



New Products

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

Advertising DNA-profiled cattle for sale

Igenity® — a division of Merial — and Global Animal Management (GAM) have announced that customers of Igenity can now post information about upcoming sales on www.cattlepost.com, giving buyers access to information about sales featuring cattle profiled with Igenity — all in one place, free of charge.

The companies intend to provide a place where commercial producers who want to buy cattle with all the information available can connect with seedstock producers who are providing comprehensive profiles on their sale cattle.

To post information, Igenity customers can log in with the same username and password they use for the company website. Angus breeders who have genomic-enhanced expected progeny differences (EPDs) from Angus Genetics Inc.® (AGI) and Igenity can log into the site with their AGI barcode number and ZIP code.

Customers of GAM have already used CattlePost.com to market their Tri-Merit® cattle, the company's USDA process-verified program (PVP) approved for source and age verification and as a data service provider. Tri-Merit is also an approved animal tracking database (ATD) for National Animal Identification System (NAIS) and is country-of-origin (COOL) compliant.

For more information Igenity customers can call 1-877-443-6489 or visit www.igenity.com/beef. For more information about GAM or Tri-Merit, customers can call 1-800-235-9824 or visit www.tri-merit.com.

First reusable bio-chip

Fluidigm Corp. recently announced it has developed the world's first reusable bio-chip architecture for the commercial market. These reusable integrated fluidic circuits (IFCs) will dramatically lower single nucleotide polymorphism (SNP) genotyping costs and are designed to support accelerated sample throughput, while maintaining data quality of 99.75% or greater accuracy and 99% or greater call rates.

Fluidigm initially invented this architecture to support a progressive new program driven by the Agricultural Research Service (ARS), the chief scientific research agency of the U.S. Department of Agriculture (USDA). The program's goal is

to drive high sample throughput genotyping down to a penny-per-data-point, which would enable widespread adoption of genetic analysis in vegetable and fruit seeds, livestock (cattle, pigs, sheep, poultry, etc.) and fishery management. This will significantly improve the quality and quantity of the food supply, while lowering production costs. Achieving that type of cost structure will allow the company to determine parentage and traceability information for under a dollar per animal.

The company has also recently introduced an ultra-fast thermal cycler — the FC1™ Cycler — and is adding a new IFC controller designed to support reusable chips. Initially, the reuse family of products will include chips, a new controller, the FC1 Cycler and either the EP1™ Reader or BioMark™ System. A new chip and instrument will be announced imminently to start high-sample throughput genotyping customers down the reusable path.

For more information, please visit www.fluidigm.com.

Combination treatment for BRD

Intervet/Schering-Plough Animal Health has announced that Resflor Gold® has been approved by the Food and Drug Administration (FDA) for the treatment of bovine respiratory disease (BRD) associated with four major bovine respiratory pathogens, including *Mannheimia haemolytica*, *Pasteurella multocida*, *Histophilus somni*, and, now, *Mycoplasma bovis*. *Mycoplasma bovis* is an often-overlooked pathogen causing BRD, mastitis and arthritis in cattle.

Resflor Gold is the only medication on the U.S. market that combines the antibiotic florfenicol (active ingredient in Nuflor Gold®) and the non-steroidal anti-inflammatory drug (NSAID) flunixin meglumine (active ingredient in Banamine®) into one convenient dose for treatment of BRD. The combination drug allows for the treatment of adverse effects of BRD while helping to eliminate the cause of the disease.

The drug is available by prescription only. For more information, visit www.resflorgold.com.



▶ "The Bull" mobile power takeoff (PTO) power source.

Mobile power source

Premier Power LLC, Alden, Iowa, has introduced a mobile power takeoff (PTO) power source they call "The Bull."

Designed for farm operations needing the flexibility of an efficient PTO power source in multiple locations, the unit features a compact, four-wheel, trailered power unit with a Tier III engine that can be used to operate PTO-powered equipment at a lower engine RPM, providing tractor-free PTO power at significantly lower fuel costs, according to the release.

The unit can be pulled behind a pickup or SUV, eliminating the need to operate equipment using tractors, which are more difficult to move quickly between one location and another. The unit also offers better mobility and reduced wear on more expensive tractors.

The unit can power equipment such as manure pumps, generators and grain vacs in places where they may need to be operating for hours at a time. According to the company's testing, using the portable unit can save up to 3 gallons (gal.) of fuel per hour compared to a tractor.

"The Bull" is available in two different models, the P150, which features dual output PTO (540 or 1,000 RPM), two hydraulic quick-coupler remotes and a 195-gal. tank; and the PX150, which also includes a Category I and Category II adjustable 3-point hitch, hydraulic leveling outriggers for stability in uneven terrain, a tool storage compartment and a 175-gal. tank.

For more information contact Justin Jordahl at 515-859-7025 or visit www.pullthebull.com.

