Jake redesigns Greens King 500 Series

Improvements throughout Jacobson's new "A" Series are intended to increase the longevity, operator comfort and overall performance of these greens mowers. Special attention was paid to durability with an improved drive system, and addition of an automatic belt tensioner and heavy-duty serpentine belts.

Operator controls were also improved for comfort, strength and to maintain consistent mowing in all conditions. Variations in mowing heights due to operation or conditions have been minimized. Even the grass catchers have been designed to be more efficient.

Four different "A" Series models are available in three mowing widths. For greens with severe undulations, the Greens King 518A offers a narrow 18-inch cutting width. The 22-inch 522A features a larger cutting width for increased productivity. The 522AT offers the same productivity with a unique T-shaped handle. And for maximum productivity on tees, surrounds, aprons and relatively flat greens, the Greens King 526A offers a 26-inch cutting width.

All Greens King 500 Series mowers are powered by 4-hp, 4-cycle CARB-approved Honda engines. Operator controls are on the handle and within easy reach. Bi-directional transport wheels can be used on either side of the mower.

Optional accessories for the Greens King 500 "A" Series include rollers, roller brushes and a light kit.

Additional information is available at www.textron.com, or call (888) 922-TURF.

John Deere's 1620 conquers tough terrain

The John Deere 1620 wide-area flex mower is well equipped to tackle large areas of terrain full of inclines, dips and hard-to-reach places. The 1620 features a 96-inch LasTec Articulator deck with a 30-inch side trim overhang that mows undulating areas at a consistent height-of-cut. While operating at a speed of 6.5 mph, the 1620 can cover up to 6.3 acres per hour.

Kubota GF1800 ground-hugs even on slopes

The Kubota GF1800 front mower features enhanced ease of operation and increased mobility on slopes and in soft ground conditions. To achieve continuous ground-hugging traction, operators can lock in the GF1800's four-wheel drive on-the-go by depressing the four-wheel drive lock pedal. If you want merely to power through a tough spot, simply activate temporary "on-demand" four-wheel drive by pressing and holding the two designated pedals simultaneously.

The 18-hp diesel engine provides high torque rise to handle tough mowing jobs. Fuel economy is improved with Kubota's Three Vortex Combustion System (TVCS). Rubber engine mounts minimize vibration and cooling air is discharged to the rear, away from the operator. For more information, contact 888-4-KUBOTA.
**HARDWARE**

**Toro Groundmaster 4000-D: diesel, rotary and more**

The Toro Co. introduces the Groundmaster 4000-D large area mower. The 4000-D features a 51-hp Kubota diesel engine and an 11-foot rotary mower delivering power, maneuverability and cutting performance.

Rear discharge decks deliver even dispersion of clippings for a clean after-cut appearance. The tight wheel base combined with significant steering angles enables operators to easily handle and direct the machine where they want it to go. Additionally, four-wheel drive traction in forward and reverse provides excellent footing in a variety of turf conditions.

Contact 612-888-8801 or www.toro.com.

**New Holland readsies new models**

New Holland introduces four new all-purpose tractors. Featuring 42- to 62-hp New Holland/veco engines, they deliver up to 36-percent torque.

The 8 by 8 Synchro Command transmission features synchronized, helical-cut gears for precise, on-the-go shifting.

The Power Shuttle transmission is electro-hydraulically operated with a low-effort control level located on the left-hand side of the steering column so the operator's hand never needs to move the steering wheel. For more information, contact www.newholland.com/na.

**The Andersons**

For over 30 years, The Andersons has been providing professional golf course superintendents with the knowledgeable technical support and dependable products that get them the results they need to satisfy the most demanding golfers.

BECAUSE EVERY DAY IS TOURNAMENT DAY.

**PrizeLawn's BigFoot**

PrizeLawn BigFoot HVO was designed for the application of PennMulch topdress sand, icemelt, limestone and fertilizer. The BigFoot features a hinged plate configured for normal fertilizer applications, which flips out of the way to expose the massive port.

It features 13-inch pneumatic tires, an improved ergonomic handle and an easily removed gear cover allowing quick access to gears. Spring-loaded on-off lever assures immediate opening at the beginning of a pass and positive shut-off at the end.

Hopper capacity is 1.75 cubic feet, approximately 100 pounds of fertilizer or 115 pounds of ice melt. Top-mounted rate adjustment is easy for the applicator to set and can be verified during operation.

Contact 614-228-5781 or www.PSBCompany.com.

**We live for our golf course customers to get these kinds of letters. We know that what you do throughout the year often goes unrecognized or unappreciated.**

So when you get the praise you deserve, we consider our mission accomplished.

For over 30 years, The Andersons has been providing professional golf course superintendents with the knowledgeable technical support and dependable products that get them the results they need to satisfy the most demanding golfers.

We look forward to another season with you at the helm!
Wet greens? Bowdry sucks up excess water easily

Bowcom Ltd. is marketing its new Bowdry ground-care machine in the United States. The Bowdry quickly removes excess water from any surface, meaning that play — or ground maintenance work — can go ahead as soon as rain stops.

Bowdry also lifts dew from grass and saves time and chemical use because it inhibits the growth of micro-organisms which use water droplets as incubators in the early-morning sun.

Bowdry is a 28-inch foam roller, designed for the maximum absorption of water lying on any ground surface. It picks up all standing water and squeezes it out into an easily-emptyed holding tank.

The large-capacity tank and the thick foam roller hold more than 16 gallons of water.


Aercore offers quality, quickness

The tractor-mounted John Deere Aercore Aerator 2000 features an 80-inch coring swath that delivers high-productivity without sacrificing hole quality, durability or ease of service.

The aerator produces coring holes up to 4 inches deep and can cover 100,000 square feet per hour. Its heavy-duty frame, tine rams and adjustable hole spacing make the aerator durable and versatile. Operators have a choice of two coring patterns — a 2.4-inch pattern or a 3.2-inch pattern, depending on the speed of movement. The patented "Flexi-Link" design ensures that tines stay perpendicular to the ground for a consistently round hole. The high-speed tine rams push into the turf and then pull out quickly, leaving little or no scuffing at the top of the hole.

For more information, contact John Deere Inquiry Department, P.O. Box 12217, Research Triangle Park, N.C. 27709.

Toro Multi Pro aims at precision

The Toro Co. introduces the Multi Pro 1250, that features a precision spray control system that is tied to the drive system. The application flow rate instantly and proportionally adjusts to changes in the speed of the spray vehicle, reducing the reliance on an operator’s expertise and precision. The Multi Pro 1250 provides a reliable spray system incorporating a diaphragm pump and “O” ring sealed plumbing components. A 20-hp Kohler V-Twin engine matched with an accelerator locking device maintains constant speed during long runs. The four-wheel brakes provide reliable stopping response, even with a full load on a side hill.

The Multi Pro 1250 will be available Summer 2000. For more information, contact 612-888-8801 or www.toro.com.
**Rockaway does away with rock and dirt woes**

The Rockaway removes rocks and debris as it tills and fluffs soil to prepare for seeding or sodding.

Dirt and rocks are processed together by a durable rotor equipped with carbide-tipped mining teeth.

The teeth are spiral-mounted to pull material toward the center. Dirt clumps are broken up, leaving only rocks and debris in the loader bucket. Fine dirt for seeding passes through the rotor and out through the Rockaway screen. The unit pins onto existing utility, high-capacity, or low-profile skid-steer buckets.

For more information, contact 800-879-6507.

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**Maintain it with Box Blade**

The Harley Power Box Blade features a solid carbide toothed rake that is fixed in a straight forward operating position and welded to a quick attach plate. The roller is powered by the boom hydraulic of the skid-steer requiring 14 gpm. The Box Blade is ideal for landscaping, trench restoration and turf maintenance. Contact 800-437-9779 or www.glenmac.com.

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**True-surface rollers for Deere 2500**

Turfline, Inc. has announced the introduction of true-surface vibratory rollers to fit the John Deere 2500 greens mower.

The rollers take the place of the cutting units and utilize the tractor hydraulic system to create roller vibration. The roller system trues putting surfaces and increases ball-roll distance. The rollers are used after aeration, light topdressing, and seeding or sprigging new putting greens.

For more information, contact 800-443-8506 or www.truesurface.com.
Landmark fescue

Reserve, a new turf-type tall fescue from Landmark Seed Co., has a lower growth habit, excellent drought tolerance and high shade tolerance. The turf is disease resistant to red thread and brown patch. Genetic color is dark green, from its early spring green-up to top-rated fall and winter color. Reserve establishes quickly and performs well under low maintenance and in high traffic areas. Contact 800-268-2379.

Dakota selling Turf Tender

Dakota Peat and Equipment introduces the Turf Tender 410. The 410 top-dresser/spreader is designed to pull behind any utility vehicle or tractor. The standard machine is designed to operate with a vehicle that has a minimum hydraulic flow of 3.5 gallons per minute. If used with a vehicle without hydraulics, an optional 8-hp Honda motor with electric start powers the hydraulic system.

The 410 spreads any material from fertilizer and grass seed to sand and top dressing to wood chips or mulch. The spread rate can be adjusted on-the-go with the optional vehicle mount control box. The 410 hopper holds more than .75 cubic yards of materials and is designed to fit loader buckets up to 6 feet wide. Contact 800-477-8415 or www.dakotapeat.com.

Salam Paspalum made available

Southern Turf Nurseries adds Salam Seashore Paspalum to its stable of turfgrass varieties.

This selection of Paspalum vaginatum is a succulent, low-growing, warm-season turf-type grass and has leaf texture similar to Tifway 419 hybrid Bermudagrass. Salam is an aggressive creeping grass, has high salt, wear and weed tolerance. The turf has been successfully used on courses in Florida, Hawaii, Thailand, the Philippines, Egypt and Saudi Arabia. For more information, contact 800-841-6413.

540-pto powers Gandy overseeder

The Gandy 4-foot model 2848 overseeder offers efficient reseeding of damaged turf with its 540-pto driven power deck featuring 8-inch saw-tooth blades on 2-inch centers as standard equipment. Tractor power required is 18 hp or greater. With slits 2 inches apart, the grass is re-established with one pass, while a cross-hatch operation expedites fill-in.

The seeder package includes a Gandy 42-inch seed hopper offered with either disc openers which hold the slit open to accommodate seed in and alongside the slit; or a seed shoe assembly which channels most seeds directly into the slit. The disc assembly can also be angled by turnbuckle to create a wider slit. Contact 800-443-2476.

Spot Less rye is in

DLF-Trifolium Inc. announces the release Spot Less, a perennial ryegrass blend developed to combat the leaf spot problem affecting perennial ryegrass lawns in the central and upper Midwest.

For more information, contact 541-812-0217.
Land Pride offering soil pulverizers

Land Pride has expanded its seeder line with the introduction of the SPS2048 and SPS3072 soil pulverizers with seedboxes. Available in 48-inch or 72-inch widths, these soil pulverizers aggressively rip into crusted soils with reversible half-inch-thick scarifier teeth. The fluted seed cups then precisely meter the desired amount of seed in a broadcast pattern. The full-width pulverizing roller finishes the job by packing the soil down to encourage seed to soil contact. The down pressure springs keep the roller in constant contact with the soil and the leveling H-beam redistributes freshly loosened soil for an even seedbed. For more information, contact 785-820-8692.

Sureturf seeded mats simple

Eagle One Golf Products introduces Sureturf seeded mats. The mats are single use, lightweight and complete with seed and fertilizer. Sureturf is simple to install and gives an even application of seed while greatly reducing seed runoff. The seed-embedded fabric also acts as a lightweight erosion control blanket which decomposes after four weeks. Green-up takes just four months. Sureturf seeded mats are also ideal for use in difficult to grow areas such as bunkers and slopes. For more information, contact www.eagleonegolf.com.

Rain Bird’s Exclusive Top-Serviceable Rock Screen EAGLE™ Rotor.

Don’t let sand, silt and harsh chemicals get the best of your rotors. Get the rugged durability and low maintenance of Rain Bird’s most advanced line of rotors.

- EAGLE™ gear drive rotors feature the Top-Serviceable Rock Screen/Integrated Valve Seat* that saves time and labor by allowing you to remove debris and flush pipes without digging.
- The new one-piece snap cover easily secures the internal assembly in place and provides quick access.
- New Shovel Guard™ protection eliminates damage to hydraulic tubing on electric rotors.
- New higher stroking valves let debris pass through to prevent weeping.
- The new wind fighting dual spreader and high performance nozzles improve water distribution.
- High 3.25” pop-up height raises stream above tall grass, prevents puddling and ensures proper water distribution.

Give yourself a fighting chance. Get the new EAGLE rotors and leave the dirty work to us.

Celestial Fountains reach for the stars

KIEL, Wis. — AquaMaster Fountains and Aerators introduces its newest line of high-performance fountains, Celestial Fountains. Celestial Fountains are capable of producing fountain spray patterns up to 100 feet high, in horsepower ranging from 10 to 25.

Backed by a two-year warranty, Celestial Fountains are available in four spray patterns — Aquarius, Pisces, Libra and Gemini — to create dramatic waterscape aesthetics.

Celestial Fountains feature oversized floatation type tires for ease of launching. The precision-leveling, unobtrusive modular floatation system features individual high-density polyethylene floats that are in-water adjustable.

The frame, constructed of heavy-duty tubular welded stainless steel, contains a large-capacity, rigid 16-gauge stainless steel intake screen. Each package is then completed with electrical control panel, 100 feet of underwater cable, cable disconnect, and an interchangeable nozzle.

An optional 500-watt stainless steel halogen lighting system is available.

To learn more about AquaMaster’s product line, visit the company’s web site at www.aquamasterfountains.com.
**IRRIGATION AND DRAINAGE**

**Bunker Woll puts on a new face**

BunkerNet introduces the Bunker Woll, a three-dimensional erosion control product made from natural fibers for use on bunker faces.

Bunker Woll is placed on the clay surface of the bunker face with sod staples.

Water infiltrates through the sand, runs through the Bunker Woll and down the clay surface into the drain without pulling sand down with it. The Bunker Woll reduces silt contamination and bunker maintenance.

For more information, contact 800-713-0015.

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**Go au natural with Fairway Feel**

Reliable Golf Course Supply introduces Fairway Feel practice mats that are made from natural fibers that feel like natural grass.

The mats are made from "coir" fibers that provide a thick uniform surface that accepts tees and is forgiving enough for golfers to hit under and through the ball without the skip or bounce from traditional mats.

Fairway Feel is ideal for driving range tees, par-3 tees, temporary teeing areas or anywhere real grass is needed but is hard to grow or maintain. The mats are available as individual station mats or in 20-feet-by-44-inch rolls.

For more information, contact 800-274-6815.

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**Brass cups combine tradition and ease**

AUBURN, Pa. — Two years after introducing its revolutionary aluminum Tuff-Core golf cup, NAPEX Golf has rattled the standard once again. Because cups in the early part of the century were constructed of brass, the new Brass Tuff-Core was unveiled to combine the tradition of an antique brass cup with the convenience of a modern plastic cup.

The new Brass Tuff-Core adds a classic brass bottom to the original white polycarbonate outer shell and extruded aluminum pin support. The extruded aluminum is purer and denser than current die-cast metal cups and thus provides added resistance to the wear and tear put on cups by wind and repeated flagstick removal.

The pure white polycarbonate outer shell is impregnated white and remarkably scratch resistant, so it isn't necessary to paint the cup to maintain maximum visibility.

The brass bottom provides the popular ball-drop tone of the conventional metal cup.

For more information, contact 888-627-3948.

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ADS on the edge

Advanced Drainage Systems, Inc. is rolling out its new AdvanEDGE pipe that is increasingly being used for drainage in golf course greens. The molded wye incorporates a bell on each end, eliminating the need for external couplers. Additionally, the pipe can be installed flat eliminating the need for costly trenching.

Mole crickets 'Address'-ed

The Rohm and Haas Co. introduces ADDRESS T/O insecticide, a high-quality, cost-effective acaricide that can be used for the control of mole crickets, fire ants, cutworms, army worms and numerous other pests that damage turf. Address is water-soluble and is readily absorbed by turf, tree and shrub roots and foliage for systemic control of feeding insects. It is a 75-percent soluble powder formulation and is available in one-pound canisters, 10-pound bags and 1/3-pound water-soluble pouches.

For more information, contact 800-987-0467.

Losing fertilizer to mower pickup just doesn’t cut it.

What a waste. Applying fertilizer one day, only to have it picked up by the mowers the next. With some fertilizers it’s par for the course. But not with NOVEX™, the new homogeneous, controlled-release fertilizer from LESCO.

The tiny, uncoated NOVEX particles readily penetrate the turf canopy. They resist mower pickup even when applied to extremely dense, low-cut putting surfaces. And that’s a real advantage in more ways than one.

With NOVEX, you don’t waste money by throwing away a significant amount of fertilizer with the clippings. And the fertilizer stays in the turf so it can do the job it was intended to do. With that kind of efficiency you may even find yourself applying less product. And another benefit? NOVEX is barely visible to the golfers.

NOVEX is available now in an assortment of analyses in fairway or greens-grade particle size. Try it. You’ll see. This is a great fertilizer plus only for what it does, but also for what it doesn’t do...get thrown away with the clippings. Contact your LESCO Professional or call 800.321.5325.

Endure best for pre- & post-plant

Best Endure 15-15-15 is designed for pre- and post-plant fertilization of turfgrass areas. Featuring 68 percent controlled-release nitrogen with polyon (42 percent) and TriKote (26 percent) coating technologies, Endure provides up to 10 weeks of extended nitrogen release. Its 1-1-1-N-P-K ratio offers nutrient levels suited for turfgrass establishment.

Endure also contain BEST’s pre-plant fertilizer, 6-20-20 XB. A dust-free, homogeneous pellet, XB is a beneficial preplant supplement fertilizer for soils low in phosphorus and potash. The homogeneous pellets offer consistent distribution for uniform growth and prevent streaking due to particle segregation as well as iron stains.

Contact 800-992-6066 or www.bestfertilizer.com.