



New Products

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

Pregnancy test offers fast results

Biotracking LLC has announced its new accelerated-results blood pregnancy test for cattle, BioPRYNQK. BioPRYN “Quick” combines the accurate pregnancy detection of the company’s regular test with next-day results, but offers same-day results.

Just as with the original test, drawn blood samples are sent to the company’s laboratory or any affiliate lab for processing. If a producer wishes to have same-day results, they can now choose the quick option, though at a slightly higher cost. Results will be provided by telephone, e-mail or fax, depending on the sender’s preference. The company has more than 20 affiliate laboratories.

For more information call 208-882-9736.

Next generation grinder-mixer

Art’s Way Manufacturing Inc. has announced the Model 6520 Grinder Mixer featuring a 165-bushel (bu.)-capacity tank; fully self-contained hydraulics; discharge augers driven by hydraulic orbit motors; high-capacity, 10-inch (in.)-diameter hydraulic-driven discharge system, eliminating bevel gears; a remote control



► Model 6520 Grinder Mixer

system for auger positioning, tank discharge and operation of the grinder mixer; and double hammers in the hammermill for a more consistent grind and less power requirements.

The size of the tank and the remote control capability lets the 6520 unload 50% faster than any other grinder on the market, according to the release.

For more information contact Jim Drewitz at 830-669-2466, e-mail jdrewitz@comcast.net or visit www.artsway-mfg.com.

Clearance sprayer

Hagie Manufacturing Co., Clarion, Iowa, has introduced the STX10 self-propelled high-clearance sprayer with a new design that allows the engine, located at the back of the machine, to take air in through the top of the hood, preventing the buildup of trash that reduces airflow and keeping the engine cool during late-season applications. The new design locates the pivot under the cab rather than the boom transom, reducing the number of moving parts on the booms.

The new boom design that integrates a routing channel in the upper boom support, reducing the amount of hoses and wires and increasing visibility. The machine is equipped with a 240-horsepower (hp) 6.7-liter (L) Cummins diesel engine and uses a Sauer-Danfoss H1 series hydrostatic twin pump to supply the power to the full-time four-wheel drive system.

The new machine will be available for the 2011 model year in limited production, with full production scheduled for 2012.

For more information on the new sprayer visit www.hagie.com.

Baler that requires less horsepower

Vermeer Corp. has introduced the Rancher 664 (pronounced sixty-six four for its bale diameter and width), designed for user-friendly operation, sensible budgets and “right-sized” for big bale performance, according to the release.

The company says the new baler fills a niche that many cow-calf producers were asking for — the ability to produce bigger bales with a “right-sized” baler that requires less hp. Minimum tractor hp is 50 hp (37 kW); 70 hp (52 kW) is recommended. The baler can produce high-density round bales 47 in. wide (119 cm), up to 66 in. in diameter (168 cm), and up to 1,450 pounds (lb.) (657 kg), dependent on crop.

The new baler comes with a tested five-bar pickup, heavy-duty steel drive rollers to help maintain belt tension, hardened belt guides to keep belts in line, and a single hydraulic control to adjust bale density.

Additional features include four-ball



► Rancher 664 baler

twine storage, highway light assembly, SMV sign and HaySaver Wheels. Options include work lights, moisture sensing, chain oiler, hydraulic pick-up lift, fire extinguisher, spring-loaded bale ramps, and extended warranty.

For more information contact Phil Chrisman at 1-800-370-3659 or visit www.vermeer.com.

Heavy-duty trailed mower

Vermeer has introduced the heavy-duty TM850 trailed mower with the ability to mow a high volume of acres, a new design, a patent-pending hydraulic suspension system and a three-year cutterbar warranty.

The new mower offers a molded hood that lifts up out of the way for full access to the cutterbar for routine service and maintenance, and to minimize debris build-up. The TM850 has a patent-pending self-aligning driveline system for smooth operation in all tongue positions to closely follow ground contours and pivot up and over hidden obstacles for excellent cutting. No tools are needed in the field to make suspension setting changes.

Cutting height is adjustable from 1.25 in. to 3 in. (3.2 cm-7.6 cm). Hydraulic cutterbar pitch control (from 0° to 6°) sets cutting



► TM850 Trailed Mower

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height and allows the operator to adjust for different crops and conditions without the use of tools.

Tractor hook-up is as easy as the drop of a pin to quickly move from the farm to the field with no three-point arm attachment connected. A 50-hour extended lube driveline is included. The 2,420-lb. unit (1,097.7 kg) requires a 540-rpm drive system with minimum drawbar hp of 60 (44.7 kW). Hydraulic requirements include two pair of auxiliary remote outlets.

For more information contact Phil Chrisman at 641-621-3141 or visit www.vermeer.com.

Carted wheel rake with expanded capacity

The VR1224 Carted WheelRake is now available from Vermeer. This 12-wheel model expands the VR series rake lines to include three models — 8-wheel, 10-wheel and 12-wheel. Rake widths are easily adjustable and range from 20 ft. minimum (6.1 m) to 24 ft. 5 in. maximum (7.4 m) to accommodate different swaths or mower windrow widths.

The telescoping toolbar provides excellent tire clearance in all rake width settings, and the channel tongue comes with adjustable hitch heights. The VR1224 can also be switched to work as a single-sided rake — with left- or right-side configurations — for turning windrows. Narrow width and flat folding rake wheels provide fast and easy transport, according to the release.

For more information contact Phil Chrisman at 641-621-3141 or visit www.vermeer.com.

Biological control of fungi on peanuts and corn

Afla-Guard®, a biological control used to thwart the growth of fungi on peanuts, can be used on corn, according to a study by U.S. Department of Agriculture (USDA) scientists. After extensive study and research trials in Texas, Afla-Guard was registered by the U.S. Environmental Protection Agency (EPA) for use on corn, beginning with the 2009 crop. It was originally developed as a biological control for the aflatoxin-producing fungi *Aspergillus flavus* and *A. parasiticus* in peanuts.

With financial support from the USDA Foreign Agricultural Service, the United States Agency for International Development, and the Agricultural Research Service (ARS) Office of International Programs, a collaborative breeding program was established with the International Institute of Tropical Agriculture in Ibadan, Nigeria, which recently released six aflatoxin-resistant corn lines. These lines, the product of up to 10 generations of selection and inbreeding, have passed quarantine and are now available in the United States from the ARS North Central

Regional Plant Introduction Station (NCRPIS), Ames, Iowa.

Military-inspired camouflage welding helmet

Miller Electric Manufacturing Co. has introduced the Digital Camo design to its line of Digital Elite™ Series welding helmets.

The new helmet weighs just 18 ounces (oz.), has the same digital controls for shade, sensitivity and delay preferences for various applications, including welding, cutting, grinding and X-Mode, and allows users to quickly switch between the four modes while retaining the user's shade preference for each.

For more information visit www.millerwelds.com, call 1-800-426-4553 or e-mail info@millerwelds.com.



► Digital Camo welding helmet

Farm Works offers three new products

Farm Works Information Management, a division of Trimble, has announced three products for growers and agribusinesses.

Farm Works® Mobile streamlines data management in the field by bundling recordkeeping, scouting, soil sampling and variable-rate application into one. Field records include application dates, hybrid locations, field and weather conditions, scale tickets and notes. In addition, users can take advantage of GPS to record soil sampling positions (by grid or zone) and easily navigate to any spot using a 3-D display.

Farm Works View, an addition to the Farm Works office suite, is a free software program designed to read and write data from popular farming devices. Display and print yield maps, coverage maps, guidance paths and more. The product can easily be upgraded to other company software solutions for additional functionality in mapping, field records, accounting, herd management, analysis and water management.

Farm Works 2011 is the latest version of Farm Works office suite, with automatic display of roads and streets for any location in the world; automated seed variety layer that includes the ability to track split planting information; and full support of formula-based variable rate prescription maps.

Contact the company at 1-800-225-2848 for more information.

