

ROOKIES

PRODUCT UPDATE

HIGH-DUMPING SWEEPERS



Mr. Air Sweepers has recently added four new sweepers to its landscape maintenance vehicle line. Each model features separate storage lockers, a lockable cage, flat bed space and the ability to dump debris and trimmings into dumpsters and other receptacles.

The Model 1600 has a three cubic yard hopper. It offers easy access to the hopper through a back door for loading large debris and for checking the removable screen for easy maintenance. The unit performs well with debris, bottles, rocks and litter.

Model 2000 is a truckster-type, parking lot sweeper. The two cubic yard hopper and entire sweeping unit is removable. It sweeps rocks, cans, bottles and debris.

The Trident 300 Sweeper is a parking lot and street sweeper with a two cubic yard capacity. It is also removable from the truck and sweeps rock, gravel, cans, bottles and debris. All units have been designed for high-dumping and ease of maintenance.

MR. AIR SWEEPERS

Circle 156 on Reader Service Card

SERVICE TIMER

A new timer for all kinds of equipment and vehicles reminds the operator that the period of time is up for servicing the unit. It is called Service Minder I.

The timer has been field-tested on industrial and farm equipment, earth-moving machines in coal-mining areas, and inboard motors, to mention but a few. It may be used on trucks, utility company vehicles and back hoes—wherever recording hours for servicing is important.

The Service Minder I attaches to the key switch and counts the hours of operation as a reminder to service the machine. When you start a piece of equipment, it starts the timer and the hours are clearly displayed.

The timer is resettable. After you have serviced the machine at the end of the desired interval—say, 75 hours—you push the reset button and the display goes back to 0 to track the next service interval.

SERVICE BRAINS, INC.

Circle 157 on Reader Service Card

HIGH SPEED AERATOR

Speed, fewer moving parts and quick field adjustment were the main goals set by GreenCare International for its Core Master 12 hollow-tine aerator system. Powered by a small tractor PTO system, the unit can be used for aeration and thatch control on greens, tees, fairways and all types of sports fields.

Core depth can be changed simply by the turn of a handle while the coring pattern can be changed with a 'stop and go' procedure. The 49-inch-wide Core Master 12 uses case-hardened steel tines from 1/4-inch to 1 1/2-inch in diameter. Core depth is adjustable from one to four inches.

An optional core windrowing system is available. A core pickup system will be released soon says the manufacturer. Other attachments to provide a flexible tractor system are under development.

GREENCARE INT.

Circle 158 on Reader Service Card

VALVE BOXES



Irrigation valve boxes from the Harvard line of sprinkler/irrigation accessories are now available from the American Granby Company.

They feature moisture- and temperature-resistant thermoplastic construction. The valve-box lids are impregnated with color-

fast dark-green pigment and the box itself is black.

Six-inch extensions are available when deeper bury depth is needed. The extension may be used alone in areas of lower bury depth.

AMERICAN GRANBY CO.

Circle 159 on Reader Service Card

YEAGER-TWOSE TURF CONDITIONERS

No more plugs!

Compaction relief!

Commence play immediately after treatment! 60" and 18" Models for medium and compact tractors 3-point. 1" to 8" adjustable depth.



Thatch cutting disc allow hydraulic vibrating blade and "Bullet" to penetrate without tearing turf surface, breaking up under-surface compaction. Pressure rollers firm the slit edges.

YEAGER TRACTOR Equipment Division

P.O. Box 545
503-648-8506

Hillsboro, Ore.
97123

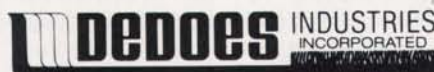
Circle 137 on Reader Service Card

3-Point Power

fast, easy hook-up, rugged,
dependable A-E-R-A-T-I-O-N!

The "big job" aerator that smart supervisors depend on. Patented, hinged tines for clean plug removal. 2-3-4 or 5 drum units with 36-60 or 120 tines per drum. Heavy-duty solid steel construction utilizes low-cost cement blocks for weight.

Ask about our full line of Aerators.

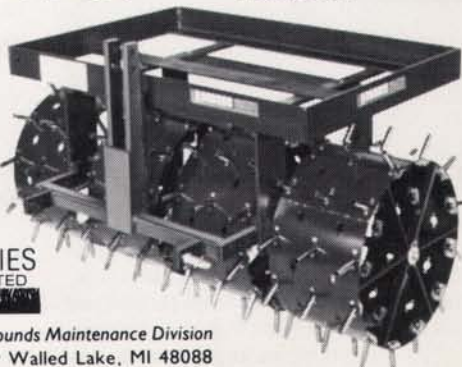


313-624-7710 • 800-521-7086
1060 W. West Maple Rd. • P.O. Box 575 • Walled Lake, MI 48088

Grounds Maintenance Division

Circle 138 on Reader Service Card

Dedoes
Model H



ROOKIES

PRODUCT UPDATE

GREENS MOWER



The trend toward faster putting surfaces has been recognized by Jacobsen with the introduction of its ultra-fine-cutting greens mower. Nine-bladed reels are adjustable from 3/32 to 7/16-inch to enable superintendents to cut greens as low and as smoothly as possible. Adjustments are fixed to assure a consistent height of cut.

The mower features a more powerful and quieter engine than previous models. It cuts a 22-inch swath with a single five-inch diameter reel.

JACOBSEN DIVISION, TEXTRON

Circle 164 on Reader Service Card

BASEPATH CONDITIONER



Stade Rouge is a colored amendment to improve the condition and appearance of baseball basepaths and clay tennis courts. The red material is made from pulverized brick. It is capable of holding up to ten percent of its weight in water for better control of moisture in critical areas.

50 *sportsTURF*

The rouge helps the infield dirt maintain a uniform amount of moisture to reduce dust and slick spots. The color does not fade and contrasts nicely with green turf. The texture of the material provides sound footing and resists compaction.

Only occasional topdressings are needed to keep the material effective. The material will not dry out or crack.

BIGHAMPTON BLOCK CORP.

Circle 166 on Reader Service Card

WALK-BEHIND SWEEPER



The Tennant Model 186 walk-behind sweeper can clean 18,000 square feet of indoor or outdoor surface an hour, nearly six times faster than hand methods. The unit sweeps a 34-inch path and can be converted to a scrubber in minutes, without tools.

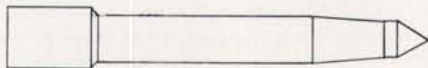
The walk-behind unit is a flexible and fast cleaning device that takes up limited storage space.

TENNANT COMPANY

Circle 165 on Reader Service Card

SOLID TINES

Solid tines can open up soil without the need to drag or pick up soil cores. Condesco says its solid tines will aerate more than 100



sand greens before they need to be replaced.

The company has an assortment of solid tines in sizes from 1/4-inch to 5/8-inch in diameter. The tines are carbide-tipped and come in a variety of shapes to do a variety of tasks, from preparing a seedbed to breaking up ice on greens.

CONDESCO INC.

Circle 167 on Reader Service Card

SOIL SAMPLER



The task of obtaining soil samples has been simplified by KHS with the introduction of its Soil Probe. The eleven-gauge stainless-steel probe will not rust and features a hinge design. The opening of the probe is adjustable and the enclosed receiving tube prevents mixing of soil levels.

The hinged design permits easy access and removal of the entire core. The probe has a one-inch diameter. Eight-inch and 12-inch core probes are available.

M&M SUPPLY CO.

Circle 168 on Reader Service Card

ROOKIES

PRODUCT UPDATE

FLOATING AERATOR



Barebo, Inc., has introduced a new stainless-steel and bronze rocket model floating mechanical aerator.

It was designed for use in salt or alkaline waters to meet the water-management needs of people with very harsh, caustic water.

BAREBO, INC.

Circle 160 on Reader Service Card



CDA technology allows treatment of large areas with noticeably reduced volumes. According to the manufacturer, one worker with a five-pint Microflex bottle can treat a strip eight inches wide for 20 miles without stopping for a refill.

MICRON CORPORATION

Circle 161 on Reader Service Card

PRESSURE-REDUCING VALVE



All-brass solenoid control valves have been designed by Griswold Controls for dirty water applications. The valves range in size from 3/4-inch to two-inches and will maintain a constant downstream pressure when upstream pressure varies from 5 to 200 psi.

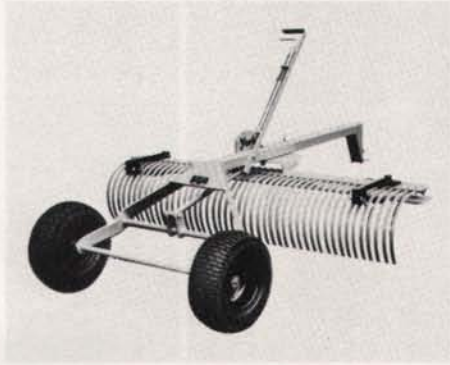
The valves will operate reliably with water containing sand, silt, algae, chemicals, fertilizers, slime and other materials. They are self-cleaning and have no screens or filters

to clog. The manufacturer says the valves also work well under low-flow, low-pressure conditions.

GRISWOLD CONTROLS

Circle 162 on Reader Service Card

SCALED-DOWN RAKES



York Rakes recently added to its line two new rake models for compact tractors. The TA1 and TA2 are specifically designed for the lower power capacities of lawn and garden tractors.

These rakes are scaled-down versions of the bigger York models. They offer a perfectly matched, optional grader blade assembly which is easily dropped into the working position to provide a smooth, even surface.

The rake/grader blade may be set at angles to discharge material at either the right or left side. A lift adjustment is also featured to achieve proper working depth and distribution of desired materials.

These smaller, compact units allow better maneuverability and ease of handling. They are being used for golf courses, tennis courts, athletic fields, parks and playgrounds, cemeteries, institutional grounds, and homes.

With the combination of rake and blade, many jobs can be performed in soil preparation, landscaping and maintenance functions. These rake units are rugged enough to handle removal of stones, roots and debris. They perform well at breaking up sod and mulching the soil, grading and leveling, filling in low spots, spreading topsoil quickly and evenly, or distributing crushed stone, gravel or cinders.

They are offered in three rake/grader blade width sizes of four-, five- and six-foot lengths.

YORK MODERN CORP.

Circle 163 on Reader Service Card

NARROW SWATH SPRAYER

Micron Corporation has introduced Microflex, a hand-held sprayer for narrow targeted and spot applications.

The Microflex is a lightweight applicator utilizing controlled droplet application (CDA) technology for applying herbicides. It is powered by four "D"-size batteries and has a five-pint bottle to contain the chemical mix.

The main difference between the Microflex and the existing Herbi, also from Micron, is the width of the swath. While the Herbi sprays in a four-foot swath, with the new sprayer the user can vary the swath width between four and 18 inches.

This variability, combined with the controlled-droplet-size feature, makes the Microflex suitable for narrow band application in many situations, including fence rows and spot treatments.

ROOKIES

PRODUCT UPDATE

COMPACT TRENCHER



Trenching in confined, small and hard-to-reach areas is possible with the Ground Hog Model T-4 Trencher. Powered by a 5 hp gasoline engine, the T-4 digs a trench 3½ inches wide and from six to 12 inches deep below the reach of most turf aerator tines.

The T-4 weighs 190 pounds and is 25 inches wide, 40 inches tall and 60 inches long. Constructed of heavy steel, the unit features a heavy-duty handlebar assembly, a main shaft mounted on Timken bearings and replaceable hardfaced blades.

A one-way wheel lock keeps the trencher moving only in the digging direction while engaged. An auger places soil removed by the chain to the side. An automatic clutch simplifies operation reducing the number of hand controls to a throttle and depth control.

GROUND HOG INC.

Circle 146 on Reader Service Card

base and mound covers fit into two storage bags.

The kit consists of three 18-ft. diameter covers for the bases, one 20-ft. diameter cover for the pitcher's mound and one 30-ft. diameter cover for home plate. The covers are held in place with 35 anchor pegs provided in the kit.

COVERMASTER INC.

Circle 147 on Reader Service Card

FULL-CIRCLE SPRINKLER



Rain Bird has added the full-circle 6060 pop-up sprinkler to its Spec Series rotor family. It promises superior performance and added coverage for large commercial, industrial and athletic field applications.

With full-circle operation and double nozzle configuration, the 6060 ensures thorough water distribution over its 58-foot radius. The double nozzle includes a range nozzle for distance and an opposing spreader nozzle for close-in coverage.

The new 6060 joins the 4045 and 5055 Spec Series rotors, which both offer full or adjustable arc and have radii of 49 feet and 54 feet, respectively.

All three models offer a broad array of standard features. Equipped with a rugged plastic case and a sprinkler head assembly made of quality brass and stainless steel, the rotors include a resilient, one-piece rubber cover for added safety and an internal Seal-A-Matic valve to prevent low head drainage. Straight-through flow minimizes pressure loss.

Easy to install, the 6060 comes with a one-inch female threaded inlet. It has an operating pressure range of 45 to 85 psi. The precipitation rate is .39 to .52 inches per hour with spacing of 48 to 70 feet.

RAIN BIRD SALES, INC.

Circle 148 on Reader Service Card

SULFUR-COATED UREA

Specifically designed for low-cut turf, a new line of small-particle, sulfur-coated urea fertilizers includes six formulations. They provide more particles per square foot than coarser-grade products, which can cause speckling.

The small size of the fertilizers increase the number of particles applied on low-cut turf to increase response, consistent greening and a more uniform distribution pattern. The sulfur-coated urea provides steady growth and long residual. Mower pickup is virtually eliminated because the new small particles readily filter into the turf.

The LESCO Elite fertilizers are available in the following formulations: 21-0-16; 21-4-12; 19-0-19; 15-0-30; 12-24-14 and 31-0-0.

LESCO, INC.

Circle 149 on Reader Service Card

LEAF BLOWER



A commercial-grade leaf blower has been added to the list of attachments for the Steiner center-pivot tractors. Heavy steel housing, a 14-inch fan and industrial relube bearings assure long life and extra power for the blower.

Winds in excess of 125 mph provide the power to move wet leaves and clean sidewalks, parking lots and other large areas of clippings, litter and light snow.

The blower hitches quickly and easily to either two-wheel or four-wheel Steiner utility tractors.

STEINER CORP.

Circle 150 on Reader Service Card

RAIN COVER KIT



If handling and storage of full-size field covers is too expensive and impractical, a kit from Covermaster can still protect baseball fields from rainouts. Made of the same material as full-size field covers, five separate

HYDRODYNE
PRODUCTS, INC.

HYDROTURF SYSTEM



The Hydroturf System has several advantages over other types of automatic irrigation controls:

- Provides complete adjustability of the upper and lower saturation levels within each watering zone.
- Saturation level can be read with an analog meter at any time.
- Highly accurate linear sensitivity to changes in saturation levels.
- Instantaneous response to saturation level changes.
- Not affected by temperature, salts or fertilizers.
- Can be used with any time clock or operate on a continuous 24 VAC supply.
- No need for any service or maintenance such as water filling, calibration, etc.
- Provides an override switch to allow for extra watering after fertilization or during hot weather.
- Can be installed and adjusted without power from the clock

HYDRODYNE
PRODUCTS, INC.

1943-F Friendship Drive
El Cajon, CA 92020

(619) 258-8853

Telex: 510 100 3195

DISTRIBUTOR INQUIRIES INVITED

Circle 151 on Reader Service Card

ROOKIES

PRODUCT UPDATE

PENDULUM SPREADER



A wide assortment of materials can be spread by Olathe's Model 45 pendulum-action spreader. This type of spreading device has been designed for applying sand topdressing and granular products to large

turf areas.

The Model 45 is available with an engine and/or trailer for versatility.

OLATHE MANUFACTURING, INC.

Circle 152 on Reader Service Card

TURF SOIL LAB

The Turf Lab Model TL-1 has been developed by LaMotte Chemical Products specifically for on-site evaluations of turfgrass soils. Each test kit includes materials for a total of 200 different tests. All components fit into a rugged carrying case for use in the field.

A six-inch soil probe and all necessary instructions come with the kit.

LAMOTTE CHEMICAL PRODUCTS

Circle 153 on Reader Service Card

SCOREBOARD

CLASSIFIEDS

CLASSIFIED RATES: \$35.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Classified advertising is not commissionable. Ads using special borders will be billed at display rates. Blind box numbers are available. Replies to all box numbers should be addressed to SportsTURF, P.O. Box 156, Encino, CA. 91426-0156.

SAND SLITTING FOR DRAINAGE: Patented equipment cuts a narrow slit, installs a **Mini-Drain** and injects sand in one neat operation which leaves the field playable. For a firm quotation on a **Guaranteed Solution** to your drainage problem, phone or write:

CAMBRIDGE SOIL SERVICES

106 Robert Gene, Glencoe, AL 35905
(205) 492-7847, 24 hours, 7 days

Aquatrols Corp. of America	41
BASF Corp.	8
Bannerman Ltd.	47
Barebo, Inc.	30
Brian R. White, Inc.	46
Brown Mfg. Co.	13
Cal-Turf	44
Data Industrial	59
Dedoes Industries Inc.	49
E-Z Go, Div. Textron	53
Four Star Ag Service, Inc.	31
Garfield Williamson Inc.	35
Gustafson Chemical	22
Holland Equipment	36
Hydrodyne	58
Irri-Trol Mfg. Co., Inc.	23
Irrrometer	44
Jacklin Seed	7, 57
John Deere	3
Lasco Industries Inc.	17
Lebanon Chemical Corp.	38
Lely Pacific Inc.	33
Lofts Seed Inc.	32, 60

Index of Advertisers

Milorganite	20
Motorola, Irrigation Div	42
Northrup King	48
Olathe Mfg. Co.	32
Oly-Ola Sales, Inc.	29
Pacific Sod	21
Partac Peat Corp.	47
Pickseed West	26
Rain Bird Sales	55
Rainmaster	37
Regal Chemical Company	5
Salsco Welding and Fabrication	27
Stover Seed	45
Submatic Irrigation	28
Terracare Products Co., Inc.	46
Toro Irrigation	19
Turf Merchants	2
Turf-Seed, Inc.	39
Turco Mfg. Inc.	45
Warren's Turf Nursery	40
Weather-Matic/Telsco	6
Yeager Tractor	49