

## Deere Tricycler mulcher has two different sized blades

MOLINE, Ill. — The new John Deere Tricycler mulching attachment includes a special mulching blade (one for a 30-inch mower deck, two for a 38-inch deck), a deflector ramp that redirects clippings into the blade for recutting, and a variable discharge cover.

The cover provides a baffle plate that can be changed to one of five positions by loosening and tightening two wing nuts.

When mulching grass, the baffle is set in the highest position for the largest opening. The clippings are finely chopped so they deteriorate quickly and actually return nutrients to the soil.

When mulching leaves in dry weather, the baffle is set in the lowest position. A series of holes in the baffle plate make it possible for the mower blade to pulverize dry leaves

into tiny bits that are blown into the lawn.

Only tiny particles can escape through the holes. This saves raking, bagging and curb-side leaf burning because the leaf bits are small enough to disappear into the lawn without adding to a thatch problem.

The other settings allow the operator to fine-tune the mulcher to specific lawn conditions throughout the mowing season.

Contact Deere & Company, John



Deere Tricycler attachment

Deere Road, Moline, Ill. 61265. (309) 765-4459.

CIRCLE # 301

## Locators find buried pipe and cable

PERRY, Okla. — A new line of advanced electronic locators for detecting buried pipe and cable and tracking guided boring tools has been introduced by The Charles Machine Works, Inc., manufacturer of Ditch Witch underground construction equipment.

Subsite Discovery Systems is a complete line of receivers and transmitters. Subsite locators allow users to customize locator settings and locating methods to their own requirements, and change to new settings with the push of a button.

This flexibility allows Subsite locator operators to adapt to changing locating environments and adjust locating methods for maximum accuracy.

Subsite locators incorporate the latest microprocessor and micro-filtering technology to perform advanced locating functions and to process the information into an easy-to-read digital display and audible tone.

Contact Ditch Witch, The Charles Machine Works, Inc., P. O. Box 66, Perry, Okla. 73077-0066. (800) 654-6481.

CIRCLE #305

## Big Foot now in convenient pouch

HOUSTON, Texas — Parkway Research has introduced "Big Foot IPP".

This new product is a concentrated version of its Big Foot Spray Pattern Indicator, packaged in a convenient individual-portion pouch.

This new pouch technology affords the user a pre-measured amount of liquid which will color 50 to 100 gallons of spray solution. This pouch is not moisture sensitive and has unlimited shelf life.

Parkway also lists a new hydraulic oil spill emulsifier, said to be extremely effective in minimizing or eliminating damage done to turfgrasses from spilled or leaked oil-based products. It's known as H. O. S. E.

For more information, phone 1-800-256-3668 or write P. O. Box 5441, Kingwood, Texas 77325.

CIRCLE #306

## Storage systems added to golf car

Weatherguard Structures has introduced a revolutionary storage system that offers low-cost, low-maintenance individual compartments for privately owned golf cars.

The system has all-galvanized steel sheets and framing members, and commercial quality roll-up doors.

The free-standing structures can be erected over any surface, and come in 12 colors. They offer fire-proof construction and complete design flexibility.

The basic module construction consists of six 6-by-10 compartments under one roof. Modules can be strung together to achieve the desired number of storage spaces. Storage can be added as needed.

For more information, contact Weatherguard Golf Car Storage Buildings at 1-800-289-8827.

CIRCLE #307



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## Bobcat offers 2nd generation loader

FARGO, N.D. — The Bobcat model 853 skid-steer loader is the second model of Melroe Company's new 50 Series generation of loaders.

The 853 uses a four-cylinder, 169-cubic-inch (2.77 L) liquid-cooled Isuzu 4JB1PK-03 diesel engine rated at 58 hp (SAE net) and designed for quiet operation (below 90 decibels (d/B-A) at the operator's ear).

Other design features include an electronic monitoring and diagnostic system called the BOSS (Bobcat Operation Sensing System), to protect against catastrophic machine failure.

The BOSS system monitors fluid levels, pressures, temperatures, engine rpm and hours, and displays them in the operator's cab. The machine also features an innovative dual-path cooling system.

Melroe also announces availability of a landscape rake attachment which fits into the Bobcat 3020 trenchers.

The rake also fits Bobcat skid-steer loaders. Connection is made using a three-point hitch which attaches to the trencher's Bobcat mounting system.

Contact Melroe Company, Marketing Communications Department, PO Box 6019, Fargo, N. D. 58108. (701) 241-8700.

CIRCLE #308

## Hunter markets new check valve

SAN MARCOS, Calif. — Hunter Industries announces the availability of the HCV, a new drain check valve that can be used on a wide range of gear-driven pop-up and shrub sprinklers in addition to fixed spray and impact sprinklers.

The HCV is designed to prevent low head drainage and subsequent erosion on slopes.

It fits into position between the sprinkler and the riser, and has an adjustment range from four to 32 feet of elevation change.

All check height adjustments can be made from the discharge side of the HCV, either before or after the sprinkler has been installed.

The valve also can be retrofitted to virtually any sprinkler system where low head drainage is a concern.

Three models are available with a combination of 1/2-inch and 3/4-inch NPT inlets and 1/2-inch and 3/4-inch NPT outlets.

For more information on the HCV, or any Hunter product, contact Hunter Industries, 1940 Diamond St., San Marcos, Calif. 92069 or telephone (619) 744-5240.

CIRCLE #309



Ground Hog IM-5C earth drill

## Centrifugal clutch makes earth drill easy to maintain

SAN BERNADINO, Calif. — The new IM-5C one-man earth drill is equipped with a centrifugal clutch for ease of maintenance.

A remote pull start and choke are located at the handle bars, giving the operator more positive control during the starting procedure.

Contact Ground Hog, Inc., P. O. Box 290, San Bernardino, Calif. 92402. (714) 888-2818 or (800) 922-4680.

CIRCLE #302

## PTC provides new turf equipment

MEADOWVALE VILLAGE, Ont. — Practical Turf Care (P. T. C.) is a new company which plans to provide practical and effective means of aerating greens and tees in the form of Verti-Drain.

This rugged design permits tines to pivot back and forth, creating a lifting effect on the soil.

The unique action of the 105.145 penetrates 12 inches through the soil plan for vertical drainage, with a shattering effect on compacted layers for thorough aeration. This allows air, water and fertilizer to be effectively dispersed throughout the soil.

The result is a healthy turf which resists stress-associated problems, accepts more activity and requires less-frequent watering.

Contact Jason Holmes, 1045 Derry Road West, Meadowvale Village, Ont. L5W 1A1. (416) 795-1277.

CIRCLE #310

## Gundle to offer new trench system

HOUSTON, Texas — Gundle Lining Systems, Inc., has introduced Gundtrench.

The new rotationally molded HDPE trench sections, lids, vessels and dispenser pans make for a complete and fully-sealed below-ground containment system.

This total encasement allows for the entire system to be pressure tested for periodic or continual monitoring, with a gravity-fed low point for liquid collection.

Combined with Gundle's geomembrane liners, the new trench system offers additional flexibility and security from gas station owners to petrochemical facilities.

Contact Gundline Lining Systems, Inc., 19103 Gundle Road, Houston, Tex. 77073, (800) 435-2008.

CIRCLE #311

THE PYTHIUM  
PREVENTIVE FOR  
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DON'T CONSIDER  
ANY PART  
OF THEIR GOLF  
COURSE  
EXPENDABLE.

The trouble with Pythium  
is that, unlike some diseases,  
it simply won't stay put.

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try night, a little rain, and a  
few wandering spores from  
some nearby fairway.

The rest, along with your  
favorite green, is history.

The alternative, of course,  
is to prevent Pythium in the  
first place — everywhere —  
with Subdue®.

Available in liquid or  
granular formulations.



CIRCLE #146



## Hydrostatic foot pedal makes Kubota tractor easy to control

COMPTON, Calif. — Kubota Tractor Corporation has added the T1700HX lawn tractor to its line of consumer lawn care products.

Equipped with a 17-horsepower, overhead valve, air-cooled gasoline engine, the T1700HX tractor features a 3-blade, 44-inch mower for superior cutting performance.

There is also no need to clutch, since the hydrostatic foot pedal allows easy regulation of speeds,

either in forward gear or in reverse gear.

The T1700HX has a horizontal direct-pull V-belt drive that transmits power smoothly from the engine to the mower.

Such configuration reduces mower power loss and belt damage.

For more information on the T1700HX lawn tractor, or any other Kubota consumer lawn care product, contact Kubota Tractor Corporation, 550 West Artesia



Kubota T1700HX

Boulevard, Compton, Calif. 90220. The telephone number is 213-444-7000.

CIRCLE #303

## Vermeer auger minimizes hand labor

PELLA, Iowa — A new compact, highly maneuverable backfiller designed to sweep soil into narrow service ditches is available from Vermeer Manufacturing Co.

The AB-12 auger backfiller minimizes hand labor on trench restoration. It's powered by a 12.5-hp Kohler engine and features electric start plus single-lever hydraulic speed control for easy handling.

The 600-pound unit has an operating width of just 36 inches and is available with flotation tires for lawns and finished surfaces, or dual traction tread tires.

Also available is a broom auger combo to sweep the dirt back into the service ditch.

The 6600 tree spade is another new Vermeer product. This mobile truck-mounted spade can transplant trees up to approximately 6 inches in trunk diameter. It digs a large round tree ball that measures 66 inches in diameter and 54 inches deep, and has a ball weight capacity of 4,500 pounds.

The round, top-heavy shape of the ball enables operators to pick up more critical root structure near the surface of the ground.

The four curved spades are hydraulically powered with chain drive assist, generating more digging force.

For more information on any Vermeer product contact Vermeer Manufacturing Co., P.O. Box 200, Pella, Iowa 50219 or telephone (515) 628-3141.

CIRCLE #304

## Miniature golf course in 3 weeks

MEDINA, Ohio — The boom in miniature golf has prompted development of the modular Formacourse 18-hole course.

Don Nelson, chairman of SGD Company, Inc., has drawn upon 40 years of miniature golf experience. He notes that each module is numbered for easy assembly. The owner completes the initial landscape, then assembles course pieces. Concrete is laid. The putting surface then is placed on top of the concrete.

A working course can be created in 18-20 days.

SGD also has developed the Range Boss golf ball washer with its newly patented pull-out nylon brush. Constructed of no-rust aluminum, it has a 15,000-ball capacity washer.

SGD also has introduced the Range Boss Lite Range Picker for use on golf driving ranges. Constructed of heavy duty tubular steel frames and reinforced picker discs, the picker is tough but light weight.

Contact SGD, P. O. Box 8410, Akron, Ohio. (216) 239-2828.

CIRCLE #312

## Kalo introduces new tank cleaner

OVERLAND PARK, Kan. — Kalo, Inc., has introduced Tank Kleen, said to be a highly-effective cleaner for the inside and outside of all types of equipment.

It aids in the removal of dirt, grime and grease, as well as pesticide and fertilizer residues.

Tank Kleen helps to neutralize acid-based pesticides and reduce rust and corrosion of equipment, and can reduce spray mixture contamination and the plugging of pumps and nozzles.

Contact Kalo, Inc., 4550 West 109th St., Overland Park, Kan. 66211. (800) 255-5196 or (913) 491-9125.

CIRCLE #313

# Signs That The New Cushman® Turf Master Has Arrived.



Anything Else will Sell You Short.

Compare feature after standard feature, and you'll arrive at one conclusion: the Cushman Turf Master is easier to calibrate, easier to operate, and the most accurate.

### Compare the Vehicle.

No competitor provides the absolute ground speed control that's critical for precise spraying. You get

it — and a lot more — only from the Cushman Turf-Truckster™ vehicle.

### Compare the Sprayer.

The latest from SDI features a new generation Hypro polypropylene pump, mechanical and bypass agitation, 15' or 20' booms, three pressure gauges — only a few of the many features the competition doesn't offer.

CIRCLE #147

### Compare the Facts for Yourself.

Call toll free 1-800-228-4444 for a free comparison brochure, or contact your Cushman dealer for a demonstration. You'll see that the Cushman Turf Master is far and away your best buy.

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