



# New Products

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

## Immune response boost

Sensient Bio Pharma & Savory Flavors, a unit of Sensient Flavors & Fragrances Group, part of Sensient Technologies Corp., has introduced Sensimune™, a line of well-being products for animal-nutrition markets. The products utilize proprietary yeast beta glucan technology obtained in a recent agreement with Biothera, a Minnesota-based biotechnology company.

Sensimune products boost the immune response for both livestock and companion animals. The new line is the result of an ongoing effort to deliver innovative solutions for the animal-nutrition market across multiple applications and platforms.

For more information on the company's generalized and custom products, visit [www.sensientbioingredients.com](http://www.sensientbioingredients.com).

## Tutorial for pesticide use

The DuPont Crop Protection land-management business unit has introduced the first three in a series of learning modules that address stewardship best practices to increase the efficiency and effectiveness of day-to-day herbicide, insecticide and fungicide use. The Learning Series is a set of easy-to-use, 15- to 20-minute self-directed training modules that are available online.

Three modules are currently available and cover these topics:

- Understanding Pesticide Product Labels — Learn about the purpose and importance of pesticide product labels, product label types and contents;
- Handling, Storing and Transporting Pesticides — Review product stewardship best practices related to handling pesticides, pesticide storage and transportation; and
- Mixing and Loading Pesticides and Disposing of Pesticide Containers — Receive techniques for proper pesticide mixing and loading, and procedures for disposing of pesticide containers.

DuPont Crop Protection introduced the Learning Series as part of its ongoing commitment to understand the needs of livestock producers and develop reliable solutions that help meet the challenges of a growing world in a sustainable manner.

Pesticide applicators can access the Learning Series online at

[www.landmanagement.dupont.com/stewardship](http://www.landmanagement.dupont.com/stewardship).

## National crop site registry now available

FieldWatch™ Inc. has successfully transitioned to its national version of the online DriftWatch™ specialty crop site registry for high-value, specialty crops and apiraries to a new technology platform.

The voluntary online registry allows crop producers to identify and map the location of their sensitive crops, such as tomatoes, fruit trees, grapes, vegetables and organic crops, providing a stewardship resource for applicators to consult before spraying. As part of the transition, the proprietary software and database are now hosted by a professional provider in a secure cloud environment.

Improvements to the new commercial version of the registry include updated Google Maps™ for improved utility and imagery, and the relocation of all state webpages and data onto a single server for uniformity and consistency. FieldWatch will continue to incorporate improvements in data integrity, efficiencies, processes, accuracy and ease of use as future software versions are rolled out.

Producers and applicators who are already registered users of DriftWatch will automatically be transferred into the newly expanded system without further action on their part. User interface will remain virtually the same as in the previous version. Producers and applicators from states currently in the system who are interested in joining the registry can easily complete the registration process through the DriftWatch registry at [www.driftwatch.org](http://www.driftwatch.org).

To learn more about FieldWatch and to gain access to the DriftWatch registry, please visit the new company website at [www.fieldwatch.com](http://www.fieldwatch.com).

## Utility tractor update

John Deere has updated its entire lineup of 5E Series Utility Tractors (45-100 hp). The line now includes the new 85 and 100 hp 4-cylinder tractors, which replace the previous 83, 93 and 101 hp models, and four 3-cylinder models ranging from 45 to 75 hp.

The new 5085E and 5100E feature Interim Tier 4 emissions-compliant PowerTech diesel engines with the electrohydraulic



► John Deere 5075E utility tractor

12 Forward/12 Reverse PowrReverser™ Transmission with 12 forward and 12 reverse gears, making back-and-forth chores like loader and blading work easier. With the PowrReverser transmission, the operator does not have to clutch or even slow down to go from forward to reverse.

The new cab configuration on the 55 to 75 hp 5E models creates the ideal chore tractor for customers working in colder climates or dusty conditions. In addition, a fuel-saving 540 Economy PTO comes standard on all PowrReverser-equipped models to reduce engine noise, wear and vibration when using powered implements.

All 5E models can be matched with a wide variety of John Deere and Frontier implements.

For more information on the complete line of John Deere 5E Series Tractors, visit your local John Deere dealer or visit [www.johndeere.com](http://www.johndeere.com).



► Kubota M7060

## Increased power and versatility

Kubota Tractor Corp. has introduced two new models to its premium M-60 utility ag tractor line: the M6060 and M7060. The

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deluxe M7060 12-speed transmission cab and rollover protection system (ROPS) model offers reduced engine emissions, high-capacity hydraulics, low noise and electric engagement of four-wheel-drive with the flip of a switch.

The M7060 has 71 net hp, and the 12-speed transmission provides progressive movement of the gears for increased efficiency as the operator moves through all 12 forward and 12 reverse gears. The high-capacity hydraulic flow provides 16 gallons-per-minute, increasing fuel economy with lower engine speed and lowering operational noise when working with a loader.

The M6060 is available in two- or four-wheel drive and is equipped with a Kubota V3307, a 63.5 net hp diesel engine. This model features standard wet-disc brakes. The hydraulic shuttle clutch is designed specifically to meet demanding loader work, setting this unit apart from other units on the market with a dry clutch.

Other features include an ergonomically designed console, with an added direct shift linkage and hydraulic remove levers that are positioned for easy operation. Both models are Tier IV compliant. The company's LA1154 loader, built in Georgia, is performance-matched for optimal operation with the M60-Series tractors.

Fully integrated with the tractor's design, the loader has increased visibility, and, in the power position, the loader has a maximum lift height of 117.2 in. and lift capacity (at pivot pin) of 2,928 lb.

For more information call 1-888-458-2682, ext. 900, or visit [www.kubota.com](http://www.kubota.com).

## Upgraded skid steers and compact track loaders

JCB has upgraded its lineup of 17 skid steers and compact track loaders. The 155 skid steer represents the firm's small-platform lineup, while the 225T track loader will show the latest Tier 4 final design for the large-platform range. The engine change signals a move to electrohydraulic controls for the large-platform models, which also benefit from a redesigned air filter, reduced fuel consumption, an optional electric quick-hitch and a reversing cooling fan.

The main features include up to a 9% improvement in fuel economy, electrohydraulic controls with multiple response modes, extended air cleaner service life and auto idle feature for additional fuel savings.

The new Tier 4 large platform skid steers and compact track loaders also offer an optional creep speed, allowing the operator to precisely control travel speed for easier operation of planers, trenchers and other slow-moving applications.

A reversing cooling fan is also available as an option for machines working in particularly dusty environments. The reversing cooling fan directs hot air away from the operator, cooling more efficiently and keeping engine components clean. In addition, the skid steers and compact track loaders include an auto idle feature for further fuel savings.

For further information contact Pam Veiock at [pam.veiock@jcb.com](mailto:pam.veiock@jcb.com) or visit [www.jcb.com](http://www.jcb.com).

## More-efficient wheeled loaders

JCB has launched two new wheeled loaders, the 427 and 437, offering customers increased efficiency, lower emissions and improved operator comfort. Replacing the

426 and 436, the new machines are powered by the Cummins QSB 6.7 L engine and feature a progressive clutch cut-off feature, plus optional five-speed transmission and automatic differential locking axles.

Key improvements include compliance with Tier 4 interim emissions with no requirement for a diesel particulate filter or exhaust after treatment additives; a 9.4% increase in torque on the 427 due to increased response at low engine speeds provided by the variable geometry turbocharger; smart engine efficiency features, including low idle setting (700 rpm), power and economy modes, optional idle shutdown; up to 100% traction with new automatic differential locking axles; up to 16% improvement in fuel consumption with optional five-speed transmission and lock-up converter; dramatically lower in-cab noise levels, now 68 db (A); and revised styling with full-color LCD screen, rear chassis, bodywork and counterweight.

The 427 Agri variant features a six-speed transmission with lock-up torque converter. According to the release, JCB is the only manufacturer offering this unique agriculture-specific feature.

Leading the improvements to the 106-cu.-ft. cab is a new instrument cluster with analog dials and a full-color LCD monitor complete with intuitive menu system. Also new on the 427 and 437 is the option of climate control, and customers can also specify a Grammer Actimo XXL seat option with full adjustment, heating, armrests, lumbar support, backrest extension, headrest and air suspension.

For further information contact Pam Veiock at [pam.veiock@jcb.com](mailto:pam.veiock@jcb.com) or visit [www.jcb.com](http://www.jcb.com).



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