

ROOKIES

PRODUCT UPDATE

TURF STRESS AID

A liquified extract of sea plants called Panasea enables turf to withstand heat, drought and traffic stress, according to the manufacturer. The micronutrients and natural growth hormones (cytokinins) in the liquid strengthened turf root systems when

applied at a rate of one ounce per 1,000 during tests at Virginia Polytechnic Institute.

Superintendents have reported the extract from South Atlantic Ocean seaweed helps ball marks and cup changes heal faster and makes bentgrass in the triplex ring on greens withstand mower traffic. Other benefits attributed to the product include

better, longer-lasting color and faster recovery in disease-damaged turf.

EMERALD ISLE, LTD.

Circle 158 on Reader Service Card

ATV SPORTS PTO



This coming April Yamaha will introduce a version of its four-wheeled all terrain vehicle (ATV), the Moto-4, with rear power take off (PTO). The new model will be called the Terra-Pro. The first attachments for the unit include two rotary mowers and two sprayers. The company plans to develop a full line of PTO-driven attachments in the future.

The 16 hp ATV will produce 10 PTO hp at 2,000 rpm and utilize a standard one-inch drive. The rear-mounted mowers include a 48-inch fine-cutting rotary and a 42-inch rough-cut rotary. The spray units will come in 50 gallon and 100 gallon tank sizes. A choice of hand-held nozzles or 15- to 24-foot booms will be available for either size tank. Yamaha already offers a choice of trailers for its four-wheel ATVs.

YAMAHA

Circle 159 on Reader Service Card

BERMUDA GROWTH REGULATOR

Hybrid bermuda grows lower and slower after treatment with Scotts Turf Growth Regulator Plus Fertilizer. By altering the balance of growth hormones the product cuts vertical leaf growth by two-thirds for up to eight weeks. Instead, shoots and leaves tend to grow more horizontally creating a denser turf with lower fertilizer requirements.

The denser turf is also greener and grows primarily below the level of mower blades. The volume of clippings is reduced by three-fourths as well. Scalping is less likely with the low-growing treated turf.

The material is root-absorbed so rainfall during or following application will not reduce its effectiveness as it would foliar-absorbed growth regulators.

O.M. SCOTT & SONS

Circle 160 on Reader Service Card

The finest golf courses use the GEOBLOCK[®] Landscaping System

...the most cost
effective landscaping
block available.



See us at the
GCSAA Show
Booth #2438

1-800-558-3525 Ext. 311
Wisconsin 414-739-9471

A **Presto**™ GEOSYSTEMS PRODUCT

ROOKIES

PRODUCT UPDATE

PRESSURE REGULATING VALVES



Reducing the pressure on drip and low-volume sprinkler systems has been simplified by Buckner's 20120 series of pressure-regulating bronze valves. Eliminating the need for a separate pressure regulator, these valves can be set to control outlet pressures between ten to 100 psi with flow rates as

low as one gpm. They will maintain pressure settings even with changes in flow.

The unique valve has no side-mounted external regulators. All porting and regulation takes place within the bronze casting that fits on top of the valve. Downstream pressures can be set with or without electric power. A pressure gauge is mounted on each valve. This series of valves is available in sizes from 3/4-inch to 3-inches.

BUCKNER

Circle 151 on Reader Service Card

PRE-ENGINEERED SHELTERS



More than 20 different styles of park shelters and recreational buildings are avail-

able from Polygon, ready for installation. The vandal-resistant tubular steel columns and all other components are pre-sized, fabricated and pre-welded for "erector-set-type" construction. They range from simple covered tables to concession buildings with restrooms.

A variety of pre-manufactured wall and roof panels can be attached to the tubular steel frames. By combining basic frames with assorted panels a wide range of buildings can be constructed. All components are designed to resist vandals and exposure to all types of weather.

POLYGON, DIV. OF W. H. PORTER, INC.

Circle 157 on Reader Service Card

OUT-FRONT ROTARY



High-speed commercial mowing is the purpose of Gravely's Pro Master out-front rotaries. The highly-maneuverable mowers have a zero turning radius for trimming and floating deck assembly to follow ground contours and ride over curbs. The 50- or 60-inch cutting decks are easily raised with either a manual winch or hydraulic lift. Both 18 and 20 hp models feature safety switches to stop the engine when the operator leaves his seat and to prevent starting with the mower or transmission engaged. The instrument panel includes an hourmeter, voltmeter, oil pressure warning light, fuses, choke and throttle. Instant forward and reverse gearshift and five-gallon gasoline tank reduces the number of stops to a minimum.

The cutting height is adjustable in one-half-inch increments from 1 to 4½ inches. Options include a 44 gallon clipping removal system, all-weather cab, 44-inch power brush and two-stage snowblower. The units have a two-year limited commercial warranty.

GRAVELY INTERNATIONAL INC.

Circle 146 on Reader Service Card



Commercial Landscape Supply

OFFERS THESE AND MANY OTHER COMMERCIAL, HIGH QUALITY, FIELD TESTED PRODUCTS AT INCREDIBLY LOW PRICES.

MONOFILAMENT LINE

\$6.70 ea. or **\$7.90** ea.
(5 minimum) weight: 1 lb.

Premium quality stringline trimmer cord. American made of 100% virgin nylon. .095" or 130" dia. Convenient 1 lb. box or 5 lb. spool.



CHAMPION SPARK PLUGS

For Improved Performance

CJ8 & CJ14



94¢ ea. or **\$1.08** ea.
in case quantity of 100 weight: 8.5 lbs
in box quantity of 10 weight: .85 lbs

For lawnmowers, edgers, blowers, line trimmers, and hedge trimmers



We ship within 24 hours, via prompt & economical U.P.S. TO YOUR DOOR. SATISFACTION GUARANTEED 100%. D&B #03-950-0988

PLEASE CALL FOR A FREE BROCHURE
(714) 552-5867, U.S. 800-826-7654
OR IN CA 800-635-8686

Circle 164 on Reader Service Card

LA-MAX™



Built for the architect and the groundman, LA-MAX enclosures enhance the landscape, simplify programming, and keep both vandals and the environment out. The perfect solution for safeguarding and utilizing your controller.

All six models feature gasketed stainless steel hinged door, vault-type locking system, green epoxy finish, interior mounting brackets, diagram pocket, duplex outlet box and collision/pad base.



The Only Enclosure With All The Advantages!
Cross Brothers, Inc.
LA-MAX
5255 Sheila Street
Commerce, California 90040
(213) 266-2000

Circle 165 on Reader Service Card

ROOKIES

PRODUCT UPDATE

LINE CUTTER



If staff shortages prevent frequent field painting, the athletic field line cutter might be the answer. A 3 hp Briggs & Stratton engine powers a set of blades which cut a three-inch wide stripe to any required depth. The unit provides a long-lasting stripe which eliminates time-consuming remarking of lines prior to painting.

Bunton recommends the line cutter for baseball foul lines, soccer fields, football

fields and other sports fields where clear lines are required. The device can also be used to remove turf-damaging residues in the soil caused by repeated applications of marking paints and chalks.

BUNTON CO.

Circle 148 on Reader Service Card

UPRIGHT BENTGRASS

After more than ten years of testing, Tee-2-Green has released the first quantities of PennLinks bentgrass seed. The blades of the new bentgrass are more upright than its predecessors, says Pennsylvania State University turfgrass breeder Dr. Joe Duich. This characteristic provides a truer ball roll and reduces grain on golf putting greens.

The amount of seed available is limited and Duich says most of it will go to new golf course construction and to the courses which have been testing PennLinks the past few years.

TEE-2-GREEN CORP.

Circle 149 on Reader Service Card

REEL GRINDER



Even if you've never sharpened a reel or bed knife before, you can operate the Auto Leader Grinder safely and accurately. One unit with attachments can sharpen both bed knives and mowing reels.

Reels can be ground in or out of their frames either by spin grinding or single blade relief grinding. The top face, front face and bottom of bed knives can also be sharpened with the unit.

Standard equipment includes Lexan safety shielding, water cooling, dust control, variable-speed reel drive and semi-automatic operation. Simple attachments make grinding easy to understand.

MOWING MACHINE GRINDERS AND REELS

Circle 150 on Reader Service Card

Keep ALL TURF areas in top condition!

Low-Cost
FUERST
F-L-E-X-I-B-L-E
TINE
HARROW®

IT'S VERSATILE

Use it to keep all your football/soccer fields, ball diamonds, cinder tracks, and all turf areas in top condition. A single pass aerates, brings up thatch, crumbles and scatters cores without clogging. Prepares seedbeds without disrupting existing growth when overseeding worn areas. Revitalizes worn spots while it strengthens turf. Dries, drags and floats basepaths and skinned infields. **The only maintenance tool approved by Little League Baseball.**

IT'S TROUBLE FREE

Adjusts without tools for deep or light penetration or as a smoothing drag mat. Unique tines hug the turf at 6-8mph. Never needs maintenance. Rolls up for easy storage. 4 to 42 ft. widths. **We guarantee your satisfaction.**

For FREE literature, testimonials, prices call toll-free 1-800-432-9630 (In IL call 815-732-3239) or write:



FUERST BROTHERS, INC.

P.O. Box 356, Oregon, IL 61061

CONVERT YOUR PICKUP INTO A DUMPTRUCK — NO HYDRAULICS!



- Easy installation—just fasten six bolts and it's in
- Steel bed rolls on jam-proof tracking system
- Complete unit fits inside existing bed and is closed in by tailgate
- Available in 6 and 8 foot units for full size American pickups and a 7 foot unit for compact and imported trucks
- Controlled dumping action in BOTH directions ensures safe, efficient operation

ROLL-N-TILT
MANUAL DUMPERS

BY
McKEE ENTERPRISES, INC.
FOR FURTHER INFORMATION

NO. CALIFORNIA
P.O. BOX 865
GLEN ELLEN, CA 95442
(707) 938-0349

SO. CALIFORNIA
1025 VAN DYKE DRIVE
LAGUNA BEACH, CA 92651
(714) 494-4689

Dealerships available in select areas.

ROOKIES

PRODUCT UPDATE

DEEP AERATOR



The Verti-Groove is a new concept in turf aerification. The unit removes three thin slices of soil at one time. The resulting channels, from one to six inches deep and 12 inches apart, open up the soil for entry of air and nutrients. The device cuts through compacted or impervious layers of soil to restore drainage and deep root growth. These narrow channels, from 3/8 to 5/8 inches wide, can be backfilled with sand or the broken-up slices.

The Verti-Groove contains no moving parts to break or fail. The hardened, stainless steel slicing blades and the high car-

bon steel lifting blades can be pulled through the soil by most turf tractors or mowers.

RANSOMES, INC.

Circle 145 on Reader Service Card

WOOD BRIDGES



Pre-engineering has cut the cost of expensive-looking wood bridges from Intexx. Designed to enhance the beauty of parks or golf courses, the laminated wood bridges are completely assembled prior to delivery. The customer simply lifts the bridge off the delivery truck and sets it on anchor bolts during installation.

Standard models are four, six or eight feet wide and are designed to support a 12 psf dead load or 85 psf live load. The bridges can be easily modified for light vehicular traffic. Custom designs are available.

The wood is kiln-dried and stress-graded prior to lamination with waterproof adhesives. All critical members are treated with preservatives.

INTEXX CORP.

Circle 152 on Reader Service Card

SUPERSORBENT GRANULES

Keep newly-planted sod or seed moist longer with water-storing polymer granules. Broadleaf P4 granules mixed into the root-zone expand as they absorb water. When the surrounding soil is dry, the granules still contain water reserves for plant roots.

This stored water increases seed germination and seedling survival, particularly in hot, sandy soils where irrigation water is rapidly lost to evaporation and gravitational drainage. It also helps turf survive drought periods.

Application rate depends upon the depth of incorporation of the material. Roughly eight pounds of Broadleaf P4 should be mixed into 1,000 square feet of surface for each inch of depth.

CENTRAL COAST DISTRIBUTORS

Circle 153 on Reader Service Card



THE PROFESSIONAL'S CHOICE
... SINCE 1922

BEAM CLAY IS THE RED BASEBALL MIX USED BY PROFESSIONAL TEAMS ACROSS THE U.S.A. AND CANADA. SPECIAL MIXES FOR PITCHER'S MOUNDS, HOMEPLATE AREAS & WARNING TRACKS.

BOTH
AVAILABLE IN
BULK OR BAGS

CALL TOLL FREE:
1-800-247-BEAM

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

Circle 104 on Reader Service Card

SOIL SEAL

ARE YOU LOSING GROUND TO EROSION?

The problem with having to "patch up" jobs due to erosion is that you not only risk losing valuable time and money...but your credibility suffers as well.

SOIL SEAL can rid you of persistent erosion problems. Because of its patented formula it is *stronger and more long-lasting* than most other soil stabilizers and tackifiers on the market today. SOIL SEAL is non-toxic: completely safe for use on existing plants and native vegetation.

So if you're looking for gentle, yet rigorous soil control, don't take chances on losing any more ground. Call SOIL SEAL today.

SOIL SEAL CORPORATION 1111 West Sixth Street, Los Angeles, CA 90017
Phone: (213) 481-7185 Telex: 677282 Cable: PACARCHS LSA

SOIL SEAL CORP

LONGER LASTING • ECONOMICAL • SAFE • WATER PERMEABLE

Circle 105 on Reader Service Card

ROOKIES

PRODUCT UPDATE

COMMERCIAL SPREADER



Rust and exposed gears are a thing of the past with the Ev-N-Spread from EarthWay. The tubular aluminum frame and polymer hopper eliminate the corrosion that often renders other spreaders useless after a short time. Up to 50 lbs. of granulated materials can fit in the large hopper.

The spreader's permanently-lubricated gears are enclosed to seal out damaging grit and moisture. Pneumatic or semi-pneumatic tires provide sure traction and distribute weight evenly on the turf.

An on/off control handle with infinite settings operates the self-cleaning volume control. A stainless-steel agitator and polymer distribution disc complete the commercial spreader design.

EARTHWAY COMMERCIAL PRODUCTS

Circle 154 on Reader Service Card

VERTICUT SYSTEM

Thatch management is an important part of sports turf management. Aggressive Kentucky bluegrasses and hybrid bermudagrasses under high fertility programs require periodic thatch removal. National's verticut system provides high-speed thatch removal for large areas.

Five 30-inch-wide verticut reels can be set low for thatch removal or preparation for overseeding. They can also be set high for breaking up aerification plugs. The blades are heat-treated for long life.

The verticut reels are mounted on the same frame as National's 30-inch cutting reels. Both are PTO-driven by tractors with 25 to 50 hp. Hydraulic lift for cutting units is available.

NATIONAL MOWER COMPANY

Circle 155 on Reader Service Card



Cleanup with **Harley** Rock Rakes and Pickers!

If Golf Courses were built by golfers, they'd insist on **Harley** for final small stone removal and seed bed preparation.

If your competition would talk, their secret weapon is probably a **Harley**.

For building or renovating . . . from playgrounds to yards . . . racetracks to beaches . . . the easiest, fastest and most economical one is **the Harley**.

Ask a **Harley** owner what they think? You'll hear a very profitable story!

Cleanup with Harley. Get all the facts for yourself! Just contact us.

The Unique Tool...There is nothing like a Harley!

Glenmac

P.O. Box 2135 Jamestown, ND 58402

(701) 252 - 9300

TELEX 5101001848

Toll Free in the U.S. 800 - 437 - 9779



Circle 140 on Reader Service Card