



New Products

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

Reduce foodborne pathogens in food animals preharvest

Diamond V has announced the patent-pending use of Diamond V Original XPC™ as a method for foodborne pathogen reduction in livestock.

The company, based in Cedar Rapids, Iowa, recommends feeding all-natural Original XPC as directed during food animal production to help reduce the prevalence and number of salmonella and campylobacter in the animal, production environment and food-processing plant, as described in the pending patent and supported by numerous scientific studies. Reducing these pathogens preharvest can improve food safety.

More than 125 peer-reviewed scientific journal articles describe how the preharvest technologies of the company's products support immunity, health, and the performance of poultry, pigs, dairy and beef cattle, aquaculture species, and other food animals. Consumers today are concerned about how their food is produced and accept the use of effective, all-natural products. The company's unique, all-natural, fermentation-based products offer safe, cost-effective, preharvest solutions for food animal production.

Most efforts to reduce pathogen numbers in food animals and products, including chemicals applied during processing, are not completely effective. Research shows that the preharvest pathogen contamination of animals correlates directly with the postharvest presence of pathogens in food products. Research also indicates that, while there is no "silver bullet" to completely eliminate foodborne pathogens, a multistep intervention plan — including preharvest mitigation at the farm level — is most effective.

For more information contact Mike Wright, director, global marketing and research, at 1-800-373-7234 or mwright@diamondv.com.

Forage-specific fertilizer

Monty's Plant Food Co. has announced the release of Hay-Now™, a foliar applied liquid fertilizer containing nitrogen, phosphorus and potassium with sulfur, iron and zinc — designed specifically for hay crops and pastures. Formulated to

deliver readily available nutrients during the vegetative growth stage, it enhances growth and root development. Additionally, it supports hay crops and pastures during periods of stress, helping to maximize production.

When applied as labeled, the fertilizer does not require removal of animals from the field and can be tank-mixed with herbicides and pesticides.

Application is easy. Apply the fertilizer after every cutting with 3-4 inches (in.) of regrowth. If grazing, apply every 30 to 45 days. This liquid fertilizer can be foliar applied anytime from early spring green-up through fall with a suggested rate of 1 to 2 quarts diluted in 10-20 gallons of water per acre.

For more information call 1-800-978-6342 or visit www.montysplantfood.com.

Inline bale wrapper

Vermeer Corp. has added a new inline bale wrapper to its hay and forage equipment lineup. The Vermeer BW5500 bale wrapper is designed to give large-volume hay operations and custom operators faster wrapping times and more operational control.

The BW5500 is equipped with a digital controller that allows the operator to set the desired amount of wraps on bales by adjusting hydraulic flow automatically to provide the right amount of wrap at all times. The easy-to-read LCD screen allows the operator to track data and determine the total number of bales wrapped.



Vermeer BW5500 bale wrapper

The BW5500 has three 30-in. pre-stretchers, compared to two pre-stretchers on competing models, allowing for faster wrapping and less frequent load cycles. A soft start feature progressively starts the movement of the hoop, which reduces machine wear and limits the potential for plastic film tearing on startup. There is

also an optional remote control to let the operator start, stop or steer the bale wrapper remotely.

For more information visit www.vermeer.com.

Retrofit planters

John Deere is making it easier for customers with late-model John Deere planters to increase planting speed while improving accuracy and performance with the ExactEmerge Retrofit Kit. This conversion kit provides corn and soybean producers with the latest performance-enhancing ExactEmerge technology that allows them to significantly increase productivity and crop yields through more timely and accurate seed placement.



John Deere ExactEmerge Retrofit Kit

The ExactEmerge Retrofit Kits are available for model year 2011 and newer 1770NT CCS and 1790 planters, as well as model year 2012 and newer DB Series planters. The conversion components include meter and hopper assemblies, cartridge assemblies, 56-volt electric drives and row unit controller assemblies, scrapers, cartridge guards and mounting hardware. Other components include planter controller with SeedStar™ 3 hp, backbone harness and tractor power generation harnessing, vacuum automation, and curve compensation capability.

Kits require the use of tractor power generation and GreenStar™ 3 2630 Display for full operation. Depending on model of planter and tractor, additional components may be needed to complete the retrofit.

For more information visit www.johndeere.com/ag.

Mower conditioner for large operations

Vermeer Corp. continues to expand its

NEW PRODUCTS



Vermeer MC4500 mower conditioner

mower conditioner line with the addition of the MC4500 mower conditioner. Efficiency features like a drawbar swivel hitch allow hooking up the implement to become a hassle-free, one-man job. Similarly, the Quick-Clip® Blade Retention System makes replacing and reversing blades quick and convenient.

Q3® Cutter Bar technology helps maximize productivity by making the mower more fuel-efficient with minimal gear-to-gear interface, requiring less horsepower than gear-bed-style cutter bars. The Quick-Change™ Shear Ring sits within the disc hub and shears when a potentially damaging object encounters the disc to protect the internal gears and drive spline.

In addition to the unique cutter-bar features, Vermeer 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, resulting in less cutter-bar weight on the ground and less stress on the header and framework compared to traditional mechanical spring systems.

With the option of either a steel roller or v-tine conditioner on all models of mower conditioners, the operator can choose the conditioning method preferred for their operation. In addition, multiple swath adjustments give users more control over their windrow formation. The Vermeer MC-series mower conditioners offers cutting widths of 9.1 feet (ft.) on the MC2800, 10.5 ft. on the MC3300, 12 ft. on the MC3700 and now 15 ft. on the MC4500.

For more information visit www.vermeer.com.

Side-by-side ATVs

Yamaha Motor Corp. USA, has introduced the new 2016 Viking and Viking VI Side-by-Side (SxS) vehicles, right on time for fall harvest and hunting seasons. For 2016, along with a new premium Ranch Edition Viking VI, all Viking and Viking VI models have received multiple updates, including

a smoother, quieter cabin; additional rider conveniences; and a reinforced chassis. Every Yamaha Viking and Viking VI is assembled in the United States at Yamaha's factory in Newnan, Ga., for worldwide distribution.

The new 2016 Viking VI EPS Ranch Edition features high-quality Copper Metallic painted bodywork with a color-matched brown interior and soft sun top, silver cast aluminum wheels, rearview center mirror, mud flaps, overfenders, under-seat storage, a rear bed grab bar, a heavy-duty front brush



Viking EPS side-by-side



Viking VI EPS Ranch Edition side-by-side

guard and unique Ranch Edition badging.

The 2016 Viking model year updates include new automotive-style two-stage door latches and a parking brake warning buzzer. Noise and vibration reduction features include new rubber damper plates, a more rigid chassis, additional sound-dampening materials and an all-new cylinder head torque rod for a more relaxing ride at any engine RPM. The newly reinforced rear steel cargo bed now incorporates mounting points on the bed rails and a rubber cargo bed mat intended to further reduce sound and vibration. Large enough for a fully loaded pallet, the assisted dump bed can pack up to 600 pounds (lb.) of equipment and supplies. The standard 2-in. receiver hitch is rated to pull 1,500 lb.

The Yamaha Viking and Viking VI are multi-passenger, off-road SxS vehicles featuring a unique cab configuration allowing for pass-through bucket seating and maximum headroom without sacrificing nearly 12 in. of ground clearance. All combined, this makes room for up to three

full-sized adults in the Viking and up to six in the Viking VI, according to the release. The Vikings utilize Yamaha's 700cc-class engine; three-way On-Command® system with 2-wheel drive, 4-wheel drive and 4-wheel drive differential lock engaged via an automotive-style rotating dial; and the Ultramatic® transmission with high, low and reverse.

Color options for the 2016 Viking EPS and Viking VI EPS are Hunter Green, Red and Realtree® Xtra™ camo. Additional options include the all-new Viking VI EPS Ranch Edition and a Special Edition (SE) Carbon Metallic for both the Viking EPS and Viking VI EPS, as well as Steel Blue in the Viking EPS. Viking models now come standard with a sun top.

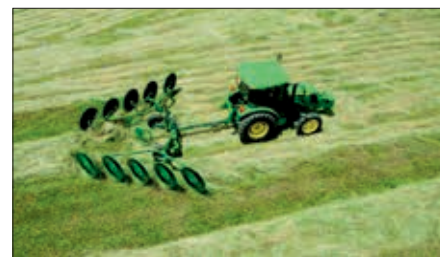
For more information visit www.yamahaviking.com and www.yamahaoutdoors.com.

Economy wheel rakes

Operators looking for more productivity when raking should consider the new WR00 and WR31 rakes from Frontier Equipment. The WR00 and WR31 are designed to increase productivity and uptime, while cutting the cost of operation.

The WR00 is an economy wheel rake that combines simple adjustments with a compact carted design. With easy, two-point position adjustments, it takes just 5 minutes to match windrow size to baler pickup width.

Frontier's WR31 brings the new carted design with larger raking wheels and a Kwik Pik System. The Kwik Pik feature allows users to lift the raking wheels at the same time, which allows for better maneuverability



John Deere WR31 hay rake

and faster headland turns. These new features increase raking performance while reducing costs for producers, according to the company.

For more information visit www.johndeere.com/frontier.

