

ROOKIES

PRODUCT UPDATE

GRANULAR APPLICATORS



For broadcasting fertilizer or granular chemicals, or for overseeding ryegrass and other seeds, two trailer models of Orbit-Air applicators have been introduced by Gandy Company.

The Model 6210 has a capacity of 600 pounds of fertilizer, 450 pounds of dry chemical, or eight bushels of seed. The air system is powered by a gas-engine blower. Material metered from individual outlets is carried to deflectors positioned across a 20-foot folding boom to "spray" the dry material downward under pressure.

Two electric clutches allow shutoff of either boom half for spot application or treatment of narrower turf areas. Individual outlets can also be closed. The breakaway boom is height-adjustable from 18 to 26 inches.

Application rates are set by the operator on an infinite-speed control unit which adjusts the rpm of the metering wheels in ratio to the ground speed. As the travel speed increases or decreases, the control unit maintains the same ratio to apply a constant application rate.

Three choices of metering wheels are available for application of chemical, fertilizer or seed. The model is also offered as a skid-mount for installation on utility vehicles, or as a three-point hitch mount.

GANDY COMPANY

Circle 136 on Postage Free Card

FINE-TEXTURED PERENNIAL RYEGRASS

Northrup King Company has announced the release of Caddie fine-textured perennial ryegrass. The fine-bladed, medium-dark-green variety exhibits excellent seedling vigor, superior tillering capability and uniform density.

Caddie was developed from germplasm collected from rust trials. It demonstrates excellent resistance to many common turf-grass diseases, such as crown rust, leaf spot and dollar spot.

30 sportsTURF

The extremely rapid germination and establishment plus aggressive tillering make it an excellent choice for winter overseeding of golf course putting greens, tees and fairways. It recovers quickly from cleat marks and divots. This ability is attributed to its subset crown, located below the soil surface—a characteristic which makes it very wear-tolerant and protects it from severe cold and winterkill.

NORTHROP KING CO.

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YARDAGE MARKERS



Yardage is a critical part of any serious golfer's game. It helps in selecting the right club and gauging the strength of his or her swing. When you have to guess that a particular tree or stake is the 150-yard marker, the game becomes more luck than a sport.

Golf 2000 Corp. has devised a way to clearly mark yardage with a mat flush with the turf surface. The five-inch-high yardage figure is embedded in a one-square-foot plastic paver. Turf grows through the open cells, while yardage is displayed clearly in the center. The markers are made of high-density polyethylene, which is ultraviolet-stabilized and color-fast.

Balls hitting the markers bounce straight, so they can be placed within the fairway at intervals from 250 to 60 yards from the green. The markers are legal under USGA Rule 24-2.

GOLF 2000 CORPORATION

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48-INCH AERATOR

Designed for use with small utility tractors, the Ryan 48-inch three-point hitch Lawnaire Aerator is ideally suited for athletic fields and school grounds.



The unit can be operated up to ten mph, penetrating up to four inches for effective aeration and loosening of compacted turf. For varying soil conditions, tine choices include coring, slicing or open-spoon type. The eight cast-iron aerating wheels are equipped with eight tines each, and have grooves for mounting double tine sets if desired.

The aerator is built with a tubular steel frame and includes a steel-mesh cover with solid-steel end panels. The machine leaves a hole pattern of six by six inches with a single set of tines, covering a 48-inch swath.

The heavy (675 pounds) unit assures adequate penetration, but the tractor used must have sufficient lift capability to hydraulically raise and transport the aerator.

OMC LINCOLN

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POP-UP SPRINKLERS



Designed to resist breakage from lawn mowers or heavy traffic, the 600 Series spray pop-up sprinklers from Buckner are ideal for commercial and industrial applications.

Made to control the amount of water applied, the sprinklers feature brass, wear-resistant nozzles disguised to look like plastic to discourage vandalism.

Other features include a pop-up mechanism constructed of a sand-proof material to increase life and reduce hang-up; a debris plug that keeps foreign matter out of the sprinkler prior to flushing and installation of the nozzle; a ratchet mechanism for arc adjustment without loosening the body connection; and a check valve to reduce drainage in variant elevations.

BUCKNER

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ROOKIES

PRODUCT UPDATE

FAIRWAY MOWER



For higher productivity, the Model LF-100 from Jacobsen Turf Equipment cuts a 100-inch swath at speeds up to five mph. This is a durable, out-front five-gang reel fairway mower that gives a greens-quality cut.

The mower's heavy-duty design reportedly gives it greater durability than triplex greens mowers. Yet it exerts extremely low ground pressure, to ensure less soil compaction and healthier turf.

The smooth-running, three-cylinder, 22-hp diesel engine is liquid-cooled for efficient operation in demanding conditions. A heavy-duty air cleaner keeps the engine running clean, promising longer life.

The two outside reels are in front of the operator, so the trimming edge is easily seen without looking away from the mowing path. This provides better control of overlap, as well as improved operator visibility and comfort. The mower configuration also leaves a shorter uncut circle of grass on turns, and makes grass-catcher removal and reel maintenance easier.

Heavy-section blades and bedknives make for extra strength and longer life. The fully floating reels follow ground contours closely for a precise cut, and pivot through turns to eliminate scuffing of turf on the clean-up pass.

A foot-pedal-controlled hydraulic lift raises all five reels quickly. Two-wheel power steering offers easy maneuverability for quick turns and efficient cross-cutting.

JACOBSEN TURF EQUIPMENT

Circle 141 on Postage Free Card

ORGANIC-THATCH REDUCER

A totally natural organic-thatch reducer is now available for commercial use. Bio Groundskeeper for Thatch Reduction is a liquid for easy application with standard lawn care equipment.

Thatch reduction eliminates the need for power rakes, saves water, and reduces the environment for harmful organisms that otherwise could propagate and produce fusarium-type lawn diseases.

The product permits tank mixing with herbicides and fertilizers, and eliminates fear of damage to product from moisture/humidity that can occur with dry products.

The all-natural product contains a concentrate of microbial extracts and biocatalysts that aid in the decomposition of thatch. It introduces an added supply of micro-organisms and enzymes into the turf, which accelerates the natural decomposition process.

KLM BIO SYSTEMS

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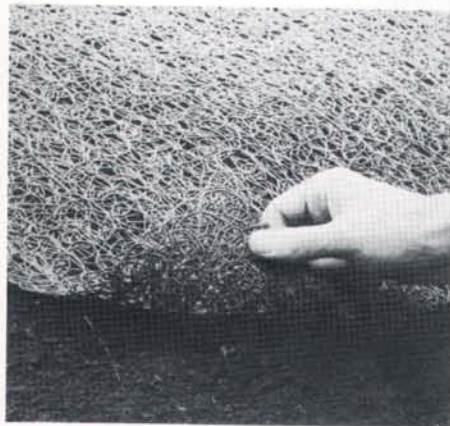
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ROOKIES

PRODUCT UPDATE

EROSION-CONTROL MAT



A permanent erosion-control mat composed of flexible, UV-stabilized, bonded, vinyl monofilaments has been introduced by Greenstreak, Inc.

Permanent Erosion-Control Mat (PEC-Mat) reduces the erosive effects of wind, rain and flood on landfill, recreational areas, golf courses, and other slopes. Because of its extra-thick filaments and dense web structure, the mat will not wash out or be undermined, even in heavy-volume areas with high-velocity flow.

The mat encourages and protects revegetation by becoming entwined with the root system, forming a strong foundation that actually reduces runoff flow volume. A calculated porosity of 80 to 85 percent allows the percolation and retention of sufficient water to promote seedling development.

PEC-Mat conforms to dips, hollows and uneven surfaces. It is available in six-foot-wide rolls of 150-foot lengths and weighs just 175 pounds per 100-square-yard roll.

GREENSTREAK, INC.

Circle 131 on Postage Free Card

VERSATILE TALL FESCUE

Rutgers University researchers set out to find an improved turf-type tall fescue—and they were well rewarded when they found Wrangler. This low-growing, dark-green grass from Jacklin Seed Company has good density, is medium-textured, and is moderately tolerant of close mowing.

The fescue exhibits good heat-and-drought resistance. It performs well in sun and shade, even under low-maintenance conditions. This grass is a 14-clone, advanced-generation, synthetic variety that is winter-hardy and an excellent performer in the cool-season regions of North America.

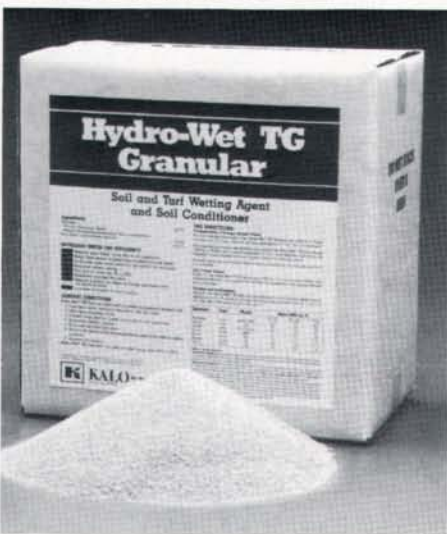
32 sportsTURF

Now in commercial production, Wrangler is recommended as a component in mixes for athletic fields, golf courses, parks, institutional grounds, play school areas, and roadsides.

JACKLIN SEED COMPANY

Circle 132 on Postage Free Card

GRANULAR TURF AND SOIL WETTING AGENT



Kalo, Inc., has announced the introduction of Hydro-Wet TG Granular, a combination soil and turf wetting agent and soil conditioner for the golf course and sports turf professional.

The improved granular contains 22½ percent wetting agent on a Terra-Green montmorillonite granule. The product reduces the surface and adhesive tensions of water, thereby improving water-use efficiency. The granular is packaged in a 50-lb. box.

KALO, INC.

Circle 133 on Postage Free Card

REFLECTIVE LIGHT DISPLAY



Three-dimensional reflective elements are used in the Glow Cube system, a reflective light-display system being offered by Daktronics, Inc., to create a dynamic, full-

matrix display that is capable of presenting animated graphics and text messages.

New technology gives the cube a long-life capacity, enabling it to deliver 100 million cube rotations without failure. That's enough to operate continuously for five years.

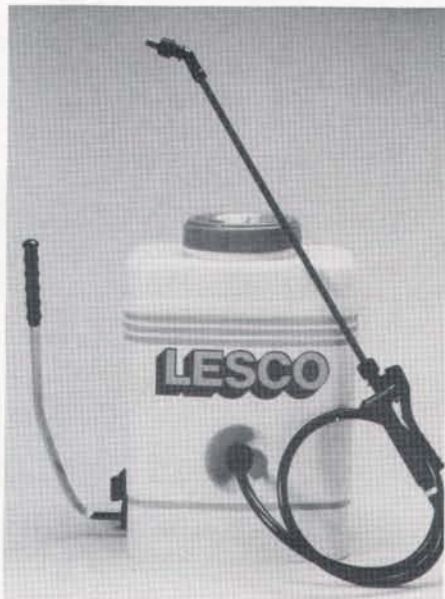
The display is bright during the daylight hours, and radiates a powerful glow at night. The elements are illuminated by ultraviolet light—either from the sun, or from a black light at night.

The cube can be rotated five times per second when showing animated graphics. It also offers a wider viewing angle because of the three-dimensional raised elements.

DAKTRONICS INC.

Circle 134 on Postage Free Card

BACKPACK SPRAYER



A backpack sprayer for applying controlled turf products has been introduced by Lesco, Inc. The bright-yellow sprayer has a tank capacity of four gallons, and features two adjustable pressure settings of 15 and 43 psi.

Spraying at the low pressure setting ensures on-target applications with maximum safety, less drift and larger droplets. The higher pressure setting is ideal for spraying ornamentals, shrubs or trees.

Designed for improved comfort and performance, the sprayer comes equipped with hose, plastic trigger valve and fiberglass lance assembly. Also standard: a plastic measuring cup and adjustable nozzle.

LESCO, INC.

Circle 135 on Postage Free Card

ROOKIES

PRODUCT UPDATE

HIGH-ROTATION SPRINKLER



For irrigation situations where a fast, light application of water is desired, Hunter Industries has introduced the gear-driven Model I-42, a high-rotation speed sprinkler.

This includes syringing golf greens and lightly irrigating clay tennis courts, skinned baseball diamonds and horse tracks. The sprinkler is also used for frost control.

The I-42 has a four-inch pop-up stroke and features a safety-cushioned rubber cover, locking body cap, and slip-clutch protected drive system. It has a five-year over-the-counter warranty.

The interchangeable nozzle/stator set supplied with each sprinkler allows the discharge rate to be adjusted from 6.5 to 25.8 gpm. It is available in 17 fixed arcs of coverage and a full circle.

HUNTER INDUSTRIES

Circle 126 on Postage Free Card

THREE-POINT-HITCH CUTTER HEAD

Ideal for renovating lawns, cutting flower beds, or other landscaping projects, a three-point-hitch cutter head with a unique blade design has been introduced by Teledyne Princeton. The unit has a specially angled cutter head that can cut widths from 12 to 24 inches.



The hitch weighs just 1,200 pounds. It can operate behind any small tractor that has a three-point hitch and tractor hydraulics.

Easier to operate than walk-behind cutting devices, the hitch can cut through soft, hard or rocky ground without difficulty.

TELEDYNE PRINCETON

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FLUID FERTILIZER

ProTurf Fluid Fertilizer is a liquid-applied turf fertilizer developed by O.M. Scott & Sons for use on all turfgrasses, such as golf course putting greens and other fine turf areas.

The fertilizer can be applied to wet or dry foliage at any time during the growing season. It gives a greening response without promoting excessive growth if used on a regular basis.

The urea- and triazone-based fertilizer

produces a clear, water-soluble solution with a good range of tank-mix compatibilities. The product is less volatile and less temperature-sensitive for better storage.

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ROOKIES

PRODUCT UPDATE

MICRO-JET SPRAYERS

A complete line of Micro-Jet sprayers for the turfgrass industry has been introduced by Snow Manufacturing, Inc. The low-volume sprayers are skid-mounted and towable.

The line features polypropylene tanks, bypass agitation, individual fingertip electronic solenoid controls, adjustable pressure control, and fully adjustable break-away boom structures.

In addition, these units can be equipped



with controlled droplet applicators (CDA)—an advanced system of spraying that uses reduced volumes with greater chemical efficiency and optimal control and accuracy. The CDA sprayers deliver droplets in a uniform size, ensuring less drift and less water use.

These sprayers will fit onto almost any utility vehicle in the industry. They are also easily towed behind four-wheel ATVs.

SNOW MANUFACTURING, INC.

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