

ROOKIES

PRODUCT UPDATE

TURF-PROTECTING GRID



A system of interlocking grids can be placed over new sod, seeded areas or established turf to protect rhizomes, stolons and crowns from traffic damage. The grid is tamped or rolled into the turf area. In a few weeks, the grass conceals the plastic grids.

Since the grids are installed on the surface, no excavation is necessary. Mowers, carts and foot traffic are not hampered by

the network of interlocking grids, once in place. Tests with Kentucky bluegrass and bermudagrass have been successful in maintaining grass cover in areas that suffered from compaction without protection.

CHEMPATH INC.

Circle 143 on Reader Service Card

NEW NITROGEN FERTILIZER

N-Sure is a liquid fertilizer containing triazone, a completely new form of nitrogen fertilizer. Triazone offers low burn, stability and controlled availability in one fertilizer solution for both southern and northern turfgrasses.

In field trials N-Sure caused little or no foliar burn and received high ratings for turf color and vigor. Triazone releases nitrogen more slowly than urea but not as slowly as IBDU. It volatilizes four times less than urea. Studies also found that the nitrogen in triazone is released uniformly over an eight-

week period. Applications of up to three pounds of nitrogen per 1,000 sq. ft. did not burn St. Augustine, Kentucky bluegrass and other common turfgrasses.

ARCADIAN

Circle 144 on Reader Service Card

BROADLEAF HERBICIDE

Turflon II Amine is a newly registered herbicide for hard-to-kill broadleaf weeds in turf. By combining two herbicides, triclopyr and 2-4D, Dow Chemical Company has developed a postemergence herbicide which is effective on a broader range of broadleaf weeds in turf.

Rob Peterson, product marketing manager, says wider control of the product reduces callbacks and spot weed control, which translates into labor savings for turf managers. Turflon II is also non-volatile, reducing the chance of drift damage to desirable broadleaf plants.

DOW CHEMICAL COMPANY

Circle 145 on Reader Service Card



Meet the E-Z-GO work force. Tough guys who work dawn to dusk and never take a break.

Built to E-Z-GO's demanding standards, you can expect years of durable performance from these 3 and 4-wheel, gas or electric-powered turf vehicles. Plus lower maintenance costs and little to no downtime.

For every job you've got, there's an E-Z-GO designed specifically to handle it—quietly, efficiently and with the least amount of labor. With carrying capacities up to 1,500 pounds, a complete range of trailers, and adaptability to virtually any accessory, they're a team of superbly versatile workers.

E-Z-GO. Nobody builds them better.

KNOW WHEN TO QUIT.

ROOKIES

PRODUCT UPDATE

SCOREBOARDS

HOME 24	10:08 MST	GUESTS 20	
BALL ON 35	DOWN 4	YDS TO GO 10	QTR 4

A new electric scoreboard can complete a quality stadium field and add to team and fan excitement. A wide assortment of both outdoor and indoor scoreboards and timing boards is available from Nevco, a company with over 50 years' experience in scoreboard design and manufacturing.

Football scoreboards include home and guest scores, time to play, period, ball on, down, yards to go and time outs left. A microprocessor control unit tells the scoreboard operator if he has made a mistake in entry and displays information before it is flashed on the board. The same portable control unit can be used to operate other Nevco scoreboards at the facility.

Scoreboards are available for all sports in five different colors. The units come with a one-year guarantee and free service contract for mail-in repairs.

NEVCO SCOREBOARD CO.

Circle 146 on Reader Service Card

DIESEL GREENSMOWER



Fuel efficiency and additional power are just two of the features of the diesel-powered riding triplex greensmower from Jacobsen. The Greens King IV Diesel is the first diesel-powered riding greens mower in the industry.

It has all the features of gasoline-powered versions, including full-floating and pivoting cutting units and nine-blade reels with power backlapping to keep the blades sharp with less effort. Dynamic braking slows the mower down when the operator lets up on the accelerator pedal. The weight of the

mower is evenly distributed through the frame and wide pneumatic tires.

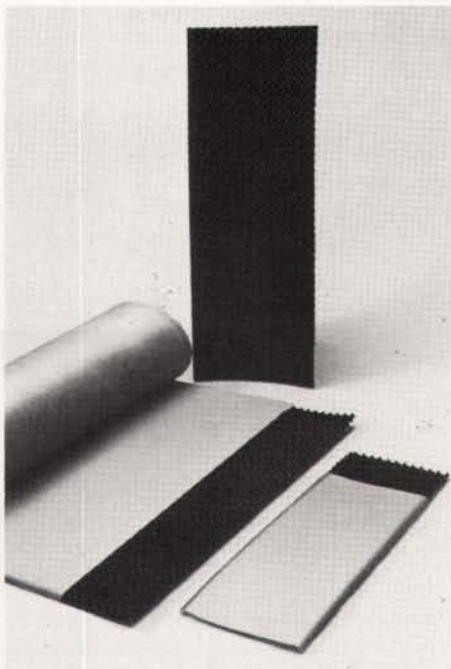
Jacobsen has two new optional attachments for the Greens King IV. The first is a Turf Groomer designed to promote faster, truer greens without lowering the cutting height. The second is an electronic performance monitor that digitally displays the engine speed, ground speed, and reel speed at the touch of a button. By mowing each green at the same speeds, a consistent cut is achieved.

A wide range of attachments and accessories is available to match individual applications, such as solid and grooved roller, brushes, spikers and vertical mowers.

JACOBSEN, DIV. TEXTRON

Circle 147 on Reader Service Card

SOIL DRAINAGE SYSTEM



An alternative to conventional aggregate drains for subsoil drainage is now available and cuts installation time by as much as 50 percent. The Hitek drainage system consists of a prefabricated polyethylene core wrapped in or laminated to a geotextile fabric. While material costs are about the same as conventional aggregate drains, savings in transportation, storage and installation make it more cost-effective.

The material comes in three thicknesses up to 1.6 inches and widths up to four feet. The cusped high-density polyethylene core can withstand up to 10,000 pounds

per square foot before crushing. A company spokesman said a few rolls of Hitek 40 will carry as much water as a conventional aggregate drain made with four truckloads of gravel—yet they will fit in the back of a pickup truck with room to spare.

BURCAN MFG. INC.

Circle 148 on Reader Service Card

SYNTHETIC SOCCER SURFACE

After studying 28 soccer fields in England and Western Europe, AstroTurf Industries has developed a new synthetic-turf surface called System-90 specifically for soccer, field hockey and lacrosse. The research indicated standard AstroTurf was too "cushy" for soccer. The underpad was changed to provide firmer footing and more lively ball action.

The first installation in the U.S. will be at the Busch Soccer Park in St. Louis. The park, located in a flood plain, has five fields, and two will be converted to System-90. The surface also features a porous playing surface, underpad and asphalt subbase which drain into drain pipes. The fields carry a seven-year warranty.

ASTROTURF INDUSTRIES, INC.

Circle 149 on Reader Service Card

TURF GROWTH REGULATOR

The first growth regulators for hybrid bermudagrass fairway turf and St. Augustinegrass are now available from O.M. Scott & Sons. These products slow the growth of turf for up to eight weeks and prolong and enhance greening for up to 12 weeks. The amount of clippings produced while mowing turf treated with the growth regulators is 75 percent less than fertilized turf without growth regulator.

The products increase the density of hybrid bermudagrass turf to provide better playability on sports fields. Two out of three mowings can be eliminated during the eight-week growth reduction period. The manufacturer suggests two applications with the products from June to mid-August.

Two combinations of the growth regulator with fertilizers will be available in limited portions of the South this year. One is for loam and clay soils and the second is for sandy soils.

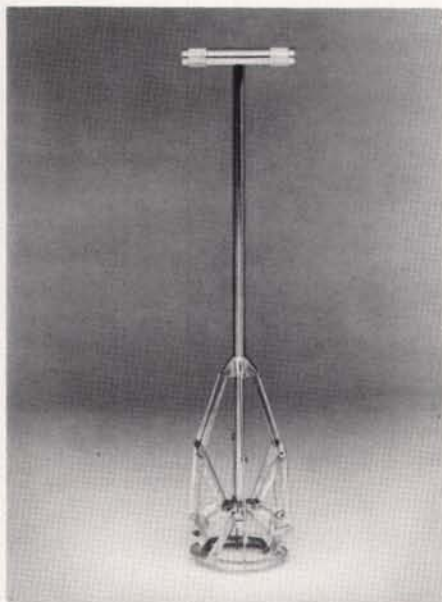
O.M. SCOTT & SONS

Circle 150 on Reader Service Card

ROOKIES

PRODUCT UPDATE

BALL MARK REPAIRER



The Standard Golf/Shur-Way ball mark tool provides an alternative to bending over to repair ball marks left by golfers. Because he can stand up, a crew member can repair a number of ball marks quickly rather than having to kneel down for each repair.

The tool uses narrow aerification knives to force the grass and roots around a ball mark back to the center. The result is a neater repair than the conventional ball mark device which just raises the sunken spot caused by the ball. The unit is made of plated steel and quality aluminum castings.

STANDARD GOLF COMPANY

Circle 135 on Reader Service Card

TURF INSECTICIDE

Turf care professionals may now use Sevin SL insecticide for control of a number of turf-damaging pests since a recent change in the product's label permits a wider range of application dosages. Now the dose can be specifically tailored to the target pest, from two quarts per acre for June beetle grubs to eight quarts per acre for hard-to-control white grubs and bluegrass billbugs.

With the new dosage flexibility, Sevin SL controls more than 100 insect pests that attack turf, trees, shrubs, flowers and garden vegetables. The water-based formulation is non-corrosive and can be mixed with most fungicides, miticides and other insecticides for improved application efficiency.

The lower doses save money and provide the applicator with an insecticide that

answers concerns of environmentalists. Sevin is also used to control insect pests on game birds.

UNION CARBIDE

Circle 138 on Reader Service Card

COMPACT FLOW MONITOR



The Model 1000 is a compact digital instrument that displays the rate of flow or total flow of an irrigation pipe at the push of a button. When connected to an insertion-type or tee-mounted flow sensor, the device calculates flows in pipes ranging from one to 40 inches interior diameter.

The five-inch-square instrument contains a microprocessor for field calibration and storage of flow information. The only calibration necessary is setting the interior diameter of the pipe being measured. The flow monitor will then provide flow rate and total flow data. Changes in flow can be sent to a flow alarm through a pulsed output circuit.

The unit will operate on power ranging from eight to 34 volts DC and 110 volts AC. It is intended primarily for surface mounting on panels.

DATA INDUSTRIAL CORP.

Circle 139 on Reader Service Card

RYEGRASS BLEND

Symphony perennial ryegrass blends are mixed to meet local growing requirements for overseeded turf. Fine-leaf perennial ryegrasses, including Pennant, Bell, Pennfine, Manhattan II and Palmer are custom-blended for your particular region to provide the best results for parks, resorts, country clubs and golf courses.

The blend is selected to establish quickly and transition out in the spring. The peren-

nial ryegrass components are also chosen for wear tolerance and insect resistance. Symphony exhibits higher shade tolerance than bermudagrass and camouflages off-type bermudagrasses that do not go completely dormant during the winter.

E.F. BURLINGHAM & SONS

Circle 140 on Reader Service Card

GOLF COURSE ACCESSORIES

The Lewisline is a complete assortment of specialty products for golf courses. From benches to ball washers, tee markers to cup cutters, special-event signs to trap rakes, flags to tee towels, if it is used on the golf course, it's in Lewisline's catalog.

Custom-designed accessories are also available for club insignia, as well as a wide assortment of information signs to warn golfers of ground under repair, out of bounds, cart restrictions and winter rules. Both portable and permanent benches are available, as well as trash receptacles and cleat brushes.

MENASHA CORPORATION

Circle 141 on Reader Service Card

PORTABLE FENCE

Open up more fields for Little League tournaments with portable safety fence by Easy Up and Out Field Inc. Little League rules require a perimeter fence in an arc 200 feet from home plate running from foul line to foul line. With the existing shortage of fields for Little League play in many areas, the fences permit use of multi-use fields and larger fenced baseball fields.

The four-foot-high vinyl-coated fence is suspended from five-foot-long plastic posts topped with caps. When a player crashes into the fence, it gives, preventing injuries sometimes caused by metal fences. The fence and posts have the strength to resist wind deflection and damage when struck.

When Little League play is finished, the fence and posts are quickly and easily removed, rolled up and stored in a movable wheeled cart.

The D-shaped posts are made of Merlon polycarbonate manufactured by Mobay Corp. The posts are inserted in the field in two-inch permanent groundsleeves. Polycarbonate plugs cover the groundsleeves when the fence is not being used.

MOBAY CHEMICAL CORP.

Circle 142 on Reader Service Card