

New Products

Expanded probiotic line

Lallemand Animal Nutrition has announced the *Advantage Plus* brand of microbial products for livestock. This expands the Advantage line of active dry yeast (ADY) probiotic products and includes a unique yeast extract that provides consistently high levels of prebiotic properties.

The company's select and unique proprietary yeast extraction consistently supplies a high level of prebiotic components. The extract is produced with a specialized manufacturing process that encourages more branch-chain sugar molecules, peptides, B vitamins and an abundant mannoprotein matrix that is readily available for the bacterial communities within the rumen and the lower intestinal tract.

The line includes Levucell® *SCAdvantage Plus*, an ADY prebiotic yeast extract for cattle that helps optimize rumen function; ProTernative® Advantage Plus, an ADY plus a prebiotic yeast extract that helps reduce the negative effect of stress in cattle; and Levucell SC and ProTernative AdvantagePlus Titan® products, the patented micro-encapsulation technology that allows for the ADYs to

be pelletized and remain viable.

In addition to the introduction of *AdvantagePlus*, all products in the ready-to-use Advantage line are now guaranteed to be shelf-stable for up to 18 months. The company conducted extensive shelf-life testing to ensure the products remain stable and effective.

For more information, ask your nutritionist, a company representative or visit www.lallemandanimalnutrition.com.

Feeding program

Alltech has launched a new feeding program that aims to give its cattle customers a competitive advantage in the feedyard.

Epnix® stems from Alltech's nutrigenomics and epigenetics research platforms and provides a targeted nutritional approach to improving the carcass weight and performance of feedlot cattle independent of antimicrobial or beta-agonist supplementation.

The product was developed through five years of testing with accredited universities and large pen beef research institutions and has been customized to fit the specific life stages of feedlot cattle. In recent feedyard trials the



Case 521F wheel loader

company says it has seen increased carcass weight up to 14.1 pounds (lb.) and significant increases in dressed yield and ribeye area.

The program allows producers to focus on precisely meeting the nutritional needs of both their receiving and finishing cattle. A major component of the program is powered by 100% organic trace minerals through the company's total replacement technology (TRT). Recent research shows that producers can feed substantially lower amounts of organic trace minerals than the inorganic alternative and achieve similar, if not better, performance in cattle.

For more information visit www.alltech.com.

Efficient wheel loader

Case Construction Equipment has introduced the 521F wheel loader that meets federal Tier 4 Final emissions standards using selective catalytic reduction (SCR) technology. The new machine delivers 131 net peak horsepower with an FPT Tier 4 Final-certified engine that also provides quick throttle response and impressive torque. The 22,948-pound (lb.) wheel loader has a bucket breakout force of 19,303 lb. with 2.3-cubic-yard bucket capacity.

The new wheel loader features 10% greater fuel economy over wheel loaders featuring CEGR-DPF solutions. Additional fuel savings are achieved with a standard auto-idle feature that helps minimize excessive fuel burn during operator inactivity by further lowering engine RPM. Standard auto shutdown then shuts down the engine after an operator-selected length of time to further preserve fuel.

The 521F wheel loader is covered under Case ProCare — the industry's first all-in-one heavy machine support program. ProCare includes a suite of product assurances that include a three-year Advanced Case SiteWatch telematics subscription, a three-year/3,000-hour full-machine factory warranty, and a three-year/3,000-hour planned maintenance contract.

For more information please visit www.casece.com.

Hay tools

Kubota Tractor Corp. has expanded its hay offerings by bringing to market new disc mowers, disc mower conditioners, rakes and new variances in its popular round baler line.

The company's two new disc mower introductions, the DM3087 and the DM4032, come equipped with the company's fully welded cutterbar. The DM3087 is a center-suspended disc mower that is a combination of low weight and wide working width. At 3,000 lb., and with a working width measuring 28 feet (ft.) 7 inches (in.) wide, the "butterfly" formation offers ideal weight distribution. In addition, the DM3087 allows farmers to effectively cut extensive areas with a minimum of 140 PTO horsepower. The second mower introduction, the DM4032, distinguishes itself through its excellent cutting performance and its unique ability to adapt to a variety



Kubota disc mower

of terrain. The DMC8000 Series of trailed disc mower conditioners is the new DM8028R. The new DM8028R features full-width roller conditioning and the company's 3-bladed cutterbar technology designed to allow the cutterbar and conditioning unit to float separately from the main chassis, creating an outstanding ability to follow a variety of terrain. Equipped with features such as a fully welded, highly durable cutterbar; SemiSwing or chevron roller conditioners; and independent active suspension, the series offers a machine to meet a variety of environmental conditions.

The new RA2072 is the company's

most compact double-rotor center-delivery rake, and is perfect for all operations and those in need of added flexibility. Operators can work comfortably in tight fields, producing consistent windrows with hydraulically controlled working widths ranging between 20 ft. 4 in. and 23 ft. 7 in. The FarmLine double rotor, center swath rakes are engineered for professional operations and serve as

entry models into the twin-rotor segment. These rakes feature oil-immersed cam discs, guide rollers and tine bearings, helping ensure longevity and easy maintenance. All rakes in the line offer curved tine arms, to ensure a regular and even swath formation.

As a direct response to customer feedback, the company brings three new variances to its popular baler line

for 2016. New offerings include the BV4160 and BV4180 PremNet models, and the BV5160 Net model. These new variances offer a net-only binding system that ensures trouble-free and reliable operation while the efficient fork feeder makes quick work of silage, hay and straw for superb in-field performance. The BV4180 PremNet model is packed

(Continued on page 84)

New Products (from page 83)

full of premium productivity with a bale diameter of 4 ft. wide by 6 ft. high with a 79-in. pickup capacity. These balers precisely craft softer cores with stronger exteriors for better weathering. The PremNet models are compatible with all brands of nets and feature a direct

injection system for a sure start every time.

The BV5160 Net model features a bale size of 4 ft. wide by 5 ft. high with an 86-in. wide pickup capacity for fast and efficient pickup. An Intelligent Hay Density system allows the operator to

preselect between three different bale densities from inside the tractor cab. The 14-knife chopping system provides a fast and efficient flow into the baler. With a chopping length of 2.75 in., it is the ideal solution for producing dense and airtight bales.

For more information visit www.kubota.com.

Vertical and radial lift skid steers, track loader

John Deere has introduced four Final Tier 4 G-Series skid steers (312GR, 314G, 316GR, 318G) and one compact track loader (317G). These new machines were designed to level the playing field for today's rental, ag-material handling, construction and landscape customers. The five models, including three vertical and two radial-lift options, boast reliability and serviceability, and are full of customer-requested features aimed at improving operator and machine productivity and uptime, and lowering daily operating costs.



John Deere 4 G-Series skid steer

The G-Series machines feature an improvement in horsepower-to-weight ratios and an optimized boom design that enables lift heights over 10 ft. on the vertical lift models and a 20% increase in breakout forces on the radial-lift models. With the option of a radial or vertical lift, customers can now choose the system that best fits their application needs.

The new vertical-lift design on the 314G (51 hp), 318G (65 hp) and 317G (65 hp) provides excellent all-around visibility with clear sight lines both above and below the boom to enable easier grading in tight spaces, plus the low-profile rear-hood design expands rear views.

The radial-lift option used on the 312GR (51 hp) and 316GR (61 hp) offers an exclusive one-person boom lockout system for safety that can be activated from within the cab. The 316GR, 318G and 317G offer 24% more engine power and all G-Series machines provide 11% additional fuel capacity over previous models for daylong productivity and uptime.

Flexible control choices on the 316GR and 318G allow contractors to choose between standard foot and hand controls, optional hands-only controls or enhanced joystick controls that are switchable between ISO- and H-patterns.

To learn more, visit www.johndeere.com or contact your local John Deere dealer.