

# New Products

## Hay market entrance

Kubota Tractor Corp. has announced it will enter the U.S. hay market in 2014 with an all-new line of hay tools. Produced by Kverneland Group, which Kubota acquired in May 2012, the first phase of the new implements will include five disc mowers, ranging from 5 feet (ft.) 6 inches (in.) to 10 ft. 5 in.; a rotary rake and tedder, with a working width of 13 ft. 9 in. and 17 ft. 1 in., respectively; and pendulum spreaders, with capacities ranging from 7.8 ft. to 47.7 ft.

For more information visit the hay tools and spreaders product pages on [www.kubota.com](http://www.kubota.com).



Vermeer MC3300

## Mower conditioners with new style cutter bar

Vermeer has introduced a new mower conditioner line with three models available — the MC2800, MC3300 and MC3700 — all with a modular, shaft-driven Q3 cutter bar that helps make this line more fuel-efficient with minimal gear-to-gear interface, requiring less horsepower than gear-bed-style cutter bars. Practical innovations, including the Quick-Clip® Blade Retention System and Quick-Change™ Shear Ring, make the tasks of changing blades and repairing a sheared device quick and simple.

In addition to the unique cutter bar features, the new mower conditioners are equipped with a nitrogen-charged accumulator suspension system to provide a consistent weight on the cutter bar throughout the full range of motion. Operators can easily customize suspension settings for their specific field conditions with a simple turn of a lever, resulting in less cutter-bar weight on the ground and less stress on the header and framework when compared to traditional mechanical spring systems.

With the option of either a steel roller or v-tine conditioner on all models, operators can choose the conditioning method preferred for their operation. In addition, multiple swath adjustments give users more control over their windrow formation. The line offers cutting widths of 9.1 ft. on the MC2800, 10.5 ft. on the MC3300, and 12 ft. on the MC3700.

To learn more visit [www.vermeer.com](http://www.vermeer.com).

## Heated insoles

ThermaCell Technologies has introduced heated insoles that are the only cordless, remote-controlled, rechargeable heated insoles with a built-in thermostat, according to ThermaCell.

The remote control allows instant temperature adjustment with the touch of a button while insoles remain in footwear. Integrated rechargeable lithium-ion polymer batteries allow for more than 500 charges lasting up to five hours per charge.

The insoles can be used in all types of footwear and will last for multiple winters of heavy use. They come in five sizes: S,

M, L, XL and XXL. Heated insoles can be adjusted to accommodate any shoe size from a woman's 6 to a man's 13.

The remote control is designed to hang from a belt or keychain, and is small enough to fit in a pocket. The remote can activate the insoles from a

distance as far away as 7 ft. It activates and allows the user to select from two temperature settings, in addition to no heat.

For more information call 617-828-7667 or visit [www.thermacell.com](http://www.thermacell.com).

## New formulation of anti-infective

Zoetis has introduced an easier-to-use version of its Excenel® RTU EZ sterile suspension with a lower-viscosity formulation that improves syringeability by 40%, according to the release. With the improved syringeability, users will only need to apply 60% of the force that was required to administer the previous formulation, according to the company. The change will be especially noticeable during colder weather.

The improved anti-infective offers the same approved uses as it has for the last 20 years. Veterinarians and cattlemen can use the new formulation for treatment of bovine respiratory disease (BRD), pneumonia and shipping fever; treatment of foot rot; and treatment of acute, postpartum metritis (dairy cattle only).

The only changes from the original formula are in the meat withdrawal for cattle and the administration for swine. For cattle, the new formula has a four-day meat withdrawal, the same as Naxcel® sterile powder, and is still one of the shortest in its class, according to the release.

Producers should work with their veterinarian to review protocols and make necessary adjustments in animal health management. Even with these changes, the new formula is still backed

by the Residue Free Guarantee™ in both cattle and swine.

For more information contact your veterinarian or visit [www.zoetis.com](http://www.zoetis.com).

## Combination penicillin for shipping fever

Norbrook Laboratories Ltd. has announced FDA approval on its new Tandem™ Pen injection for treatment of penicillin-susceptible microorganisms associated with bacterial pneumonia (shipping-fever complex), upper respiratory infections and blackleg.

The new product is a highly syringeable, easy-to-re-suspend combination of sterile penicillin G benzathine and penicillin G procaine that provides beef producers with a BQA-friendly subcutaneous (sub-Q) route of injection, according to the release.

Beef producers can now choose the combination penicillin-based product to help treat and offset production costs associated with bacterial pneumonia associated with *Streptococcus spp.*, *Actinomyces pyogenes* and *Staphylococcus aureus* and upper respiratory infections associated with *Actinomyces pyogenes*. The product is also approved for effective treatment against blackleg caused by the gram-positive bacterium *Clostridium chauvoei*.

The new product should be used in beef cattle only, administered only via sub-Q and cannot be used in calves to be processed for veal. Animals should be kept under close supervision for at least one-half hour following injection to intervene in the event allergic or anaphylactic reactions occur.

For more information contact the company at 866-591-5777 or visit [www.norbrookinc.com](http://www.norbrookinc.com).



Mahindra eMax

## Eight new tractors

Mahindra USA has introduced eight new Tier IV-compliant tractors. The new tractors will be available in January 2014, though the Max 24 will be available in December 2013.

The eMax, a new line of heavy-duty subcompact tractors, will be available at 22 hp and 25 hp. The Max 24 will join the Max tractor series. The larger utility-tractor lineup will now include the

mPower 75. The company will also add two 50 hp tractors, the 3550 and 4550; a 55 hp tractor, 5555 in 2WD and 4WD; and a 65 hp tractor, 4565.

Each of the new tractors is Tier IV-compliant, while the mPower 75, 3550, 4550, 5555 and 4565 tractors all feature the diesel oxidation catalyst (DOC), unique to the company's mCRD engine. The mCRD engine is a lower-cost, low-maintenance solution to meet the Tier IV emission standards. The DOC eliminates the diesel particulate filter resulting in no backpressure monitor or filter cleaning for greater protection.

All new models are covered by Mahindra's industry-leading five-year powertrain warranty and built to the unyielding specifications of the brand, including steel construction, larger tires and the heaviest weight-by-class to ensure optimum performance in its category.

The new subcompact tractor series, eMax 22 and 25, features bigger tires for greater stability; a heavier built-in weight at 1,540 lb. for greater load capacity; a twin pedal (side-by-side), HST transmission; 75-inch-high and 900-pound loader capability; 22 hp has six forward and two reverse gears; and a drive-over mower with fabricated deck, mid-mount and fast blade tip for a high-quality cut.

For more information visit [www.mahindrausa.com](http://www.mahindrausa.com).

## Open-platform data sharing

John Deere is collaborating with other businesses to deliver new applications and services that help customers more quickly turn data into management decisions. Companies will provide software and applications to interface with MyJohnDeere, JDLINK™ and Wireless

Data Transfer — three important elements of Deere's overall technology strategy for the agricultural industry.

In 2012, John Deere introduced MyJohnDeere, a comprehensive information platform to help agricultural producers consolidate the

management of equipment information, production data and farm operations. This centralized, online platform allows producers to access, view, archive, manage and share a wide variety of business information.

The Deere strategy of nonexclusive collaboration with other companies will enable data to be available in a convenient, easy-to-use platform, as determined by the customer,

while maintaining John Deere's core principles surrounding data management. A special website, [www.johndeere.com/Trust](http://www.johndeere.com/Trust), has been created to explain Deere's position on data management and security.

For more information visit <http://MyJohnDeere.com> or contact your local dealer.

### Driveway security alarms

Cartell has introduced five driveway alarms that can detect and alert homeowners that a vehicle has entered the driveway. The DriveGuard Basic™ and DriveGuard Ultra™ are basic stand-alone systems that will trigger sounders and/or cameras when vehicles enter the driveway.

The DriveGuard Integrator™ and DriveGuard S.D.™ can be integrated into existing security, home automation or lighting systems. When connected to two zone inputs on a security or home automation panel, the DriveGuard Integrator™ will trigger any and all features supported by those systems when vehicles are detected.

The sensors are buried beside and near the end of the driveway, hidden and vandal-proof. The units only detect moving steel, eliminating false alarms caused by animals or blowing objects. Control units for the basic systems are installed in a basement or closet and the sounders fit in a light switch box. Control units for the integrated systems are installed beside the security or home automation panel.

These systems are recommended for driveways longer than 75 ft.

The DriveGuard S.D.™ system is recommended for driveways shorter than 75 ft. It is an optional dual-probe sensing device used in the place of the single-probe sensing device normally used with the DriveGuard Basic, Integrator and Ultra systems.

The S.D. dual-probe sensor is also buried beside and near the end of the driveway, hidden and vandal-proof. It is distinctive from the other sensor probes because it can be as close as 10 ft. to 15 ft. to outside cross traffic at the end of the driveway, making it suitable for short driveways.

Because of its sensitivity, the normal sensing device (called CT-6 sensor probe) must be placed at least 35 ft. back from residential traffic (going 35 mph or less) and 50 ft. back from highway traffic (above 35 mph).

The S.D. sensing device is composed of two probes connected by direct burial cable, buried 2.5 ft. apart. A vehicle is not detected until it enters the driveway.

The units are American-made and have a five-year warranty. Visit [www.cartell.com](http://www.cartell.com) for more information.

### Explosion-proof power supply

Larson Electronics has released the EPL-RPS-70A explosion-proof power supply, which gives operators in hazardous locations the ability to run low-voltage 12- or 24-VDC lamps without the need for an external power source.

This portable power supply offers a host of features, including four 20-amp explosion-proof receptacles, a 70-amp-hour AGM battery for long operating times, and a wheeled cart for easy maneuvering around the workspace.

This rechargeable power supply can



be charged from standard 120-volt outlets or explosion-proof outlets, and when paired with the company's EHL-LED explosion-proof LED hand lamp, can run four lamps for up to 21 hours on a single charge. The four receptacles on this unit are explosion-proof twist-lock designs rated at 20 amps and accept Larson Electronics' own EPP-15A or EPP-20 plugs or Crouse

Hind™ ENP general-purpose plugs.

The battery is a 70-amp-hour unit, and included charger/maintainer systems allow easy recharging from standard 120-VAC power sources. Also included is 25 ft. of SOOW cord ending in a 1523 explosion-proof plug to allow easy connection for recharging.

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The cart is constructed of non-sparking aluminum for light weight and safety, and features an easy-push handle and solid wheels for maneuvering the unit from one area to another. Side brackets on each side of the cart provide a convenient place for hanging and storing hand lamps and their cords.

For more information call 1-800-369-6671 or visit [www.larsonelectronics.com](http://www.larsonelectronics.com).

**Handheld grain moisture tester**

John Deere has introduced the GT-30300 Grain Moisture Tester. This handheld device provides direct readout of moisture and test weight for 20 different grains in seconds, without preweighing the samples, at the touch of a button.

The company says the tester measures the moisture of harvested or stored grain from 5% to 45% with repeatable accuracy to plus or minus 0.2%, and test weights with repeatable accuracy of 0.5 lb. per bushel (bu.), without having to preweigh the samples.



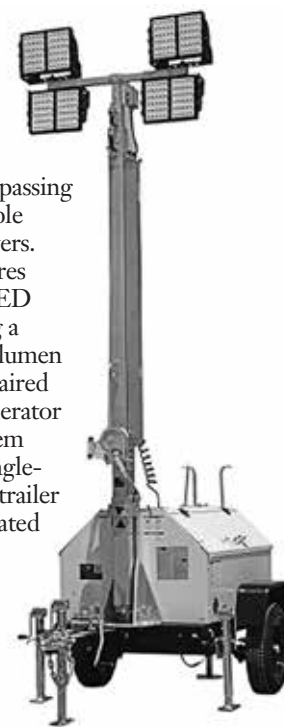
The tester also measures the temperature of stored grains from 40° F to 120° F with repeatable accuracy to within 1.0°. Other features include a backlit LCD display for easy viewing of data, automatic temperature compensation and USB port and cord to make software updates and downloading data easy and convenient. Each unit comes with an attached swiper for grain leveling and heavy-duty carrying case.

The grain tester will hold more than 40 different grain calibrations, and will automatically average the operator's choice of three, six or nine sample readings. The tester is designed to provide accurate grain moisture, test weight and temperature readings quickly and easily, without having to enter additional data or codes, according to the release.

For more information visit your local John Deere dealer or visit [www.johndeere.com](http://www.johndeere.com).

**Mobile LED light tower with diesel generator**

Larson Electronics has introduced the 4X300W mobile light tower, a high-power mobile lighting system designed to provide efficiency and performance surpassing that of comparable metal halide towers. The tower features four 300-watt LED lamps producing a total of 118,320 lumen of light output paired with a diesel generator and control system mounted to a single-axle trailer. The trailer has a 2,000-lb.-rated single axle, dual safety chains, and a standard 2-inch (in.) ball-style coupling hitch for simple hookup and towing.



Power for this mobile light tower is provided by a water-cooled Kubota diesel engine turning a 6,000-watt, 120/240 VAC generator with four-wire hookup and external ground. Some key features of the power-generating system include key-operated electric start, low-oil-pressure and high-temperature automatic shutoffs, and a 30-gallon (gal.) fuel tank for long run times. The tower assembly consists of an extendable mast built from galvanized steel, which can be raised to a maximum of 30 feet (ft.) using two included hand winches with built-in self-braking safeties.

For more information call 1-800-369-6671 or visit [www.larsonelectronics.com](http://www.larsonelectronics.com).