

## PRODUCTS

**Vandermolen** presents its new Super 88 Mistblower. The sprayer is especially effective on gypsy moths with its 40 foot reach that reaches the lower third of the tree where the moth egg



masses are found. The large six gallon capacity provides the equivalent of 60

gallons of hydraulic spray mix. The blower is powered by a 52cc Kawasaki engine with an electronic ignition. Circle No. 130 on Reader Inquiry Card

**Bermuda King's** sprig planter is easy to maneuver around trees, fences and wells. The compact two-row planter has a twenty cubic feet capacity and



comes with spring-mounted furrow openers and block and spring mounted covering discs. Circle No. 131 on Reader Inquiry Card

**Orbex** has added High Lift Universal blades to its line of Aladdin blades. According to the manufacturer, the configuration of the blades works to produce a vacuum action that lifts each blade of grass until cut. Clippings,



**New High Lift Universal Blades**

leaves, thatch and debris are then projected into the catcher bag. All 16 models of the blades are made of .156-in. thick high carbon steel tempered for hardness and ribbed for rigidity. Circle No. 132 on Reader Inquiry Card

## Every National has it... Little decal, Big Savings!



Write for the name of your nearest dealer—then call for a demonstration.

More than telling you belt sizes used on National mowers, the decal tells you that these are standard, off-the-shelf items available from any local industrial supplier, not a special, high-priced part you must order from the manufacturer. And there are a lot more savings with a National...

- **Greater fuel economy.** 44% to 62% less fuel consumption than power robbing, hydrostatic type rotary mowers.
- **National's initial cost is less** than that of mowers sold to do the same job.
- **One-third to one-half the cost** of maintaining a National versus competitive models because of its easy accessibility.

- **Model 84 gets the job done faster** by cutting a swath a foot wider than a rotary.
- **Quality construction.** More years of service. For example, we still cut our own gears out of solid, quality steel blanks.



MODEL JTS-180



MODEL 68

Building functional quality since 1919

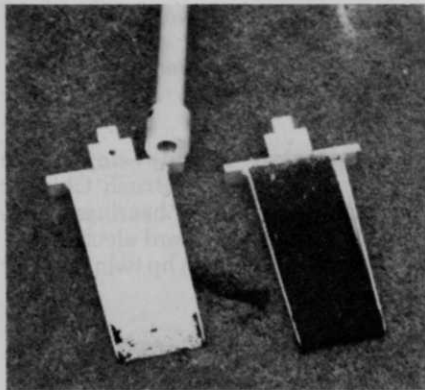


**NATIONAL MOWER COMPANY**

660 Raymond Avenue, St. Paul, MN 55114  
612/646-4079

Circle No. 119 on Reader Inquiry Card

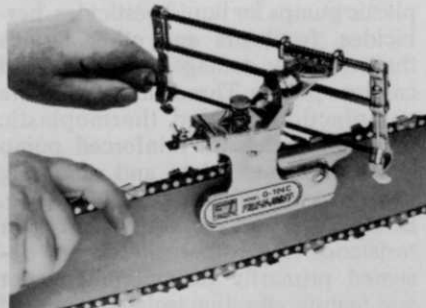
**Turfgrass Products'** Soil Profile Sampler cuts an undisturbed soil profile of turfgrass and other areas, from which observations of thatch, soil compaction, roots and other soil problems can be made. The profile measures 6-in. by



3-in. Turfgrass Products also provides information on techniques for preserving soil samples for use as records or visual aids.

Circle No. 133 on Reader Inquiry Card

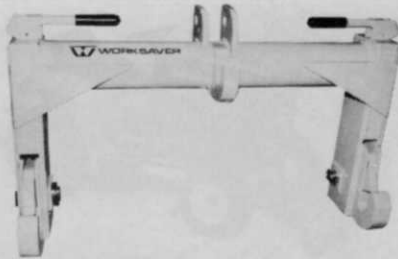
**Granberg's** File-N-Joint chain sharpener has a dial setting file guide for heavy duty sharpening on the bar. Clamps and chain holders keep the exact chain angle and depth gauge height.



The File-N-Joint sharpens all 1/4- to 1/2-in. pitch chain and takes 6- and 8-in. files in sizes from 1/8- through 1/4-in.

Circle No. 134 on Reader Inquiry Card

**Worksafer** Quick Hitches are constructed of heavy steel bar and tubing. The hitches feature non-rotating draw



pins, adapter bushings and a tapered top hitch bracket. They fit most category II and III three point hitch tractors and come completely assembled and ready for tractor mounting. The model HK-502 fits tractors up to 100-hp and the model HK-503 fits tractors up to 220-hp.

Circle No. 135 on Reader Inquiry Card

**Chipmunk** has a new compact clipper designed for use by in the field by arborists, public works departments, and utilities. Powered by a four cylinder gasoline engine, the 2800-lb. chipper



chips with four 12-in. steel blades driven by a flywheel. Processed chips travel through the exhaust chute aided by a blower and can be discharged in any direction using an adjustable chute.

Circle No. 136 on Reader Inquiry Card

*Continued on page 62*



## Split 'em up in just seconds...then tow it away at 55 mph!

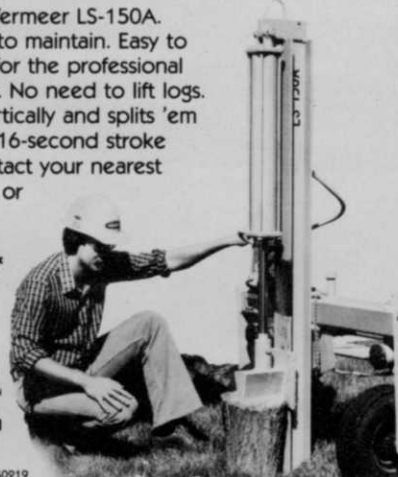
Introducing the new Vermeer LS-150A. Easy to operate. Easy to maintain. Easy to transport. Affordable for the professional and homeowner alike. No need to lift logs. Splitting tower tilts vertically and splits 'em up to 24" long. Rapid 16-second stroke cycle. Interested? Contact your nearest Vermeer dealer today or call us toll-free at 1-800-247-2347 for complete information.\*

\*In Iowa, call collect (515) 628-3333



**Vermeer**  
Vermeer Manufacturing Company  
8808 New Sharon Road, Pella, Iowa 50219

Circle No. 126 on Reader Inquiry Card



## Lawn Genie pick-up mower



### Saves work all year 'round

- Spring - Thatches, renovates and picks up in one pass
- Summer - Mows and loads clippings in quick-dump hopper
- Fall - cleans up leaves, twigs and trash

Change mowing or thatching blades in seconds with M-C's patented hanger design.

Four cutting widths from 36" to 72", engine driven or P.T.O.

Call or Write Today  
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Crystal Lake, IL 60014  
815/459-2210



**Iron Horse Quality Equipment**

Circle No. 114 on Reader Inquiry Card



**Progressive Electronics** now has the model 521 wire, pipe and solenoid valve locator. Useful for maintenance of zone irrigation, gas, water power and telephone the 521 consists of a transmitter, a receiver, a headset and a ground probe. The transmitter features an on/off plunger, meter for battery



condition and a selector switch to choose output voltages. The receiver is powered by a 9 volt battery and has a battery test button, meter to indicate battery condition, headphone jack and battery saver circuit which automatically shuts the receiver off when its inside the case.

Circle No. 137 on Reader Inquiry Card

**Homelite** is now offering five thermoplastic pumps for liquid pesticides, herbicides, fertilizers and other liquids that normally damage aluminum and cast iron pumps. Three pumps combine an injection molded thermoplastic polyester and glass reinforced pump body, impeller, volute and mounting bracket with stainless steel hardware, EDPM seals and gaskets for corrosion resistance. Two other models are designed primarily for pumping water and feature vibration isolated mounted skids and Buna-N seals and gaskets.

Circle No. 138 on Reader Inquiry Card

**Engineering Products'** Power King tractor is a compact 12-hp model that comes with a 42-in. mower. The 1212 model has an all-gear drive system with a four speed transmission that pro-



vides eight forward speeds and two reverse. According to the manufacturer, the tractor has a short turning radius and easy maneuverability in close quarters. The tractor is powered by a 12-hp Kohler cast iron engine and features a 42-in. mower that hooks on without tools.

Circle No. 139 on Reader Inquiry Card

**Vandermolen** has developed the heavy duty Diadem Brush Chipper featuring heavy duty bearings, triple belt drive and a standard electric start. It is powered by an 18 hp twin cylinder



engine. Similar to larger chippers, the rotor design can handle limbs of up to 3

# It drives your dirt to drink

**...and drain** too much or too little water, and you've got problems!... unless you use Aqua-Gro the rootzone water management tool.

Aqua-Gro is specially formulated to eliminate problems from excessive moisture. Its unique blend ensures faster, more uniform water penetration and drainage. Aqua-Gro will provide the desired residual benefits, irrigation after irrigation, because it does not leach. Insufficient moisture can cause localized dry spots and browned out turf.



inches in diameter. The chipper is also easily towed and can be moved by one man when detached from the towing vehicle.

Circle No. 140 on Reader Inquiry Card

**Agrafim Irrigation** has introduced a take apart drip irrigation emitter, the TA-4 that comes in a one gallon per hour capacity. The top can be easily removed so the emitter can be cleaned in the field. It is available in two configurations: the TA-4R is suited for use as



a riser line emitter, and the TA-4B is a barbed base emitter which attaches on-line to surface placed tubing.

Circle No. 141 on Reader Inquiry Card

**Fairfield American** has announced that its Pyrenone crop spray has been labelled by the EPA for use against gypsy moth larvae. The pyrethrum-based spray, mixed with residuals, has



an "exciting" action that flushes the insects out of hiding places for far more effective residual performance. The spray also is labelled for control of canker worms and tent caterpillars on shade and forest trees.

Circle No. 142 on Reader Inquiry Card

**Vemco** has added two new self-propelled walk-behind mowers to its line of flail mowers. All self propelled units feature turning brakes, 360-degree caster wheels and five forward speeds. In rough areas, the blades will fold back on impact with solid objects, preventing blade breakage and the



danger of throwing objects. An optional riding sulky and various engine styles are available.

Circle No. 143 on Reader Inquiry Card




Aqua-Gro provides fast relief. Aqua-Gro moves water into the rootzone reducing run-off and evaporation. More uniform water movement and distribution through the soil profile reduces summer stress and watering costs 30%-50%.

In addition, Aqua-Gro enhances the efficacy of pesticides and fertilizers, while eliminating the problems associated with thatch, compaction, and poor soil mixing.

So use Aqua-Gro. Available in liquid concentrate or spreadable granular from your local distributor. It's an important ingredient to insure the constant healthy growth of turf on grounds, playing fields, and golf courses.

For free illustrated brochure and further information call TOLL FREE 800-257-7797, (in N.J. 609-665-1130, or write:)

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**AQUA-GRO<sup>®</sup>**

It drives your dirt to drink...and drain.

Circle No. 101 on Reader Inquiry Card