

# PRODUCTS

## Heavy-duty sprinkler handles abrasive water

Rain Bird says The Tough Bird heavy duty pivot sprinkler (model 85EHD-LA) was developed for use in the highly abrasive water conditions nor-



mally experienced on center pivot machines.

According to Rain Bird, the sprinkler's 17° body performs well in areas experiencing extreme winds.

The sprinkler bearing is completely protected from dirty water intrusion, resulting in extremely long bearing life in the demanding conditions of center pivot use. This is accomplished by the newly designed hooded top seal assembly, which completely encloses the upper bearing area, coupled with Rain Bird's "H" style bearing with a beefed up bearing washer stack.

Rain Bird says the locking friction collars are virtually indestructible, and have extended tabs for improved performance. The arm and upper trip are reinforced with stainless steel buttons to inhibit wear at the interface of the arm and upper trip.

The newly designed trip assembly is manufactured with heavier brass sections, and features hooded bearings to maximize reliability and to eliminate wear at the interface of the trips.

Circle No. 191 on Reader Inquiry Card

## New adjustable sprinkler has many applications

The I-40 ADS from Hunter Industries is an adjustable arc sprinkler designed for sports fields, golf courses, cemeteries and other large turf areas.

The highly versatile sprinkler may be set at any arc between 40° and 360° with a simple adjustment that can be made when the water is on or off. For installations that require full circle coverage, the I-40 is available as model I-40-36S, a fixed 360° circle.

Both models are supplied with five interchangeable nozzles to vary the radius and discharge rate. The radius

may be varied from 45 feet to 67 feet; the discharge rate may be adjusted from 7 gpm to 25.3 gpm.

Hunter says the sprinklers include safety-cushioned rubber covers and reliable stainless steel risers. Vandal-resistant features include a 1 $\frac{5}{8}$  inch exposed surface diameter and heavy-duty retraction spring.

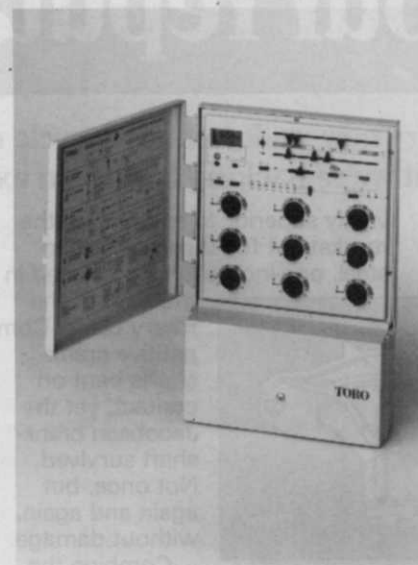
A drain check valve with up to 15-foot change in elevation is also standard.



Circle No. 192 on Reader Inquiry Card

## Water efficiency goals the quest of controllers

The Vision II irrigation controllers from Toro offer dual programming in



six-, nine- and 12-station models, up to 14-day scheduling and three watering start times per program. The cabinets come in plastic or metal, with a

pedestal mount option available for metal cabinets.

"We're seeing increasingly frequent droughts, depletion and pollution of our groundwater resources, says Wade Terry, director of sales, marketing and service. "Water conservation today is imperative."

These state-of-the-art controllers feature an exclusive Water Conservation Control that lets the user adjust all watering run times from 25 percent to 200 percent. Dual programming makes the Vision II compatible with a variety of lawns and gardens. A Watering Delay system lets the user turn the system off temporarily for one to four days; restart is automatic.

Circle No. 193 on Reader Inquiry Card

## Injectable wetting agent saves water, labor

Aquatrols is introducing a new soil wetting agent formulation, AquaGro Injectable, for injecting into golf and landscape irrigation systems. Injectable is a low-viscosity formulation containing 33 percent AquaGro soil wetting agent. The new formulation can be injected into irrigation systems using any commercially available irrigation injection pump.

With AquaGro Injectable, the user can easily adjust rates and application frequency to obtain the desired level of wetting agent performance and economy.

"Golf course superintendents are telling us that injecting soil wetting agents is an ideal method of applying them to get the benefits all over the course, especially fairways," says Robert Moore, company president.

Aquatrols says the AquaGro Injectable will reduce water run-off and evaporation and enhance the performance of water soluble chemicals. AquaGro is available through more than 100 turf distributors across the country.

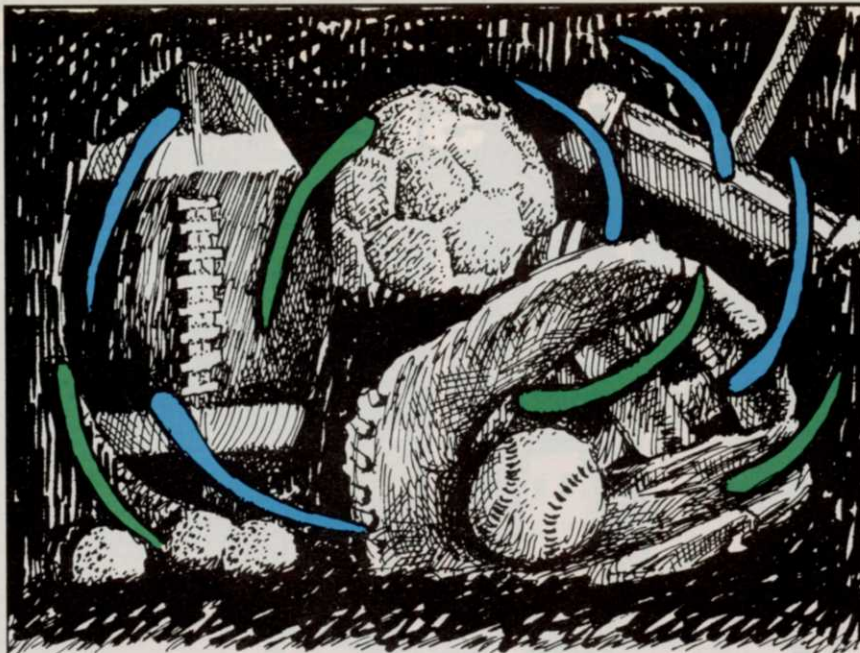
Circle No. 194 on Reader Inquiry Card

## New line of backflow prevention devices ready

Buckner, Inc. recently released a full line of pressure vacuum breakers, double check and reduced pressure backflow prevention devices.

The devices are available in sizes ranging from 1/2- to 2-inches, and incorporate a removable bronze seat. They are available with or without ball valves. All ball valves and test

continued on page 104



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**B**ecause All★Star resists sod webworms and other turf insects as well as brown patch, leaf spot and crown rust, you have a low maintenance turf. And where else will you find such a uniform, richly textured, thick, dark-green turf? That's why it's named All★Star! It grows well with bluegrasses and fescues.

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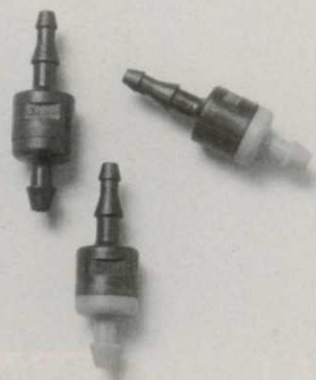
JACKLIN SEED CO.  
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cocks are resilient seated.

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### Lawn edger designed with four cycles

Homelite Division of Textron, Inc. has developed a new four-cycle lawn edger, the model E300HD. Homelite says innovative features, heavy-duty



construction and compact design make this unit the ideal edger for the commercial user.

Homelite says state-of-the-art components make the E300HD more efficient and almost maintenance free. A magnetron solid-state ignition provides reliable starts with no maintenance. A ball-bearing cutter head gives the unit long life and smooth performance. A wide front wheel provides stability and balance and makes the unit easy to maneuver in tough edging situations. The blade depth control is at the operator's fingertips for precise depth control when edging along curves. A simple lever permits four-position cutterhead adjustments for bevel cutting (either right or left angles).

Circle No. 196 on Reader Inquiry Card

### Large mowing unit covers lots of ground easily

The Hustler Range Wing attachment

Circle No. 101 on Reader Inquiry Card

from Excel Industries covers more than 12 feet of turf in one pass.

Excel says the Range Wing is the only commercial wing mower on the



market that can turn 360 degrees within its own width.

The main deck of the Range Wing mower attachment is an upfront, 72-inch dual trim deck with 9<sup>1</sup>/<sub>4</sub>-inch offset trim capability on both sides. Each side wing is 48 inches wide with rear discharge and can be raised or lowered separately to easily maneuver around obstacles and through gates. Each deck floats independently up to 20° above and below the terrain, resulting in a smooth even cut that virtually eliminates scalping. Single or dual wings can be used on Hustler models 340, 400 and 440.

Hustler's efficient deck drive system allows for more power with a smaller engine, making it one of the

best large acreage mowing values on the market today. All Hustler mowers feature one-hand hydraulic steering for true zero-degree radius turning and total control of forward and reverse speeds, braking and turns.

Circle No. 197 on Reader Inquiry Card

### Diesel-powered mower offers cruise control

Gravely's first diesel and newest, largest commercial mower is the Pro Master 30-H. It features a 30-hp Yanmar diesel, Sundstrand hydrostatic



transmission and 72-inch deck. Built for fast mowing and dependability, it turns leaving a zero-uncut-circle. The

Pro Master is equipped with a direct-drive PTO.

Power steering and cruise control are standard.

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### Five-gang mower converts to a verticutting unit

The hydraulically driven 5-gang



Verti-Reel cutting unit from Kubota is two units in one.

A quality cut blade reel mower easily converts to a verticutting unit. The cutting height can be precisely set from 3/8 to three inches. The Kubota line of Verti-Reel products provides complete mowing and cutting units designed and built for total turf management.

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continued on page 108

# "WE SPRAYED 62,000 ROSES WITH WILT-PRUF AND LOST LESS THAN 50!"

— Tony Notaro, owner, Larchwood Construction Co., Holtsville and Rochester, N.Y.

Tony Notaro's landscaping business has grown from zero to one of the 25 largest in the nation in just 32 years.



Tony and daughter Kathy inspect a juniper before planting.

Notaro was landscape contractor for the Levittowns, planting 14,000 homes on Long Island, 5,000 in Delaware and Virginia and 3,000 in Florida. He most recently completed a million dollar landscape renovation of the Flushing Meadow Zoo in New York City. That landscape includes rare and exotic plants, plus wildflowers and other meadow grasses.

"We transport and plant lots of 12-to-24 inch caliper trees," Notaro said. "The nursery

digs and tags the trees. Our standard procedure is to require the supplier or grower to spray the trees with Wilt-Pruf before we start to dig. We like to hold freshly dug trees in the shade for about 10 days and keep the wrapped ball wet on each tree during the entire period."

Notaro takes pride in his landscaping business. That's just one of the reasons he uses and recommends Wilt-Pruf.

Wilt-Pruf is the proven way to reduce moisture loss and drying out when plants are under stress. Order from your distributor today.

A longtime member of the Associated Landscape Contractors of America (ALCA), Notaro encourages landscapers to join ALCA to stay up-to-date on technical knowledge and exchange information.

P.O. Box 469, Essex, CT 06426-0469 Tel. 203/767-7033



Circle No. 177 on Reader Inquiry Card

**PRODUCTS** from page 106

**New triplex mower steers easily, with 62-inch width**

The Jacobsen Greens King IV comes with newly designed, easy-on/easy-off grass catchers.

Easier steering is another feature. The cutting units "float" to follow ground contours. Patented steering



action virtually eliminates marking during turns. Reels lift with a convenient foot pedal, and stay level while raising and lowering to prevent scuffing.

A 62-inch cutting width means 18 average-sized greens can be mowed in under four hours.

The Greens King IV is the only triplex available with the patented Turf

Groomer greens conditioner, to make greens healthier and faster.

Circle No. 200 on Reader Inquiry Card

**Single-arm mower offers choice of cutting heads**

The Micro-Mower Company has a new, single-arm mower for 15-30 hp compact tractors.

The mower offers a choice of cutting heads: EPA 52-inch multi-purpose rotary head and a reversible 41-inch high speed flail. A unique "hydra-hover" floating arm system allows the cutting head to "float" and follow the contour of the turf, reducing the chance of scalping.



Micro-Mower says the mowers are self-contained and attach to the three-point hitch to facilitate easy mount-

ing. The unit reaches to the left and right side, up to 92.5 inches from the center of the tractor.

Circle No. 201 on Reader Inquiry Card

**Drug testing kit yields instant results**

The Wells Fargo InstaScreen drug screening system gives fast, reliable and affordable tools against employee drug abuse.

Using urinalysis, the patented InstaScreen test helps you instantly confirm the presence or absence of five controlled substances: marijuana, cocaine, heroin, amphetamines or PCP.

InstaScreen is completely self-contained, allowing applicant to be screened in your own facility, eliminating chain of custody worries, refrigeration, long time delays, as well as the possibility of contamination or losing a specimen.

Circle No. 202 on Reader Inquiry Card

**Tree chipper features hydraulic feed system**

The 19L Tree Bandit whole tree chipper from Bandit Industries, Inc. features a powerful, yet simple hydraulic feed wheel system close



coupled to the chipper disc, allowing it to reduce very limby whole trees to chips in seconds.

The unique design of the hydraulic swivel chip discharge allows the chips to be discharged in a 220° arch to either side or over the tongue. Chips can thus be blown into a chip box on the towing vehicle, making it possible to work from the roadway, blocking only one lane.

The swivel discharge is convenient for spreading chips on the site and to separate chips into piles.

The loader is located over and to the right of the infeed, providing the operator an excellent view of the infeed spout, the landing and the chip discharge.

The 19L is designed for off-road use. Large, 20-inch tires and dual axles give good ground clearance, flotation and balance.

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Circle No. 176 on Reader Inquiry Card



Vermeer T594

**PRODUCTS** from page 108

**Drainage system safe from aeration tools**

Lesco, Inc. introduces a new, efficient and economical subsurface drainage system for golf courses, athletic fields, lawns, gardens, retaining walls and other areas.

The Lesco Turf Strip Drain is installed in narrow, 2-inch wide trenches in soil deep enough so that it will not be touched by aeration equipment.

It intercepts water flowing through the root zone, shallow ground water and surface runoff and directs it to a storm water outlet.

Normally installed in a grid pattern to take advantage of ground slopes, the Lesco Turf Strip Drain provides up



to 35 percent more water movement than perforated pipe.

The Turf Strip Drain is composed of a high-density, polyethylene core covered by a tough, non-woven, polypropylene, needlepunched, geotextile fabric.

It is 1-inch thick, four, six or 12 inches high, and is shipped in 100-foot rolls.

The core forms a multi-channel structure that provides high flow capacity while the cover fabric permits water penetration from all surfaces. It is resistant to fungus growth and inert to common acids found in soil. It can be used with natural or artificial turf.

**Circle No. 204 on Reader Inquiry Card**

**Roll-Around trimmer easy-to-use, efficient**

Snapper Power Equipment has introduced the Roll-Around Trimmer, an easy-to-use "wheel" trimmer. The 21cc trimmer is easy to start with its

**PLANTING A TREE IS HALF THE BATTLE . . .**

The other half is keeping it alive. Use ROOTS\*, the root growth enhancer, to make your installed trees and shrubs thrive. Landscape contractors use ROOTS for fast root regrowth that reduces transplant shock and helps the tree support its above-ground biomass. Just drench the soil after planting with ROOTS diluted 50 to one. Two ounces of ROOTS (concentrate) to one inch caliper, so a gallon will treat sixty seedlings or ten to twenty large trees.

**REDUCE LOSS IN SOD INSTALLATIONS**

No matter how careful you are when you install sod, stress from drought, heat, poor soil, etc., threaten the life of the turf. New turf needs fast root regrowth to survive. Use two gallons of ROOTS per acre (6oz/1000 sq. ft.), diluted 50 to one with water. Spray the ground before laying sod, or spray the sod after installation.

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If you are not getting the growth, healthy appearance, or flowering that you want in your plantings, you need ironROOTS, ROOTS root growth enhancer plus 3% chelated iron citrate. Use ironROOTS on your turf and plantings once in the spring, once in the fall. Apply like ROOTS.

ROOTS was developed by scientists at the Yale School of Forestry and is widely used for seeding, overseeding, reseeding, hydroseeding, installation, transplanting, and the maintenance of all stressed turf, trees, and plants. Send in for simple explanation of how ROOTS works, and a list of distributors.

**roots inc.**

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Circle No. 161 on Reader Inquiry Card

primer assist mechanism and conveniently located gas tank.

Its two-wheeled chassis is built to carry its own weight, which means less strain on the operator's arms and back. The trimmer's pivoting, adjustable handles, which neatly fold up for easy storage and transport, allow for smooth and precise maneuverability.

Standard features include cen-



trifugal clutch, straight shaft gear head, large fuel tank and a 16-inch cutting swath. The trimmer is designed to use monofilament line.

A throttle guard prevents operation if the trimmer is tilted onto handle bars. **Circle No. 205 on Reader Inquiry Card**

### New software program to calculate quickly

The calculations required in subsur-

face drainage system designs require just minutes with Warren's new Waterworks software.

According to Warren's, calculations using varying rainfall amounts and durations, soil permeabilities, drainage field configurations, barrier layer depths and time-till-playable requirements can be completed in about 15 minutes.

The program uses the latest data in subsurface water movement technology needed to design effective, site-specific drainage systems for large or small turf areas. Designers can match drainage system water removal rates to the specific time requirements for turf area 'playability' after rainfall or irrigation.

The software runs on any MS.DOS-compatible personal computer with graphics capability.

**Circle No. 206 on Reader Inquiry Card**

### New trimmer cuts the big projects down to size

RedMax has added the BC440DWM trimmer/brushcutter to its line of rugged, heavy-duty trimming units.

Designed for the most demanding cutting projects, the trimmer features a powerful 41.5cc engine, 1.48-pint fuel tank, dual-line super autofeed head, debris guard and shoulder strap. The unit weighs 18.2 lbs.

Optional accessories include a 10-



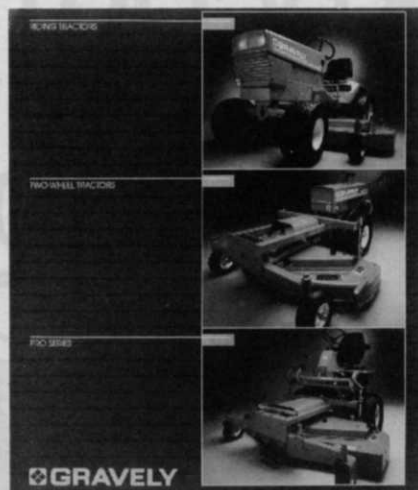
inch metal blade, 10-inch circular saw, 9-inch mower and a steel debris guard.

**Circle No. 207 on Reader Inquiry Card**

### Time to read up on the latest tractors

Gravely's 1990 catalog of outdoor power equipment is available. It features the entire line of two-wheel

tractors, riding lawn and garden tractors and the Pro and Pro Master series of commercial front-mount mowers



and attachments. Also featured are new Gravely commercial products such as the Pro Master 20-H hydrostatic front-mount mower and Gravely's first diesel unit, the Pro Master 30-H hydrostatic front-mount mower.

**Circle No. 208 on Reader Inquiry Card**

### Turf care vehicles explored in depth

Cushman has published its newest catalog of turf care vehicles and accessories.

The catalog covers the complete line of Turf-Truckster vehicles, both 3-wheel and 4-wheel units, with engine choices including 22-hp air-cooled gasoline, 27-hp liquid-cooled gasoline, and 22-hp 3 cylinder liquid-cooled diesel. Also included is the Cushman Runabout vehicle, with 22-



hp air-cooled gasoline engine and a rated capacity of one ton.

Also listed is the full line of accessories and attachments for Turf-Truckster vehicles, including the Core Harvester, dump boxes, seed and fertilizer spreader and four sprayer models.

Optional features described include a live hydraulics package and 540 rpm PTO drive kit, as well as the exclusive Cushman pin-disconnect system that enables the user to field a virtual fleet of turf maintenance



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equipment with a single Turf-Truckster vehicle.

Circle No. 209 on Reader Inquiry Card

### Chipper/shredder models with many features

Six new chipper/shredder models are available from Crary Company. The 3-, 5-, and 8-hp models all feature unique, free-swinging shredding blades that are serrated self-sharpen-



ing, reversible with two cutting edges. Crary says the shredders will make

quick work of twigs, cornstalks, leaves, paper, plastic bottles and more with their unique serrated shredder blades. The 5- and 8-hp models will easily handle logs up to three inches in diameter with their two chipping blades.

Other features include stable 4-point stance, large hopper, various grate sizes, easy to use clutch, and a convenient handle for transporting on smooth or rough terrain.

Circle No. 210 on Reader Inquiry Card

### Trimmer/brushcutter co. adds many improvements

Shindaiwa has introduced the T-27 trimmer/brushcutter as a follow-up to model T-25.

A 27.2 cc engine delivers 1.5-hp of high-torque power at 8,000 rpm. The T-27 weighs 12.3 lbs. A 60-inch shaft lets the user stand upright during operation.

Standard equipment includes electronic ignition, TK diaphragm carburetor, approved spark arrestor, muffler with replaceable screen, a full anti-vibration system that encompasses engine, grip and handle, auto-

matic centrifugal clutch and a fully automatic trimmer head.

Other features include high-capacity flywheel fins for efficient forced-air cooling; easy-access kill switch; automatically adjusting fuel tank breather to prevent vapor lock; externally mounted lightweight polyethylene fuel tank; and an air filter silencer that makes for quieter operation.



Circle No. 211 on Reader Inquiry Card

### Chipper called fastest disc-design around

The Promark Model 395 Brush Chipper features a chipping capacity of up to 9 1/2 inches. At 175 rfm, it is the fastest disc design chipper in the industry. The 395 also features several new safety and time-saving mainte-



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Circle No. 143 on Reader Inquiry Card

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nance features. Gas and diesel engine options are available. The Promark 395 is ideal for use by tree service companies, landscapers, municipalities and other commercial applications.

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### Hybrid controllers precise, advanced, easy to program

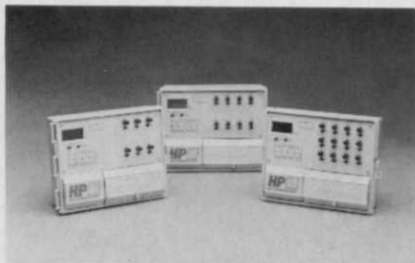
Rain Bird's new HP Series of high-performance hybrid controllers combines the ease of electromechanical programming and the precision of solid-state design with advanced water management capabilities.

The HP Series features individual station timing knobs that offer the user simple, easy-to-understand programming.

Dual programming with independent program shut-off and independent water budgeting from zero to 200 percent permit precise control of irrigation schedules for efficient water use.

A rechargeable battery circuit keeps a nicad battery fully charged to maintain time, program and an active display for as long as two weeks in the event of a power outage.

Even in a prolonged outage, the HP's permanent program memory retains station run times, program assignments and rain shut-down instructions. Protection from electrical shorts is provided by a diag-



nostic automatic circuit breaker.

The HP Series controllers offer station timing of two minutes to two hours and eight automatic starts per program. They also provide a choice of two-, three-, and five-day fixed-cycle watering schedules or a seven-day variable cycle.

Circle No. 213 on Reader Inquiry Card

### New product designs are worth exploring

Exmark Manufacturing Company's 1989 Extravaganza gave Exmark dealers and distributors the opportunity to learn how to help their customers benefit from new product designs.

"The Extravaganza gives us the chance to help educate and train our

dealers and distributors so they can better serve customers and be more responsive to their needs," says Roger Smith, sales representative.

Exmark believes the Extravaganza allows dealers and distributors to see the company's complete product line first-hand and to learn about each product by examining and testing the different machines.

Foremost among Exmark's innovative new line are the Exmark Explorer 1800, Turf Ranger 1800 and Turf Tracer 1800.

Exmark plans additional demonstrations for other regions of the nation later this year.

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### Dry flowable marker packet reduces applicator contact

Becker-Underwood, Inc. has introduced Turf Mark WSP, a dry flowable formulation of the company's spray pattern indicator in a convenient, water soluble package.

"We've added new convenience to our products," says Dan Burgeson, Turf Products Manager for Becker-Underwood. "And we've made Turf Mark the most convenient colorant available."

Turf Mark WSP is a dry flowable formulation packaged in a water soluble pack. Both the pack and the WSP colorant dissolve quickly and completely in tank mixed solutions of pesticides and fertilizers creating a highly visible blue color.

The blue color shows applicators where solutions have been applied, helping to prevent skips and overlaps, and to help pinpoint and minimize drift. Turf Mark WSP will not affect chemical efficacy.

Becker-Underwood says Turf Mark WSP virtually eliminates applicator contact, container disposal and mixing/handling problems. Turf Mark WSP comes in a pre-measured packet to treat 100 gallons of spray mixture.

Circle No. 215 on Reader Inquiry Card

### Disease guide for turf and ornamentals ready

Proven techniques and products for growing and maintaining healthier, more beautiful turf and ornamental plants are detailed in a new, free publication from Fermenta ASC Corporation.

Each of the first three sections in the 32-page Weed and Disease Control Guide for Turf and Ornamentals provides a chart of proven strategies

for preventing or controlling the principal diseases of turf, ornamental plants and conifers in regions across the U.S.

Each section features descriptions of individual diseases that include a detailed list of symptoms, conditions favoring development, susceptible plant varieties and photographs of diseases.

The guide describes the use of pre-emergence and post-emergence herbicides to control weeds in newly seeded or established turf areas.

Specific information describing spray preparation, application times and rates is supplemented by numerous photographs. The guide concludes with a quick-reference listing of U.S. weights and measures and their metric equivalents to enable easier and more accurate fungicide preparation and application.

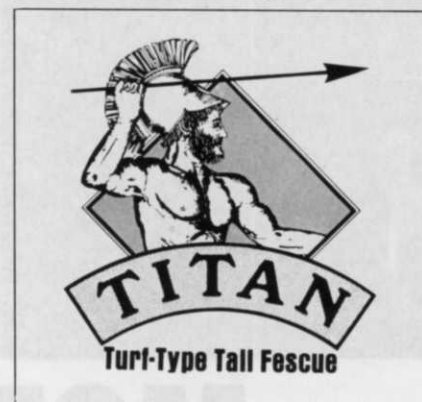
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### Turf-type tall fescue, perennial ryegrass available

Titan turf-type tall fescue and SR 4000 perennial ryegrass are now available from Seed Research of Oregon, Inc., the company announced.

Titan is a leafy, turf type with a broad genetic base.

Characteristics include good summer stress tolerance, disease resistance, persistence and high seed yields. Titan has endophyte levels over 90 percent, which ensures endophyte-enhanced performance, including resistance to



many common turfgrass insects and nematodes, better summer survival, rapid recovery, reduced weed invasion and increased density.



SR 4000 is an attractive, leafy, persistent perennial ryegrass with a bright, dark green color. Seed Research reports SR 4000 has ranked consistently as one of the top ryegrasses in the National Perennial Ryegrass Trials.

In addition to its excellent resistance to many common turf diseases, SR 4000 has high levels of viable endophyte. This ensures endophyte enhanced performance, which includes resistance to many common turfgrass insects and nematodes, improved drought and heat tolerance, better fall recovery and reduced weed invasion.

**Circle No. 217 on Reader Inquiry Card**

### Turf brush designed for better top dressing

With its Sweep Master turf brush, Gandy Company introduces a newly designed tool for improved top dressing incorporation and more effective surface maintenance.

Designed for golf course and athletic field use, the unit measures 40" x 78" and features eight individual brushes set in a double diamond pattern. The upper framework is sturdy 11-gauge steel with 3/8-inch angle

crossmembers. Gandy says the unit is able to flex with the contour of the ground.

The Sweep Master has been designed to give improved blending of soil amendments and reduce chatter or jumping during its sweeping action, leaving a clean appearance on greens, tees, clay tennis courts, sand areas and athletic courts.

The basic brush unit may be ordered with optional category I or II three-point hitches or trailer wheels. The trailer version has wheels which flip up to rest on upper framework and make it handy to move during storage.

The unit weighs from 151 to 180 lbs., depending on options.

In any configuration, the Sweep Master may be assembled to pull from either side to equalize brush wear. The synthetic mildew-resistant brushes are individually replaceable.

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### Fertilizer tablets contain complete micronutrients

Remke Enterprises has introduced a line of two-year fertilizer tablets for the fertilization of landscape installations, field liners and maintenance of

established plantings.

The safe, easy-to-use, pre-measured tablets are available in a 16 gram 14-3-3 analysis and a 21 gram 20-10-5 analysis. Both tablets contain complete micronutrients. Free catalogs and samples are available upon request.

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### Spray tank cleaner works on residues

A new spray tank cleaner that removes pesticide, adjuvant and additive residues from spray tanks has been developed by Precision Laboratories.

Incide-Out is extremely concentrated and neutralizes residues of pesticides. Precision reports it is compatible with all spray tank components and contains corrosion inhibitors to enhance spray tank maintenance.

Incide-Out can be used with hard water, which commonly causes buildup of scum and mineral deposits. Incide-Out will counteract the mineral buildup and rinse the deposits from the tank, according to Precision.

*continued on page 116*



# MORE PRODUCTIVE

**Make better time without having to constantly refill.**

One 1.3-gallon box of Expedite® herbicide can treat the same area covered by a 3-gallon backpack refilled 15 to 25 times! Expedite is also easy to use — yet precisely accurate.

So you reduce the chances for mixing errors and waste.

Make a change for the better. Contact your local Greens Center or call toll-free: **1-800-323-1421**.

Circle No. 144 on Reader Inquiry Card

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

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EXP-0-101 (1)

 **EXPEDITE**®  
THE BETTER WAY TO SPRAY. by Monsanto



## PRODUCTS from page 115

Precision reports extensive testing of the new product by agricultural and turf research agencies. The agencies report that Incide-Out effectively penetrates pesticide and additive residues and bonds them into the rinse water to allow for complete rinsing and system purging with ordinary water.

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## Walk-along trencher is fully hydrostatic

A new, fully-hydrostatic walk-along trencher, designed with simple, easy to understand operator controls and built-in protection systems, is available from Vermeer.

The Vermeer V-1550 hydrostatic trencher comes equipped with a solid-state ignition, a heavy-duty solenoid starter, compact wide frame design and an 18 hp Kohler magnum engine. The heavy-duty rock and frost digging boom, with a 7-inch diameter end idler, can be set to dig 4-10 inches wide, down to 48 inches deep.

The 1,480-lb. unit features infinitely variable fluid power to both drive and working attachments with a two-speed gear box that's completely enclosed and lubricated within a large



10-gallon capacity hydraulic oil reservoir.

The 2-speed gear box creates a low-speed range that ensures total operator control in creep.

The larger fluid power capacity also delivers substantially more torque to an optional front-end boring attachment. A mechanical no-spin differential provides extra traction. An optional oil cooler is available for heavier, longer usage and hotter conditions.

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## Lyme disease fighter in different sizes

EcoHealth, Inc., the makers of Damminix for control of Lyme disease carrying ticks, announced that a 96-tube box of Damminix is now available to professional applicators under the name of "Damminix—For Professional Use."

This product line will be sold at reduced rates to public agencies and non-profit community groups who use Damminix to protect public access areas.

"Professional pesticide applicators and public agencies asked us to develop a package just for them," says Alexander Kovel, president of EcoHealth. "We responded by packaging Damminix in a larger box and by introducing special pricing for public agencies and non-profit groups treating public land."

EcoHealth says the price for public agencies has been reduced by one-third from 1989 prices for an equivalent amount of product, reflecting production cost savings and a company commitment to make an important public health protection product available for public open space.

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# MORE PROTECTION

## Closed system offers better worker protection.

Expedite® herbicides are premeasured and premixed. So you don't come in direct contact with them. You simply connect the Expedite lance hose to a sealed 1.3-gallon box of herbicide. Then set the lance and you're ready to spray.

Make a change for the better. Contact your local Greens Center or call toll-free: **1-800-323-1421**.

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