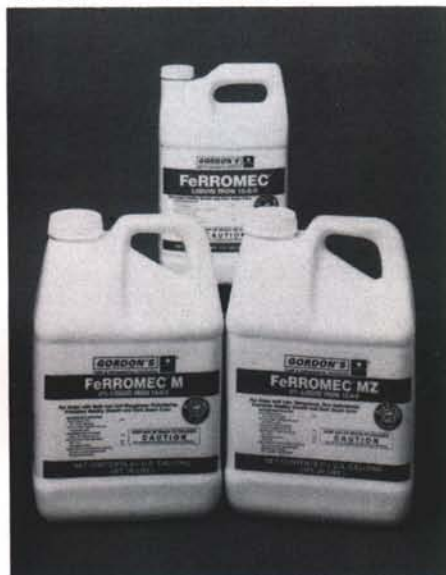


# ROOKIES

## PRODUCT UPDATE

### IRON PLUS MICRONUTRIENTS



Micronutrients have been added to two new formulations of Ferromec Liquid Iron to correct deficiencies in the soil and increase the uptake of iron by plants. In addition to Ferromec's patented combination of ferrous iron, nitrogen and sulfur, the new formulations contain manganese and zinc.

Iron is important to the production of chlorophyll in plants and imparts a dark green color to turf. Some soils lack adequate iron or prevent iron uptake by plants. These include soils that are sandy, have low organic matter content, are alkaline, have high levels of calcium carbonate (lime) or lack certain metals such as manganese or zinc.

The new formulations of Ferromec correct shortages of iron, manganese and zinc to restore chlorophyll production to a healthy level.

**PBI GORDON CORPORATION**

Circle 131 on Postage Free Card

### TRAVELING SPRINKLER



It's nearly impossible to keep an important sports turf area in condition without ir-

rigation or a heavy rain at least once a week. Turf managers in areas with seasonal rain shortages who do not have the budget for permanent underground irrigation can protect important turf against drought damage with Water-Reels. Connected to any municipal water supply, the cart is pulled toward the Water Reel as it irrigates. The machine shuts off automatically when the cart arrives at the reel.

The model B130 can irrigate a standard football field in two passes in a few hours. It can apply one inch of water to 13 acres in a standard five-day work week. The portable unit can be moved easily from field to field as needed.

**KIFCO, INC.**

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### VACUUM SWEEPER



With the growing popularity of sand topdressing and sand-based rootzones for golf course greens, tees and athletic fields, the engineers at Turf Vac Corp. decided their vacuum sweepers should be able to pick up loose sandy materials from turf in addition to regular debris.

By increasing the suction delivered by a four-foot-wide vacuum scoop, their CM-4 Coremaster can now remove sand aerification cores and the fine layer of excess sand sticking to foliage after topdressing is applied. By using the sweeper, golf course superintendents can put topdressed or aerified greens and tees back into play quickly without inconveniencing golfers.

High floatation tires spread out the weight of the sweeper and its load of debris on sensitive turf areas. The self-powered unit does not require a tractor PTO and can be pulled by most turf vehicles and light-weight tractors.

**TURF VAC CORPORATION**

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### ATV OFFERS TRACTION TO FIT CONDITIONS



The 1987 Trail Boss all-terrain vehicle is the first ATV to offer automatic, on-demand four-wheel drive. When the rear wheels begin to lose traction, a newly-designed hub clutch engages the front wheels automatically. Once the rear wheels regain traction, the front wheels are automatically disengaged.

There are no levers to pull or hubs to lock in or out. All switching occurs automatically with the vehicle in motion. The manufacturer says the on-demand feature provides extra traction when needed without stopping and eliminates the negative aspects of four-wheel drive when extra traction is not required.

**POLARIS INDUSTRIES, INC.**

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### GRASSY WEED CONTROL

Selective control of grassy weeds in cool-season turfgrasses is now practical with Acclaim herbicide from Hoechst-Roussel. When sprayed on turf infested with crabgrass, goosegrass, foxtail, barnyardgrass, panicum or johnsongrass, Acclaim slowly eliminates these weeds in two to three weeks without harming the desirable turf. The herbicide is safe to apply on turf areas containing perennial ryegrass, fine fescue, tall fescue, Kentucky bluegrass and annual bluegrass.

For best results, apply Acclaim with 30-60 gallons of water per acre with a flat fan nozzle. It can be mixed with some preemergence herbicides but mixing with common broadleaf herbicides like dicamba and 2,4-D reduces its effectiveness. Control is most effective when weeds are in the two- to three-leaf stage.

Fescues or ryegrasses may be overseeded into turf treated with Acclaim without harm. Avoid applications to exposed seed. Mowing of newly-treated areas should be delayed two days to give the systemic herbicide time to enter the target weed's foliage.

**HOECHST-ROUSSEL AGRI-VET CO.**

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# ROOKIES

## PRODUCT UPDATE

### ROTARY SPRINKLER



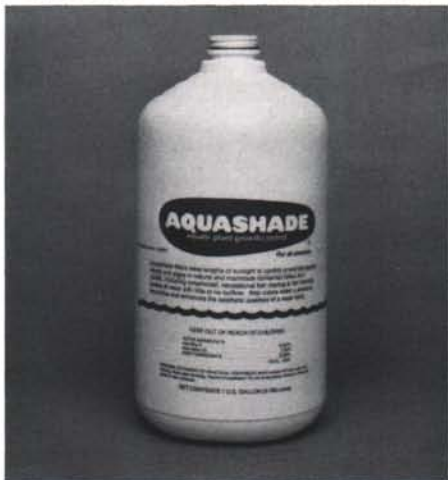
A stainless steel sleeve is now available on Toro 610 rotary sprinklers for added durability in sandy or corrosive soils. The gear-driven, pop-up sprinklers can be installed as low as 1/2 inch below grade in parks, on fairways and athletic fields. A stainless steel spring assures complete retraction of the sprinkler and resists prying up by vandals. The sleeve seal keeps out debris and helps eliminate stick-up problems in nearly any soil condition.

The brass and plastic gears, provide smooth, quiet operation along with the strength to withstand high pressure water surges. The top of the sprinkler in the retracted position is only 2 3/8 inches in diameter to help hide the sprinkler in the turf.

**TORO IRRIGATION DIVISION**

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### AQUATIC WEED CONTROL



Instead of using herbicides to kill algae and noxious aquatic weeds, Aquashade blocks out sunlight these weeds need to grow. The non-toxic material does not harm fish or desirable plants such as lilies on the surface of the water.

Aquashade's teal blue color replaces the

green color of algae-infested water. The colorant prevents sunlight from reaching subsurface weeds thus inhibiting photosynthesis. Without photosynthesis, the plants can't grow.

**AQUASHADE INC.**

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**PARKER SWEEPER COMPANY**

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June, 1987 37



# ROOKIES

## PRODUCT UPDATE

### MANIFOLD TEE



Installation of more than one valve on a single irrigation line can be like putting a puzzle together. Each valve has to be properly spaced and aligned to assure proper operation without leaky joints. AMS Plastics has simplified multiple-valve installation with its Pree-Set Manifold Tee.

The one-piece tees have two or three outlets to provide proper spacing and in-line angle positioning without unnecessary joints that can leak. They can also be connect-

ed in a series to accommodate any number of valves. A key and groove system ensures proper port alignment.

Suitable for anti-syphon and angle valve installations, the tees are constructed of Schedule 40 PVC with Schedule 80 thickness around ports for maximum strength.

#### AMS PLASTICS

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### WALK-BEHIND OVERSEEDER

An overseeder unit for Ryan's Mataway provides lightweight, single-pass drill seeding for golf course greens, tees and other small turf areas. A special overseeder reel with disc blades cuts ten grooves two inches apart. See-through tubes deliver a precise amount of seed from the hopper into each groove.

The overseeder unit can be removed by taking out four pins so the Mataway unit can be used for power raking and vertical mow-



ing. Retrofit kits for existing Mataway units will be available in 1988.

#### OMC LINCOLN

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# ROOKIES

## PRODUCT UPDATE

### ANCHOR GUN



Like a large staple gun, Anchor It by Standard Golf secures sod, greens covers or landscape sheeting to the soil without tedious hand work. Six-inch-long steel staples are thrust through the material and into the soil when the spring-loaded handle is pressed down. The staples can be removed at a later date or allowed to rust away.

The gun holds up to 50 staples and is easily and quickly refilled. Constructed of cast aluminum, the gun weighs less than ten pounds.

Anchor It speeds up staking of sod or covers, especially on slopes and large areas. Sod can be secured as soon as it's rolled into place to eliminate shifting and to prevent damage to new roots entering the soil.

**STANDARD GOLF CO.**

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### RYEGRASS BLEND

Improved generations of three strong perennial ryegrasses are the components of CBS II ryegrass blend from Turf-Seed Inc. The new generations of Citation, Birdie and Omega have added stem rust resistance, darker green color, wear tolerance and improved mowability to the fast-germinating blend of ryegrasses. Drought and shade tolerance have also been improved.

New seedings of four to five pounds per 1,000 square feet or overseedings at 30 to 40 pounds per 1,000 square feet result in dense, wear-tolerant and attractive turf for winter greens, athletic fields or parks.

**TURF-SEED INC.**

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### MOTORLESS SPRAYER

No batteries, engine or hoses are needed to operate the Greens Wheelie by Wheel Spray. A ground-driven pumping system

sprays liquid fertilizers, herbicides, pesticides or growth regulators in a six-foot-wide swath. The ten-gallon, corrosion-resistant tank holds enough solution to treat 12,000 square feet of turf without refilling. A wide lid on the tank allows for easy filling and cleaning.

Shut-off controls on the handle let the operator open one or both nozzles at a time. The amount of chemical applied is relatively unchanged by the speed at which the sprayer is pushed. Application rates are adjustable from 800 to 1,200 square feet per gallon. The shut-off valves feature stainless steel sleeves and plungers.

**WHEEL SPRAY CORPORATION**

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### GRANULAR FUNGICIDES

The Environmental Protection Agency has approved two granular formulations of Bayleton Turf Fungicide. Bayleton, a systemic fungicide that is absorbed rapidly by turf, controls diseases, including dollar spot and summer patch, from within. The granular formulations provide disease control for turf managers who do not have liquid application equipment. Drop or rotary spreaders can be used to treat turf areas with the fungicide granules.

Rates vary from 1.5 to 6 pounds per thousand square feet depending upon the disease to be controlled and the percentage of Bayleton in the formulation (0.5 or 1 percent). The manufacturer suggests irrigation following application to assure rapid absorption of the fungicide by the turfgrass.

**MOBAY SPECIALTY PRODUCTS**

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### LIQUID FERTILIZERS

An assortment of liquid fertilizers containing micronutrients is available from National Liquid Fertilizer Corporation. The Envy line includes complete fertilizers containing important metals and micronutrients such as iron, boron, copper, manganese, sulfur and zinc. The liquid concentrates and soluble powders mix easily with water for application by standard spray equipment.

By providing premixed concentrates and soluble powders, the manufacturer saves the sports turf manager concern over compatibility when mixing his own components. The Envy line also includes fertilizers with wetting agent, herbicides and soil amendments.

**NATIONAL LIQUID FERTILIZER CORP.**

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# ROOKIES

## PRODUCT UPDATE

### MULTI-USE BENCHES



Redwood and aluminum benches by Par Aide serve a wide variety of outdoor or indoor seating needs. Available with or without backs and in a wide variety of colors, the low-maintenance benches provide attractive seating for tees, beside tennis courts, or in locker rooms.

The redwood seats are available with high-impact, laminated plastic covering for locations where golf spikes or cleats are a problem. The seats maintain their natural beauty regardless of exposure to moisture or weather conditions. The sturdy, cast-aluminum end frames do not rust and come in a variety of colors.

**PAR AIDE PRODUCTS CO.**

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### NATURAL FUNGICIDE

Bacteria contained in a fertilizer and soil conditioner called Lawn Restore have the ability to control necrotic ring spot and other patch diseases of turf. The bacteria produce natural compounds that effectively eliminate the fungi attacking turf, according to recent studies at Michigan State University (MSU), E. Lansing, MI.

The natural fungicide has been test marketed in six midwestern states for more than two years. Ringer Corporation, manufacturer of the product, began marketing it on a national basis in March.

Dr. Joe Vargas, Jr., turfgrass pathologist at MSU, said natural bacteria contained in Lawn Restore produce substances which attack disease-causing organisms inhabiting turf. "It really is a breakthrough for biological pest control," Vargas said. Rather than applying a fungicide to attack the diseases, you apply a fertilizer containing bacteria which produce natural fungicides. In addition to controlling diseases, the product also increases the natural breakdown of thatch and serves as a source of slow-release nitrogen.

**RINGER CORPORATION**

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### ANNUAL BLUEGRASS CONTROL

Annual bluegrass (*Poa annua*) with its light green seedheads and poor drought tolerance can harm the appearance and playability of fine sports turf areas. Control methods are aimed at reducing the amount of seed produced by annual bluegrass or preventing the seed from germinating. Aqua-Gro L reduces the formation and development of annual bluegrass seedheads.

Applied within ten days before seedheads form and again ten days later, the wetting agent cuts down the number of seedheads and improves the movement of water into the soil. Four ounces of the material mixed with five gallons of water is recommended for application for every 1,000 square feet of turf on golf course greens, tees and collars. Higher rates are used on fairways.

**AQUATROLS CORPORATION**

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