

New Products

New beef tenderness measurement

Analytical Spectral Devices (ASD), working with the U.S. Department of Agriculture (USDA) and the Roman L.

Hruska U.S. Meat Animal Research Center (MARC), has developed a measurement utilizing near-infrared (NIR) technology to predict the slice shear force of *longissimus* muscle at

14 days postmortem in *Bos taurus* (British and Continental breeds) cattle. The QualitySpec® BT system scan takes approximately three seconds to perform, with data instantly displayed to the operator. The system can be integrated into the processor's existing information system, allowing the tenderness data to be monitored and reported along with all other parameters used in the facility.

Typically located on the grading stand, the system uses a halogen light to analyze the portion of ribeye exposed to the graders, with a Pass/Fail indicator located in the hand piece to enable the operator to mark carcasses without having to turn to look at a computer screen. The company's proprietary software, Indico™ iP, is configurable to allow adjustment to tenderness set points based on contracts or other customer parameters. The software can also store data, display data and create reports and trend charts, according to the release.

Processors interested in the system can contact the company at info@asdi.com. To read more about the system, visit www.asdi.com.

Portable temperature and humidity recorders

Dickson Co. has introduced the battery-operated and cord-free TH800 chart recorder to monitor hot spots and other problematic variations in temperature and humidity conditions. The recorders can be moved from place to place during short-term site monitoring and testing, and feature an 8-inch (in.) chart, user selectable temperature ranges and 24-hour or seven-day recording times. For more information call (630) 543-3747, fax (630) 543-0498, or e-mail dicksoncsr@disksonweb.com.

New formulation

Pfizer Animal Health announces a new formulation of CattleMaster® Gold FP® 5 L5 with a new adjuvant for five-way (L5) protection against the five most common viral respiratory diseases in cattle. According to the release, the vaccine results have been 100% effective in protecting calves from bovine viral diarrhea (BVD) type 1 and 2 persistent infections (PI). It has also been effective in minimizing the risk of PI calves being born and offers protection against IBR abortion. For more information, visit www.pfizerah.com.

Expanded dose range

Elanco Animal Health announces U.S. Food and Drug Administration (FDA) approval of an expanded dose range for Rumensin® for improvement in feed efficiency and prevention and control of coccidiosis in feedlot cattle. The approval increases the upper end of the dose range to 40 grams (g) per ton on a 90% dry-matter (DM) basis.

While the company recommends beef producers consult with their nutritionists, it is recommending that for improved feed efficiency feedlot cattle be fed 5-40 g per ton continuously in a complete feed to provide 50-480 mg monensin (Rumensin's active ingredient) per head per day. No additional improvement in feed efficiency has been shown from feeding monensin at levels greater than 30 g per ton (360 mg per head per day).

For the prevention and control of coccidiosis, the company recommends

feeding 10-40 g per ton of Rumensin continuously to provide 0.14-0.42 mg per pound of body weight per day, up to 480 mg per head per day. According to the company, it pursued the dose range expansion to give producers additional flexibility in optimizing cattle health, performance and profitability.

The company will be seeking combination approvals with Tylan[®], Optaflexx[®] and melengestrol acetate.

Data collection system

Serveon Inc. has introduced the Serveon Advanced Business Intelligence (SABI™) data collection system. The two technology products, SABI™ Mobile and SABI™ Field Trial System (FTS), are sold on a subscription basis.

SABI Mobile is a GPS wireless handheld unit designed to provide growers, regulators and researchers the ability to collect, observe, measure and map customizable field data, and is currently used to power the "Ag Certification Network" for the USDA. The system does not need desktop software and can work wirelessly or with Bluetooth[®] technology. Subscribers select the observation, the crop, the variety, the part and the timing, and then maps with latitude, longitude, pest information, and more can be generated, stored and shared.

SABI FTS is an offline, agronomic data collection system designed to allow growers to warehouse and analyze field trial data for crops ranging from row to horticultural to citrus. Individual field trail data entered by growers can be shared among subscribers and compared to other field trials. A subscriber selects protocol data by selecting location, year and crop (alfalfa, wheat, etc.), with the brand, products and pests then selected as part of the criteria. Additional protocol can then be added, such as planter (type, row width, seeds per acre, etc.), cost, product type, additive rates/units, temperature, weed control, soil type, tillage, weather and more. The data is shown in text format and can be mapped in chart, pie or other graphic formats.

To arrange a demonstration of the products or for more information about each product, visit www.serveon.net or call 1-800-880-9746.

Biodiesel mixtures approved for use

Agco Corp. has approved a broad range of biodiesel mixtures for its SisuDiesel engines, used in a variety of tractors, combines and windrowers. SisuDiesel has approved the use of biodiesel at rates up to 100%, depending on the model, without engine modification or any change in warranty coverage for the specified warranty period. For more information on the rates of approved biofuel usage for individual models, visit www.agco.corp.com.

Precision control for hay rake

Nikkel Iron Works will introduce the Darf AccuRake™ at the World Ag Expo in Tulare, Calif., this month. The new product enhances the Darf wheel rake, providing precise depth control of the rake tines regardless of terrain, according to the release. The new raking system will result in cleaner, higher-quality hay, and will reduce stress and wear on other

components. The new raking system will be available in spring 2007. For more information, contact Dave Van Vleet at (661) 746-4904 or visit www.nikkelironworks.com.

Welding supply catalog

Miller Electric Mfg. Co. now has available its 2007 full-line welding catalog. The full-color, 88-page catalog

provides specifications on Miller metal inert gas (MIG) welders, tungsten inert gas (TIG) welders, stick welders, plasma cutters, welding generators, welding helmets, safety gear and more. To order visit www.millerwelds.com, or write to Miller Electric Mfg. Co.; PO Box 100; Lithonia, GA 30058.

