

ROOKIES

PRODUCT UPDATE

cation schedules are developed based on the individual needs of the area represented by the soil samples. Then fertilizers, trace elements and soil amendments are custom blended to meet the unique needs of your course.

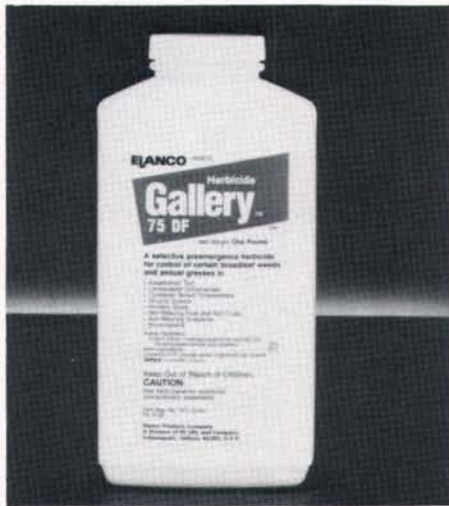
According to the manufacturer, the system offers better looking turf, deeper and more aggressive root systems, quicker healing divots and ball marks, more stress resistance, greater resistance to insects and fungus, better weed control, and better utilization of water.

ECO SOIL SYSTEMS

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PREEMERGENCE HERBICIDE REGISTERED

Preemergence control of certain broadleaf weeds and annual grass in turf, groundcovers, and ornamental beds is now possible with Elanco's newly-registered Gallery. The dry flowable formulation mixes



easily with water and can be used in combination with many other turf and landscape chemicals.

When applied in the spring or fall, the new herbicide will control annual grass and 44 different broadleaf weeds before they

emerge. Once applied, it must be activated by 1/2 inch of rainfall or irrigation within 21 days. Established turf can be safely reseeded in the fall following a spring treatment.

The active ingredient, isoxaben, is safe to use at labeled rates in both cool- and warm-season turf, in groundcovers, and near a wide range of shrubs and trees. Chickweed, henbit, plantain, purslane, oxalis, spurge and white clover are among the broadleaf weeds controlled.

ELANCO PRODUCTS COMPANY

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INFILTRATION METER

Infiltrometer, from Turf-Tec International, measures the percolation of water in soils without disturbing the turf. By measuring the water rate that enters the soil, adjustments to the irrigation system can be made.

The correct amount of water can be applied to the turf without wasting water or

continued on page 32

Olathe SLIT SEEDERS/DETHATCHERS for turf professionals

With Olathe Slit Seeders you: • use less seed • get higher germination rates • have a healthier root system • thin out thatch and undesirable species • provide safer turf for sport areas • achieve the most important goal in over-seeding, namely, seed to soil contact.



MODEL 85 — 5 hp Seed 'n Thatch, low cost combination thatcher/seeders.



MODEL 84 walk-behind slit seeder, 18 hp, self propelled.

MODEL 37/38 for tractors in 16-25 hp range, bare dirt capabilities with dual feed hopper.

MODEL 83/93 — 4' PTO model for tractors 25 hp and up. In 1962, Buck Rogers built the first Rogers Slit Seeder. Now, in 1989, he has improved and expanded on his original ideas under the Olathe trademark.

Write or call your local Olathe/Toro dealer for information.

OLATHE MANUFACTURING, INC.

100 INDUSTRIAL PARKWAY, INDUSTRIAL AIRPORT, KANSAS 66031

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PRODUCT UPDATE

CORE DESTROYER



fertilizer. The Infiltrometer consists of a double ring reservoir, float, scale and timer.

TURF-TEC INTERNATIONAL

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The Cushman Core Destroyer attachment is designed to pulverize aeration cores on golf course fairways, T-boxes and sports turf. The unit mounts on Cushman Front Line gas and diesel tractors. A dual hydraulic gear pump mounts directly to the tractor's PTO shaft and runs individual hydraulic motors on each of the two 30-inch reels.

Both reels are equipped with five-inch

diameter reels with steel flail tines. Reels can be adjusted for tine spacing. Tine depth can be adjusted from one inch above the surface to 3/4 inch below for verticutting.

Features include the two flail reels' flexible mounting links that permit two-axis float, side-to-side and fore and aft. This allows the operator to pulverize core over uneven fairway terrain and over berms around greens, without scalping.

The Front Line tractor with a Core Destroyer attachment can be operated up to five mph, enabling the operator to cover about 115,000 square feet per hour. Both 30-inch heads are also equipped with a bedknife-type mulching bar and front deflector flaps, to ensure full destruction of cores.

The reel/mulching bar assembly can be easily lowered for verticutting use. The two heads overlap two inches for full coverage of the surface. Core destroyer adjustments can be made without tools.

CUSHMAN

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- SH-430 (4 Station)



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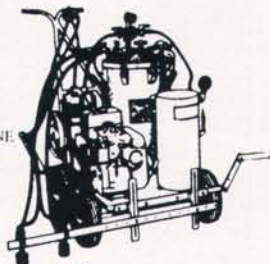
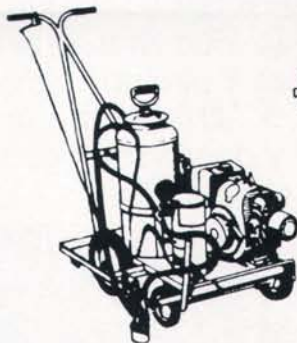
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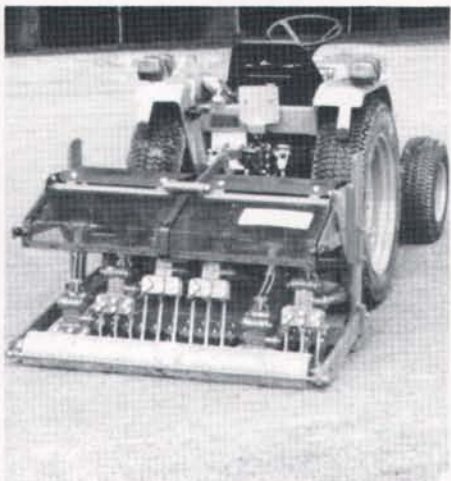
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ROOKIES

PRODUCT UPDATE

DEEP-TINE AERATOR



Verti-Drain's 005.120 deep-tined, 10-inch depth machine offers the same soil-shattering feature that is popular with the 16- and 12-inch versions, but costs approximately 20 percent less. It attaches to small tractors, requiring a minimum of 17 hp at the PTO.

"Now we have bridged the gap for turf professionals between our larger 12- and 16-inch models and the three- to four-inch depth models offered by other manufacturers," said Charles Otto, head of North American sales for Verti-Drain.

The 005.120 model offers both solid tines to a maximum depth of ten inches, and hollow coring tines which can be used to a depth of seven inches. Tine diameters offered are 1/2- and 3/4-inch.

It has a working width of 48 inches and an operating speed of 0.5 mph.

VERTI-DRAIN

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GRASS MIXTURE FOR SPORTS FIELDS

ProTurf Sports Turf is a grass mixture that thrives under difficult growing conditions. It combines quick-germinating Loretta and Accolade perennial ryegrass with Abbey and Victa Kentucky bluegrass to provide good coverage in minimum time.

The attractive yet rugged, fine-textured turf is from O.M. Scott & Sons Company. It gives good, season-long color and has excellent mowing qualities.

This mixture stands up well to the stresses of hard use, heavy traffic, summer drought conditions, and a broad range of maintenance practices and soil and climatic conditions.

O.M. SCOTT & SONS COMPANY

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TRIUMPH FOR GOLF COURSES

With the granting of Special Local Need Labels in many states, Triumph 4E is now available for use on golf courses. The turf insecticide, from Ciba-Geigy Corporation, offers control of turf pests within two to three days of application. The long-lasting residual will consistently control pests for up to ten weeks.

The insecticide comes in a liquid formulation that is easy to handle and mix. Graduated markings on the jug help you measure the precise amount needed per application.

Triumph's low rates can control a broad spectrum of insect pests including white grubs, mole crickets, bluegrass weevils, billbugs, and surface feeders.

CIBA-GEIGY CORPORATION

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All Spray Pattern Indicators are not Created Equal. Even Ours.

There's a good reason. And that's why we make two. **Dy'on** and **Dy'on 'W'**. Dy'on is the original spray indicator . . . the first to show where you sprayed . . . a temporary dye that can be scrubbed off, bleached off, or will slowly fade away in sunlight. Dy'on is also recommended as a pond and lake dye. Other diluted products are worth far less.



Dy'on 'W' (washable) is not a dye but a temporary colorant that needs no scrubbing or bleach to remove. It is equally easy to see as Dy'on yet will rinse off hands, driveways and walkways quickly and easily.

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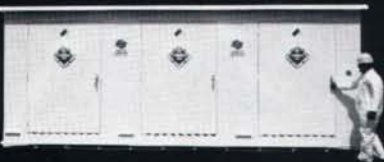
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ROOKIES

PRODUCT UPDATE

VERTICAL CUTTING UNITS

Thatch control and vertical cutting of above ground horizontal growth is possible with vertical cutting units available for the John Deere Model 3325 Professional Turf Mower.

The 30-inch units have fore, aft and lateral axis movement to follow ground contour consistently. The 96 hardened-steel blades per unit are reversible for longer life. There's one inch of wear life adjustment per end. Blade spacing can be set for 1¼ or 2½ inches.

The mower is powered by a 38-hp diesel engine. It features single-lever reel lift control for five 30-inch mowers, two-range hydrostatic drive with two-pedal foot control, cruise control, differential lock, adjustable tilt steering wheel, power steering, 12-function console-mounted monitor, 20-gallon fuel capacity, and headlights.

Optional weight transfer valve, full-size grass catcher and roll-over protection system (ROPS) are also available.

DEERE & COMPANY

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SCOREBOARD

CLASSIFIEDS

CLASSIFIED ADVERTISING RATES: \$45.00 per inch payable in advance. One inch minimum. There are about 50 words per inch. Send copy with check for \$45.00 at least four weeks prior to issue date to: Classifieds, sportsTURF magazine, P.O. Box 8420, Van Nuys, CA 91409. Blind box numbers are available. Special borders and rules will be billed at display advertising rates. Classified ads are not commissionable.

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SPORTSTURF SAND SLIT MATRIX

The Sand Slit Matrix is a cost-effective solution for problem all-weather turf areas. Minimal surface disturbance techniques cause little or no interruption of play. Tired of muddy conditions? (MJ) Reply to:

CAMBRIDGE SPORTSTURF SYSTEMS
P.O. Box 3185, Santa Cruz, CA 95063
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And remember, the whole team is backed by a full five-year, over-the-counter exchange warranty (not prorated).



Mile High Stadium, Denver, Colorado

The MVP Line-up (Left to right)

Model I-10 Shrub,
Model I-20 Pop-up,
Model I-25, Model I-40,
Model I-42 High Speed and
Model I-44 Sod Cup.

◀ Model I-40



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