

Lawn sweeper keeps debris under cover

The Sweep-A-Lawn from Parker Sweeper Company keeps grass, leaves and other debris from being thrown to the wind.

A new wind apron is secured by elastic cords attached to the upper basket rod with hooks on each side of the basket.

Parker says the Sweep-A-Lawn is ideal for small to medium size lawns, and can be used as a push or trailing sweeper. The trailing sweeper requires an optional hitch.

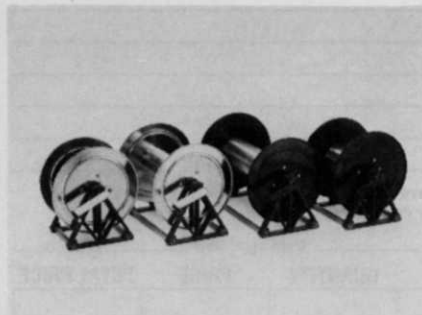
Sweeping width is 30 inches, and the basket capacity is 4.4 cubic feet. **Circle No. 201 on Reader Inquiry Card**

Hose reels withstand temperature, chemicals

Steel Eagle company of Elk Point, SD has announced the introduction of its Eagle line of hose reels.

The company says an "almost indestructible material," Nyprim 1500, was selected for the one-piece frame. This nylon material is strong without being heavy and withstands moisture, corrosion and high temperatures. The lubricating properties of Nyprim 1500, when combined with the stainless steel spindle create a low friction and low maintenance roller assembly. A spring loaded lock is molded into the frame to prevent free rotation during travel, along with a friction clamp which can be adjusted to limit free rotation.

The Steel Eagle reels have a center



spindle manufactured of high grade stainless steel pipe. A 3000 psi-rated hydraulic hexagon swivel is used to eliminate hose bending.

Circle No. 202 on Reader Inquiry Card

Zero-turning-radius unit maneuvers well

Ransomes, Inc. has introduced a new zero-turning-radius mower that com-

bines superb maneuverability with a 50-inch cut. The new Twin Trak mower has been engineered for extreme productivity.

The Twin Trak maneuvers in and



out of the tight spots. The rear discharge to grass collector design allows close trimming on both sides of the mowing deck.

As an added feature, the operator's seat is positioned to allow a clear view of both sides of the deck at all times.

Ransomes says the Twin Trak's exclusive "positive feed" grass collection system adds further to mowing productivity. The unique design assures that even the heaviest clippings are deposited in the 8.2 bushel collector. **Circle No. 203 on Reader Inquiry Card**

Non-clay carrier is now available

Edward Lowe Industries has begun production of Biodac, a non-clay carrier for use in the agricultural chemical industry and home fertilizer market. According to company news, the carrier offers significant advantages to producers and formulators over traditional products such as clay and corncob carriers.

Biodac is produced from organic fibers and is biodegradable. Because the product is chemically inert it does not require deactivators or preformulation conditioning. It can be custom designed to meet a broad range of parameters, which include bulk density, very narrow or broad particle size distribution and pH.

Circle No. 204 on Reader Inquiry Card

Wetting agent improves water use efficiency

Kalo, Inc. of Overland Park, Kan. is now marketing Hydro-Wet TG Granular, a combination soil and turf wetting agent and soil conditioner.

Hydro-Wet TG can be used by golf course, landscape, lawn care and

sports turf professionals.

The improved granular contains 22.5 percent Hydro-Wet wetting agent on a Terra Green montmorillonite granule. Kalo reports that Hydro-Wet TG reduces the surface and adhesive tensions of water, thus improving water use efficiency.

Hydro-Wet TG Granular is packaged in a 50 lb. box. For most turfgrass applications, Kalo recommends an annual rate of 5 lbs. per 1000 square feet. **Circle No. 205 on Reader Inquiry Card**

Landscape fabric is long lasting

Easy Gardener of Waco, Texas has introduced the new Weedblock 6+ Commercial Landscape Fabric.

The company says accelerated weathering tests show this heavier fabric will last six years when fully exposed to sunlight.

Weedblock 6+ is available in 250-foot rolls and widths up to 12 feet.



Circle No. 206 on Reader Inquiry Card

Mower deck makes clippings miniscule

Excel Industries has introduced the Turbo Shredder mower deck that chops grass clippings into fine particles. The particles then return to the soil surface easier and faster than is possible with standard mower designs. According to Excel, the shredding action of the Turbo Shredder



improves decomposition of the clippings and returns valuable nutrients to the soil.

PRODUCTS from page 72

Excel says the Turbo Shredder's eight-blade design eliminates clogging and increases air flow for better dispersal of clippings. When shredded grass clippings are collected in the eight-bushel Bac Pac grass catcher, less air is trapped in the catcher so the grass is more densely packed.

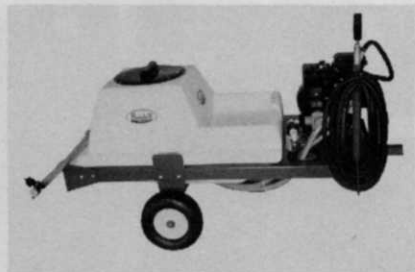
The Turbo Shredder 51-inch deck became standard equipment on all Hustler 251K models in late July 1989. The 251K is an 18-hp dual hydrostatic mower that provides the ultimate in maneuverability and true zero radius turning.

Circle No. 207 on Reader Inquiry Card

Lawn, garden sprayer holds 30 big gallons

The Broyhill Company has designed a new 30-gallon lawn and garden sprayer with an exclusive low profile tank design and 10-inch easy access lid for convenient tank rinsing.

The tank holds 20 percent more capacity than standard 25 gallon sprayers, according to Broyhill. The unique design has a garden tool/



chemical container storage area with drain to eliminate rain collection. The unit can be towed with the engine in the front or rear for less operator noise. Standard equipment includes spray gun, by-pass agitation, relief valve, 80-inch coverage boom, filter, 150 psi roller pump and 3 hp Briggs & Stratton engine. All controls are mounted on the spray gun holder for easy operating.

The 30-gallon frame will accept a 60-gallon tank with similar configuration and will feature larger flotation tires.

Broyhill also reports that the 30-gallon unit's design will allow a 48-ft. semi-trailer to hold 24% more spray units than comparable spray models.

Circle No. 208 on Reader Inquiry Card

Boring system for utility line work

The Charles Machine Works, Inc. has added the True Trac extended range guided boring system to its product line. The compact system has been

developed for trenchless installation of utility lines in various soil conditions, including solid rock, according



to Mark Kern, product manager.

"There is a rapidly growing market need for a guided boring unit that can work in congested or landscaped areas where conventional excavation methods are not feasible or desirable," says Kern. "The True Trac guided boring system can be used to install new or replace existing lines, with minimal soil disturbance."

The company says the True Trac's surface-launched downhole tools can bore four- to six-inch holes to distances of 600 feet. Two steerable downhole tools are available: a pneumatic percussion tool based on the Pierce Airrow pneumatic piercing tool, is used in compactable soils. A positive-displacement, steerable air motor drill is available for boring through rock.

It is operated by a three-man crew.

Circle No. 209 on Reader Inquiry Card

Disease detection kit works in 10 minutes

Agri-Diagnostics Associates has developed the Reveal brand of 10-minute turf disease detection kits for golf course superintendents and other lawn care professionals.

Based on immunoassay technology from the medical diagnostics field, on-site tests contained in a kit for each



disease allow detection of pythium blight, brown patch or dollar spot, even before symptoms occur, accord-

ing to Agri-Diagnostics.

Circle No. 210 on Reader Inquiry Card

New injector system for insect control

Cross Equipment Co., Inc. of Albany, Ga. has developed Injektaspray, for control of sub-surface insects.

Injektaspray consists of a combined low pressure (30-40 psi), low height topical spray application followed by a high pressure ground surface injection of 2000 psi. The low pressure system follows conventional design criteria, using a centrifugal pump to generate pressure through conventional boom and tip configuration. The low height system reduces environmental exposure to the air and can be used independently or simultaneously with the high pressure system.

The high pressure system consists of a high pressure piston pump. The pesticide is injected directly into the turf and soil using straight stream nozzles injecting continuously through orifices in a stainless steel shield pan. The depth of injection ranges from 1/4-1 1/2 inches, depending on soil compaction.

Circle No. 211 on Reader Inquiry Card

Herbicide gets EPA green light

Confront herbicide has received EPA registration for control of annual and perennial broadleaf weeds in ornamental turf and cool season grasses.

The product, developed by Dow Chemical, is composed of an amine salt formulation containing one part clopyralid to three parts triclopyr per gallon. Both active ingredients act as a plant hormone mimic, disrupting plant cell growth. According to Dow, initial control results are noticed four to six days after treatment, with full results occurring in the ensuing weeks.

"Each active ingredient in Confront controls a variety of weeds," says Rob Peterson, turf product marketing manager. Triclopyr controls ground ivy, oxalis, spurge, violets, chickweed, speedwell and others, while clopyralid controls such weeds as musk thistle, clover, dandelion and plantain.

Dow believes Confront offers consistently superior efficacy and single application elimination of many hard-to-control broadleaf weeds. It also uses significantly less active ingredients per acre to provide control.

Circle No. 212 on Reader Inquiry Card

continued on page 76

New system works with multiple tools

The Green Machine's Expand-It 2800 system for the professional market uses a single power head with multiple landscaping tools: string trimmer/brush cutter, edger, weeder/cultivator, leaf blower and snow thrower.

Charlie Scoggins, director of campus landscape for Mississippi State University, says the Expand-It system is a money saver. "The all-in-one concept of the Expand-It allowed us to replace a number of machines with



just one unit. Now our crews use only one piece of equipment to do a number of jobs that each used to require a separate machine."

Circle No. 213 on Reader Inquiry Card

Legwear is designed for multi-applications

Leggins' from Bata Shoe Company, Inc. are lightweight yet durable leg coverings worn during chemical or water spraying.



They provide excellent tear and abrasion resistance while remaining flexible in temperature extremes.

Leggins' have stitched and taped seams that are strong and 100 percent waterproof.

A take-up snap provides a snug fit around the ankle. Belt loop straps are made of non-conductive, non-corrosive hardware.

Circle No. 214 on Reader Inquiry Card

Bayleton gets DFA OK in California

The California Department of Food and Agriculture has accepted registration of Bayleton 25 Turf and Ornamental Fungicide from Mobay Corporation, for prevention of Southern blight in turf.

The California label has been ex-



panded to include additional ornamental plants and trees. The label expansion includes powdery mildew control on oak, sycamore and viburnum, and rust control on willow.

Circle No. 215 on Reader Inquiry Card

Disc-style chipper makes debris disappear

Bandit Industries has introduced the Model 90 Tree and Brush Chipper. The Model 90 is a 9-inch capacity, hydraulic feed, disc-style chipper. It will convert trees and brush up to 9 inches in diameter into a very dimen-



sional woodchip that can be used for a number of different markets.

The hydraulic feed system reduces chainsaw work, in that it will crush and feed material into the chipper.

The 90 is a rear-feed unit with 360° swivel discharge spout. It is powered by a 30-hp Wisconsin gasoline engine or a 40-hp Hatz diesel and weighs approximately 2,450 lbs.

The Model 90 feeds material through the chipper at the rate of 90 lineal feet per minute. Also available as a PTO drive unit; a 3-point hitch or trailerized.

Circle No. 216 on Reader Inquiry Card

Special bag attachment for better grass pickup

The self-propelled Rear Bagger lawn mower by Sarlo features a special bag designed to powerfully pull grass in, and a strong self-propel action.

The mower is designed with a bag that is composed of three lightweight mesh materials. The material actually "breathes," creating a high vacuum in the grass. The bag expands as it fills so that grass is distributed evenly.

Sarlo says the bag keeps dust particles away from the operator's face and eyes.

The mower is available with four and five hp engines.



Circle No. 217 on Reader Inquiry Card

Turf tool repairs damaged greens

Milona Products of Milona, Minn. has introduced the Sod Slide, a new tool for repairing greens damaged by oil or other liquid spills, winter kill or



vandalism. It cuts out the damaged sod and replacement strips. Available in three, five and seven inch sizes.

Circle No. 218 on Reader Inquiry Card

PRODUCTS from page 76

Narrow width tamper to reduce 'settling'

The TC4 "Sticher" by Vermeer Manufacturing Co. has been designed to restore narrow trenches and better reduce "settling" problems. The lightweight, self-contained unit combines the proven compaction aid of vibratory force with a rugged static compacting wheel for more positive restoration results.

Vermeer says the all-hydrostatic



"Sticher" is simple to operate and easily outperforms ineffective hand tampers or make-shift methods that use expensive backhoes to "mash" soil.

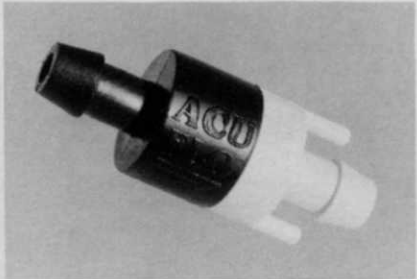
Compaction can be applied at any level down to 26 inches. Variable width pads (4-, 6-, and 8-inch/10-, 15- and 20 cm) and style let you match the "Sticher" wheel to specific conditions.

Circle No. 219 on Reader Inquiry Card

Micro flow regulator for micro-sprays

The Wade Rain Acu-Flo is a micro-irrigation flow regulator for use with micro-sprays.

Acu-Flo is factory preset to deliver constant flow over a wide range of pressures. Independent testing results show that Acu-Flo is accurate in flow rate with a coefficient of uniformity



exceeding 97 percent for pressures ranging from 20 to 50 psi.

Acu-Flo is currently available in nominal flow rates of 6.5 and 12 gallons per hour. Other standard flow rates are in development, and custom flow rates may be made available by Wade Manufacturing.

By installing Acu-Flo at each micro-spray, localized flow control

eliminates variances created by long or under-sized laterals, elevation differential, pump or water table changes or other causes.

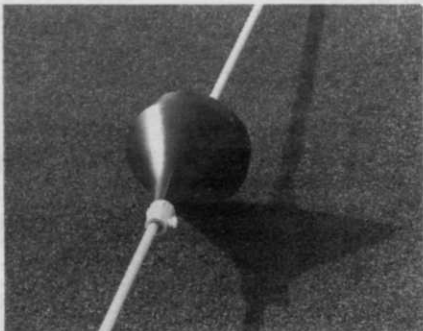
They are made of high-grade, industrial silicone to insure immediate regulation instead of a "break-in" period as with other materials. According to Wade, silicone also gives long-term regulation without deterioration, even in the harshest temperature and chemical environments.

Circle No. 220 on Reader Inquiry Card

Pin attachment talks to golfers

The GreenSaver is the first device that tells golfers to take care of the greens.

Made of lightweight plastic and aluminum, the GreenSaver is activated when the pin is placed at a 45° angle: a recorded voice advises golfers to "Repair your ball mark." After the message is delivered, the voice does not reactivate until the next group



plays through, approximately two minutes later.

Inventor/golf pro Rick Whitfield tested the GreenSaver on seven courses in south Florida. He reports a 40 percent increase in golfers repairing their ball marks.

Circle No. 221 on Reader Inquiry Card

New line of auto-injection system

Lesco, Inc. has introduced a new and complete line of automatic injection systems for the application of fertilizers, micronutrients and surfactants through an irrigation system.

The Lesco Microfeeder Injection Systems are four models designed to microfeed golf courses, parks, cemeteries, nurseries, athletic fields and other large, irrigated turfgrass areas by providing frequent, low-rate product application.

All systems utilize diaphragm pumps ranging from 3.4 GPH at 142 psi to 41.0 GPH at 142 psi. Three of the systems have flow meters and elec-

tronic microprocessors to accurately vary the pump rate and provide constant water-to-nutrient or water-to-surfactant ratios.



Circle No. 222 on Reader Inquiry Card

CORRECTIONS

Quail Hollow, other minor gaffs

Quail Hollow, A Club Resort, is owned by Club Resorts Inc. and not by Club Corporation of America, a sister company, as reported in the May issue of *LANDSCAPE MANAGEMENT* magazine.

One other inaccuracy appeared in that article, arising because of a delay from the time of writing to the time of publication:

Joseph Lucko left Quail Hollow as general manager to become general manager at another Club Resorts property, The Inverrary, A Club Resort, in Fort Lauderdale, Fla. The present GM is Michael Srdjak.

Club Resorts Inc. owns and/or operates five other properties.

Also, June's Project Profile, "A Flowerful History Lesson", failed to mention the names of the contributing photographers.

Gordon Helman, coordinator of Horticulture and Forestry Projects for the city of New York and the man responsible for supplying us the information on the projects discussed, says Jane Schachat, Donna Pressley and Simon Bennepe brought us the attractive pictures.

In that same issue, associate editor Terry McIver's story "Planning for Progress" was presented incorrectly. What was page 50 should have been page 48, and vice versa. We apologize for whatever confusion this may have caused our readers. □