

ROOKIES

PRODUCT UPDATE

HEAVY-DUTY TURF VEHICLE



E-Z-Go has built the GXT-1500 turf vehicle to withstand years of daily use at universities, parks and golf courses. Rugged, diamond-plated steel panels secured to a tubular-steel frame enable the vehicle to carry up to 1,500 pounds of cargo. An 18-hp, two-cylinder engine drives the automotive-type, fully-synchronized five-speed transmission. A single shift lever makes the vehicle easy to drive.

The unit is adaptable to a wide range of attachments such as topdressers, sprayers, and aerators, including the 19-cubic-foot bed with removable sides and tailgate. Full instrumentation and a wide range of options and accessories are available.

E-Z-GO, TEXTRON

Circle 144 on Postage Free Card

SUBSURFACE IRRIGATION

Where conditions are poor for surface irrigation or water pressure is too low, subsurface irrigation may be the answer. Leaky Pipe is a porous, flexible rubber pipe which acts like a wick when placed in the soil. The capillary action of the soil slowly draws water from the pipe. Surface evaporation is eliminated and less water is required for turf and plants.

The rubber pipe is easily installed with a narrow trencher or vibratory plow. Although soil texture determines the depth and spacing of the pipe, it is normally installed less than four inches deep. Freezing will not cause the rubber pipe to burst.

A water meter allows the flow of water to be recorded. A steady, low volume of water provides plants with a constant supply of moisture without causing moist conditions at the soil surface. Saline water is less of a problem with a subsurface system.

AQUA FLOW, INC.

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GREENS FERTILIZER

A new fertilizer, which has been test marketed in Florida with excellent results, is now available from Growth Products, Ltd. The new product, 18-2-8 with CRN, is specifically formulated for greens.

The product contains 50-percent slow-release nitrogen from Nitro-26 CRN, a soluble methylene diurea and new P-K compound. The greens fertilizer is a solution with low viscosity. "The specifications on Growth Products 18-2-8 allow us to meet or surpass the requirements for greens," says Lee Padgett, sales representative of Howard Fertilizer, a Growth Products distributor.

GROWTH PRODUCTS

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LIQUID NEMATICIDE



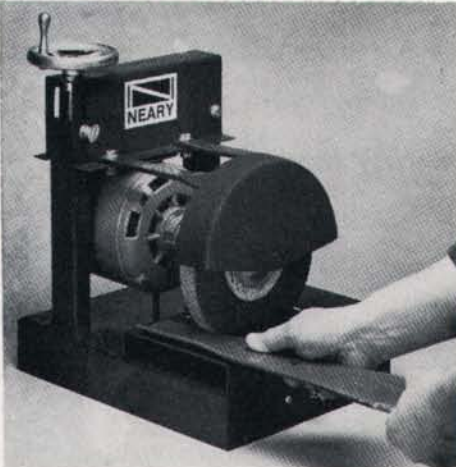
A new liquid formulation of Nemacur for control of nematodes on golf courses and other large turf areas has just been released by Mobay Chemical Co. Nemacur 3 can be tank mixed with fertilizers and other pesticides for convenient one-step treatments to golf course fairways. The nematocide can be applied with any standard liquid sprayer.

Only three to four gallons of the product are needed per acre, followed immediately with at least one-half inch of water to move the chemical into the rootzone. Only 9 to 12 fluid ounces are needed for 1,000 sq. ft. of turf area. Nemacur 3 comes in five gallon containers.

MOBAY CHEMICAL CORP.

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ROTARY BLADE GRINDER



Sharp blades allow rotary mowers to cut turf cleanly without ripping the foliage. The Rotary Blade Grinder accurately sharpens both right or left hand blades to the correct bevel with a fine hollow grind for maximum cutting effectiveness.

The sharpener adjusts for blades of various thicknesses. A 1/2 hp reversing motor and guard enables mechanics to sharpen blades quickly and safely. The eight-inch grinding wheel is directly driven by the motor without belts.

NEARY MFG., INC.

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SEASON-LONG CRABGRASS CONTROL

The key to controlling crabgrass, goosegrass and other annual grasses in cool-season turf is keeping their seeds from germinating. To do this a barrier of pre-emergence herbicide must be present in the soil throughout the germination period. For many herbicides, more than one application per season is needed to accomplish this.

When multiple applications of pre-emergence herbicides are impractical, you can still get season-long control with Team from Elanco. A new, three-pound rate for granular Team provides 16 to 18 weeks of control in one application.

The 2G formulation can be used on a wide variety of cool-season turfgrasses including Kentucky bluegrass, fescue, ryegrass and bentgrass. It will not harm nearby established ornamental trees and shrubs when applied at a rate of 100 to 150 pounds per acre.

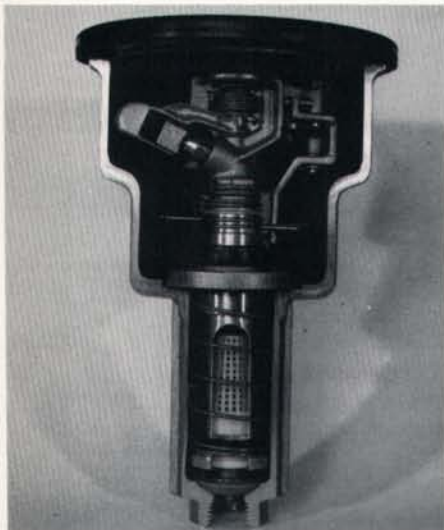
ELANCO PRODUCTS COMPANY

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ROOKIES

PRODUCT UPDATE

SPRINKLERS WITH CHECK VALVES



Buckner's 10600 Series Rotary Pop-up Sprinkler with Check Valve saves water and minimizes soil erosion in a wide variety of irrigation applications. The innovative, integral check valve feature reduces low head drainage caused by elevation differences.

Constructed from cast bronze, the Series 10600 impact drive rotary pop-up sprinklers provide corrosion-free, durable, yet economical performance. Select either single nozzle designs for reduced flow and precipitation rates or dual nozzles for balanced distribution and coverage.

Seven models are available in full or part circle for institutional turfgrass applications such as parks and golf courses.

BUCKNER

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PUSH BUTTON START TRIMMER



Flooding and awkward pull-starting make some gasoline-powered trimmers unreliable. Tanaka has attacked these problems with the Auto-Start 7000. Push-button starting and a fuel-injected choke system promote smooth starts.

A built-in battery for the starter is recharged with a remote battery charger when the trimmer is not in use.

The 13-pound trimmer also features automatic line feeding, a 1.1 hp high-torque engine, a 1.3:1 reduction gear drive and a solid-steel drive shaft. A nine-inch, four-tooth cutting blade is included with the trimmer.

TANAKA USA

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SLOPE MOWER



The Slopemaster has been designed by Kut-Kwik engineers for safe and efficient mowing of large, sloped areas in addition to standard flat terrain. A low center of gravity and tandem rear wheels provide the stability and traction necessary to mow slopes that would render conventional mowers unstable.

The Slopemaster is available with either a 34 hp gasoline or 35 hp diesel water-cooled engine. A roll bar protects the operator from injury in the event of poor judgement or loose soil.

KUT-KWIK CORP.

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RESISTANT RYEGRASS

Jazz perennial ryegrass is the result of an extensive ten-year breeding program to improve insect and disease resistance of athletic field, park and golf course turf. The dark-green, fine-leaved ryegrass has demonstrated good to excellent resistance to brown patch, leaf spot, dollar spot, crown rust, stem rust, red thread and *Fusarium* blight. It also contains a high percentage of endophyte that discourages sod webworms, billbugs and chinch bugs from feeding on the leaves and crowns.

Mower blades do not shred the leaves of Jazz as they do some older perennial

ryegrasses. It performs well when mowed between 1/4 inch to two inches on fields and fairways or when mowed as low as 1/8 inch on greens.

The turf also tolerates moderate shade and adapts well to a wide range of soil types, from heavy clay to pure sand and from moderately acid to moderately alkaline.

PICKSEED WEST INC.

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FLUID FUNGICIDE

Fluid Fungicide II from the ProTurf Division of Scotts combines two systemic fungicides to control four primary diseases on bentgrass, Kentucky bluegrass, annual bluegrass, perennial ryegrass and bermudagrass. The liquid is easily dispersed from standard, pressurized spray equipment and will not clog nozzles, filters or screens.

The liquid product prevents and controls *Pythium* blight, *Pythium* damping off, brown patch and dollar spot. It may be mixed or used in conjunction with some fertilizers and pesticides in a regularly scheduled maintenance program.

OM SCOTT & SONS

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HARD SOIL AERATOR



Rotating, drill-like tines on the Promax aerator make vertical holes up to four inches deep in the hardest soils. Designed for small, compacted turf areas, the 22-inch-wide aerator produces shavings which decompose rapidly instead of soil cores.

The clean, vertical holes allow air, water and fertilizers to penetrate the heart of the root zone. The compact unit weighs 150 pounds and travels on three wheels.

GREENWOOD CORP.

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ROOKIES

PRODUCT UPDATE

OVERHEAD VALVE ENGINE OPTION



The Honda GXV340 overhead-valve, four-stroke engine is now available as an engine option on Bunton's 36-inch to 52-inch commercial mowers. The 11 hp overhead-valve, vertical-shaft engine uses up to 30 percent less gas and oil and weighs as much as 25 percent less than comparable side-valve engines.

Vibration and noise are minimized with

this engine due to dual synchro-balancers and superior muffler design. The trochoid oil pump provides oil under pressure to the upper crankshaft bearing and rocker arms ensuring long life to these components. Other engine features include cast iron cylinder sleeves, ball bearing supported crankshaft and chrome top piston rings for maximum engine life.

Bunton also offers other 11 hp, 12.5 hp and 16 hp engines as four-cycle options on its mowers. An eight hp, two-cycle engine is also available.

BUNTON COMPANY

Circle 134 on Postage Free Card

COMMERCIAL ROTARY MOWER

A 61-inch out-front mowing deck has been added to Scag's line of commercial mowers. Powered by an 18 hp Kohler engine with a four-speed gear box, the unit can mow



at a maximum ground speed of six mph. The wide deck and increased speed can increase mowing efficiency by as much as 30 percent.

A twin power belt system prevents belt slippage even in wet cutting conditions. Modular construction simplifies on-site tire changes, spindle bearing replacements and other repairs which cause costly downtime.

SCAG POWER EQUIPMENT, INC.

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a new angle on turf aeration

AerWay angled-tine aeration means lusher, more vigorous turf for golf courses, playing fields, sod farms, cemeteries and parks.

- Easy "hitch & go" operation; low maintenance
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ROOKIES

PRODUCT UPDATE

COMPACT FLOWMETER



There is no reason to estimate irrigation water use when you can know exactly how much water you used with the help of the Model 1000 digital flowmeter from Data Industrial Corp. The programmable meter can provide flow rate and total flow information for any pipe from one to 40 inches in diameter.

The unit, less than five inches square and three inches thick, can be utilized as a stand-alone meter or as a sensor providing data by a programmable pulse output to computerized irrigation controllers or other types of data collection equipment. The Model 1000 can be calibrated in the field by entering the interior dimension of the pipe being monitored.

DATA INDUSTRIAL CORP.

Circle 151 on Postage Free Card

FERTILIZER WITH HERBICIDE

Four granular fertilizer products combined

with preemergence herbicide are now available from Lebanon Chemical. All four products contain slow-release, sulfur-coated urea and Team, an effective combination of two preemergence herbicides (benefin and trifluralin).

Sports turf managers can choose from four fertilizer ratios; 26-3-8, 30-5-7, 27-4-9 and 32-3-5. All four provide two pounds of Team's active ingredients per acre coverage for effective preemergent control of annual weeds on established turf.

LEBANON TOTAL TURF CARE

Circle 152 on Postage Free Card

CORE HARVESTER



Aeration cores can now be picked up mechanically from golf course greens with the Cushman Core Harvester. Two steel blades gather cores in a 55-inch-wide swath and funnel them onto a rubber conveyor belt for removal. The hydraulically-powered unit is designed to be mounted on three- or four-wheel Cushman Turf-Trucksters equipped

with an hydraulic system and dump box.

The harvester can clear an average green in 15-20 minutes usually collecting two loads of cores per green. When the box on the truckster is full, the operator shuts off the harvester, raises the core-gathering blades and drives the load of cores to a dump site.

The unit can be attached to the truckster by drilling four holes and teeing two hoses into the hydraulic system.

CUSHMAN-RYAN

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MEASURING WHEEL

No matter what your linear measuring problem is, the fast, sure operation of the Rolatape Measure Master Model MM-34 makes it an ideal instrument for bidding purposes, estimating, layout and job progress reports. The counter automatically records measurements up to 100,000 feet without re-setting.

The MM-34 records the measurements as it is rolled along at normal walking speed.

ROLATAPE CORPORATION

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