pick,



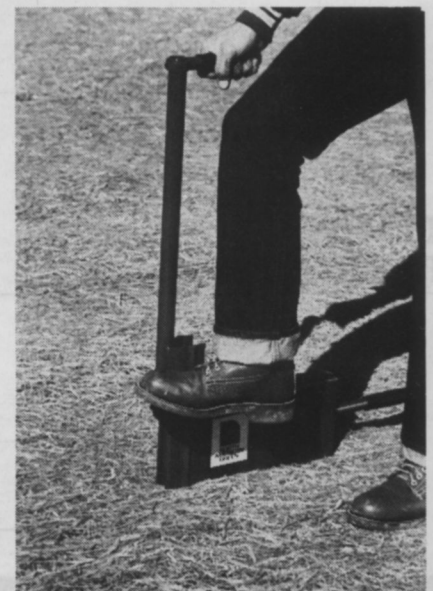
scraper/weeder, planter, trencher and others in various sizes.

Circle No. 192 on Reader Service Card

Staple gun eliminates hand installation

North American Green's new Surelock Staple Gun is designed to end stooping and hand installation of erosion control fabric while holding the fabric firmly in place.

The Surelock is an upright staple gun with a foot operation pedal. The handle is adjustable to the operator's height. Its cartridge chamber is enclosed to keep dirt out. Each cartridge holds 100 staples.



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Pump prevents spillover when filling gas tanks

The "Tommy Pump," distributed by Mason & Assoc., is designed to transfer liquid from one container to another without spillage or lifting heavy cans. It fits most metal gas cans and designed to become a permanent fixture on the fuel can.

It is approved for use with gasoline, kerosene, diesel fuel, hydraulic fluid, oil, water, antifreeze, 90-weight gear oil and automatic transmission fluid. It also has a 12-month limited warranty.

Circle No. 194 on Reader Inquiry Card

Transporter 1st entry into utility market

The AMT 600 all material transporter is the first entry by John Deere into the utility vehicle market. The five-wheel cargo carrier has a capacity of 600 lbs. and is powered by an 8.5 hp engine featuring variable speed drive for speed control up to 20 mph.

The cargo box sits above the four rear wheels for better stability. The box is 48 $\frac{1}{4}$ x43x11 inches. The tailgate



can be removed and the box dumped manually. Flotation tires inflated to six psi minimize ground compaction. The unit can fit in the back of a standard size pickup truck for easy transport between job sites.

Circle No. 195 on Reader Inquiry Card

Dripless attachment tools are quick connecting

Power Spray Technology, Inc., offers a line of attachment tools for use with all standard spray equipment. The

dripless soil rod features an on/off valve and six-hole lateral dispersion. A 32-inch dripless step-on sub-slab injector features a heavy duty welded foot step and a nylon back-splash preventive guard. A 12-inch standard dripless sub-slab injector features a nylon back-splash preventive guard. The step-on root feeder features a heavy duty iron welded foot step, on/off valve and six-hole lateral dispersion.

All tools feature an in-line automatic chemical shut-off, assuring the operator that chemical in the rod and handle will not run when the valve is turned off, and quick-connect cadmium plated steel couplings.

Circle No. 196 on Reader Inquiry Card

Valve performance shows reduced pressure loss

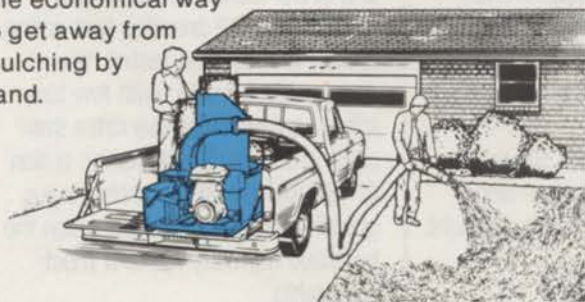
UltraFlow valves from James Hardie Irrigation feature straight-through water flow paths for low pressure loss over wide flow ranges.

The valves feature adjustable flow control and a non-corrosive sealed solenoid. The valves come in three sizes and have a five-year

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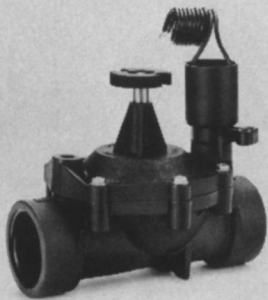
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Drainage system more cost-effective than pipe

Drain-It, manufactured by American Wick Drain Corp. for Atlantic Construction Fabrics, is a new prefabricated, highway-grade drainage system that combines high flow capacity, strength and durability with economical installation. It is designed for golf courses, athletic fields, parks, building grounds, bridge abutments and retaining walls.

Drain-It's high flow capacity results from the use of a multi-channel, formed polyethylene core covered by

a polypropylene fabric to prevent clogging. According to the company, the non-woven, needle-punched fabric also allows water entry over 95% of its surface for up to 35% higher volume drawdown than perforated pipe.

It is one inch thick and weighs 8 oz./sq.ft. Sections can be joined using duct tape and a utility knife. Drain-It features a core crush strength of 8000 psi to withstand the pressures of back-filling and compaction during installation without loss of flow area. Drain-



It comes in rolls of 100 and 150 feet in six, 12, 18 and 24 inch depths.

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In cool environments this could mean the difference between seed germination and no germination.

Studies at Cal Poly-Pomona reveal that within 14 days perennial ryegrass seedlings were eight inches tall compared with 2½ inches tall where covers were not used. When used with pre-germinated seed the success of faster turfgrass establishment is enhanced, particularly where a balanced starter fertilizer was placed in the seedbed.

Geotextiles. The introduction of fabrics collectively known as geotextiles has greatly reduced the wear factor on many athletic fields. These covers are made of 100 percent polyester needle-punched, non-woven fabric that resists heavy traffic. They allow air, water and sunlight to pass through the fabric so the grass can carry on its normal functions.

Major stadiums have used geotextiles to protect turf from concerts, circuses and events that require thousands of chairs for field seating. When used as bench tarps for players to stand on during football games they have miraculously preserved the grass surfaces. Without the geotextile covers the turfgrass areas would be ground into soil, sand, mud and grass plant parts. **LM**

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