pulled behind your field groomer or utility vehicle.

Sprayer - I have a large sprayer that fits on my Cushman and a backpack sprayer that I use for spot spraying. It's nice to have this equipment on site when timing is critical for disease incidence.

Luke Yoder, field maintenance, Pittsburgh Pirates

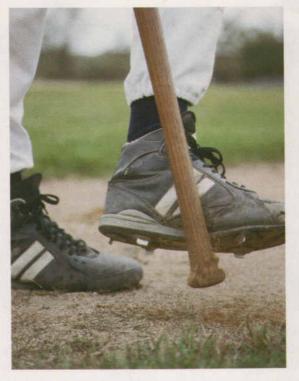
The following are pieces of equipment that we have in our fleet and the reasons why each is important to have:

John Deere 4200 4WD tractor for running implements. We have a snow blower, a pronovost dump and a core harvester that we attach to this tractor. This tractor is set up with galaxy turf tires and hydro-stat transmission.

John Deere 59-inch snowblower for snow removal.

John Deere 4400 4WD tractor w/John Deere 430 loader to load the topdresser, run the tiller, and aerify the outfield. This tractor has a little more power than the 4200 and is necessary to run the attachments that were previously mentioned. This tractor is also set up with galaxy turf tires.

John Deere 2653 A Triplex mowers to mow the outfield. It makes a nice cut, leaves an attractive stripe and gets the job done quickly. It also has a builtin back lap switch so we can back lap without having to remove the cutting units. We do this at least once a month. I feel it is important to have two of



these mowers so we always have a backup; or if we are mowing foul at a higher cut, we can have one designated for each.

John Deere Electric Turf Gators for hauling tools or materials and for getting from point A to point B.

John Deere 2020 Cab ProGator w/200 sprayer has a sharp turning radius and the reverse speed is plenty fast for backing off of the wall. The booms are hydraulic and can be easily lifted to avoid hitting the wall. All of these features allow us to turn on the warning track and not the turf. It also has a ventilated cab, which protects the applicator from chemical spray drift.

John Deere 2020 ProGator to run the topdresser that mounts on the back and also the bed. The bed in the ProGator has payload capacity of more than 2,000 pounds, which is important for heavy loads.

John Deere 6X4 w/ front blade for hauling around heavier loads, but its main purpose is to clear snow off the field if it snows before a game.

1500 3pt Aerifier for the outfield. It works fast and has adjustable hole spacing, as well as

adjustable hole depth. We always use hollow tines when we aerify.

John Deere 800 walking aerifier for our infield and foul areas. We can use different sized tines. It has adjustable hole depth as well as hole spacing, and it best suited to do smaller areas.

John Deere 1200 A field rakes for helping to maintain our infield skin and

PROFESSIONAL GROUNDSKEEPING PRODUCTS

800 228 2987 www.diamondpro.com

Infield Conditioner Calcined Clay Professional Top Dressing Drying Agent Athletic Field Marking Dust Mound and Home Plate Clay and Bricks

Visit Our New Updated Website DIAMOND PRO

Circle 116 on card or www.oners.ims.ca/2077-116

warning track. We have two of them so we can designate one to the warning track and one to the infield skin. They have a great drag in the back that leaves a nice finish and also a good blade in the front for pushing material. The scarifier comes in handy for opening up the top surface, making it easier to move around material from high to low.

John Deere TC125 core collection system to harvest the cores off of the field after aerifying. We can pick up the cores off of the field without smashing them into the turf.

John Deere 220A walk-behind greens mowers to walk mow the infield and foul. They are easier on

the grass than a large tractor mower and make a nice pattern. The lines are smaller than the outfield and bring a neat look to the field.

Tanaka TLE shaft-driven edgers for edging the entire ball field throughout the entire season.

STIHL BR420 backpack blowers/vacuums are a critical part of our maintenance program. We use the vacuums after every game to suck every lip on the playing field. These do a much better job than a broom or a leaf rake of removing clay and calcined clay from the turf edges. It is also easier on the turf than a broom or a rake. I have found that by doing this on a regular basis it almost eliminates the need to blow lips with a water hose.



Because *their* definition of "playable" will never be the same as yours.

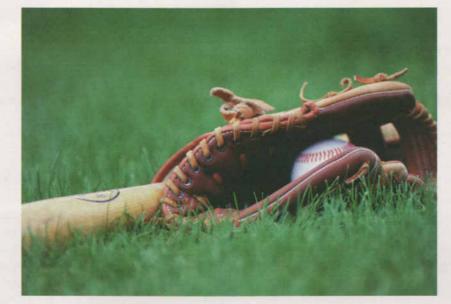
Most sport facilities are often faced with very short periods of time between sport seasons to get their fields "playable".

Typar[®] Turf Blankets will enhance germination and root growth, allowing for earlier usage and greater survival through seasons.

Call 800-455-3392



Circle 117 on card or www.oners.ims.ca/2077-117



ters box after a game

Husqvarna CT20 tiller comes in handy for softening up areas of the field we want to play slower. We use it every other game day to soften in front of the plate so if the ball is hit in the front of the plate it dies and makes for an easy out.

Scotts SS-2 stainless steel drop spreader for when we want to put out a granular product more accurate than a rotary. They also come in handy when it is windy and do a better job of putting out seed than a rotary

Scotts SR-2000 rotary spreaders do a great job of evenly spreading out the product. They also have a side deflection shield. This allows us to cut off one side of the spreader so we do not fertilize the dirt or track.

Dynapac CC092 two-ton roller for rolling the skin area.

Brouwer roller by Textron to roll areas that get heavy play.

Ryan 18-inch sod cutter for harvesting sod out of our nursery to put on the field.

John Deere JX85 SP 21-inch mower w/bag to mow the bullpens and also the tarp area when the grass gets matted down. These rotaries have great vacuum power and help the stand the grass up as it is cutting.

John Deere 660 3pt tiller hooks up to our 4400 tractor and we use it for renovating our infield.

John Deere 820R WB tiller for smaller areas than the big one. We use it on the home plate area, the bases area or anywhere near the grass where we are not comfortable using the big tiller.

Heather Nabozny, field superintendent, Detroit Tigers

My fleet includes the following: Jacobsen Greens king 6 triplex mower; Jacobsen PGM walk behind greens mower; Cushman Turf Truckster utility vehicle; Club Car utility cart; 125-gallon sprayer (attaches to Cushman); Ryan GA 30 aerator; Ryan Core Harvester (attaches to Cushman); Bobcat loader; MTD rotary mulching mower; two RedMax backpack blowers; Tanaka string trimmer; Maxim power edger; Smithco trap rake; Brouwer one-ton roller; Turfco Mete-R-Matic sand topdresser; two Cub Cadet garden tractors; and two MTD pull behind leaf sweepers.

We use the triplex mower to mow the outfield and sidelines, and the walk behind greens mower to mow the infield. Our Cushman is versatile and I am working on getting a second this year. The Cushman has a full-size hydraulic dump box; the sprayer is also compatible, along with our core harvester. We use the dump box all of time for materials and such. We use the sprayer for whatever type of turf application we might need to spray. When we core aerate the field with our Ryan GA 20 aerator we pick up our cores using the core harvester. The core harvester works nicely because it is a little wider than the aerator. Our club car also has a dump box on it, although it cannot handle the payload that the Cushman can.

The Bobcat loader makes us much more time efficient. We use it to load sand for topdressing and to move and load other types of materials. Our MTD rotary mower is essential because we mow our bullpens with it. We have fencing surrounding our bullpen and the gates are rather narrow. The rotary

Hotsy pressure washer to clean equipment after using it on the field. We clean our mowers after every use and every thing else once a week.

Foley United reel grinder helps maintain a sharp edge on our reels. We grind our reels twice a year. Having our own machine allows us to set our own schedule and grind when we need to.

Royer soil screener shreds clay for us. We can put in chunky or rocky clay and have it sift through to the finished product coming out is workable. We can also put in clay blocks or bricks and have it chew it up and spit it out into a workable form for repairing the pitchers mound or batmower was the only mower that we could fit through the gates. We have two backpack blowers for cleaning the dugouts after the game as well as on firework nights for cleaning up the debris that falls on the infield skin. The string trimmer is used to trim the turf next to the walls and fence in the bullpens. The edger is used to edge the field. The trap rake is used to drag the track and it has a couple different attachments to scarify, level, and even plow. We usually hand drag our infield except when we are doing renovations, which is when the Smithco trap rake comes in handy. Our 1-ton riding roller is used for the lips and clay areas that need compacting as well as on the warning track when we install new material. The topdresser is used for our sand topdressing. The Cub Cadet garden tractors are used for bringing out batting practice equipment and for pulling the leaf sweepers. The leaf sweepers are used to pick up firework debris.

John Mott, superintendent, RecSport Grounds, Ohio State

There are many pieces of equipment to assist the sports turf manager with his/her duties. Starting with the most important, at least three different mowers are necessary. I call the first a production mower. We use a Jacobsen 5111, which has an 11-foot-plus cutting width. With 90-plus acres of cool season grasses, this rotary allows us to maintain a twice per week cutting schedule. A zero-turn trimming mower compliments the production mower and provides speed and agility for the grueling task of trimming hillsides, around trees and along fences. It also has the advantage of a relatively fast transport speed, which gives the option of trailering or driving to multiple locations. A rugged hand mower provides a means to get into those tight spots. I use a heavy steel deck two-cycle driven push mower, which seems to handle those overgrown tight spots. Consideration should be given to the presentation desired. A striping mower is on my list of most desired. Something like a Jacobsen 2500 with enviro decks would serve this purpose. Many of the z-turns have a striping kit option.

Line trimmers are also a must. The new rapid load heads using precut lengths of square line help eliminate downtime and wasted time rewinding spools. A backpack blower will finish the clean up of clippings.

Creating and stimulating this fine stand of grass starts with a 40 to 50 horsepower tractor. Wide turf tires help eliminate rutting and soil compaction and there is less surface disruption. Diesel engines provide economy of operation and long service life.

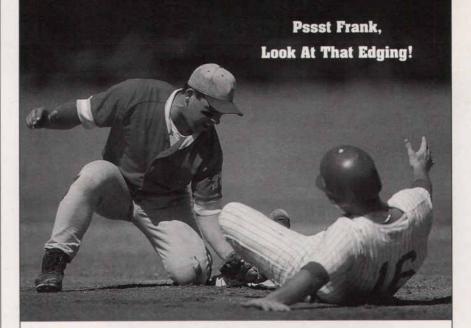
A two hopper slit seeder can serve several functions. Seed and fertilizer can be sown at the same time. The vertical blades of this type seeder can be used to augment aeration and they also provide excellent seed-to-soil contact for a high degree of germination. A roller on the back of the seeder helps smooth surface disruption. I use a pull-behind, hydraulically lifted core aerator with 1/2-inch tines. This requires several passes in at least two directions. A solid tine aerator would provide an alternative to coring, which can produce a level of compaction at the depth of the tines. A shattertine or camtype process both seem effective. A 10 to 40 foot adjustable swath broadcast spreader handles distribution of fertilizer. 500-pound capacity helps eliminate excess loading.

Weeds are attacked using a boom sprayer. The new computerized selfpropelled units provide excellent quality and consistency. I also use a 3 pt, hitch-mounted tank sprayer with adjustable gun for spot treatments, fences and tight spots. Pump-up handheld sprayers handle the small jobs and there are several nice backpack units as an alternative.

A small topdresser is a necessity and consideration should be given to carrying capacity versus length of runout. The large area topdressers can also serve as material handlers and help load and distribute mixes. A skidsteer loader is beneficial for loading the topdresser. The capabilities of other attachments make owning a skid-steer a nice luxury.

Depending on staffing levels, one or more utility vehicles will enable the staff to move about the grounds and haul various materials. We have a small trailer dedicated to hauling a rototiller, walking silt seeder, bunker edger, sod cutter, drags and line stripers.

Also in our inventory are two types of rollers. A pull-behind 3 gang turf roller is used for general rolling needs and I have found that a small driveway roller is excellent (and a little heavier) for ball diamond skins.



Great Fields Get Noticed.

Turfco offers you a strong team of turf building equipment. They're the fastest and most versatile equipment to let you build hardier and healthier turf. Your sports fields become safer to play on and become easier to maintain. Originators of Mete-R-Matic[®] top dressers in 1961, Turfco's professional equipment gives your field a look that gets noticed.

Pro Turf Edger

Special design makes it easy to follow any edge. Eliminates spade work around the diamond. Oscillating blade action cuts fast and clean. Leaves no mess or no thrown debris to clean up.

Economy Aerator

Now you can afford to breathe life into any sports field. This low cost, 62" aerator has no hydraulics or mechanical linkages for easy use and low maintenance. Hooks up to any vehicle in seconds.

Precision Top Dresser

Fast, uniform, versatile. Patented chevron belt lets you handle top dressing, lime, crumb rubber, gypsum, calcine clay, compost and even overseeding with precision. Level fields and amend soil consistently.



For details and the name of your local dealer, call 1-800-679-8201 Turfco Manufacturing Inc.

1655 101st Avenue Northeast Minneapolis, MN 55449-4420 Choice Performers, Choice Fields.



THE LEADER. SINCE 1961.

SPORTSTURF 33



TOPDRESSER SPREADER

Earth & Turf Company announces their new Model 300 MultiSpread Twin Spin Topdresser spreader, which uses the latest in plastic spinner technology for easy maintenance. The spinner system spreads up to 15 ft. wide, 1/4 in. deep, for a very uniform, light topdressing. The 300 MultiSpread capacity is 27 cu. ft. heaped. Earth & Turf topdressers are both well built and affordable, says the company. Earth & Turf/888-693-2638 For information, circle 141 or see www.oners.ims.ca/2077-141

JACOBSEN COMMERCIAL BRAND

Jacobsen Turf, Commercial & Specialty Products announces the availability of a new line of Jacobsen brand Commercial Grounds Care Products for the landscaping, professional and commercial lawn care, industrial turf care markets. The new product line will be sold through a network of authorized Jacobsen Commercial Grounds Care dealers. The new products, in familiar Jacobsen orange, include Premium Hydrostatic and Gear Drive Walk Behind Commercial Mowers with the new Z-Control handles, zero-turn riding mowers, lawn and field aerators, tractors with a wide range of turf and grounds care accessories, the Turf-Cat 600, HR-4600, HR-5111, HR-9510, AR-2500, the 16-foot wide HR-9016, and a full line Commander and Hauler utility vehicles and accessories. Jacobsen Turf, Commercial & Specialty Products/888-922-TURF For information, circle 143 or see www.oners.ims.ca/2077-143



Compaction is a Leading Cause of Injuries on the Sports fields

AerWay®

- No Clean-up of Messy Cores
- No Disruption of Play
- Up to 7" of Deep Tine Compaction Relief
- Starting at under \$3,000.00



Advanced Aeration Systems

www.aerway.com aerway@thehollandgroupinc.com

Circle 119 on card or www.oners.ims.ca/2077-119



SOIL RENOVATOR

The RotaDairon sports field renovation machine is now available in tractor, skid-steer, mini-skidster and walk-behind models. The RotaDairon soil renovator comes in sizes that range from a work width of 24 inches up to 13 1/2 feet. The multiple use machine is ideal for blending amendments into the clay infield from a depth of 1 1/2 inches up to 8 1/2 inches. The RotaDairon is capable of eliminating the lip that develops between the infield and outfield. It also has the ability to redo a section of worn turf or the entire field. The RotaDairon will chop up clumps of sod and debris, recycle existing material, bury rock, level and seed in a single pass.

RotaDairon Emrex/800-554-4863 For information, circle 144 or see www.oners.ims.ca/2077-144

NEW CULTURAL PRACTICES

Koro products' inventor KO Rodenburg maintains 280 athletic fields in his native Rotterdam. He saw a need for more specialized renovation products 12 years ago and the results of his work are now available in North America through GreenOne Industries Inc. From drainage, black layer, aeration/topdressing, sprig harvesting, poa control to simply removing up to 2 in. top layer of root mass without disturbing grade, KORO equipment

means quality and efficiency. GreenOne Industries 866-KOROUSA For information, circle 059 or see www.oners.ims.ca/2077-059





MARK WHILE YOU MOW

Tru Mark Athletic Field Marker is offering its RS-500M Rider, a self-propelled field marker with an integrated mower deck. The unit incorporates a 33-in. mower deck (optional 24-in. blade) with five adjustable height positions. The paint shoe assembly is mounted on the front of the unit for added visibility and improved line coverage. A foot pedal lift mechanism allows for quick lifting of the shoe assembly to avoid obstructions.

The paint shoe assembly incorporates a two opposing adjustable nozzle bracket and a variable shoe width capability from 2-6 in. that floats over the terrain for added line accuracy. All hand controls, the throttle, pump switch, and shifting lever are within quick reach of the operator's seat.

Tru Mark Athletic Field Marker/800-553-MARK For information, circle 154 or see www.oners.ims.ca/2077-154



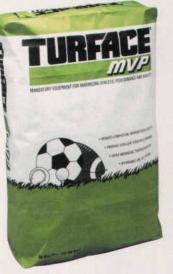
Used on more fields to prevent rainouts and improve field safety

TURFACE – THE #1 CHOICE

Groundskeepers from Major Leagues to High Schools rely on TURFACE more than any product to maximize the safety and performance of their athletes through wet springs and dry summers.

TURFACE in the field will dramatically improve your playing surface. We guarantee it!

Our commitment to coaches and sports field managers is shown through our major sponsorships of the ABCA, STMA, HSBCA and the NFCA.



FREE VIDEO - \$49.95 VALUE!

EDISON FIELD -Home of the Anaheim Angels

Mail your request today to receive your TURFACE Sports Field Maintenance Video featuring Major League and NFL groundskeepers with complete maintenance instructions. This offer is valid for a limited time.

To receive your video, send us your Facility, name and UPS address along with a check or money order for \$6.95 shipping and handling made out to PROFILE Products LLC, 750 Lake Cook Road, Suite 440, Buffalo Grove, IL 60089. Allow 2 to 4 weeks for delivery.



★1-800-207-6457★ www.turface.com

Circle 120 on card or www.oners.ims.ca/2077-120

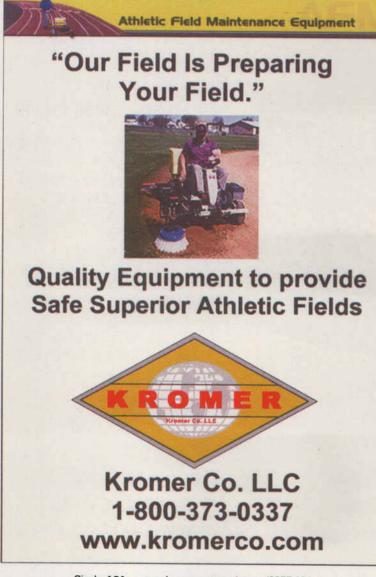


FIELD MAINTENANCE VEHICLE

Broyhill introduces the new Highlander SPORT turf maintenance vehicle, designed to provide multi-functional tasks for turf and athletic field maintenance. Highlander Sport's hydrostatic drive, 16-hp air-cooled engine, and zeroturning radius provide maneuverability and speeds up to 12mph.

Standard features include a low-profile fiberglass body, ergonomic seat with engine switch, and exclusive wraparound rear-hinged cargo box for operator accessibility while seated. Mid- and rear-hydraulic lifts accommodate a variety of attachments.

Broyhill/800-228-1003, x34 For information, circle 152 or see www.oners.ims.ca/2077-152



Circle 121 on card or www.oners.ims.ca/2077-121

VERTI-CUTTER

Goossen has available a PTO-powered pull unit for verti-cutting, dethatching, renovating, and prepping for overseeding.



Features include: 540 rpm power take-off, right angle gearbox, #60 chain drive with shear bolt and a 60-in. swath. Additional detail was made to the 1 1/2-in. blade spacing (40 blades) of 12 ga./10 pt. 12-in. diameter steel, adjustable depth control, and hydraulic lift for transport. **Goossen/800-835-1042**

For information, circle 057 or see www.oners.ims.ca/2077-057





UTILITY VEHICLE

Redexim Charterhouse has a new utility vehicle, the Carraro TigreCar GST77, designed specifically for use on a wide variety of turf maintenance tasks.

The company also will display its most recent core aerator, the Verti-Core, which Redexim Charterhouse claims can penetrate soil surfaces cleaner than competing coring machines, down to a depth of 5 in.

The TigreCar GST77 is a multi-purpose vehicle featuring a rear flatbed complete with a three-sided hydraulic dumping capability and protective grid between the flatbed and the operator's seat. The four-wheel drive unit is front steering and offers a carrying capacity of 4,000 lbs.

The Verti-Core aerator, meanwhile, features a unique gearto-crank-drive system that guarantees deep, clean penetration, which is perfectly synchronized because there are no belts to slip. A rapid-change feature permits speedy tine changeovers, allowing the Verti-Core to be fitted with a variety of tine types including the popular 3/16-in. needle tines. Redexim Charterhouse/800-597-5664 For information, circle 151 or see www.oners.ims.ca/2077-151

Anahiem Angels 2002 World Champions

Barney Lopas: Head Groundskeeper, Edison Field

6 years with the Angels and 17 years in professional baseball.

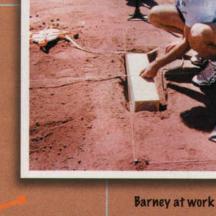


Barney's formula for a Championship Field.



Stabilizer Ballyard Mixes® are engineered for all levels of play. Stabilizer is added to a mixture of sand silt and clay to help water penetration, resulting in a more resilient and workable surface.

tabilizer Ballyard Products



Hilltopper Mound Clay® is used in both the mound and homeplate areas. It is a polymer coated elay

areas. It is a polymer coated clay that is cohesive and binds right out of the bag. It remains pliable for reworking throughout the season.



Stabilizer natural soil binder mixed with conditioners in front of home plate keeps more infield hits playable. This unique binder can improve any soil or crushed stone surface.



Stabilizer Solutions, Inc. 205 South 28th Street Phoenix, Arizona 85034 USA Hilltopper Warning Track[®] is a mix of polymers and crushed stone fines. It is dustless, mudless, holds it's color throughout the game and reduces the use of water.

email: info@stabilizersolutions.com

USA. toll free 800 • 336-2468 In ARIZONA tel 602•225-5900 fax 602•225-5902

visit our website

for baseball & softball

www.ballyardproducts.com

Circle 122 on card or www.oners.ims.ca/2077-122



SCREENER/CLEANER

The Harley screener/cleaner screens athletic fields and allows you to make your own topsoil, says Glenmac, the manufacturer. Used in conjunction with the company's power box rake you can remove objects from 1/2 to 4 inches in diameter and up to 3 inches deep, making a 3-ft. wide swath. Glenmac Inc/800-437-9779 For information, circle 146 or see www.oners.ims.ca/2077-146

BUNKER AND FIELD RAKE

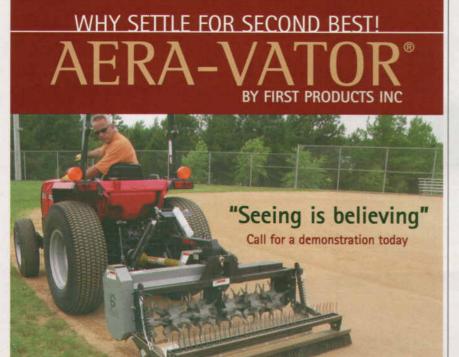
The John Deere 1200A Bunker and Field Rake provides

operators with superior traction, low-maintenance, ease of operation and safety. Its 10-hp, air-cooled Kawasaki engine and muffler and cowling design deliver efficient and quiet operation. Operator comfort features include low steering for easy handling and an adjustable, highback seat for better support. The front blade and cultivator/scarifier have a spring-assisted lift with



ergonomic handle. The 1200A also has standard power lift for rear attachments-simply flip a switch to raise and lower the rake.

John Deere/800-537-8233 For information, circle 149 or see www.oners.ims.ca/2077-149



The First Products AERA-VATOR® uses a "patented" vibrating action to loosen and break up hard and compacted soils in the root zone, without destroying existing turf on the surface. The AERA-VATOR® has a unique swing hitch that allows the operator to turn around objects without tearing the turf. The rear roller can be pinned to control tine depth up to 3 3/4inches deep. The AERA-VATOR® comes in several models ranging from 40" to 80" wide. The unit also comes with optional seed box for over seeding or primary seeding.

WWW.1STPRODUCTS.COM 800-363-8780 SALES@1STPRODUCTS.COM

Circle 123 on card or www.oners.ims.ca/2077-123



BLOWERS

Buffalo Turbine manufactures a variety of debris blowers and sprayers using the "Turbine" technology. The self-contained Model KB II and the 3 Point Hitch, Hurricane PTO "Turbine" blower units will produce up to 10,000cfm at 175 mph. The front mount units produce slightly less than the Model KB II and Hurricane PTO but far exceed any other front mount blower in the industry.

All units are equipped with the 12 volt, 360 degree remote nozzle control kit. Fingertip control provides consistent airflow in all directions and allows you to direct the airflow where it is needed. Buffalo Turbine/716-532-2272

For information, circle 054 or see www.oners.ims.ca/2077-054



ONE-STEP GROOMER

Fieldmaster's infield groomer is a three-point hitch or drag machine that comes in 4- and 6-ft. widths and feature: combination scarifier/dethatcher bar; dual drag leveling bars; roller with built-in scrapper bar; built-in weight tray; and final sweep for textured finish.

The Fieldmaster unit is used by the Girls College World Series in Oklahoma City, the National Baseball Congress in Wichita, the College World Series in Omaha, and was used in the 1996 Olympics in Atlanta. Gary Hines, superintendent of the Lawrence (KS) Parks Dept has a groomer that has taken care of 21 fields for more than 7 years. "What I like best about it is, it works," says Hines.

Fieldmaster/800-728-3581 For information, circle 142 or see www.oners.ims.ca/2077-142

WALK-BEHIND/SULKY MOWER

Wright Manufacturing's new Velke mower can be operated as a walk-behind for tight spaces or paired with Wright's Velke Pro-1 or X-2 sulkies. The unit is engineered to use the company's Grass Gobbler, Grass Gobbler Turbo 10 and Leaf Gobbler catchers, and its mulch baffle kit. Control handles are self-neutralizing; 36- and 48-in. decks are available. Deck height adjusts from 1.75 to 4.5 in., and power is provided by a choice of 15-hp recoil, 17-hp recoil, or 17-hp recoil/electric start Kawasaki engines.

Wright Manufacturing/301-360-9810 For information, circle 145 or see www.oners.ims.ca/2077-145



Pro's Choice SOILMASSEFECT Series

For premium performance and a color that will set your field apart, choose the Soilmaster Select Series from Pro's Choice. Scientifically engineered to meet daily maintenance challenges and give your field a professional look, Soilmaster Select is the TRUE choice of groundskeepers around the league for building and maintaining winning ballfields. Available in four distinct colors, Soilmaster Select's uniform granules manage moisture and alleviate compaction to keep your field in top playing condition. Pro's Choice delivers a full line of sportsfield products for conditioning soil and infield mix, topdressing infields, quickly drying puddles and revitalizing turf.

Call for information and product samples www.proschoice1.com

1.800.648.1166

Circle 124 on card or www.oners.ims.ca/2077-124





NEW MOWER MODEL

Lastec has released its newest cutting machine, the 3377T, which includes four 20-in. mowing decks, a 77-in span A new patent-pending

covering a 77-in. span. A new patent-pending, automatic radiator cleaning system with reversible fans is also making its first-ever appearance in the Lastec line. This feature prevents debris build-up, with the potential to greatly increase radiator life.

Powered by a 33hp air-cooled Kubota turbo engine, the 3377T reaches a top speed of 9 mph. The zero-turn radius mower is ideal for courses with minimal to moderate terrain undulations. Mark Bland, senior engineering manager for Lastec, says the 3377T is also a maintenance-friendly mower. "We're using a much more universal parts configuration on the 3377T, in order to make repairs a lot easier. You'll also find drastically reduced service intervals with this machine." Lastec/317-808-0810

For information, circle 153 or see www.oners.ims.ca/2077-153

MINI GROUNDS PLANE

cls as well as grooms. Three models are available, 4-, 5-, and 6-ft. The units are designed for sports fields and bike/running paths, and are equipped with mechanical positioner, leveling blade, and finishing broom. Options include ripper with positioner, custom-built tillage, electric lift and control, and hydraulic cylinder with hoses. WINDS/309-465-7655 For information, circle 140 or see www.oners.ims.ca/2077-140

ROTARY MOWER FOR INFIELD STRIPING

National Mower has introduced its I-Stripe 22 rotary mower, the first rotary for the 83-year-old company. "In the past decade, field striping has become synonymous with top-quality sports fields," says National Mower president Stan Kinkead. "The I-Stripe 22

provides the ease of a rotary mower and stripes like a reel mower."

The unit is a 22-in. walk-behind with a powered rear roller for creating the classic striped finish, and features a blade friction disc to limit the impact to the engine's drive shaft (Briggs & Stratton Intek OHV 5.5 engine). Incorporated into the handlebar is a safety mechanism that stops the mower blade whenever the bar is released. Cutting height can be adjusted by a single lever to seven settings, from 1/2 to 2 1/2 in. National Mower/888-907-3463 For information, circle 148 or see www.oners.ims.ca/2077-148



TURF GROOMER

The GreensGroomer with sports field scarifier and rake is ideal for use on baseball fields, says the manufacturer. The machine stands up grass before mowing and brushes in topdressing with one pass. Attach the scarifier and rake and the groomer breaks up, levels, and combs clay surface infields and warning tracks. Also can be used on clay and grass surface tennis courts.

Custom weights may be added to rake to achieve desired levels of aggressiveness. GreensGroomer Worldwide 888-298-8852 For information, circle 150 or

see www.oners.ims.ca/2077-150