

New Products

Drying agent

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

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 and nutrition sales, at 402-560-7381 or tim.nelson@brookside-agra.com.

Innovative three-point disc mower

Krone presents its newest performer in innovative mowing capabilities, the AM R series 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.

Powerful skid steer

Case Construction Equipment has introduced its new SV340 skid steer. The new machine is rated at 3,400 lb. operating capacity and features a bucket breakout force of 9,531 lb.

The SV340 provides extra power and performance, along with a stronger lift arm, H-link and upper chassis. The machine also offers optional high-flow (38.7 gpm at 3,450 psi) and enhanced high-flow (35 gpm at 4,000 psi) auxiliary hydraulics for excellent power and attachment versatility. The skid steer is compatible with more than 250

attachments, including the company's new sectional snow pushes, buckets, forks, brooms, rakes and more.

A 90-horsepower FPT engine with Selective Catalytic Reduction (SCR) technology powers the new machine. The SV340 features EZ-EH (electro-hydraulic) controls that provide nine adjustable speed and control sensitivity settings that can be adjusted on the fly. This allows the operator to quickly switch between personalized settings for speed and control, and to tailor machine performance to the application.

The skid steer also features push-button Ride Control™, which cushions loader arm movement for a smoother ride and greater material retention. The



Case SV340 skid-steer loader

BOOKS & LOOKS

New satellite image basemap

Airbus Defence and Space has announced the launch of One Atlas, a new satellite image basemap, which covers the earth's landmasses with professional-grade imagery. Available online, 24/7 and refreshed within a 12-month period, One Atlas provides agricultural organizations easy access to cost-effective, high-quality and homogeneous imagery.

One Atlas has been specifically developed to support applications within the agricultural sector, providing the opportunity to delineate parcel boundaries, map agricultural lands and crop species, as well as being able to track and trace tractors and irrigation assets.

The service offers a streamlined workflow, and the costs related to updating, selecting, processing and hosting imagery are drastically reduced. Seamlessly integrated into the customer's system, One Atlas facilitates the sharing of data across teams or partner organizations, with no compromise on security or privacy. It also enables users to plan, map and locate their teams, assets or areas of interest, anywhere on the globe, allowing operators to devote more time to their core mission.

For more information visit intelligence-airbusds.com/one-atlas/.

Online climate change adaptation resource

The U.S. Environmental Protection Agency (EPA) has launched a new online portal that will provide local leaders in the nation's 40,000 communities with information and tools to increase resilience to climate change. Using a self-guided format, the Adaptation Resource Center (ARC-X) provides users with information tailored specifically to their needs, based on where they live and the particular issues of concern to them.

Recent statistics from the Office of Management and Budget (OMB) show the federal government has incurred more than \$357 billion in direct costs due to extreme weather and fire alone during the last 10 years. Climate change is also expected to pose significant financial and infrastructural challenges to communities in coming decades. EPA designed ARC-X to help all local government officials address these challenges.

Building on climate adaptation training for local governments EPA launched last year, ARC-X provides another important resource for building climate resiliency. The system guides users through all steps of an adaptation process, providing informa-

tion on the implications of climate change for particular regions and issues of concern; adaptation strategies that can be implemented to address the risks posed by climate change; case studies that illustrate how other communities with similar concerns have already successfully adapted, along with instructions on how to replicate their efforts; potential EPA tools to help implement the adaptation strategies; and sources of funding and technical assistance from EPA and other federal agencies.

To access ARC-X visit www.epa.gov/ARC-X. For climate adaptation training visit www.epa.gov/communityhealth/local-government-climate-adaptation-training.

Mobile pregnancy diagnosis

The Beef Cattle Institute (BCI) at Kansas State University (K-State) is making it easier for producers and veterinarians to manage pregnancy diagnosis information with a new mobile app called Pregnancy Analytics.

Designed to serve as an instant data collection and analysis tool, the app will facilitate the transformation of data into actionable information for individual herds.

Not only will the app allow cattlemen to input records chuteside with ease, but it will evaluate the success of the breeding program at the time that a herd is palpated and provide a benchmark for comparison against other herds in the region.

The app will accept pasture ID/herd name, breed (up to three breeds, or other cow description), cow ID, age, body condition score and number of days bred. From this, projected calving dates are generated, and graphs are created to display the distribution of the producer's future calving season. The data and report can be emailed to the client or stored in the device, and the data can be converted to a spreadsheet for further appraisal.

The app is the first of several interactive decision-making tools that BCI will be designing for industry use, according to the release.

The Pregnancy Analytics app is available for download for Apple or Android markets. More information can be found at www.beefcattleinstitute.org or contact 785-564-7459 for assistance.

Meat sustainability app

Merck Animal Health is pleased to announce the launch of a new app, the Meat Sustainability Calculator, which is designed to help producers, suppliers and others in the food chain better understand how the beef production systems and tech-

machine also features an optional radio and upgraded climate controls for optimal comfort.

The machine's routine service points are all located at the rear of the machine. Operators can quickly access the engine, filters, fill points, and all other service points through a single point of access.

For more information visit CaseCE.com/alpha.

Antibiotics website

Antibiotics are critical tools for treatment and control of diseases in livestock. Antibiotic resistance threatens the use of antibiotics in livestock for two important reasons. If resistance develops, the antibiotic may not be effective in treating the disease. Increased antibiotic resistance could lead to policies limiting access to antibiotics for use in livestock.

KSUantibiotics.org was created as a launching point to find information about antibiotics. The new site includes a section on antibiotic resistance, featuring new Kansas State University (K-State) fact sheets about how antibiotic resistance occurs and why livestock producers should care about antibiotic resistance.

Supported by a grant from the USDA National Institute of Food and Agriculture (NIFA), the website was developed by the

K-State Department of Animal Sciences & Industry.

The website also includes links to sites that provide an overview of antibiotic resistance, mechanisms, the current knowledge about resistance in livestock production, the USDA and FDA action plans concerning resistance, and news feeds where you can find the latest information on the topic. Each of the subpages

contains the major agency (e.g., WHO, FAO, CDC), producer group (National Pork Board), and journal publications on the topics.

Besides information on resistance, there are links to the rules concerning Veterinary Feed Directives (VFD) and other antibiotic regulations. Links to videos created by the Beef Cattle Institute can be found under the VFD section. Another

section leads the user to reviews on the main alternatives to antibiotics that have been tested. The last section provides links to information on management practices that can reduce the need for antibiotics.

Producers are encouraged to visit KSUantibiotics.org to learn about antibiotic resistance and alternatives to antibiotics.



nologies they use impact the environment. The app was created in partnership with Jude Capper, an independent sustainability consultant. Data from peer-reviewed journals was utilized to establish a standard of the environmental impact of North American beef production practices.

The app enables users to evaluate their own impact on sustainability by comparing their results to the North American average. Producers and suppliers can compare on a per-head-of-cattle scenario, while food-service members or retailers can assess based on amount of beef produced or purchased. Users simply enter the number of cattle they desire to evaluate, or the pounds or kilograms of beef they will be supplying or purchasing. Next, they select various production technologies to determine how they impact sustainability. By comparing individual results to industry benchmarks, individuals can identify opportunities to improve the sustainability of their operations through things such as water usage and land management.

The app is available for download on tablets and iPads in both the Apple and Android app store.