

New Products

Single-dose treatment for BRD

Norbrook Laboratories Ltd announced the addition of a new 500-mL bottle of its FDA-approved Enroflox 100 (enrofloxacin) for the single-day, single-dose treatment of bovine respiratory disease (BRD) associated with *Mannheimia haemolytica*, *Pasteurella multocida*, *Histophilus somni* and *Mycoplasma bovis* in beef and non-lactating dairy cattle. Containing the same active ingredient and dosing regimen as Baytril® 100 (enrofloxacin) in beef and non-lactating dairy cattle, Enroflox 100 is also approved for the control of BRD in beef and non-lactating dairy cattle at high risk of developing BRD associated with *M. haemolytica*, *P. multocida*, *H. somni* and *M. bovis*.

The company says Enroflox 100 is now available from veterinarians in three sizes to fit any size operation. For more information, contact your veterinarian, local animal health products supplier or visit www.norbrookinc.com.

Federal law restricts this drug to use by or on the order of a licensed veterinarian. Federal law prohibits the extra-label use of this drug in food-producing animals. Cattle intended for human consumption must not be slaughtered within 28 days from the last treatment. ... Use with caution in animals with known or suspected CNS disorders. Observe label directions and withdrawal times. See product labeling for full product information.

Quick biomass digestion

Brookside Agra's agronomy operations is answering questions being asked by growers these days about processes that can be utilized to get more out of their soil and biomass after harvest is complete. The company says using biologicals along with components that support their growth, such as all-natural H₂OExcel™, will break down biomass quickly and effectively, releasing stored nutrients back into the soil for spring planting.

In digester-type programs the company says it has seen improved breakdown of biomass when using a biological. Using a biological alone, however, can make the process slow and of little effect. Because biologicals function according to environmental factors like temperature and moisture, if you apply a biological alone, it may only have species that respond to those environmental factors present when they are applied.

The key to a successful digester program, the company says, is getting as many biologicals in the sprayer as possible and giving them the food they need to multiply rapidly.

When using a system that contains a biological combined with the components that support them, you should see a fairly quick response, according to the release.

H₂OExcel is composed of five primary modes of action to do this naturally:

1. water management;
2. capillarity pressure change;
3. biological growth and activity;
4. saponins; and
5. humates for soil conditioning.

The goal is to break down the biomass to make it easier to handle the following spring and to return as much of the stored nutrients to the soil in the forms that are stable and can be utilized for the next crop. This is an operation that will also support cover crops.

When utilizing a digester program, the first sign you should see is a color change that indicates the biologicals are reproducing and beginning to find their way into the biomass. In crops like corn, you will notice this color change and as rain begins to fall, the stalks will become more brittle.

The company recommends not to conduct any tillage operations in the fall in order to maintain the integrity of the biological ecosystems being constructed during this process.

Practices like a digestion program postharvest and using biological products are great ways to actively start adapting soil health methods and work toward a better understanding of your soil, inputs and yields.

For more information contact Tony Arro, director of sales, specialty products, at 618-628-8300 ext. 24 or tony.arro@brookside-agra.com.

Feed additive

Ralco has announced that it has launched a new product, Fight Strong® for Cattle, a natural feed additive for cattle that promotes intake and immunity to help overcome production stress. The product does not require a veterinary feed directive (VFD) because it is formulated with patent-pending natural Strong Animals® technologies.

The new product was developed to help reduce production stress from transportation or handling, poor appetite or a suppressed immune system. The easy-to-use product is typically fed for 28 days and is available as a pellet or as a concentrate for further manufacturing.



Ralco Beef Technical Lead Dennis Dieterich said the patented and patent-pending technologies available in the new product provide producers with an effective natural product that drives performance during times of stress.

Dieterich says the new product promotes a balanced gut microflora, stimulates rumen function, feeds beneficial bacteria and promotes appetite. The company knows how important and difficult it can be to get stressed cattle on feed, which is why the company says it takes multiple technologies, working at every level, to keep animals strong and productive.

The new product is formulated with exclusive Microfused™ Essential Oils, Actifibe™ Prebiotic, and Microbial Catalyst® technologies. The product also contains yucca schidigera and IntegraMOS® to promote digestion.

For more information contact Ryan Wendland at 330 3rd St.; Balaton, MN 56115; 507-337-6819; or ryan.wendland@ralconutrition.com.

Drying agent

Brookside Agra is now offering Absorb™ — an all-natural, multi-purpose drying agent made in the United States.

With all ingredients classified as Generally Regarded As Safe (GRAS), the product provides superior, safe moisture absorption and odor control for a variety of purposes, including:

- Drying and reducing chill in all animal species, including newborn piglets, swine, cattle, poultry, sheep, goats, horses and pets;
- Removing moisture and ammonia odor from livestock and recreational animal housing, poultry barns and kennels;
- Absorbing wetness in any area where moisture is a problem, such as food-processing facilities and commercial kitchens;
- Drying wet surfaces and flooring to reduce the chance of animal or human injury.

The company says the all-natural product reduces the risk of injury around the farm, in commercial kitchens and other areas where moisture can pose a slipping hazard.

Absorb can be sprinkled on animal bedding or flooring to absorb moisture and odors caused by urination, diarrhea or water. For newborn animals, it is recommended that the product be rubbed vigorously between its neck and tail until the animal is dry.

Absorb is available in a 40-pound (lb.) bag and can be purchased online in the United States at www.brookside-agra.com/products/animal-health/absorb/.

For more information and special ordering, contact Tim Nelson, vice president, animal health & nutrition sales, at 402-560-7381 or tim.nelson@brookside-agra.com.

Oxygen barrier film

Silostop Ultimate Oxygen Barrier Film is recognized worldwide as the

leading oxygen barrier film. It is a thin, impermeable film stopping the entry of oxygen into silage stored in bunkers or piles.

The product is a multilayer light and very strong silage film, making it easy to handle and apply. Its unique oxygen barrier properties are proven to be more than 100 times more effective than conventional silage sheeting.

The benefits of the product include

- Surface spoilage is virtually eliminated;
- Reduced labor time, as it's quick to use and no need to remove waste silage;
- Dry-matter (DM) loss is reduced by up to 50% in the top 3 feet (ft.) of silage compared to conventional silage sheeting.

- Aerobic stability is increased by up to two and a half days, so silage on the face and in front of the cows stays fresh and nutrient-rich longer.

Silostop films are thinner and less bulky than conventional plastics and are therefore cheaper to recycle or dispose of. The product has been and is

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Silostop
Ultimate
Oxygen
Barrier Film

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continually independently researched and there are many published trials proving that silage DM losses are reduced, aerobic stability is improved and that nutrient levels are preserved at an optimum level.

Available accessories include Silostop gravel bags to add weight and aid in

creating an effective seal. Available in packs of 50, the company's pea-sized gravel is the fill of choice.

For more information visit www.silostop.com.

Large square baler

Case IH has introduced the new LB434XL 3x4 large square baler designed from the ground up for large-scale hay and forage operations with a lot of ground to cover and a short time to do it.

The premium features designed to efficiently harvest each crop at peak nutritional value include a longer baler chamber. The 31.5-inch (in.) bale chamber delivers up to 10% higher bale density over current LB434 balers. Greater density means more crop per bale, decreasing total bale count, as well as handling, wrapping and transportation costs.

Other features are AFS capability with an intuitive, easy-to-read AFS Pro 300 or Pro 700 display that monitors bale weight and moisture while detecting misties in real time. Regardless of windrow conditions, steering sensors located on each side of the prechamber guide steering for uniform bale slices.

The new baler has an improved bale-ejection system, with the extended baler chamber ensuring bales drop more gently with less twine breakage. Partial or full bale-eject options feature an active teeth system for greater durability and reliable bale ejection. The heavy-duty plunger hammers out uniform, dense bales at 48 strokes per minute while the PTO driveline handles 40% more peak torque.

A larger platform makes baler cleanoff easier as folding safety railings simplify shipping and road transport. The new baler LED work and service lights clear illumination to key areas such as pickup, twine boxes, needles and knotters, while the rear safety rail provides better visibility.

Visit a dealer or www.caseih.com/northamerica/en-us/products/balers/lb4-baler for more information.

Innovative three-point disc mower

Krone presents the AM R three-



point disc mower, which features QuickChange blades, making the blade-changing process easy and efficient by needing only a single, onboard tool that comes with the mower. The SmartCut cutterbar, available with an optional three-year warranty, provides increased blade overlap, allowing for a better cut quality in all crop conditions. The cutterbar also features no inner skid shoe to reduce blockages and improve crop flow. The AM R offers a beltless drive system, powered by a highly efficient drive shaft system for reduced maintenance and superb performance.

The new mower utilizes the SafeCut hub system that is designed to protect the gears in case of contact with a foreign object in the field; the SafeCut hubs shear a roll pin and eliminate impact on the spur gears to reduce the risk of damage.

The new AM R three-point disc mower is the next generation of the AM disc mower series and will be replacing the AM model over the next two years.

To learn more visit krone-na.com.

Wheel loaders

Case IH has introduced the all-new G Series wheel loaders, spanning seven new models scaled for work ranging from supply yards, building construction and agriculture up to quarries and mass excavation. The new introduction brings the entire product line to Tier 4 Final compliance featuring Selective Catalytic Reduction (SCR) engine technology that increases fuel efficiency, keeps exhaust temperatures down and eliminates regeneration or lifetime diesel particulate filter (DPF) costs/maintenance.

The new wheel loaders are designed for work in specialty applications such as waste/scrap, agriculture and snow removal. Efficiencies in power/output, maintenance and operator ergonomics/interaction — combined with Case ProCare — provide an exceptionally low and predictable total cost of ownership/productivity across the entire product line.

The new wheel loaders feature a broad range of bucket and linkage options to optimize each machine to its application. Linkage options include Z-bar (best breakout force and general operation), XR (extended

reach) and XT (tool carrier/parallel-lift configuration for best handling stacked/palletized materials). Each loader comes standard with a four-speed PowerShift transmission, and an optional five-speed transmission with lock-up torque converter is available on the 721G, 821G and 921G for roading speeds up to 25 miles per hour (mph).

Each loader also provides a number of

tire and axle options based on operating environment. The 521G through the 821G feature a standard limited slip differential that equally supplies torque to each side of the axle and automatically applies additional torque to the gripping tire. The 921G through the 1121G feature a heavy-duty axle with open differential that is ideal for working on hard-packed or improved surfaces, especially when using

solid tires. All models are available with an optional heavy-duty axle with auto-locking front differential that is also ideal for use on hard surfaces and with solid tires and, depending on conditions, can transmit 100% of the front axle tractive effort to the gripping wheel.

For more information visit www.casece.com.



Case IH 621G Wheel Loader