



New Products

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

Trailed mowers

Vermeer Corp. has introduced a new series of trailed mowers designed for greater mower convenience and productivity. The TM1210 and TM1410 trailed mowers are built for the operator who needs to mow more hay in less time and wants features that can reduce the stress of operating, transporting and maintaining a large trailed mower.

While both machines maintain a 9.1-foot (ft.) transport width, the TM1210 cuts at 17.7 ft. and the TM1410 can mow up to 20.8 ft. The 10-series trailed mowers are equipped with a Q3® Cutter Bar featuring the Quick-Clip® Blade Retention System and Quick-Change™ Shear Ring that simplify changing blades and repairing sheared discs.

The patent-pending two-point Quick-Hitch can make hooking up the machine a one-person process. To achieve a high-quality



Vermeer TM1210 trailed mowers

cut, the nitrogen charged accumulator suspension system makes it easy for operators to adjust for various crops and conditions, while maintaining proper cutter-bar balance and pitch.

A three-year cutter-bar warranty gives operators peace of mind that their mower is backed by the trusted dealer network.

For more information visit www.vermeer.com.

Air hoe drill

John Deere has introduced the 76-ft. 1870 Air Hoe Drill to help small-grains and oil-seed producers plant more acres quickly and accurately. This latest addition to the 1870 Air Seeder lineup, which includes 40-ft. and 56-ft. models, incorporates many new industry-leading features designed to improve seed and fertilizer placement and increase productivity.

The 76-ft. 1870 is a five-section seeder with 12-inch (in.) row spacing compatible with 430-bushel (bu.) tow-between and 430- or 550-bu. tow-behind John Deere seed carts. It features increased frame height and 56 in. of spacing between each rank, which is nearly 20

CONTINUED ON PAGE 174

BOOKS & LOOKS

Budget spreadsheets

Texas A&M AgriLife Extension Service economists have updated crop and livestock budgets for 2016 to help farmers and ranchers plan and calculate expense and profit estimates for the current year.

On the website, producers can select the appropriate region of the state, then select 2016. The 2016 page has a list of budgets for the various crops in the region. Select the "Build Your Own Budget" link at the bottom of the page to download the spreadsheet budgets.

The crop and livestock budgets vary across the state by AgriLife Extension district.

Crop budgets include canola; corn; cotton; grapefruit; hay, including alfalfa, coastal, sorghum, grazing (coastal, small grain, Sudan grass); malting barley; oats; melons; oranges; peaches; peanuts; pecans; rice; sesame and silage, including corn, sorghum, triticale, soybeans, sugarcane, sunflowers, vegetables and wheat.

Livestock spreadsheets are available for cow-calf, sheep and goat, and summer or winter stocker calf operations.

The budgets are available in spreadsheet format at <http://bit.ly/1TZd7wA>.

Project tips site

John Deere and Frontier Equipment have launched <http://TipsNotebook.com>, a convenient, one-stop source for how-do-I-do-that questions. The site launched with more than 45 how-to articles and videos on a variety of topics.

According to the release, TipsNotebook grew out of conversations with customers about what information they really wanted when working with their equipment. Tips and ideas about ways to maintain and improve property and get the most out of their equipment were clearly at the top of their list.

Overall, it's a resource that gives property owners the confidence to take on new projects. For more information contact a local dealer or visit the website at <http://TipsNotebook.com>.

Calculation apps

The Samuel Roberts Noble Foundation has released a new app called "Ag Tools." The app will provide agricultural producers and land managers with calculators and utilities to help crunch numbers and gain information

when making management decisions. Calculation topics include beef cattle, grazing, wildlife and fisheries, pecan trees, sprayer calibration, and fertilization.

"We wanted to create an app that would provide more information for farmers and ranchers, giving them the ability to make better-informed management decisions out in the field," said Bryan Nichols, Noble Foundation livestock consultant. "We chose the calculators that best fit the common situations producers encounter on a daily basis."

Calculators currently available in the app are body condition score change, breeding season, calving season, frame score, lime application, pond fish stocking, Pearson square ration balancing, and value of gain. More calculators will be added in the future.

The app is available for free download through the Apple and Android app stores. The calculators are also available in a desktop version online at www.noble.org/ag/tools.



NEW PRODUCTS

CONTINUED FROM PAGE 172

in. more space compared to other seeders, to help move residue through without clogging.

The 1910 Air Carts have been updated to add even more productivity to the 1870 Air Seeder system. They feature a new AirPower 2 Dual fan option that delivers up to 550 pounds (lb.) of total product per acre across the full width of the air seeder, using two independently controlled fans. The large, cast-aluminum design and increased fan size allow higher-capacity performance, especially when operating on slopes or hilly terrain.

Another exclusive standard feature to the 76-ft. model is the TruSet™ depth and pressure control. TruSet lets the operator monitor, set and adjust trip force and packing pressure from the tractor cab. TruSet also makes side-to-side frame leveling easier. Controlled through the GreenStar 2630 display, operators can set target seeding depth and adjust on-the-go, saving time and making it easier to fine-tune settings due to changes in field and soil conditions.

For improved seed and fertilizer placement, the 1870 has independent hydraulic controls and state-of-the-art openers for consistent seed placement and fertilizer separation. Fertilizer can be banded

6 in. deep, and seed tubes can be adjusted in ¼-in. increments. A new cam lever on each opener makes it easier for the operator to adjust seed depth across the entire seeder.

To make transport easier, John Deere has included a “bump up” and “duck down” feature that allows customers to increase ground clearance by 4 in. to clear obstacles like railroad tracks and duck down by 6 in. to clear low-hanging power lines or overpasses. To help speed planting and headland turns, full-rise of the seeder has been optimized to seven and one-half seconds.

For more information contact your local dealer or visit www.johndeere.com/ag.

Silage-focused balers

Vermeer Corp. has added two new models to its Pro line of silage-focused balers. The additions include the next generation 504 Pro baler and the all-new 604 Pro baler, both of which are designed for operators who need the durability required for silage baling, while maintaining the flexibility to put up high-quality dry bales.

The Pro balers have quickly earned a positive reputation for baling wet or dry hay in extremely dense packages. The launch of the 604 Pro will now allow operators to have a baler that can perform Pro functions while making larger dry bales or smaller wet bales.



Vermeer 604 Pro baler

Each baler is equipped with a camless wide pickup that requires no cam tracks or follower bearings, helping to reduce the maintenance required. Four endless belts eliminate lace maintenance to help increase longevity, and large float tires are available for smoother handling on rough terrain.

For more information visit www.vermeer.com.

Camless wide pickup baler

Gary Vermeer's philosophy for success was simple: Find a need and fill that need with a product built to last. In 1971 he introduced the “One-Man Hay System” to help farmers and ranchers put up hay more efficiently. Building upon that legacy, Vermeer Corp.

CONTINUED ON PAGE 176

NEW PRODUCTS

CONTINUED FROM PAGE 174

is introducing the workingman's baler, the 504R Signature. A 5 × 4 camless wide pickup baler built upon the three signature pillars of Vermeer balers — durability, convenience and ease of use.

Designed with the durability customers have come to expect from Vermeer, the 504R Signature's camless wide pickup is backed by a three-year warranty. Additionally, the baler offers 80 main drive chains, and stronger bearings, load ratings and torque power.

For more information visit www.vermeer.com.

Accurate row guidance

Two new AutoTrac products are available from John Deere to work more quickly, cover



John Deere AutoTrac RowSense

more acres, more accurately navigate row-crop fields and reduce run-over damage to crops when making postemergence sprayer applications.

New AutoTrac Vision uses a monocular camera mounted on the front of the sprayer to detect crop rows and to steer the vehicle between the rows for early-season postemergence applications. It is currently

approved for use in corn, soybeans and cotton planted in 30-in. rows starting when the crop is at least 6 in. tall. It can be used until there is at least 3 in. of soil showing between rows or up to 90% canopy closure.

AutoTrac RowSense uses a sensor paddle mounted on the sprayer wheel to detect crop rows and to help steer the machine down the center of the row. Designed to be used later in the growing season, RowSense is currently approved for use in corn at least 4 feet (ft.) tall planted in 30-in. rows.

Both systems are available as field-installed kits on currently operating machines or from the factory on new John Deere R4023, R4030, R4038 and R4045 sprayers. A GS3 AutoTrac RowSense activation is required.

For more information contact your local dealer or visit www.johndeere.com/ag.

