



New Products

► Introducing products, services for cattlemen; compiled by *Linda Robbins*, assistant editor

Stable silage additive

BioZyme Inc. has developed a natural silage additive called AmaSile™ that is scientifically formulated to reduce the time required by silage to properly ferment, minimize nutrient loss and reduce spoilage by undesirable bacteria.

The additive works to preserve more nutrients and dry matter; support lactic-acid bacteria; improve anaerobic ability; lower pH; improve shelf life; and reduce heating/spoilage.

In ideal conditions, lactic-acid bacteria grow rapidly by utilizing the sugar in fresh forage. These bacteria are very efficient and quickly use the sugar to produce lactic acid. The production of lactic acid lowers pH levels of silage and protects it from unwanted microbial growth such as molds and *Listeria monocytogenes* during fermentation. AmaSile contains metabolites produced from a proprietary fermentation product, and, unlike silage inoculants, does not contain live microorganisms and therefore remains stable throughout storage and application.

According to a research trial conducted at the National Chung Hsing University in Taiwan, cows fed corn silage treated with AmaSile during the summer exhibited greater dry-matter intake, an average milk increase of 3 pounds (lb.), and increased weight gain than the control group fed untreated silage. The winter trial showed lower dry-matter intake with 3.5 lb. more milk and increased weight gain. Corn silage treated with the additive also exhibited a lower pH, a higher percentage of lactic acid, a lower percentage of acetic and butyric acids, decreased neutral detergent fiber (NDF) and acid detergent fiber (ADF), and a higher percentage of crude protein and protein fraction A, according to the trial results.

The product can be used on any forage and in any storage area, including piles, bags and pits. The recommended application is 1 ounce (oz.) per ton of treated silage. AmaSile is available in a 2.5-gallon (gal.) size, which can treat up to 320 tons.

For more information visit www.vitaferm.com/products/amasile/.

VFD documentation

Purina Animal Nutrition has selected the RxExpress™ software platform from New Planet Technologies as its tool to help meet

feed documentation requirements of the veterinary feed directive (VFD). This federal regulation mandates documentation of a veterinarian's approval to feed or distribute medicated feed-additive antibiotics that are deemed medically important to production livestock. It goes into effect Jan. 1, 2017.

Livestock producers, feed manufacturers and feed distributors are required to retain documentation of VFD orders. A turnkey software solution, RxExpress can be used to generate, distribute and store electronic VFD orders.

RxExpress runs on any computer or smart mobile device, online or offline. It can receive records from other electronic VFD systems and can convert paper VFD orders to electronic format. It streamlines order validation and tracks expiration dates. It also can generate and send non-VFD prescriptions.

For more information, contact your local Purina Animal Nutrition representative, call 1-800-227-8941 or go to www.purinamills.com.

Nutritional supplement for stressed cattle

Genex Cooperative Inc. is now marketing RumiLife™ Electrolyte M™ nutritional supplement, a ready-to-use oral electrolyte specifically formulated for mature dairy and beef cattle.

This product helps maintain normal hydration, electrolyte balance and dry-matter intake during periods of stress. Designed to drive water intake, the potassium-packed electrolyte will help cattle stay on track to beat the heat or other stress-induced situations. The product is highly palatable and includes dextrose, sucrose and lactose for added energy.

The new supplement is a versatile product.



It can be added to a drench for sick, fresh or dehydrated cows, added into a total mixed ration (TMR), top-dressed onto feed or added directly to water tanks during times of heat stress and before or after transport.

For more information, contact a Genex representative, call customer service at 1-888-333-1783 or visit <http://profitshop.crinet.com>.

Guardrail fencing

Since 2008, AllRail Inc. has led the environmental and economical mission of retasking hundreds of miles of guardrail panel in second careers as the fence of choice for erosion control, beef/dairy producers and greenhouses.



AllRail LiveStock Steel Guardrail

State department of transportation (DOT) budgets now face updated federal standards for roadside hardware, which has led some states to reincorporate their previously approved guardrail where applicable. This emerging trend inspired AllRail to produce LiveStock Steel, a guardrail designed specifically for agricultural uses, available

BOOKS & LOOKS

Partnership report

The Sustainable Agriculture Research and Education (SARE) program has released its *2015/2016 Report from the Field*. Stories include new kinds of assessments to gauge and improve soil health created by a multidisciplinary team of researchers at Cornell University; technical information from the USDA Natural Resources Conservation Service (NRCS) staff that addresses and shares conservation practices on organic farms; a group of beekeepers in Illinois that rears and markets bees that are resistant to diseases and are adapted to the local climate; and more.

The report also includes updates on funding allocations and priority activities in each of SARE's four regions. Download the report for free or order free printed copies by visiting www.sare.org/Learning-Center/SARE-Biennial-Reports.

from American Agricultural as Agriculture's Own Guardrail.

AllRail wanted to shield its customers from product shortfalls and improve handling while providing seamless integration at a better value than used highway guardrail. The new product has 200,000 feet (ft.) already deployed with unlimited availability, excellent quality and a solid price ceiling.

For more information visit <http://livestocksteel.com/agricultures-own-guardrail/>.

Extended implants

Zoetis has introduced Synovex® One Feedlot and Synovex One Grass implants that deliver up to 200 days of implant performance in feedlot and stocker steers and heifers. The unique, patented pore-forming polymer barrier on the implants extends performance without the need to

reimplant — providing twice the duration of conventional uncoated formulations.

The new implants can help producers achieve their marketing goals and provide additional operation flexibility in managing their labor resources. The new formulations can be used in both steers and heifers to simplify implant programs, reduce the need to keep an inventory of different implants for steers and heifers, and eliminate the need to train processing crews on different applicators, since all Synovex implant formulations are administered with the same S×10 precision applicator.

With the active ingredients trenbolone acetate and estradiol benzoate, the new formulations have demonstrated the following performance advantages in studies published in 2012 and 2015 in the *Journal of Animal Science*.

- ▶ Feedlot steers receiving the feedlot implant saw a 15% improvement in average daily gain (ADG) and a 9.8% improvement in feed efficiency compared to non-implanted steers.
 - ▶ Heifers receiving the feedlot implant saw a 12% increase in ADG and a 7% improvement in feed efficiency.
 - ▶ Steers receiving the grass implant had a 17.2% improvement in gain over non-implanted steers.
 - ▶ Heifers receiving the grass implant achieved an 11.3% increase in ADG.
- The company cautions that Synovex products are not to be used in veal calves. The company suggests users refer to the label for complete directions for use, precautions, and warnings. To learn more consult a company representative or visit growwithsynovex.com.

