

New Products

New BRD therapy approved

The U.S. Food and Drug Administration (FDA) has approved Pulmotil, a bovine respiratory disease (BRD) treatment for groups of cattle in the early stages of a

BRD outbreak that provides 14 days of sustained in-feed therapy, a practice that reduces stress associated with cattle handling, an Elanco release says.

Pulmotil is approved for the control

of BRD associated with *Mannheimia haemolytica*, *Pasteurella multocida* and *Histophilus somni* in groups of beef and non-lactating dairy cattle, where active BRD has been diagnosed in at least 10% of the animals in the group.

Similar to the prescription requirement for injectable products, the FDA requires a veterinarian to issue a Veterinary Feed Directive (VFD) for the use of the

treatment. The VFD helps ensure veterinarian oversight and judicious use of the therapy according to the label and feeding directions. The VFD process requires a coordinated effort by the producer, feed-ingredient supplier, veterinarian and nutritionist.

Before making the product widely available, Elanco will conduct additional commercial trials, and work closely with veterinarians and their clients to develop protocols that support the VFD process and maximize Pulmotil's value in a variety of commercial settings.

For more information visit www.elanco.com.

Energy-free livestock waterer

Brower has introduced an energy-free livestock waterer that uses groundwater temperature to provide a dependable water supply year-round. The waterer uses geothermal energy and heavy insulation (R-value of 7.14) to keep water from freezing in the winter and to keep it cool in the summer.

Flap closures reduce ice buildup and are easily operated by livestock. The flaps are reversible for training. The waterer features unique baffles that guard against icing and keep the valve operating under severe conditions. Minimal drinking activity that results in water being replaced twice each day is required to replenish heat gradually lost.

Installation is simple using an 8-inch (in.) to 12-in. tile, with no heat well needed. Weather stripping and an insulated sleeve for the supply line are included.

The waterer has a capacity of 20 gallons (gal.), and is ideal for cattle, horses and elk. It can accommodate approximately 150 beef or 60 dairy cattle.

For more information visit www.browerequip.com.

High-capacity wheel rake

Vermeer Corp. has introduced the VR1428, a high-capacity wheel rake capable of raking 28-foot (ft.)-wide passages, but nimble enough to maneuver like rakes much smaller in size because the new rake is closely positioned to the tractor in the raking position.

The new rake also features a patent-pending, non-telescoping, non-bolted joint straight tongue; a rugged bent tube high-clearance frame, rear frame and fold arms; and a unique patent-pending rake wheel lift and suspension system.

Each rake comes with its own lift/suspension cylinder and a nitrogen-charged accumulator. Instead of struggling to adjust wheels, operators can change rake wheel settings and pressure just by setting a valve near the accumulator.

Optional features include a center splitter attachment that includes a set of dual rake wheels that gently lift and turn the crop in the center of the swath.

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For more information visit www.vermeer.com.

High-capacity tedder

Vermeer Corp. has introduced the TE490 Tedder, which boasts a 49.2-ft. tedding width with handling capabilities that the company says rival much

smaller models. The new tedder features specially coiled hook-style tines, creating an unprecedented “bottoms-up” tedding action for more consistent dry down. The hook-tine design allows operators to pick up and turn the crop — short or long — and more effectively hit the low spots between rotors.

Because the hook tines operate in a trailed position, they adapt and follow the

ground more effectively while avoiding crop contamination from excessive digging. All TE Series models come with a three-year limited hook tine warranty.

The 12-rotor workhorse handles like other tedders and it has a rugged carted framework that provides maneuverability and stable transport. Curved wheel support and anti-wrap plates keep the crop from wrapping around the wheels

and minimize plugging. Operators can adjust rotor angles and customize tedding action to various crops and conditions without using any tools.

Transport from field to field is also quick and easy, as the unit travels at less than 10 ft. wide. The rotor frame is positioned horizontally and fully supported during transport, creating stability and a low center of gravity. Going from transport to operating position takes less than 45 seconds, as no monitor is needed. Two remotes fold and unfold the tedder.

For more information visit www.vermeer.com.

Two new balers

Vermeer Corp. has added two new balers to its lineup: the Rebel 5420 and 5520 hitch’n go balers.

The company introduced its first ever hitch’n go balers 12 years ago to meet the needs and pocketbooks of producers with low-horsepower (hp) tractors looking to roll their own high-quality round bales. With a 40-hp tractor, the 5420 baler produces 5 × 4-ft. bales that weigh up to 1,000 pounds (lb.). The 5520 produces 5 × 5-ft. bales that weigh up to 1,400 lb.

The 5420 and 5520 integrate the company’s Super M baler technology, including the newly designed netwrap system and the feature-filled Bale Expert™ monitor, along with belts with Alligator rivet laces and a new balanced density system that helps increase belt life by keeping them taut and preventing tangles, producing better-looking bales.

Optional features include Haysaver wheels that are easy to adjust with just a few quick turns of a wrench; a netwrap system that is user-friendly for loading and feeding, and features a net spreading system that can wrap bales in less than 10 seconds — right to the edge; the Bale Expert monitor that helps customers monitor bale size and shape and prevents bale chamber overfill with an alarm system; and a moisture-sensing kit that is perfect for lifestyle producers who want the assurance they are putting up high-quality hay.

For more information visit www.vermeer.com.

High-moisture silage wrappers

Vermeer Corp. has introduced the SW5000 and SW5500 silage wrappers that will offer forage producers greater freedom and more flexibility by increasing their baling options and window, the company says, enabling them to harvest forages with moisture content up to 65%.

Both models feature self-loading arms that allow producers to pick up, load, wrap and dump tightly wrapped bales without leaving the tractor cab.

The SW5000 is ideal for mid-sized operations, while the SW5500 is more suited for operations with extensive silage baling needs. Once the bale is wrapped and ready to unload, a reliable cut-start system slices the film and secures it for the next wrapping cycle.

Its low-profile design helps minimize punctures or tears in the film wrap and damage to the bale. To keep the operator working, both models provide storage room for three additional rolls of plastic film conveniently located on the frame.

The SW5000 features a semi-automatic controller within the tractor cab, while the SW5500 is fully automatic. Operators can even pause mid-wrap, if necessary. Also included are rotation counters, plus an alert that lets you know when the wrapping table has completed its predesignated number. The SW5500 also features a unique bale discharge system that pivots up to cradle the bale while ground-support bracing helps transfer the load and minimize the stress of the bale weight on the chassis. When silage wrapping is completed for the day, the loading arm folds to the side of the machine, creating a narrow profile and a transport width of less than 8.5 ft.

For more information visit www.vermeer.com.

Three one-step formulas to fight infection and accelerate healing

Innovacyn Inc. has announced the launch of three Vetericyn® products designed to meet the specific needs of the livestock market, including dairy animals, beef cattle and swine. The new Vetericyn livestock line includes a pinkeye spray; teat spray; and umbilical, navel and udder gel, all available in 16-ounce (oz.) trigger-spray bottles.

Vetericyn is a topical solution for the care of wounds, infections and irritations caused by bacteria, viruses, fungi or spores. The no-rinse solution is steroid-free, antibiotic-free and nontoxic. In solution, Vetericyn products kill 99.999% of bacteria, viruses, fungi and spores, making the products ideal for bacterial infections.

The formula found in Vetericyn's livestock products consists of oxychlorine compounds similar to those produced by the animal's own immune system, and will not harm healthy tissue. The pH-neutral sprays and gels contain no alcohol or iodine, and do not sting when applied.

The pinkeye spray cleans wounds, accelerates healing of eye infections caused by viruses and fungi, and eliminates bacteria. The 100% biocompatible spray provides relief from infections, stinging, itching, pollutants and other foreign materials. It also works as a no-rinse flush to relieve irritated eyes, or cleanse eye abrasions and wounds in the eye region. With a trigger-spray applicator, the pinkeye spray is easy to administer directly to the eye. Three squirts will fully flush the eye and surrounding tissues, according to the release.

The teat spray helps control the spread of bacteria that causes bovine mastitis, promotes the healing of cracked teats and relieves teat rashes. Eliminating the need for costly and time-consuming alcohol prep pads that can facilitate cross-contamination if not

disposed after use on each teat, the teat spray produces a fine mist for superior surface coverage. The no-rinse formula is biocompatible and nontoxic.

The one-step umbilical, navel and udder gel debrides wounds, cleans infections and speeds healing of rashes and udder sores. The water-based hydrogel can be sprayed directly into a tented umbilical cord and massaged

up to eliminate bacteria and speed the drying process. Unlike tincture of iodine, the gel is nontoxic and has no adverse effects on organs, including the liver.

The gel can also be used directly on calves whose umbilical cords were torn off at birth, creating an effective barrier against infection. The gel eliminates the infection and odor caused by udder sores. Finally, the safety profile of the

products ensures that employees will not be exposed to any dangerous chemicals.

The products are available in pet stores nationwide, including Petco; at feed and tack stores; via licensed veterinarians; and through the company's network of distributors. To find a dealer or distributor, visit www.vetericyn.com or call 1-866-318-3116.

