



New Products

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

Updates to blood pregnancy test

BioTracking LLC researchers have allowed the company to update the BioPRYN® blood pregnancy test to determine the pregnancy status of livestock as early as 73 days postcalving, reducing the wait time for pregnancy diagnosis postcalving by 17 days.



BioPRYN® blood pregnancy test

When applied at 28 days or more postbreeding and 73 days postcalving, the new test is more than 99% accurate when an animal is determined to be open. The new test is now available through the company's affiliate lab network, a group of local, trained affiliate laboratories.

For more information contact Jeremy Howard at 208-882-9736 or biotracking@biotracking.com.

Improve forage yields

SFP has introduced Avail® Phosphorus Fertilizer Enhancer, a formulation designed to minimize fixation and maximize fertilizer investment. Up to 95% of the phosphorus fertilizer applied to soil is unavailable to the roots of crops due to elements like calcium, iron, aluminum and magnesium, according to the release. By shielding applied phosphorus from the elements that lock it in the soil, more of it is kept available to the growing plant. The fertilizer enhancer is available in both liquid and granular phosphorus, and leaves no environmental footprint.

For more information visit <http://sfp.com/our-products/avail>.

Increase fertilizer efficiency

SFP has introduced a product that it says shields nitrogen on a molecular level from the up to 50% loss that can occur to each application due to leaching, volatilization and denitrification. According to the release, NutriSphere-N® keeps enzymes at bay and more nitrogen in its ammonium form, resulting in more usable nitrogen to aid the health and development of the plant.

The fertilizer manager leaves no environmental footprint and is available in both dry and liquid form, giving farmers options to apply fertilizer when and how it works for them.

For more information visit <http://sfp.com/our-products/nutrisphere-n>.

Fuel-injected utility vehicle

Kubota has introduced the gas-powered RTV400Ci utility vehicle that features the agility and reliability of a mid-sized utility vehicle, but is compact enough to fit in the bed of a full-size, long-bed pickup truck. At 54.7 inches (in.) wide and 72 in. tall, the new utility vehicle has a fuel-injected 6-hp, air-cooled, single-cylinder gas engine.

The vehicle has a newly designed, continuously variable transmission with inertial clutch (CVT plus) for excellent response and reliability, while providing dynamic braking to help maintain control during descents with engine-assisted deceleration. CVT

RTV400Ci utility vehicle



Plus also features a full protection cover to minimize mud or dust intrusion to ensure longer belt life.

The vehicle features ergonomic, well-placed controls; a contoured bench seat; and a low operator platform that offers ample leg room. In addition to comfort, the company says the RTV's Standard Rollover Protection System (ROPS) meets or exceeds standards required by the Occupational Safety and Health Administration (OSHA) and the Society of Automotive Engineers (SAE).

At a maximum speed of 25 mph and weighing 1,257 pounds (lb.), the RTV can handle upward of 440 lb. or 9 cubic feet (cu. ft.) in its metal cargo box, and it can tow up to 1,102 lb., according to the release. It is available in both Kubota Orange and Realtree® Hardwoods Camouflage.

For more information call 1-888-458-2682, ext. 900, or visit www.kubota.com.

Baler-mounted hay moisture tester available

John Deere has announced that hay producers can now determine the moisture content of the hay they are baling on the go with the company's Advanced Baler-Mounted Hay Moisture Tester.

The hay moisture tester has many features, including multi-sensor technology for accurate readings displayed in 0.1% increments; large, illuminated LCD display and keypad for easy viewing day or night; and an operating moisture range of 8% to 30+%, depending on the type of baler used. It can be installed on John Deere or any brand of small square and large round baler.



Advanced Baler-Mounted Hay Moisture Tester

The hay moisture tester makes it easier to know when hay has the right moisture level for optimal baling and storage, according to the release. If moisture sensors are mounted on the right and left sides of the bale chamber for greater accuracy, the operator can see updated moisture readings every 3 seconds from the tractor seat.

The tester allows the operator to make plus or minus offset adjustments, depending on the type of hay and baling conditions, and to set high and low moisture reading limits. In addition, the unit can easily be recalibrated between bales to ensure accuracy from bale to bale.

The baler-mounted hay moisture tester is available from local dealers.

For more information, visit www.JohnDeere.com.

Step-up the adaptation response

MS Biotec has introduced Lactipro® Beef, an FDA-reviewed lactic acid-utilizing bacteria used to strategically drench feedlot cattle to speed the bovine rumen's adaptation from a roughage-type diet to a high-concentrate diet rich in starch and other rapidly fermentable carbohydrates. The company says studies have shown cattle treated with the drench reached the top ration nine days sooner, grew 20% faster and were 18% more efficient than those that reached the top ration after 21 days.

Megasphaera elsdenii is the most important lactic acid-utilizing microorganism in the rumen of cattle adapted to high-concentrate diets. The Lactipro drench contains billions of viable cells of the *Megasphaera elsdenii* strain NCIMB 41125, isolated from the rumen of cattle well-adapted to high-starch diets. The drench has a high specific growth rate in the rumen; utilizes both forms of lactic acid and converts them to volatile fatty acids (VFAs); grows well over a wide pH range, and optimally at low pH (5.5); and is not prohibited by ionophores on in-feed antibiotics typically used in feedlots.

The drench is provided in 5-liter anaerobic cartons designed for easy chuteside administration. A handheld, calibrated pneumatic application gun is supplied with the drench and connects to the

carton through a flexible hose and screw-on valve connector. The recommended application is a single 100 mL oral drench to each animal, preferably on the same day when it is transitioned from roughage to concentrate diets.

For more information contact Cale Wiehe, director of sales, at 913-221-1603, cwiehe@msbiotec.com or visit www.msbiotec.com.

Waterer that won't freeze

Franklin Industries Inc. has introduced its Model AP-8 poly waterer, an 8-ft.-long, 24½-in.-wide waterer with a height to drink of 22½ in. and an overall height of 30½ in.

The waterer is available with floating lids with heaters (one under each lid) that the company says save 80%-90% on heating costs, keep the entire unit ice-free even in subzero weather and keep water cooler in summer. The lids float freely on stainless steel rods and help retard algae growth and prevent cattle

from splashing water out of the unit,

eliminating ice build-up and mud.

The unit is also available without floating lids for inside use or in mild temperatures.



The waterer has an easily accessible valve that requires no tools and has a capacity for 300 beef cattle or 150 dairy cattle. Drains at each end make the unit easy to clean, and 12 concrete moulding points hold the waterer solidly in place.

For more information visit www.franklinwaterers.com/cattle.html.

