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.

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.

Zero-turning-radius unit maneuvers well
Ransomes, Inc. has introduced a new zero-turning-radius mower that combines 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.

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.
Certain death for the dinosaurs.

The new Jacobsen Tri-King 1684D makes heavy cumbersome 84" mowers things of the past. Jacobsen ushers in a new age in heavy-duty 84" triplex mowing with a truly lightweight, highly maneuverable package. So now you can say goodbye for good to those costly, one-ton monsters the competition turns out.

Lightweight and compact, this agile, rear-wheel steering machine maneuvers around trees and other obstacles in a hurry. A foot-controlled hydraulic lift with automatic reel shutoff makes cross-cutting fairways and striping sports fields quick and easy. Plus, the wide 10" overhang simplifies trimming around traps, while optional on-demand 3-wheel drive smooths out tough hills. And the Jacobsen Tri-King maintains a productive mowing speed in 3-wheel drive, so it trims circles around bulky, sluggish would-be competitors.

Simple, cool-running hydraulics deliver exceptional control of cutting frequency. This smooth, consistent power and a choice of 5- or 10-blade fixed or floating reels produce a uniform, carpet-like cut — even in dense, wet grass. Unlike heavier competitors, the 1684D's balanced, lightweight design and wide tires minimize turf compaction. And optional easy-on/easy-off grass catchers make clean-up a breeze.

A liquid-cooled 16.5 hp diesel provides plenty of power with longer life, simpler maintenance and better fuel economy. Or choose the 1671D, a unique, durable 71" triplex with all the same quality features of the 1684D. Yet smaller reels cleanly cut tricky undulating terrain and those really tight spots.

Don't be saddled with a dinosaur of a triplex when you can have the advanced new 1684D. Ask your Jacobsen distributor for a demonstration today. Attractive lease and finance plans available.

Jacobsen Division of Textron Inc., Racine, WI 53403.

© Jacobsen Division of Textron Inc 1989
Excels 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.

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.

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.

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, according to Agri-Diagnostics.

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.

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Entry forms are now being accepted by the Professional Grounds Management Society and LandScape Management magazine for their third annual "Landscape Manager of the Year" award.

The purpose of the award is to recognize superior job performance among landscape managers, to challenge those involved in the industry, to achieve higher standards of excellence and to bring national recognition to deserving managers.

Any person directly responsible for the professional maintenance of one or more landscapes is eligible to enter. Applicants will be judged according to job performance, honors and awards, procedures and philosophies, and contributions to the green industry. Applicants will be asked, at the time of entry, to submit four 5 x 7 black-and-white glossy photos and 10 color 35mm slides of current work areas with a short narrative on each.
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."

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.

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

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.

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 dimensional 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.

Bayleton is a take-up snap provides a snug fit around the ankle.

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.

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 by the turning blade, which pulls 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.

Turf tool repairs damaged greens

Miltona Products of Miltona, 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. 213 on Reader Inquiry Card

Circle No. 214 on Reader Inquiry Card

Circle No. 215 on Reader Inquiry Card

Circle No. 216 on Reader Inquiry Card

Circle No. 217 on Reader Inquiry Card

Circle No. 218 on Reader Inquiry Card
Nothing’s more aesthetically pleasing to any landscape treatment than a lake or pond. And nothing ruins a beautiful lake more than dirty, algae-ridden water. The Otterbine® Aerator is an economical and beautiful way to keep water clean. Available in a variety of sizes and spray patterns, the Otterbine Aerator is easy to install and dependable—perfect for golf courses, commercial and recreational use and retaining ponds.

Don’t be misled by fountains or nozzles that claim to aerate the water. Designed for aeration, an Otterbine can pay for itself thru the savings you’ll have from not having to repeat costly chemical treatments.

Call us today. Aeration defined is Otterbine.
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. 221 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 Bennipe 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.
For fastest response, use the peel-off label from the front cover.

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**MY PRIMARY BUSINESS AT THIS LOCATION IS**

(PLEASE CHECK ONE ONLY IN EITHER A, B OR C)

A. LANDSCAPING/GROUND CARE AT ONE OF THE FOLLOWING TYPES OF FACILITIES:

- Golf courses
- Sport complexes
- Parks
- Rights-of-way maintenance for highways, railroads & utilities
- Schools, colleges & universities
- Industrial & office parks/plants
- Condominiums/apartments/housing developments/hotels/resorts
- Cemeteries/memorial gardens
- Military installations & prisons
- Airports
- Multiple government/municipal facilities
- Other type of facility (please specify)

B. CONTRACTORS/SERVICE COMPANIES/CONSULTANTS:

- Landscape contractors (installation & maintenance)
- Lawn care service companies
- Custom Chemical Applicators
- Landscape architects
- Extension agents/consultants for horticulture
- Other contractor or service (please specify)

C. SUPPLIERS:

- Sod growers mother supplier (please specify)
- Dealers, Distributors

What is your title? (please specify)

I would like to receive (continue receiving) LANDSCAPE MANAGEMENT each month: YES □ NO □

Your Signature: ______________________ Date: ___________