

GIZMOS & GADGETS

Products to put to use on farms and ranches

Compiled by Shauna Hermel, editor

▶▶▶ Merck Launches Nasalgen 3-PMH

Merck Animal Health has introduced Nasalgen® 3-PMH, the only intranasal vaccine that protects beef and dairy cattle from the five most common pneumonia-causing viral and bacterial pathogens. The vaccine provides early, broad-spectrum respiratory protection in a needle-free, animal- and Beef Quality Assurance

(BQA)-friendly administration.

“Nasalgen 3-PMH is a modified-live, intranasal vaccine that stimulates a strong early immune response to help give calves a strong foundation of respiratory disease protection,” says Scott Nordstrom, director of livestock innovation and discovery. “Results of efficacy, duration of immunity and safety studies demonstrate the vaccine is safe and effective for calves at 1 week of age or older.”

Nasalgen 3-PMH offers six-and-a-half-month duration of immunity (DOI) against infectious bovine rhinotracheitis (IBR), an 11-week DOI against bovine respiratory syncytial virus (BRSV), three-month DOI against parainfluenza-3 (PI₃), as well as a four-month DOI against *Mannheimia haemolytica* and *Pasteurella multocida*.

Nasalgen intranasal vaccines are unique because they are delivered to mucosal surfaces in the nose to avoid interference from maternal antibodies. Also, intranasal vaccines are also less stressful on calves compared to injectable vaccinations.

The introduction of Nasalgen 3-PMH follows the launch earlier this year of Nasalgen® 3. Both vaccines designed with an IBR and

PI₃ that are not temperature-sensitive, so the vaccines will replicate and protect in a moderate-to high-temperature environment.

“If producers are working cattle in warm temperatures, both types of Nasalgen 3 vaccines will still replicate,” says Nordstrom. “The IBR antigen elicits a rapid interferon response, as well, which provides non-specific protection against many viruses. Cattle are protected early on, and then develop both a serum and mucosal antibody response within two weeks of vaccination.”

Both Nasalgen 3-PMH and Nasalgen 3 are administered in a single 2-mL dose that is easy to administer. Both contain a unique BluShadow® diluent that clearly indicates which animals have been vaccinated. With needle-free intranasal administration, the vaccine meets best management practices outlined in the industry’s BQA program.

Both vaccines are proven safe for use in pregnant cows and in calves nursing pregnant cows, as well as young calves. Nasalgen 3 is available in 2-mL, 20-mL and 100-mL packages; Nasalgen 3-PMH will be available for purchase in early 2021. Consult your veterinarian for specific usage guidance.

To learn more visit <http://bit.ly/GG1-1020>.

▶▶▶ Protect feedgrains from mycotoxins

During wet years, the possibility of mycotoxins from mold and fungi growth in grain products and storage bins is greater. Brookside Agra offers all-natural FloBond™ as a solution to protecting livestock from the threat of mycotoxins.

FloBond is a 100% organic-certified binder and anti-caking agent that is proven in multiple

▶▶▶ New XT-Series GrainCarts from Brandt

The Brandt Group of Companies announces the addition of an all-new GrainCart series to its established grain-handling lineup. The new XT-Series carts make use of an updated tank design and new auger configuration to deliver significant performance benefits.

The new carts employ a unique corner-mount auger design that delivers 8+ feet (ft.) of forward auger reach, 15+ ft. of side auger reach, and 13+ ft. of discharge spout clearance. The extra reach and clearance ensure clearer forward visibility from the tractor cab to the discharge spout, allowing operators to work more comfortably and enabling them to be more productive for longer periods during the hectic harvest season.

Brandt has also added a new low-profile modular tank design that eliminates common ledges and catch-points, ensuring faster, more thorough clean-out and minimizing crop switchover times. The new design also incorporates a ground-level access door for safe tank entry for maintenance.

Production of the new XT-Series GrainCarts commenced in May of this year and they have already begun shipping to dealers across Canada and the United States.

For more information visit <http://bit.ly/GG3-1020> or email info@brandt.ca.



laboratory studies and field trials to bind with the mycotoxin to form a larger particle that is unable to pass through an animal’s gut wall. Instead, the larger particle is safely secreted from the animal’s body through its feces. FloBond does not affect the feed’s vitamins, minerals, nutrients or flavors.

Mycotoxins, toxic substances produced by mold and fungi, occur in most feedgrains, including corn, wheat, oats, soybeans, sorghum, cottonseed, rye and rice. When consumed by poultry, livestock, fish and pets, mycotoxins can cause

cancer, liver and kidney problems, infertility, growth rate reduction and other problems.

FloBond comes in easy-to-use powdered and granulated formulas that work with standard mixing equipment to blend with regular feed. FloBond is approved by the USDA and contains no dioxins, chemicals or additives. It is allowed in European Economic Community countries.

Made in the USA, FloBond is available in 50-pound (lb.) bags and 2,000-lb. bulk bags.

For more information visit <http://bit.ly/GG2-1020> or contact Tim Nelson at 402-560-7381 or tim.nelson@brookside-agra.com.

Editor’s note: “Gizmos & Gadgets” is a regular column of the *Angus Beef Bulletin* and the *Angus Beef Bulletin EXTRA* featuring new and innovative products for consideration at the cow-calf, stocker and feedlot level. To submit a product for publication, contact Shauna Hermel at shermel@angus.org.