



New Products

► Introducing products, services for cattlemen

Secure footing

Double D Family Mat Shop offers cattle mats, trailer mats and horse mats that the company says will virtually stop livestock from slipping.

The cattle mat is made of steel-belted tire treads woven together in a pattern and fastened with stainless steel bolts, nuts and washers. The woven pattern catches animals' hooves and keeps their legs from going out from under them. Since the first jump or leap out of the processing chute can be the most dangerous, the release states, the cattle mat has a calming effect and slows the animal's exit from running to walking.

The trailer mats are made from new 7-inch (in.)-wide, three-ply belting and stainless steel bolts. Though the trailer mats are designed for use in aluminum trailers, they can be used in any type of trailer and weigh half as much as the cattle mats. They are made in the same woven pattern as the tire mats and come in 6 foot (ft.) × 6 ft. and 4 ft. × 6 ft. sizes, or the company will custom build any size. For more information or to order, call 1-888-377-2879 or visit www.ddfamilymats.net.

New injection site

Pfizer Animal Health announces FDA approval of a new injection site for Excede[®] (*ceftiofur crystalline free acid*) sterile suspension for treatment of bovine respiratory disease (BRD). Beef producers now have the option of administering the drug subcutaneously (sub-Q) at the previously approved middle one-third of the



► Pfizer Animal Health notes that administration of Excede[®] in the middle one-third of the ear is a management practice that contributes to Beef Quality Assurance (BQA) standards.

posterior aspect of the ear, or at the new base of the ear injection site.

According to the company, the new injection site provides a safe and convenient alternative route of administration and accommodates the volume of injection that is appropriate for larger cattle. It also provides seven days of therapeutic blood concentration with a single injection, offering a full course of antibiotic therapy against the three major BRD pathogens, *Mannheimia haemolytica*, *Pasteurella multocida* and *Histophilus somni*.

The company notes that administration of the antibiotic in the middle one-third of the ear is a management practice that contributes to Beef Quality Assurance (BQA) standards. The new claim has a 13-day preharvest withdrawal period for both beef and dairy cattle. Contact a company representative or your veterinarian with questions, or visit www.excede.com.

Cattle health documentation

Pfizer Animal Health announces a partnership with AgInfoLink to offer age and source verification along with the Pfizer SelectVAC[®] program. Announced in July, SelectVAC will allow producers to market their calves to a wide range of buyers, raise calves that can fit export verification standards, and protect the confidentiality of herd data.

SelectVAC consists of vaccination and management practices to prepare calves for weaning and shipping, helping ensure delivery of high-health cattle to buyers. Now cattle can also be age- and source-verified through AgInfoLink's U.S. Department of Agriculture (USDA)-approved Process Verification Program (PVP). Based on International Organization for Standardization (ISO) 9000 standards, the PVP verifies age and source and provides auditing to ensure confidence and to enable compliance with beef export requirements.

AgInfoLink received USDA approval for its PVP program in 2005.

New label claims

Dow AgroSciences has amended the label for Tracer[®] Naturalyte[®] insecticide to include a claim that it prevents armyworms from damaging pastures, rangeland, or grasses

grown for forage or seed. The product offers a three-way mode of activity — by contact, by ingestion and through ovicidal-like activity — with residual control for five to seven days.

According to the company, Tracer is highly effective against armyworms, but does not disrupt populations of most beneficial insects. Treatment should be targeted when eggs are at the hatching point or small larvae are present. Growers should treat using a rate of 1-2 fluid ounces (fl. oz.) per acre.

The product should not be applied more than three times in a 21-day period, and no more than 6 fl. oz. per acre should be used per season. A 21-day waiting period on further applications is required if applied three times in succession. Cattle may graze in treated areas after the spray has dried. While there is no preharvest interval for forage, hay or fodder cannot be harvested until three days after treatment.

To learn more visit www.TracerNaturalyte.com.



New scales

Avery Weigh-Tronix Inc. has a new family of indicators for agribusiness weighing applications. The 640 Series includes three programmable models including the 640 for a wide variety of general applications, the 640XL with a 2-inch (in.) display, and the miniature 640M that is 72% smaller and will fit where space is limited, such as in a truck or tractor cab. The series offers the indication of gross and net weights along with a tare function that allows for the temporary zeroing of a scale at the push of a button. The green-yellow display features 10 adjustable brightness levels.

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Data is stored in more than 100 memory accumulation channels that can be set to display in alpha or numeric symbols and for manual or automatic accumulation, with standard G/T/N printouts available for transfer to a computer, printer or transfer data system with an optional RS-232 bidirectional serial port. According to the release, the indicators can easily be integrated with other agribusiness weighing equipment, including Total Mix Ration (TMR) mixers, livestock scales, grain carts, platform and truck scales, and weigh carts or seed tenders.

The indicators have many built-in features, with some models plugging directly into weigh bars or load cells without the use of a junction box and some with wireless capability when used with an optional full remote control. For the nearest Avery Weigh-Tronix equipment supplier, call 1-877-888-1646 or visit www.agscales.com.

Wireless data monitoring

Livestock breeders seeking easy-to-use tools for USDA compliance and to control environments in livestock facilities can now obtain Dickson Co.'s wireless data loggers for temperature and humidity monitoring. The data loggers create a monitoring network on a PC with software that can be installed in minutes, eliminating manual data downloading, wiring installation costs and location constraints by using a wireless connection to USB ports and sending alarm notifications to the operating PC. Additional product information can be found at www.dicksonweb.com, by phoning customer service at (630) 543-3747 or by writing to Dickson, 930 South Westwood Ave., Addison, IL 60101.

New ultrasound scanners

ECM now offers five new portable ultrasound scanning devices sold under the name Agrosan, which the company says are light, compact and easy to use. The devices, designed for veterinary use to monitor gestation and diagnose reproduction in large animals such as sheep, cows, sows, goats and mares, are the only ones to allow the use of sector and linear probes, according to the release.

The company claims the high-resolution scans can detect non-gestating animals after insemination in 13 days in mares, 18 days in sows and 25 days in cows. The company provides training in how to read ultrasound images and operate probes for new users, with each of the more than 50 countries the

company serves having its own after-sales service. More information about the scanners is available at www.agroscan.com.

Tractor news

AGCO Corp. introduces the Challenger® MT300B utility tractor in four models ranging from 45 to 75 power-take-off horsepower (PTO hp) in 10-hp increments, which the company says can be used for general agricultural, industrial and loader applications, as well as bat-wing and light boom-type mowing.

According to the release, all of the tractors in the series have standard features not commonly found on machines of their size including electro-hydraulic engagement of both the differential lock and the power front axle; a 16-gallon (gal.)-per-minute hydraulic pump with two remote valves; a suspended operator platform; a Category I/II three-point hitch with a lift capacity of 5,500 pounds (lb.) at the ball ends; and a 29-gal. fuel tank.

There are farm, turf and R-4 industrial tire choices available in various sizes, two

optional mid-mounted remote valves and a joystick, and an optional third rear remote for loader control. The tractors have power shuttle transmissions that provide push-button shifting. When depressed during gearshifts, a button on the shift handle electronically declutches the transmission for synchronized shifting without having to depress the clutch pedal. To learn more visit www.challengerag.com.

A new line of Massey Ferguson® utility tractors has also been introduced by AGCO Corp. The 500 Series includes seven new models that range in size from 44 PTO hp to 85 PTO hp. The new models feature high-torque Perkins® diesel engines and a wider platform for more operator room and comfort. A new, improved cab has more window glass for all-around visibility and built-in HVAC controls in the headliner for easy reach. All 500 Series tractors feature hydrostatic steering and adjustable, spring-suspension operator seats.

The series has several transmission options, including an 8×2 sliding gear transmission with eight forward speeds, two reverse speeds, two slow gears, four fieldwork speeds and two transport gears. An 8×8 synchronized shuttle transmission has the

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New books available

- ▶ **Lallemand Animal Nutrition** has released its new *Key Silage Management Topics handbook*, which contains information for cutting and harvesting silage, silage inoculants, silage troubleshooting and silage management. The handbook is designed as a resource to help producers maximize the value of their forage by providing the latest research findings for bag, tower, bunker and pile storage and maintenance. The handbook also covers aerobic stability, molds and mycotoxins, and reviews inoculant types and proper usage. Information on obtaining a free copy of the handbook and the latest advice on all stages of silage maintenance can be found on the company's new Web site, www.QualitySilage.com.
- ▶ **Storey Publishing** has released its latest title, *Grass-Fed Cattle*, written by Julius Ruechel to provide producers with the practical knowledge they need to create a profitable, financially stable and environmentally sustainable business in natural, grass-based beef production. The 348-page guide covers herd selection, breeding, cultivating and maintaining healthy soil and grass, rotational grazing, controlling pests and disease, winter grazing, watering, electric fencing and low-stress handling. In addition to raising and caring for cattle, Ruechel discusses niche marketing opportunities, financial planning and recordkeeping, and scheduling the buying and selling of cattle for the greatest profit. A workbook section is included for either newcomers to the business or current producers to use to establish a grass-fed operation or to transition to one. For a copy of the book, call (413) 346-2100 or go to www.storey.com.
- ▶ **The Lincoln Electric Co.** has published the *GMAW* (gas metal arc welding) *Welding Guide*, a 96-page handbook that focuses on what is often referred to as MIG welding. Though the MIG process has existed for 60 years, research and development continue to provide improvements and higher-quality results. The guide provides consumers with an in-depth look at the MIG welding process and its applications, along with technical data and direction, a glossary of related welding terms and a discussion of proper arc welding safety precautions. To receive a copy call (216) 481-8100 and request Bulletin C4.200 or visit www.lincolnelectric.com to view and download the handbook.

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shuttle lever located on the left inside of the steering column, while cab models and two platform models have a 12×4 partially synchronized transmission with four slow gears, five fieldwork speeds and three transport gears. Four of the series models are available with a factory-installed creeper option, offering extra-slow ground speeds for jobs such as transplanting, livestock feeding and vegetable harvesting.

The hydraulic system in the 500 Series tractors has a lift capacity for Category I and II three-point hitches of up to 4,200 lb. on larger models, with hitch controls that give the operator precise control of draft, depth and implement position. Four-wheel-drive and two-wheel-drive choices and low-profile models are available. Each of the series tractors can also be equipped with a custom-designed loader, which can be mounted on the tractor with the Quick-Attach system. Visit www.masseyferguson.com for more details on the new line of tractors.



New narrow header

New Holland, a brand of CNH Global, introduces a narrower header for the HW "5 Series" Speedrower™ self-propelled windrowers. The 10-disc 2353 Discbine®

disc header delivers a 13-ft. cutting width, which the company claims will make it easier to maneuver in smaller fields and on tight roadways and lanes, and will be advantageous for haymakers working in climates where high relative humidity makes drydown difficult. For fast drydown, the header features 102-in. chevron-design, intermeshing rubber rolls. The torsion-bar system maintains constant roll pressure for consistent conditioning, yet releases to allow slugs of heavy material to pass through.

According to the release, a patented, independent modular disc cutterbar provides fast and inexpensive servicing, while the knives on the cutterbar travel at 3,000 rotations per minute (rpm) to slice through thick, wet crops; fire ant hills; or gopher mounds and are reversible for twice the cutting life. An operator can adjust conditioning roll pressure with a simple hand crank. Adjustment of the roll gap requires just one wrench and is performed from the top side of the header. More information is available at your local New Holland dealer or visit www.newholland.com/na.

Welding products, more welding horsepower

Miller Electric Mfg. Co.'s BobcatT and Trailblazer® welder/generators are now available with a 23-hp gas engine option, making them the strongest in their class, according to the company's release. The additional horsepower provides stronger welding output for running larger diameter wires and stronger generator power for sudden, heavier loads such as motor starting or plasma cutting. Both models provide multi-process welding capability (MIG, FCAW, Stick, TIG) with simultaneous generator and welding capabilities. The Trailblazer models have separate generators

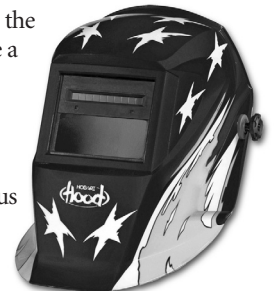
for welding and auxiliary power so neither circuit affects the other. The additional horsepower comes without an increase in price.

The diesel models now feature a low-fuel shutdown, which shuts down the engine before the fuel is gone, eliminating the need for priming the engine; and an oil change interval display, which displays the number of hours until the next oil change is due. Other added displays include an engine rpm display that eliminates the need for a separate tachometer as a service or diagnostic tool, and an hour meter, which tracks engine hours. All models now have 12-gal. fuel tanks and high-impact protective armor with covers to protect them on the job site and during transport.

The engine manufacturers separately warrant the engines, while all other components are covered by Miller's True-Blue® three-year factory warranty. For more information or to download a product spec sheet call 1-800-426-4553; fax 1-877-327-8132; write to Miller Electric Mfg. Co., P.O. Box 100, Lithonia, GA 30058; or visit www.millerwelds.com.

Welding helmets

Hobart Welding Products has launched its XTP Professional Series of auto-darkening welding helmets with two new designs known as the Patriot and Red Rivet. All the XTP helmets have a 3.81×1.85-in. viewing area with two independent arc sensors that provide continuous arc-sensing capability. The helmets darken in 1/16,000 of a second after arc start and feature internally adjustable auto-darkening shade (#9-13), lens sensitivity and delay controls. Other features include a solar-assisted, auto-darkening lens and an easy-to-replace lithium battery with a long life of 2,000 hours on MIG welding with no recharging required. Both helmets come with five external and two internal protective lens covers and ratchet-style headgear that adjusts for size and features a CoolMax® odor-absorbing sweatband.



All the company's auto-darkening helmets meet American National Standards Institute (ANSI) Z87.1-2003, CSA, and CE safety standards. The helmets are lightweight at 1 lb., durable and covered by a two-year warranty. For a detailed spec sheet or free literature call 1-877-462-2781 or visit www.HobartWelders.com.