

Liquid injection system from Ransomes

The Cushman Envirojet 160 liquid injection system delivers turfgrass pesticides, liquid organic fertilizers, wetting agents or polymers directly into the subsurface soil structure, at the root zone. Because products are distributed directly from the system's tank into the soil, it virtually eliminates waste, personnel contact, runoff, UV degradation, and surface and airborne contamination.

Mounted on a Cushman Turf-Truckster, the Envirojet 160 uses high pressure pulses of water to create a small elongated hole on the turf surface. It then creates subsurface fracturing, the patented "jetation" sequencing process, of up to six inches in diameter. This pattern allows for nearly 100 percent distribution of chemicals and other products within the root zone and soil structure.

- ▶ Features of the unit include:
- ▶ A 16-jet, 64-inch-wide injection platform,
- ▶ Power brush,
- ▶ Mechanical tank agitation,
- ▶ An 8.7 gpm high pressure positive displacement pump,
- ▶ Low maintenance mechanical pulse sequencer
- ▶ Easy mounting/dismounting for Turf-Truckster use.

Appropriate for use on golf greens, tees, fair-



ways or sports fields, the unit's subsurface shattering process also helps reduce soil compaction, increase microbial activity and improve percolation.

The Envirojet 160 is equipped with a large external filter to allow fill up from any clean water source. Its 160-gallon tank can also be filled and used for effective spot irrigation in places where a water source is not available.

For more information on the Envirojet 160, contact Ransomes America Corporation at 800/228-4444, or

Circle No. 268

Rain Bird weather station aids irrigation

The WS-PRO series weather stations from Rain Bird's Golf Division deliver the sophisticated meteorological data needed to optimize golf course irrigation schedules and reduce watering costs. Two models are available: WS-PRO-SH (short-haul) and WS-PRO-PH (phone modem).

They can be used with most Rain Bird central control systems, including the new Windows-based Cirrus system. The weather station provides data such as air temperature, solar radiation, relative humidity, wind speed, wind direction and rainfall. This information is continually collected by central control to automatically adjust watering schedules.

The WS-PRO's built-in micrologger can collect, record and analyze up to three months worth of meteorological data. Additionally, the weather station's state-of-the-art instrumentation can accurately calculate evapotranspiration (Et) rates.



Circle No. 269

BEST's herbicide choices

The new range of BEST products containing Dimension turf herbicides are designed for reliable pre- and postemergent control of crabgrass, up to the four-leaf stage. The products also control goosegrass, chickweed, spurge and other tough-to-kill annual grasses and broadleaf weeds.

Dimension helps provide BEST products with the widest application window in the turfgrass industry, up to 13 weeks. It's available as a stand-alone product, granular Dimension 270-G, or with two fertilizer formulations for healthy turf growth; BEST 24-3-8 with 2 percent Dimension; and BEST 16-8-8 with 2 percent Dimension. The mini-sized fertilizer combinations are created to have uniform distribution and deliver more pellets per square inch, thus reducing the chance of skips or breakthroughs.

The BEST Dimension granular formulations, which work at rates up to 12 times lower than similar herbicides, bind tightly to soil, have low solubility and won't harm adjacent trees, shrubs and ground cover.

Available throughout the western United States and the Pacific Rim, the BEST product line includes many fertilizer/herbicide combinations. Contact BEST/J.R. Simplot Company, 800/992-6066; www.bestfertilizer.com, or

Circle No. 270

Improved commercial 36" spreader



The PrizeLAWN ProClassic 36" features larger 13" pneumatic tires and an improved handle which re-

duces operator fatigue. The dual stainless steel agitators ride in ball bearings. Dual agitators also mean turning corners with this 100-lb. capacity unit is never a problem. The spring-loaded on-off lever assures immediate opening at the beginning of the pass and positive shut-off at the end. Spread width is 36".

The hopper bottom has a diamond grid screen which prevents fertilizer lumps from reaching the ground. Frame paint is heavy duty epoxy powder-coat. All fasteners and metal components touching fertilizer are stainless steel. The hopper is welded steel.

For more information, contact PSB Company 614/228-5781 and mention Landscape Management, or

Circle No. 271

Retaining walls with style

The Versa-Lok segmental retaining wall system is a permanent, attractive alternative to ordinary retaining wall types.

Versa-Lok walls are economically installed without mortar and do not require concrete footings. In addition, the standard unit is used to build straight walls, inside corners, outside corners, curves and steps. No special units need to be ordered or estimated. These walls display a natural split-face texture. Once installed, they are virtually maintenance free.

To get information about Versa-Lok, visit the web site: www.versalok.com/wall or call 800/770-4525.

Circle No. 272



Parker Truck Loader moves bulk debris

Parker Sweeper's 16-hp Truck Loader picks up large quantities of leaves, grass clippings, mulch and other bulk debris. Its high-speed, 4-blade impeller is made of computer-balanced steel to provide maximum vacuum power and durability. The housing is made of 12-gauge steel and the frame with 1 1/8" tubular steel. Features a 16-hp Briggs & Stratton twin overhead valve Vanguard engine.

The 16-hp Truck Loader is equipped with a durable 10" X 15" steel ribbed flexible industrial pickup hose and two operator comfort handles. Stacking 18" extensions provide an efficient discharge system. Additionally, its exhaust chute can swivel 360 degrees to discharge debris in any direction and features an adjustable locking deflector. The unit is available with a wide variety of accessories.

Contact Parker at 630/627-6900, and say you saw their loader in Landscape Management, or

Circle No. 274

Liquid plant nutrient products

Tessengerlo KERLEY, Inc., offers a new line of liquid plant nutrient products under the firstTurf liquid fertilizer label. These products have been especially formulated for the golf course, sports turf and lawn care markets.

The firstTurf line consists of seven different formulations that provide a variety of nitrogen, phosphorous, potassium, sulfur and other nutrients. The plant nutrient line includes KTSR (0-0-25-17S), as well as 5 different formulations containing slow-release triazone nitrogen. These are: N-SURER (28-0-0-), N-SURER-PRO (30-0-0), N-SURER-LF (26-0-0), N-SURER-KS (15-0-12-8S), and N-SURER-TG (9-6-8). Rounding out the line is NFE (14-0-0-4Fe), a liquid combination of nitrogen and iron for the correction of iron deficiencies in turf, trees and ornamentals.

Contact Tessenderlo KERLEY at 602/528-0607, or

Circle No. 273

Kubota's two new small tractors

Kubota's two new lawn and garden tractors, the TG1860 and TG1860G, are equipped with either a 48" or 54" mower and are powered by liquid cooled engines. Rated at 18 hp/35.7 cubic inches, the Kubota TG1860G offers the convenience of fuel-efficient, quiet gasoline engine power. The TG1860 features Kubota's 18-hp diesel engine.

Kubota's electronic rack-and-pinion steering is introduced on the TG-Series. The speed-sensitive steering system allows precise



control without loss of horsepower while turning. Also standard on the TG series is Kubota's Cushion Ride suspension system, two spring-loaded shocks connected to the flat operator's deck.

Kubota markets a complete line of tractors from 12.5 to 91 PTO horsepower, along with a line of performance-matched implements and related equipment. For more information, contact Kubota at 888/458-2682 or

Circle No. 275

New central control system

Cirrus, the newest, computer-based central control system from Rain Bird's Golf Division, uses the latest technologies for golf course irrigation management.

Cirrus uses Global Positioning System technology and CAD to produce detailed, on-screen course images. It also can alert the superintendent of conditions favorable to pests and various turf diseases.

Cirrus is designed to run on the Microsoft Windows 95 operating system. It uses all the features of the Stratus and Nimbus central control system series introduced in 1995 and 1996.

For more information, call 626/812-3600 and tell them you read about it in Landscape Management, or

Circle No.276



WaterStax cleans golf course wastewater

Landa, Camas, WA, acquired WaterStax, a bioremediation wastewater treatment system for golf courses.

The WaterStax, with nearly 50 installations nationwide, consists



of three tanks, a grass clipping removal assembly, and automated pumps for controlling the use of BioStax GC, the proprietary solution of microbes that breaks waste like oil, grease, hydrocarbons, and grass clippings into harmless substances consisting mainly of carbon dioxide and water. The resultant water can either be dis-

charged to the sanitary sewer or irrigated back onto the course.

Fungal antagonists at work

Soil Technologies Corp.'s TurfTech Bio combines the proven effectiveness of TurfTech II with a selection of fungal antagonists. It's the ideal product for those seeking a biological alternative to improve soils and plant health.

TurfTech Bio comes in an easy-to-use dry, dormant form which is mixed with water for spraying or injecting into irrigation systems. When compared with expensive on-site fermenters, TurfTech Bio is an excellent choice for enhancing the rhizosphere and optimizing plant health.

When applied in the soil TurfTech Bio's blend of beneficial organisms goes to work enhancing the rootzone and improving soil and plant health. By preventing the growth of harmful soil fungi such as Pythium, Fusarium and Rhizoctonia, fungicide usage can be minimized.

For more information contact Soil Technologies Corp. at 515/472-3963 or e-mail: soiltech@lisco.com, or

Circle No.278

The WaterStax processes wash water at a rate of 1,000 gallons per day with peak flow capacity at up to 15 gallons per minute, well within the ranged needed for a typical wash operation.

For more information about WaterStax, contact Landa at 800/547-8672, and tell them that you saw their product in LANDSCAPE MANAGEMENT, or

Circle No. 277