

ROOKIES

PRODUCT UPDATE

SPRAYER CONTROL SYSTEM



The Raven SCS 440 sprayer control automatically maintains your preset spray application rate, regardless of vehicle speed or terrain, on every acre to be sprayed.

The unit is easily installed on any sprayer, including specially designed rigs. It is also very effective in controlling anhydrous ammonia incorporation with the addition of the Accu-Flow attachment.

Along with the tip monitor feature, which informs the user immediately of plugged

tips and their locations, the SCS 440 provides instant access to: volume left in tank; total area worked (cumulative); total volume applied (cumulative); field area (subplot); vehicle speed; distance traveled (feet); area worked per hour; and gallons per minute. Two different application rates can be programmed. The unit can also be switched to "manual" for spot spraying.

RAVEN INDUSTRIES, INC.

Circle 268 on Postage Free Card

FOUR-WHEEL-DRIVE MOWER

On-demand four-wheel drive and a 49-hp diesel engine enable Jacobsen's HM-11 mower to take on tough slopes or wet grass without turf damage or tire slippage. Wide-track stance, rear-wheel steering, and compact design provide the mower with maneuverability and stability on hills, while large turf tires reduce soil compaction and tire marking.



The HM-11 has a productive 11-foot mowing width. Its five out-front, hydraulically powered reels give a consistent, high-quality cut without streaking. Six- or ten-blade reels are available for the unit. For ease of cross-cutting fairways, a foot-operated control pedal lifts and lowers all five reels at once.

JACOBSEN DIVISION OF TEXTRON, INC.

Circle 162 on Postage Free Card

GET THE POWER! TO DO IT RIGHT

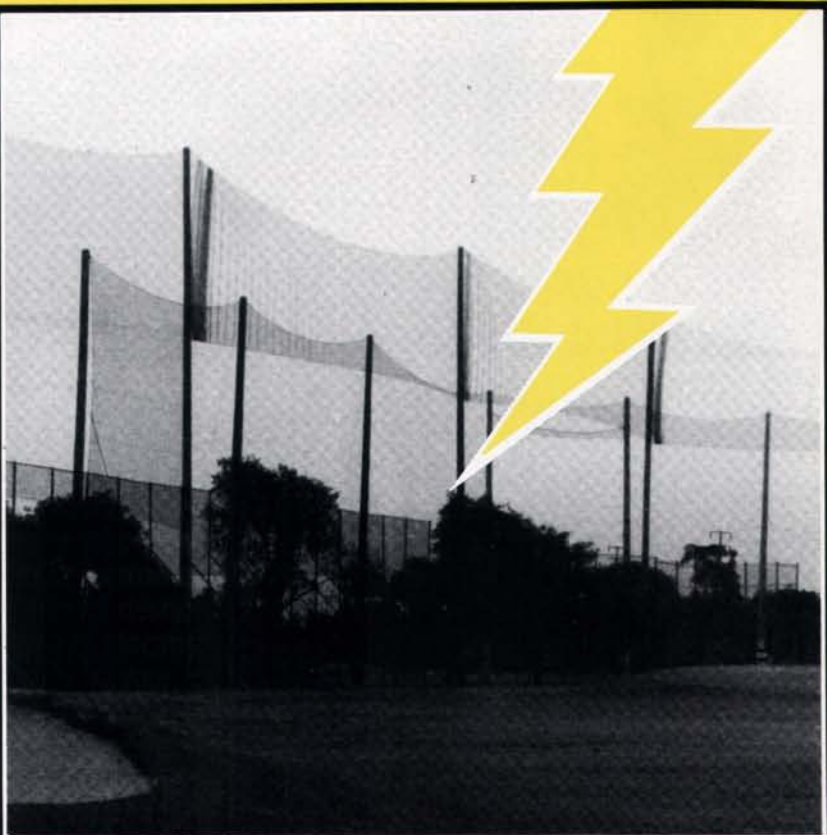
**GOLF COURSES,
DRIVING RANGES AND
BASEBALL FIELDS**

OUR NETS MEET YOUR SPECS!

It takes a team effort to get a big project done right. At West Coast Netting our **POWER TEAM** makes things happen for you. With 35 years experience making net products we know how to design and build nets for every use and location. Our **POWER TEAM** can even do your complete turn key installation



anywhere in North America. Get the power to do it right, Join the **POWER TEAM**.



Santa Ana Country Club, Costa Mesa, Calif.

WEST COAST NETTING PO Box 728, Rancho Cucamonga, 714/987-4708 (800) 854-5741 (outside CA) FAX #714-944-7396

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.

Two spray pattern indicators for different uses.

No one else gives you a choice.



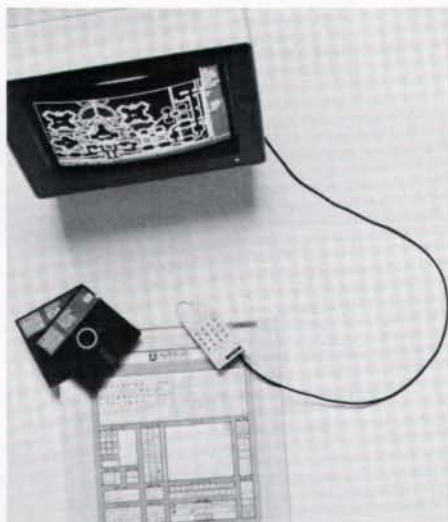
REGAL CHEMICAL COMPANY
P.O. Box 900 • Alpharetta, GA 30201
Phone: 404-475-4837
TOLL FREE: 1-800-621-5208

Circle 201 on Postage Free Card

ROOKIES

PRODUCT UPDATE

IRRIGATION DESIGN SOFTWARE



Created exclusively for irrigation designers, Irrigation Design Assist (IDA) is a software package from Rain Bird. Working in conjunction with AutoCAD, a leading computer-aided design software program, IDA can handle sprinkler layout, pipe sizing, and other time-consuming irrigation design tasks.

Once the designer defines the area boundaries, selects the irrigation products, and inputs spacing criteria, IDA's computer-aided sprinkler layout program automatically places sprinklers in rectangular or triangular patterns to provide uniform water coverage, even for irregularly shaped areas. The designer can also modify the plan or experiment with different products or spacing.

The computer-aided pipe sizing program uses hydraulic formulas to perform accurate pipe sizing calculations. The designer chooses the pipe type and class, then IDA calculates the flow rate and provides the correct pipe and valve sizes.

A detailed database relates each product symbol in IDA's menu of Rain Bird irrigation equipment to product and performance specifications. As the design develops, IDA automatically keeps an ongoing inventory of the products used, which allows the designer to request a take-off at any point.

RAIN BIRD

Circle 195 on Postage Free Card

VERTICUTTER/OVERSEEDER

One-step seeding and/or verticutting can be accomplished by the Turf Slicer, from Classen Mfg. The unit has a front-mounted

seed box which operates by friction from the drive wheels. Rotating slicer blades, spaced two inches apart, slice the sod to a predetermined depth down to 1½ inches. Depth is adjustable with fingertip screws.

The Turf Slicer is self-propelled by an eight-hp, Honda OHV four-cycle engine with centrifugal clutch. Moving at 2.27 mph, its 21-inch-wide swath can cover 21,000 square feet per hour. The unit has front-wheel drive by V-belt and chain with a 31:1 reducer and locked axle. Its double, V-belt drive has 1/8-inch, case-hardened blades.

Compact, simple design and a low center of gravity are Turf Slicer features. Without the seed box, the 33-x-48-x-44-inch unit weighs 250 lbs.

CLASSEN MFG., INC.

Circle 283 on Postage Free Card

SPRAY VEHICLE



The Spraystar 1600 Dedicated Spray Vehicle from Smithco can be used on golf courses, athletic fields, and other fine turf landscaping.

Features of the vehicle include a low-profile, 160-gallon fiberglass tank, a rugged 20-foot boom, and a choice of sprayer pumps and clutch system. Front-wheel suspension and an easy-to-operate ground speed control make the Spraystar 1600 easy and comfortable to operate. Operator safety is provided by an automatic clutch system.

Four large tires, which apply slightly more pressure than a man's foot, protect the turf. The Spraystar 1600 can be converted to a dry spreader or topdresser in a few minutes.

SMITHCO

Circle 151 on Postage Free Card

ROOKIES

PRODUCT UPDATE

TURF AND PAVEMENT VACUUM



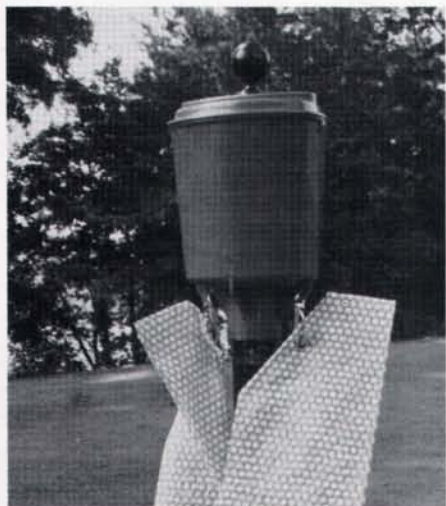
Powered by an 18-hp Kohler engine, the Promark Model 1050 is a towable turf and pavement vacuum. It has a sweeping width of 60 inches and a five-cubic-foot hopper capacity.

Material is picked up by air only, so there are no brushes or fingers to wear out. The optional, hand-held hose attachment makes it easy to reach difficult areas such as flower beds, corners, and shrubs.

PROMARK PRODUCTS, INC.

Circle 116 on Postage Free Card

BALL WASHER



Designed for durability and economy, the new LESCO six-pint-capacity ball washer features rigid ABS plastic construction. Its helix-shaped agitator, unlike crank-type agitators, provides superior agitation for complete cleaning. A minimum number of working parts ensures trouble-free service.

The red-plastic body resists damage, per-

mits painting as desired, and provides an attractive surface for personalized decals (which are optional).

The brush features long-lasting nylon bristles embedded in a durable rubber backing. The brush assembly is easily replaced by loosening four stainless-steel screws and one stainless-steel nut and removing the

entire brush-holder assembly.

Proper water level is maintained by an overflow drain. For simple installation, the ball washer can be mounted on any two-inch steel pipe (not included).

LESCO, INC.

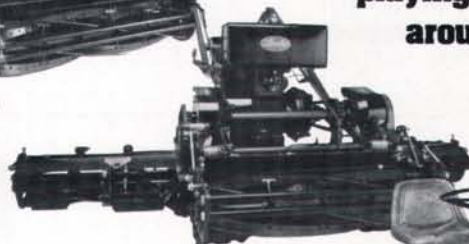
Circle 196 on Postage Free Card

Locke makes the cut ...

at the finest
playing fields
around the world.



Locke Single



Locke Triplex



Locke Professional

On baseball, football, soccer fields and golf courses, Locke's cutting edge, a unique scissor action, produces a clean and uniform cut unmatched by the competition. While other mowers shatter or shear the grass, Locke reel mowers actually cut each blade of grass cleanly and consistently. The result is a uniform playing surface that maintains its healthy, green appearance and helps improve the quality of play.

Constructed from forged steel frames, machined cast-iron components and precision carbon steel blades, Locke mowers have been proven season after season. Powered by durable cast-iron engines, Locke mowers are built to last more than 20 years. So make your next cut with a Locke... Choose from the Locke Single, when maneuverability is crucial on smaller grounds; the Locke Triplex, setting the standard for commercial mower performance, quality and durability for over fifty years; or, a riding mower, the Locke Professional, is ideal for the larger sports turf grounds.

For the name of your nearest authorized dealer, contact Locke today.



Professional Quality Reel Mowers

Since 1928

THE LOCKE CUT VS. A TYPICAL MOWER CUT



Each blade of grass is cut cleanly and at a uniform height, which means healthier, greener turf.



Other mowers shatter the blades of grass, leaving uneven ragged ends which turn brown and expose the turf to disease.

Locke Mowers, Inc.

2133 Mountain Industrial Blvd., Tucker, GA 30084

(404) 939-1505 FAX (404) 491-6815

Ask for our Sports Turf Specialist

Dealer Inquiries Invited.

ROOKIES

PRODUCT UPDATE

VEHICLE-TOWED AERATOR



Designed to cover large turf areas quickly, the Cushman GA 60 is a high-production, coring-type fairway aerator. It can aerate up to 1.3 acres per hour, covering a 60-inch swath with a 2½-x-4½-inch coring pattern, at an aerating depth down to four inches.

The GA 60 is powered by a 33-hp, liquid-cooled engine mounted on the unit, which is towed behind a Cushman Turf-Truckster vehicle with a unique, rubber-isolated fifth-wheel attachment. By pulling one pin and backing off one hand screw, the fifth-wheel hitch is easily removable without tools.

Standard coring tines for the GA 60 are the new, non-plugging, open-back type introduced by Cushman for its Ryan aerators. Several other tine options are available for the GA 60, from 3/8- to 3/4-inch diameter.

The aerating mechanism features four pairs of tine arms, each protected by a slip clutch. The unit is lowered for operation by the Turf-Truckster hydraulic system, controlled by the operator from the vehicle seat. The aerator engine is started and monitored from the Turf-Truckster seat.

When the operator uses the hydraulic control to lower the aerator tines, the aerator engine automatically speeds up and the clutch engages to begin aeration. Forward aerating speed is regulated by the operator with the vehicle's variable-speed governor. The clutch is automatically disengaged and the aerator engine slows when the operator raises the unit.

The GA 60 is equipped high flotation tires, is 7½ feet wide and 42 inches high in transport position, and weighs 2,020 lbs. According to Cushman officials, the unit will

be available for spring, 1990 aeration programs.

CUSHMAN

Circle 101 on Postage Free Card

PAINT STRIPING MACHINE

To suit the needs of the individual, the Easy Rider paint striping machine can be configured in a number of ways. The unit offers a choice of one ten-gallon or two 20-gallon tanks; 10.2 or 14.2 cfm compressors; and a 12-hp drive and five-hp spray system.

Additional options include a reflective bead dispenser, skip line mechanism, and gun purge system. The Easy Rider is well suited for large striping jobs, such as athletic fields or municipal street parking. It can be purchased complete or mounted on the customer's modified tractor.

NEWSTRIPE, INC.

Circle 112 on Postage Free Card

Tests show 30-70% water savings with Toro's Soil Moisture Control System.



Rigorously tested in
Arizona, Nebraska,
Georgia, and California.

Simple. Accurate.
Maintenance-Free.

Proven reliability.

Each sensor controls
up to 10 acres.

For more information,
contact your local Toro
Distributor or call Toro
at 714-688-9221.



The pros say we dress better than the copycats.

The Bannerman TURF-TOPPER has been the world's leading topdresser for large turf areas for the past 5 years. **TURF-TOPPER is the original.** The other fellows sell one which resembles it, but the pros say "Ours is best". Perhaps we can arrange a demonstration for you through our nearest distributor (U.S.A. or Canada). Ask for complete details.



Gordon Bannerman Ltd • 41 Kelfield Street, Rexdale, Ontario M9W 5A3
Telephone 416-247-7875

ROOKIES

PRODUCT UPDATE

PREFABRICATED DRAINAGE STRUCTURE

Lundin & Company, Inc., has introduced a prefabricated drainage structure for sub-surface drainage applications.

The drain, called Lun-Drain Pro 80, consists of a waffle-like polystyrene core with

low "creep" characteristics and compressive strengths exceeding 5000 psf. The core is wrapped with an eight-ounce polyester, needle-punch, non-woven filter fabric. The fabric is tightly wound around the core and melt-sealed using two glue bead lines to ensure strength.

Flow rates of the drain exceed 18 gpm

per foot width of drain at one psi (approximately two feet of installed depth). The product is available in four, six, 12, and 18-inch widths. Each drain is 100 feet in length, but additional lengths are available.

LUNDIN & CO., INC.

Circle 175 on Postage Free Card

PREGERMINATING UNITS



Liquid Sod Corp. introduces a revolutionary new concept in pregerminating a wide variety of grass seeds, the pregermination unit. It markedly increases seed yields while reducing turf establishment time.

The units provide durability and portability with minimum space utilization. Liquid Sod pregerminating units are a low cost, high profit alternative to existing pregerminating methods.

Special features include: Efficient aerating method that reduces fermentation (seed spoilage); Screened drain plug for reduced handling and seed loss; 150 pounds plus capacity; Four models to choose from; Full line of pregermination supplies.

Pregermination is gaining popularity because it provides advantages over conventional seeding methods such as: controlled germinating environment for faster turf establishment, reduced vulnerability to erosion, enhanced competitiveness against weeds, protection against seed consuming predators, and increased customer satisfaction.

**Liquid Sod, 2095 Euler,
Brighton, MI 48116
(313) 227-5066**

Circle 182 on Postage Free Card

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.

STOLON PLANTING SERVICE

We plant large turf areas mechanically. From Sod to planted Stolon in seconds. FAST — ECONOMIC — PROVEN. Call or write for brochure and specifications (TF).

FLANNIGAN Stolon Planting Service

301 La Salle Ave., Ventura, CA 93003
(805) 644-6630

SPORTSFIELD DESIGN, RENOVATION, AND CONSTRUCTION

Whatever your sport, whatever the level of play, and wherever the location, Sportsfield, Inc., can provide all the services required to meet your needs. Our team of experienced personnel can

design, renovate or construct your playing fields. Do it right the first time! Call or write for our brochure, P.O. Box 615, Blue Island, IL 60406, (312) 371-0917.

DRAINAGE PROBLEMS?

Don't rebuild your sports fields. The Verti-Groove is an inexpensive alternative to improve drainage. Deep aerify and create sand slices six inches deep and one half inch wide without materially disturbing play. Call or write to:

Turf-Tec International
2210 NE 124th Street
N. Miami, FL 33181
(305) 893-6449

ADVERTISER INDEX

Bannerman	32
Baseball Diamond of the Year Award ..	19
Brouwer Turf Equipment Ltd	5
Brown Manufacturing	15
Cushman Corp	6,7
Four Star Agricultural Products	16
Green Care International	35
Irrigation Guide	33
Karsten Turf Co	19
Lesco Inc	36
Liquid Sod Inc	34
Locke Mower Co	31
Missouri Paint Co	22
Modus-T	3
Neptune Research	26
Newstripe Inc	16
Partac Peat Corp	34
Regal Chemical Co	30
Ronk Electric	26
T.I. International	17
Tee-2-Green	2
Toro Irrigation	32
West Coast Netting	29



THE PROFESSIONAL'S CHOICE
... SINCE 1922

THE BASEBALL DIAMOND MIXES USED BY OVER 50 PROFESSIONAL TEAMS PLUS TOWNS AND SCHOOLS ACROSS THE U.S.A. AND CANADA. SPECIAL MIXES FOR INFIELDS, PITCHER'S MOUNDS, HOMEPLATE AREAS, AND WARNING TRACKS.

Terra-Green

REDUCE RAIN DELAYS!

WITH
THE REDDER, LESS DUSTY
SOIL CONDITIONER & DRYING AGENT
THAT RETAINS MOISTURE
IN HOT WEATHER

PARTAC[®] GREEN SAND FOR DIVOT REPAIRS

The Ultimate Solution to Unsightly Divots at Televised Golf Tournaments and other Sports Events!

AVAILABLE NATIONWIDE

1-800-247-2326

IN N.J. 201-637-4191

PARTAC PEAT CORPORATION
KELSEY PARK, GREAT MEADOWS, N.J.
07838

PARTAC[®] GOLF COURSE TOP-DRESSING



AMERICA'S PREMIUM
TOP-DRESSING
HEAT TREATED
CONTROL THATCH,
PROMOTE HEALTHY TURF
& SMOOTH PLAYING SURFACES