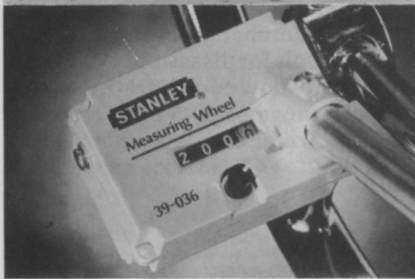


Measuring device is accurate to the inch

Stanley Tools now offers a measuring wheel to measure distances quickly and accurately. The wheel (Model 39-012) uses a precision-calibrated, push-button resettable counter that automatically records measurements in feet and inches, up to 1,000 feet.

The unit features a wide, one-foot circumference wheel rimmed with a Neoprene tire. It also comes with a telescoping handle, from 22 to 36 inches.

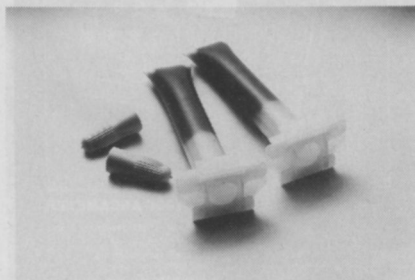


Circle No. 201 on Reader Inquiry Card

Splice kits ideal for irrigation work

Direct Bury Splice Kits with Scotchlok R connectors permit fast, simple installation of underground electrical splices for use in projects of 30 volts or less.

The kit, from 3M's Electrical Prod-



ucts Division, requires no crimping tool or other equipment to make quick, reliable splices. The procedure involves stripping wires, twisting on a Scotchlok connector, then inserting

the connector into a tube that has been pre-filled with insulating gel. The tube cover is snapped shut and the entire assembly is buried. Locking fingers in the tube hold the Scotchlok connector in place and the closed tube cover provides strain relief. The pre-filled tube eliminates the problem of installers using too much or too little gel.

The splices are designed to protect against corrosion failure. Effective application range is 32 to 120°F.

Circle No. 202 on Reader Inquiry Card

Aerating cores eliminated by pulverizing action

The Lawn Genie is a pick-up sweeper/mower from Mathews Company that eliminates aerating cores with one pass down the fairway.

When a damper is in the open position, the hammer action of the Genie's free-swinging flail knives pulverizes the cores and returns most of the soil to the ground. Vacuum paddles create a vacuum to pick up thatch and grass. The damper can also be closed to deposit the pulverized cores over ground.

Mathews says tractor-powered Genies in 60-inch and 72-inch widths with Category 1, 3-point hitches and 540 rpm PTO are being used to remove cores on golf courses and other fine turf areas in parks and on playing fields. They are also used to pick up leaves, twigs and other debris.



A driver controlled cable winch is used to empty the hopper. A hydraulic dump kit is also available.

Circle No. 203 on Reader Inquiry Card

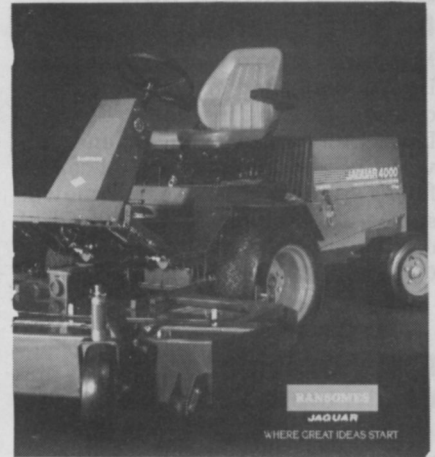
Brochure details features of new tractor series

The new Jaguar 4000 series tractor is featured in a brochure from Ransomes.

Information is provided on the four-mower line, along with detailed specification data.

The Jaguar 4000 is a premium machine incorporating the best in rotary

mowing technology, Ransomes claims. Mowing decks of either 61" or 74" are available. The 74" deck has a deepdraft design to insure that all clippings are discharged out the chute, minimizing clumps.

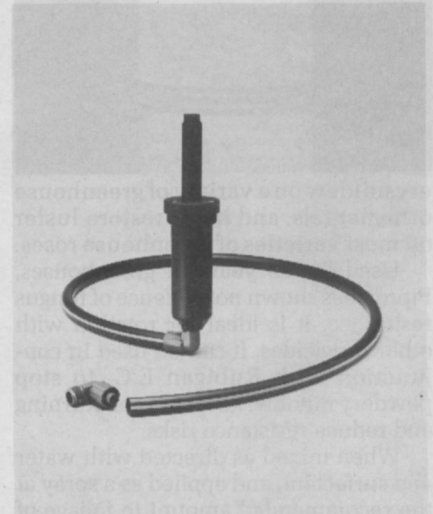


Single-pedal hydrostatic control is standard, and controls all forward and reverse movement. A patent pending automatic differential lock is available on two models and reduces wheel slippage and turf damage.

Circle No. 204 on Reader Inquiry Card

Irrigation hose works in tight quarters

The Super Blue Flex Hose is the newest product from Hardie Irrigation. Hardie says the hose is extremely flexible, easy to work with and ideal for installing sprinklers in tight quarters. The Super Blue Flex Hose is compatible with all fittings, including



Olson E-Z, ELL, Dura, Toro and Rain Bird.

Each coil is wrapped in lengths of 100 feet, and unwinds easily from the center of the coil.

continued on page 104

The Super Blue is made of very low density polyethylene, and has 80 psi maximum working pressure at 100°F. **Circle No. 205 on Reader Inquiry Card**

Sweeper-mower new for core clean-up

Mathews Company of Crystal Lake, Ill. has published an illustrated brochure describing the use of the M-C Lawn Genie in sweeping up and pulverizing aerating cores on golf course fairways. How this sweeper-mower solves the problem of getting rid of cores is shown in photos and text. **Circle No. 213 on Reader Inquiry Card**

New fungicide formula called more versatile

A new formulation of Elanco's Pipron is now available, with a label upgrade from "danger" to "warning." The new Pipron does not have any re-entry restrictions in states in which those laws apply.

Elanco says Pipron controls powd-



ery mildew on a variety of greenhouse ornamentals, and helps restore luster on most varieties of greenhouse roses.

Used for 20 years in greenhouses, Pipron has shown no evidence of fungus resistance. It is ideal for rotation with other fungicides. It can be used in conjunction with Rubigan E.C. to stop powdery mildew, keep it from returning and reduce resistance risks.

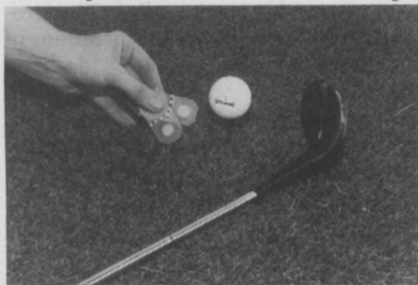
When mixed as directed with water and surfactant, and applied as a spray at the recommended amount to foliage of ornamental plants, Pipron is effective against powdery mildew on rose, lilac, dahlia, phlox, zinnia, chrysanthemum and catalpa. Spray after leaves expand or at symptoms of powdery mildew.

Circle No. 206 on Reader Inquiry Card

Residue detector gives results in minutes

A new method for measuring insecticide residue can detect 80 percent of all U.S. registered insecticides, according to Enzytec, Inc.

The product is the size and shape



of a small ticket, and can detect the presence or absence of the carbamate, thiophosphate and organophosphate insecticides. Detection range is up to 1 to 10 parts per billion. The ticket detects pesticides in air, water, soil or on surfaces, depending on the technique used.

According to Elizabeth Burkett, marketing manager for EnzyTec, the detection system can be used in a number of ways by golf and grounds maintenance professionals. For example, workers can efficiently monitor the need to change filters in respirators. "Placed inside the facemask, away from the nose and mouth, the detector disc allows an applicator to check the effectiveness of his respirator filter and lets him know when to change it," says Burkett. "A white result on the detector ticket indicates the need for a filter change, while a blue result indicates an effective filter."

EnzyTec says the test can also provide superintendents with a method of monitoring golfer exposure to insecticides applied to a golf course over the golfing season.

They are available in kits of 10, 25, 50 or 100 tickets.

Circle No. 207 on Reader Inquiry Card

Plant materials on screen with new visual database

Landcadd, Inc. announces a visual database of plant materials for use with its Site Planning and Landscape Design module. Landcadd users will be able to select a menu item labeled "show photo," to view an actual photographic image of the specific plant.

"Being able to show a client exactly what a particular plant will look like, while viewing a computerized construction drawing, is very advantageous," says Greg Jameson, president of Landcadd. "As video imaging is becoming increasingly popular,

Landcadd is providing a viable solution for linking CAD drawings to actual photographs."

The visual database of plant materials is being developed with the idea that it may eventually be used in conjunction with Landcadd and AutoCad to develop realistic "video imaging" views of a site. Links will also be provided to the text-based plant database currently offered with Landcadd.

Circle No. 208 on Reader Inquiry Card

Save water and energy with flow-regulated unit

Netafim Irrigation's Dan 2001 Micro-Sprinkler is flow regulated for all terrain with high uniformity and protection from sand and insects.

According to Netafim, the Dan 2001 is ideal for application in orchards, vineyards, greenhouses and nurseries and for micro-climate control. It easily retrofits many existing irrigation systems, and the large nozzle diameters and self-cleaning design reduce chances of clogging.

The sprinkler has low precipitation rates for effective soil penetration. Its interchangeable orifices require no tools for disassembly. The Dan 2001 is fully flow compensating over a pressure range of 20-50 psi, assuring balanced water distribution.

Circle No. 214 on Reader Inquiry Card

Areometer records speed, time and distance traveled

The AMC 100 Areometer system is now available from Warner Electric/Dana Corporation. The Areometer can be mounted on a variety of vehi-

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cles to measure, monitor and record the area traversed by the vehicle, as well as the speed, time and distance.

Applications for the Areometer in-

clude measurement of farm land for precision application of seed and fertilizer, measurement of open areas to determine the amount of material required for paving, and maintenance requirements for large landscaped areas such as golf courses.

The first time the system is used, it measures and records the work area to establish a baseline of information for subsequent operations.

Circle No. 209 on Reader Inquiry Card

New mower line features three adjustable models

A new line of commercial grade walk-behind mowers is now available from Woods. Mowing widths are 36, 48 and 61 inches, with adjustable cutting heights from 1½ to 4 inches.

A heavy duty hydrostatic transaxle



drive provides smooth operation, fast response and eliminates clutching. One lever controls speed, from 0 to 6 mph and up to 2 mph in reverse. Dual disc brakes are employed for precision steering.

Traction is improved with 16-inch tires. An oil bath gear drive is used to drive both wheels to assure straight tracking.

The mower deck on these units is welded from 10-gauge steel, with double reinforced side skirts.

Kohler provides the power.

Circle No. 210 on Reader Inquiry Card

Hand pump designed as bacteria fighter

A new prototype of the Renson hand pump that is protected from contamination has been developed by F.R. Industries of Pittsburgh and French manufacturer Renson.

continued on page 106

GREAT ON THE GREAT OUTDOORS.

GREENSKEEPER 20-4-10

Circle No. 138
on Reader
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The great outdoors has a wide range of turf conditions. So where do you turn for one superior, yet economical feeding? Greenskeeper 20-4-10. This homogeneous fertilizer contains 40% organic nitrogen and is formulated for immediate turf green-up and sustained feeding. Yet it is cost-efficient for use on a diversity of turf areas. From your source for premium quality turf products.

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Circle No. 155 on Reader Inquiry Card

PRODUCTS from page 105

The opening around the shaft has been effectively sealed and an O-ring has been installed inside the shaft opening.

F.R. Industries says the pump improves the quality of drinking water and reduces the cost of maintenance.

In November 1988, according to F.R. Industries, the Delaware Bureau of Environmental Health stated that the Renson pump had met the sani-



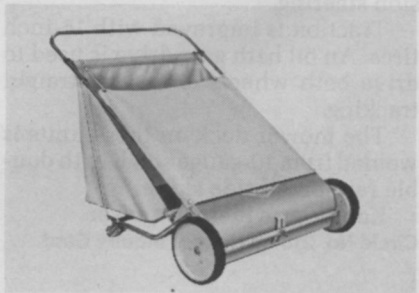
tary design requirements necessary to ensure public health.

Circle No. 211 on Reader Inquiry Card

Keep debris in place with sweeper apron

Parker Sweeper Company's Sweep-A-Lawn lawn sweeper keeps grass and leaves in place and safe from swirling winds.

Elastic cords are anchored through grommets at both upper corners of the wind apron and are secured to the upper basket rod with hooks on each



side. The wind apron fits snugly and is easily removed for emptying.

Parker says the Sweep-A-Lawn can be used as either a push or trailing sweeper. Hitch for the trailing sweeper is optional. Sweeping width is 30 feet and the basket holds 4.4 cubic feet of material.

Circle No. 212 on Reader Inquiry Card