



# New Products

► Introducing products, services for cattlemen; compiled by *Linda Robbins*, assistant editor

## Combination respiratory vaccine

Zoetis Inc., formerly the animal health business of Pfizer Inc., has announced the licensure of Bovi-Shield Gold One Shot™, a vaccine that protects cattle against major respiratory viruses and *Mannheimia (Pasteurella) haemolytica* in one dose.

The new vaccine offers 279 days of protection against infectious bovine rhinotracheitis (IBR) virus and bovine viral diarrhoea (BVD) Types 1 and 2 viruses, the longest demonstrated protection of the combination respiratory vaccines on the market, according to the release.

The vaccine is available in 5-, 10- or 50-dose vials and can be purchased through veterinarians or animal-health retailers.

## Umbilical cord protective solution

Innovacyn Inc. has announced the launch of Vetericycyn Super 7+ Navel Dip, an umbilical cord dry-out and protective solution for newborn animals. The iodine-free formula of alkaline electrolyzed water speeds the drying process and protects the umbilical cord.

The company funded a clinical study comparing the product with 7% tincture of iodine and found that the new product increased the percentage of calves having a dry umbilical cord by 30%. There were no infections, no signs of dermal irritation and, says the company, the new product is more cost-effective than tincture of iodine.

The product has negligible cytotoxicity, is nonflammable and noncorrosive, according to the release. The solution can also be used directly on calves whose umbilical cords were torn off at birth, creating an effective barrier. In addition, the safety profile of the product ensures that employees and the environment will not be exposed to any dangerous chemicals. The product does not require hazardous-material paperwork or hazard shipping fees.

Super 7+ has an expected 24-month shelf life. The product can be used on cattle, swine, sheep, horses, goats and dogs. It comes in two sizes — a gallon jug and a pint trigger bottle — and can be applied to large animals using a dip cup/squeeze bottle. The liquid includes a brown dye to help identify treated animals.

All products are made in the USA, and dairies, herd managers and storeowners can order the product through their Innovacyn/Vetericycyn dealer, or by calling customer service at 1-866-318-3116 or visiting [www.vetericycyn.com](http://www.vetericycyn.com).



## Easy cattle handling

Arrow FarmQuip has introduced its Bud-Flow, a combination of a Bud box and a force tub. It can be used like a beef buddy or as a conventional force tub. The unit uses cattle psychology that allows cattle to naturally turn to where they came from. When turning back, cattle see the open access to the alley and move easily into the alley, saving time and preventing stress for animal and handler.

For more information call 1-866-383-7827 or visit [www.arrowfarmquip.net](http://www.arrowfarmquip.net).

## Chelated trace minerals for organic farmers

Novus has announced that the Organic Materials Review Institute (OMRI) has determined that its chelated trace mineral products Mintrex® Zn, Mintrex® Cu and Mintrex® Mn have met the compliance requirements outlined in the OMRI Policy Manual and that these products are now listed for use in organic production. All three formulations will be added to the OMRI products list under the general materials listing: National Organic Program (NOP): Minerals — Feed, Class: Livestock and Feed Ingredients.

Novus submitted the application for Mintrex to the OMRI in February and received OMRI listed status in late September. This status applies to use of Mintrex in the U.S. market.

To learn more about the company's mineral solutions, visit the website at [www.novusint.com](http://www.novusint.com).

## Newest phone protection

Otterbox has announced the immediate availability of the Defender Series®, Commuter Series®, Reflex Series® and Prefix Series® cases and Clearly Protected™ device guards for iPhone 5s.

Additional protective options will be available soon, the company says, including Defender Series and Commuter Series for iPhone 5c. Phone owners will be able to customize their protection with more than 215 "Build Your Own" Defender Series and Commuter Series case color combinations.

The Defender Series combines a built-in screen protector, polycarbonate frame and shock-absorbing synthetic rubber to provide protection from scratches, dust and drops. The new styling of the Defender Series was designed specifically to accommodate the new Touch ID fingerprint identity sensor technology, and all device functionality remains uninhibited by the case.

Commuter Series cases provide stylish security in the form of a self-adhering screen protector, robust synthetic rubber mid-layer and sturdy polycarbonate shell. The pocket-friendly design comes in a variety of new colors.

The Reflex Series features a two-piece, sliding design that favors quick assembly and easy removal for docking with third-party accessories. Reflex Zones™ in the case corners absorb shock and dissipate it away from the device. A self-adhering screen protector guards the glass from scratches and dirt.

The Prefix Series consists of a dual-density, unibody exterior to maximize shock absorption and provide effortless protection. Synthetic rubber pads cushion the device and a self-adhering screen protector guards against scratches to the display.

Clearly Protected device guards available now for the iPhone 5s offer a complete lineup of screen protection.

- Vibrant — Glossy, high-strength, self-healing polyurethane material that preserves display vibrancy and sharpness;
- Clean — Matte, high-strength, self-healing polyurethane material that will reduce glare, fingerprints and smudges; and
- Privacy — Matte, premium quadlaminar polyester that conceals text and images from all four side views.

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

**optronics****GloLight****Stand Out**

### New genre lighting for light- and medium-duty trailers

Optronics Int'l has announced that it will be shipping its patent-pending 14 new GloLight-equipped LED lamps for light- and medium-duty trailer applications. The unique LED lamps establish a new lighting category in the light- and medium-duty trailer marketplace. Until now, there were just two lamp categories to choose from: incandescent and LED.

Trailer owners often like to personalize their vehicles, and the new optical diffusion technology has created a genre of lamps that stand out from anything else on the road. The FMVSS 108-compliant lamps combine light-diffusing material that gives them a distinctive, smooth, brightly glowing appearance on one portion of the lens, contrasting with dual function LEDs with traditional bright spots of illumination on another.

Push-button-activated packages are available for the TLL112RK flush-mount, 6-inch (in.) oval LED lamps and the TLL190RK waterproof, universal LED combination tall lamps. The lighting sets include two lamps and applicable mounting hardware.

The 14 new trailer lamps are a sample of the 35 new products the company has slated for introduction within the next six months. The new 12-volt lamps come with a lifetime warranty, and lenses and housings are made of durable polycarbonate material that is sonically welded and completely weatherproof.

For more information visit [www.optronicsinc.com/links-new.html](http://www.optronicsinc.com/links-new.html).

### Solar-powered automatic gate openers

Preferred Technologies Group has announced that its Cartell gate openers and vehicle detection systems are now compatible with any solar automatic gate opener. The GateMate (CP3) has the lowest current draw in standby than any other free-exit system on the market, according to the release.

It requires just 90-150 Microamps in standby, which the company says is an 85%-90% lower current draw than its closest competition. The opener is a one-piece system containing all its electronics in the sensor probe that gets buried beside the driveway. It has universal voltage (VAC and VDC) and connects directly to any gate operator. When hidden beside the driveway, it will detect a vehicle and open the automatic gate for a hands-free egress. Customers appreciate not having to use a remote, keypad or key fob to exit their property; they also like the fact that visitors can let themselves out.

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

### Booklet chronicling 50-year history of state beef councils

The partnership between state beef councils and national beef checkoff efforts during the past 50 years are chronicled in a new booklet available through the Federation of State Beef Councils and online. The booklet explores beef industry volunteers that made beef checkoffs possible, provides a timeline for actions that moved checkoffs forward, and establishes the foundation for grassroots-

oriented initiatives that made the Beef Checkoff Program what it is today.

The 16-page booklet includes information on the Beef Industry Council (BIC) and the National Live Stock and Meat Board, which was BIC's initial home. The BIC was created at the Meat Board in 1963, representing the first Federation of State Beef Councils. The Meat Board was started in 1922 through a voluntary checkoff on cattle, hogs and sheep to increase consumer demand for, and acceptance of, meat.

Containing text and historical photos, the booklet is divided into three sections: 1922 to 1970, 1970 to 1988, and 1988 to 2013. A timeline in the back takes a look at programs that were made stronger through the state-national partnership.

A digital copy of the book is available at [www.beefusa.org](http://www.beefusa.org) under the Federation tab. To receive a hard copy of the booklet, contact Walt Barnhart at [wbarnhart@beef.org](mailto:wbarnhart@beef.org) or at 303-850-3347.

### Tractors with factory-integrated cabs

Kubota Tractor Corp. has introduced the B50 Series, a new line of factory-integrated-cab tractors. The new series includes the B2650 ROPS and B3350 HSDC cab models, boasting 19.5 and 27 PTO horsepower, respectively. The series offers luxury and comfort with a spacious, virtually dust-tight cab, user-friendly control layout and clean-emission Tier 4-compliant diesel engines.

The four-pillar cab design with rounded glass offers added space and panoramic views of the surrounding areas, helping to keep the operator warm in the winter, cool in the summer and dry in wet conditions. Doors open wide for easier entry and exit. The new cab also features storage compartments, cup holder and toolbox that are all within easy



► Kubota B3350 HSDC

reach to provide added convenience, along with the 12-volt outlet for charging wireless peripherals.

Travel speeds of around 14 mph, with turf tires, provide efficient travel between jobs. The B3350's 33 gross hp engine handles implements with ease. A variety of implements are available for the series, including a backhoe, front loader, snowblades, snowblowers and pallet forks.

For more information call 1-888-458-2682, ext. 900, or visit [www.kubota.com](http://www.kubota.com).

### Field analyses for high efficiency farming

Geosys Inc. has announced the launch of the Field Profit Planner, a cloud-based service that gives growers quick analyses of their individual fields while also providing insight into the productivity across the entire farm. Each grower's individual field costs and yields can be used to calculate returns on each field or variable rate technology (VRT) field zone.

The tools help growers regardless of their previous experience with precision agriculture. Growers just getting started in high-efficiency farming can benefit right from the start. By refining their management approach using the equipment they already have, growers make more informed decisions resulting in more production per unit of input.

Most growers think about starting the planning process when

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loading this season's yield maps. The new Harvest Map Processor will accept native files from combines, regardless of format, and process that data into the company's platform. This standardization process reduces the frustration long associated with loading these files.

For more information contact Jeff Whetstone at 314-440-4248 or [jeffreywhetstone@gmail.com](mailto:jeffreywhetstone@gmail.com).



► John Deere 4 Series sprayer

### Self-propelled sprayers

John Deere has introduced the R4030 and R4038 self-propelled sprayers. The redesigned 4 Series sprayers offer greater productivity, more uptime, and reduced cost of operation while delivering faster, easier and more precise product application.

The 800-gallon (gal.) R4030 replaces the 4730 model. It features a 280 hp 6.8L PowerTech™ Plus PSS Final Tier 4 engine with a four-wheel hydrostatic drive that can operate up to 20 mph in the field and 30 mph in transport.

Both sprayers have redesigned flat-fold booms in widths up to 120 feet (ft.), improved weight distribution, the CommandView™ II cab with the fully integrated GreenStar™ 3 2630 display, and the latest in tire technologies.

Cruise control, new on these models, allows the system to automatically control the vehicle to the operator's target speed when the operator sets the engine speed and hydro handle at maximum positions. The new sprayers can be converted to dry nutrient applicators by installing the 200 cu. ft. New Leader dry spinner spreader, which increases machine versatility.

The sprayers also come with direct injection ready, an option that provides the flexibility to change products between crops and manage chemical risk by allowing the operator to carry up to 135 gal. of up to two raw chemicals outside of the primary solution tank. Integrated technologies available include AutoTrac™, BoomTrac Pro™, John Deere section control, JDLink (enabling remote display access and Service Advisor™ remote), John Deere mobile weather and AgLogic™.

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

### High-speed, long-distance outdoor Wi-Fi

Ayrstone Productivity announces the release of its latest outdoor Wi-Fi technology product called the Ayrstone AyrMesh™ Hub2n. The product is easy to set up and it puts high-speed, long-distance outdoor Wi-Fi in the hands of people who really need it.

The latest Ayrstone technology introduces the concept of the "transparent mesh," where all Wi-Fi-enabled devices on your AyrMesh network appear as if they are connected directly to your router.

Wi-Fi devices may include remote cameras; switches; gauges; weather stations; and signals from tractors, combines and sprayers. The product has



upgrades that were frequently requested by customers, including 802.11n connectivity, expanded network security and outdoor range extension up to 7.5 miles, according to the release.

The Ayrstone AyrMesh Hub2n is available online at [www.ayrstone.com](http://www.ayrstone.com). For more information visit the website, email [info@ayrstone.com](mailto:info@ayrstone.com) or call 1-888-837-0637.

### Wireless data transfer

John Deere has introduced Wireless Data Transfer that enables the wireless transmission of data between the GreenStar™ 3 2630 display, [myjohndeere.com](http://myjohndeere.com), and the producer's farm-management information system. This system eliminates the need for manual transfer of data and will be available as a subscription upgrade to JDLink™ Ultimate with Remote Display Access.

Wireless data transfer allows data to flow wirelessly to the customer's personalized portal on [myjohndeere.com](http://myjohndeere.com). Customers are then able to access this data from their smartphones, tablets, computers or any Internet-enabled device. They can share that data with trusted advisors and easily transfer value-added information to 2630 displays they are using in the field.

Data management and security measures are outlined by the company in a principles document available at [www.johndeere.com/trust](http://www.johndeere.com/trust). Retail availability of the new technology is expected in the spring of 2014.



► John Deere W235 self-propelled windrower

### Higher hp windrower

John Deere has added the W235 self-propelled windrower to its hay and forage product lineup for 2014. The self-propelled windrower features more hp to handle tough field conditions, a larger cab for operator comfort, and integrated AutoTrac™ and CommandCenter™ display.

The windrowers will be offered in two configurations, a rotary and a draper. The rotary will be compatible with 994 and 995 heads and the draper will be compatible with the 600D head.

The W235 features a 6.8L Final Tier 4 engine, rated at 235 hp, an increase of 17.5% over the previous model. It features easier fueling and a more effective cooling system. Ground-level filling and a larger 160-gallon (gal.) fuel tank provide more than a full day of operating time between fill-ups.

The clean air intake is located high on the machine, and an eight-blade cooling fan with a 19% larger fan screen reduces debris intake and improves machine efficiency in dusty conditions.

The new machines also include the JDLink™ telematics system. Managers, owners and operators can monitor and track machines from remote locations, are notified when preventative maintenance is required and can download the machines' performance data at the end of every day.

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



► John Deere 2510L liquid-fertilizer applicator

### Liquid fertilizer applicator

John Deere is adding the 2510L liquid-fertilizer applicator to its nutrient-application product line. The 2510L is offered in two models, vertical or side-fold, and three base widths of 30-, 40- and 60-ft., each with 18 different spacing and row combinations. A high-capacity, hydraulically driven pump delivers the fertilizer to plants through knives or injectors.

The applicator comes with a GreenStar™ Rate Controller enabling full integration with the GreenStar display for field documentation, map-based prescriptions and precision application. These features, together with the company's Section Control, ensure minimal overlap while supplying fertilizer, which improves efficiency and addresses environmental concerns.

For more information see a local dealer or visit [www.johndeere.com](http://www.johndeere.com).

### Expanded smoothwall bins

Westeel, a division of Vicwest Inc., Winnipeg, Man., has expanded its line of Smoothwall bins by entering into an agreement with Norstar Industries in Morris, Man., to build the new bins — the Magnum GN™ model for grain, seed and feed storage and the Magnum FN™ for fertilizer, grain, seed and feed storage.

The Magnum GN has a storage capacity of 3,236 to 5,720 bushels (bu.). The Magnum FN storage capacity ranges from 118 tons to 209 tons. Both types of bins feature a 10-year structural guarantee, as well as a 30-month coating warranty.

The new bins are available now in select Manitoba locations and in North Dakota, South Dakota and Minnesota.

For more information contact André Granger, president and general manager, at 204-233-7133.



► Magnum FN, Westeel's new smoothwall bin for fertilizer storage.

### Straddle dual radials and largest tractor tire

Michelin North America Agricultural Tires has introduced the MegaXBib™ 580/85R42 168A8/168B larger-volume straddle dual radials for combines to straddle 30-in. rows without changing rims.

The new tires are designed for situations where flotation and reduced compaction are critical. A huge footprint with a special casing design allows the tire to carry extremely heavy loads at relatively

low pressures. A flat, stable tread helps to maximize flotation while minimizing soil compaction.

The tire can bear the weight of increasingly large combines with 400- and 450-bu. bins, 16-row headers and front-axle weights of 50,000 lb., and it still helps reduce soil compaction over traditional radials. The tire will be available later this year.

The company has also introduced the Michelin AxioBib IF850/75R42 prototype, the largest tractor tire in its lineup. The RCI 50 (rolling circumference index) tire will integrate the company's Ultraflex Technologies, which make it possible to carry heavier loads at lower pressures.

With a height of 7.61 ft. and a load capacity of 21,000 lb., the prototype version is designed for high horsepower (HHP) tractors that deliver 350 hp and more. Eighty percent of the total HHP tractors are sold in the U.S. market. The benefits of this prototype include up to 20% more load capacity, up to 20% more traction from a longer footprint, less soil compaction with a low pressure level, and a D speed rating of up to 40 mph while using a standard rim.

For more information visit [www.michelinmedia.com](http://www.michelinmedia.com) or contact Mary Ann Kotlarich at 1-864-458-4884 or [mary-ann.kotlarich@us.michelin.com](mailto:mary-ann.kotlarich@us.michelin.com).



► The Michelin AxioBib IF850/75R42 prototype, the largest tire in the company's lineup.

### Tractor makeover

John Deere has announced its first makeover of the 7R Series Tractors with five new models from 210 to 290 engine hp for 2014. Powered by either a 6.8L or 9.0L PowerTech™ PSS engine with the company's selective catalytic reduction system; the new tractors boast 10 or 20 more hp and more torque than previous models. Fuel capacities range from 125 to 143 gal., depending on model and transmission options, with DEF storage capacity of 6.8 gal.

Transmission options include CommandQuad Eco, available on the 7210R and 7230R models, and the new e23 Power Shift transmission with efficiency manager, standard on all five 7R models. The e23 PST has 23 equally spaced forward gears and 11 reverse gears that enable the efficiency advantages of an infinitely variable-speed transmission with the smoothness and simplicity of a powershift.

All 7R series tractors have the CommandView™ III cab that is quieter due to a laminated front windshield that dampens outside noise. The cab features an operator's seat that swivels 40° right for easier viewing of rear implements. Other options include an in-cab refrigerator and an LED lighting package that provides 40% greater illumination compared to HID lights.

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



► John Deere 7R Series tractor