

GIZMOS & GADGETS

Products to put to use on farms and ranches

Compiled by Shauna Hermel, editor

▶▶▶ Merck Animal Health Launches Nasalgen 3

Merck Animal Health has introduced Nasalgen® 3, a three-way intranasal vaccine that protects beef and dairy cattle from the most common pneumonia-causing viral pathogens. Administering intranasal vaccines to neonatal calves is considered one of the most effective strategies to put protective immunity in place quickly and establish a strong foundation for future respiratory protection.

Nasalgen 3 has the longest duration (six and a half months) of immunity (DOI) against infectious bovine rhinotracheitis (IBR), an 11-week DOI against bovine respiratory syncytial virus (BRSV) and a three-month DOI against parainfluenza-3 (PI₃).

“Nasalgen 3 mimics natural exposure to the most common pneumonia viruses,” says veterinarian Scott Nordstrom, associate director of ruminant life cycle management, Merck Animal Health. “The intranasal administration of Nasalgen 3 stimulates a strong, early immune response because the vaccine antigens are delivered to mucosal surfaces in the nose — an area

loaded with immunologically active tissues.”

Nasalgen intranasal vaccines avoid interference from maternal antibodies in colostrum that can block injectable vaccines and are less stressful on calves compared to similar injectable vaccinations. The product also is designed with an IBR that is not temperature-sensitive, so the vaccine will replicate and protect in a moderate- to high-temperature environment.

“The IBR antigen elicits a rapid interferon response, as well, which provides non-specific protection against many viruses,” says Nordstrom. “Cattle are protected early on and then develop both a serum and mucosal antibody response within two weeks of vaccination.”

The single 2-mL dose is easy to administer, and its unique blue shadow dye clearly indicates which animals have been vaccinated.

▶▶▶ A new product for pinkeye

Curicyn introduces its Pink Eye Solution and Pink Eye Solution Kit developed for the common and contagious bacteria in pinkeye.

The product provides immediate relief in a one-time treatment, helping to promote rapid healing in one to three days. It is nonirritating, antibiotic- and steroid-free, and pH-balanced.

USDA-approved, the product is preapproved for use in natural and Global Animal Partnership

(GAP) programs. Noninvasive and easy to use, it can be used on all livestock and companion pets.

The Pink Eye Solution is available in a 3-ounce (oz.) twist-open applicator bottle or a 24-oz. adjustable trigger spray bottle. The Pink Eye Kit contains the applicator bottle, along with multiple biodegradable patches and tag cement for application.

For more information visit www.curicyn.com.

Needle-free intranasal administration ensures carcass quality is not compromised, and the product meets best management practices outlined in the industry’s Beef Quality Assurance (BQA) program.

Nasalgen 3 is proven safe for use in pregnant cows and in calves nursing

pregnant cows, as well as young calves. The vaccine is available in 2-mL, 20-mL and 100-mL packages. Consult your veterinarian for specific usage guidance.

To learn more about the newest option in intranasal respiratory vaccines, visit www.Nasalgen.com.

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▶▶▶ More reproductive flexibility

Better reproductive performance leads to better profit performance. Research has shown that synchronization of estrus can improve breeding efficiency, increase pregnancy rates and shorten the calving interval.

To provide producers with more flexible administration options, Boehringer Ingelheim has introduced a new 100-mL bottle of Cystorelin® (gonadorelin). This larger packaging allows producers to treat up to 50 cows per bottle.

“Cystorelin and Synchsure® (cloprostenol sodium) offer dependability and flexibility that can improve overall herd reproductive performance,” said Barbara Petersen, marketing

manager for the company. “We’re excited to provide producers with a larger bottle size of Cystorelin, to complement the 100-milliliter Synchsure bottle already offered, for added convenience.”

When used together, these two products provide a shortened time to first service, increased estrus detection efficiency, and improved first-service conception rates.

To learn more about the benefits of incorporating these products into your

herd’s reproductive program, visit SyncTheHerd.com. Remember to consult a local veterinarian when developing herd synchronization protocols.



Merck Animal Health has launched Nasalgen 3, the newest option for intranasal respiratory vaccination that provides three-way protection against the most common pneumonia-causing viral pathogens.



▶▶▶ **Kubota introduces its largest ag tractor**

Kubota's M8 Series makes Kubota a formidable player in North America's large-utility tractor segment. The M8 Series is Kubota's



Kubota's M8 Series utility tractor

horsepower utility ag machine yet.

Kubota's M8 Series is purpose-built for comfort, power and simplicity. A variety of applications are available with easy-to-use and conveniently located controls. The

cab boasts an impressive 148 cubic feet (cu. ft.) of space, and every inch is designed to deliver a superior operational experience.

Ample sound insulation and premium seating provide a comfortable environment, and it is designed to mitigate operator fatigue during long days and nights in the field. The tractor's

cab was designed around the concept of "an office with a view" and includes various seat and operator comfort options, all-weather climate control, an ergonomically designed multi-function command center and excellent visibility.

breakthrough tractor line that offers 190- and 210-horsepower (hp) models with a Cummins B6.7 Performance Series engine, featuring an EGR-free design that enables greater fuel efficiency and lower emissions. It is the company's newest, largest and highest-

The B6.7 delivers exceptional power, fuel efficiency and EPA Tier 4 Final compliant emissions.

For additional details, including dealer locations near you, visit kubotausa.com.

▶▶▶ **Kubota's new sidekick**

Kubota's RTV-XG850 Sidekick, the company's newest gas-powered utility vehicle, blazes a path into a new segment and joins the company's renowned RTV lineup of work-ready utility vehicles. Under the hood is a powerful 48-hp gasoline engine that offers speeds up to 40 mph.

Kubota conducted extensive research to design the Sidekick as a reliable workhorse in a powerful, fun-to-drive machine. Market research shows consumers want a multipurpose

utility vehicle that delivers rugged reliability and speed. With 2,000 pounds (lb.) of towing capacity (1,550 lb. on hills) with standard equipped trailer-hitch mount, the Kubota Sidekick is at the ready to tow boats, jet skis, trailers and so much more.

There are more than 50 accessories and attachments to make chore maintenance needs



Kubota's RTV-XG850 Sidekick

more manageable. From wheels to winches, snow removal to storage, the Sidekick has all the add-ons needed to brush, sweep, plow, and more.

For additional details, including dealer locations near you, visit kubotausa.com.

▶▶▶ **Feed the gut**

The second generation of the most widely used MOS product on the market is here.

Bio-Mos® 2 continues the legacy of Bio-Mos® by improving upon Alltech's trademark technology. Formulated to feed the gastrointestinal tract, Bio-Mos 2 is a new feed supplement for your cattle that helps optimize average daily gain and reinforces a healthy gut microbiome without antibiotics at all stages of production.

Key benefits include supporting health of high-risk animals; aiding in nutrient utilization to optimize average daily gain; and maximizing gastrointestinal integrity and stability.

Visit alltech.com/bio-mos2 to learn more. |

▶▶▶ **AngusLink, EarthClaims LLC announce service partnership**

Producers seeking to document their added value on Angus feeder calves just got a more cost-effective option. EarthClaims LLC and the American Angus Association have reached an agreement to provide bundled verification services. The bundled service includes certification under the Global Animal Partnership's 5-Step Animal Welfare Program (GAP) certification from EarthClaims with options for age and source, Angus-sired genetics, non-hormone treated cattle (NHTC) and NeverEver 3 (NE3) verification by AngusLinkSM, a USDA Process Verified Program (PVP). By working together, the companies are able to streamline the enrollment and audit process while offering the programs at a reduced cost.

"AngusLink is growing rapidly as cattlemen look to capture the value of their Angus feeder cattle," said Mark McCully, American Angus Association CEO. "Now being able to combine GAP certification allows these programs to put more dollars in cattlemen's pockets."

The partnership also delivers convenience for busy ranchers.

"EarthClaims and AngusLink business activities are complementary, and producers will enjoy being able to have one auditor perform the GAP audit in conjunction with the NHTC and NeverEver 3 audit,"

said Ginette Gottswiller, American Angus Association director of commercial programs.

"We are delighted to join with the American Angus Association to offer combined services," said Jay Friedman, EarthClaims CEO. "GAP certification brings market premiums in addition to those based on the Association's excellent PVP programs. Joining with America's largest breed association to offer EarthClaims' consumer-centric verifications makes sense and aligns with both our missions."

EarthClaims is an industry leader in animal welfare third-party verification services and the exclusive provider of GAP certification in North America.

For more information, call the American Angus Association at 816-383-5100 or EarthClaims at 202-596-5592.

ANGUSLINKSM

