

Learn The 'How And Why' Of Sheep Pregnancy Diagnosis

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Lititz

In the past, diagnosis of pregnancy in sheep was more of an art than science. Most methods proved to be either inaccurate, impractical, or were cost- or time-prohibitive. With the availability of real-time ultrasound, early pregnancy diagnosis in sheep is both accurate and an economically valuable management tool.

Using transabdominal ultrasound, pregnancy can be diagnosed in sheep as early as 30 days of gestation. Visualization of the fetus(es) is most accurate between 45 and 100 days of gestation.

However, the ideal time to count the number of fetuses is between 45 and 75 days of gesta-

tion, which is important for management considerations. Pregnancy can still be diagnosed after 100 days but fetal size is too large to allow distinction of multiple fetuses.

Accuracy of pregnancy diagnosis in sheep is in the range of 97-100 percent with an experienced ultrasound operator. Economically, early diagnosis of pregnancy in sheep can help save on feed costs and allow for better management of ewes with multiple fetuses.

Open ewes can be either rebred or culled early in the season to help reduce feed costs. Animals with one or multiple fetuses can be separated to better utilize feed and decrease neonatal losses. This is

important since ewes with multiple fetuses require approximately 50 percent more feed to produce healthy lambs.

Overfeeding ewes with single fetuses or underfeeding ewes with multiple fetuses can result in over- or under-conditioned ewes and the threat of pregnancy toxemia. Also, ewes carrying multiple fetuses can be confined and watched more carefully at lambing time which results in decreased losses at lambing.

Pathologic conditions such as dead or mummified fetuses or the presence of fluid in the uterus without a fetus (pyometra, hydrometra) can often be diagnosed with ultrasound imaging. Transabdominal ultrasound is a non-

invasive method of pregnancy testing and does not threaten the viability of the fetus(es).

Ultrasound pregnancy diagno-

sis in sheep can be an important tool in the reproductive management of your sheep flock for profit. It can also be used similarly in goats.

Simmental Convention Set For Jackson

BOZEMAN, Mont.—The American Simmental Association (ASA) will conduct its 28th Annual Meeting and Convention in Jackson, Miss., on Feb. 10.

It will be held in conjunction with Simmental cattle activities at the prestigious Dixie National Livestock Show.

"We want to invite all interested ASA members to attend," said ASA Executive Vice President Brian G. Kitchen. "There are several important issues to be discussed during the meeting, and there is also a full schedule of Simmental and Simbrah cattle activities at the Dixie National Show. We are very grateful to the Mississippi Simmental/Simbrah Association (ASA) for their hospitality."

Most convention proceedings, including the annual business

meeting, will take place on Feb. 10. The schedule will conclude with an awards breakfast on Sunday morning, Feb. 11.

All cattle activities are planned and coordinated under the supervision and direction of the MSSA. The Junior Show is scheduled for Feb. 7, and the sale will be held Feb. 11. The Open Simmental and Simbrah shows will be held Feb. 12.

The Ramada Coliseum, located at 400 Greymont Avenue, serves as convention headquarters. Rooms may be reserved by telephoning (601) 969-2141 and referring to the ASA room block.

It will be the second time that ASA has held its annual convention in Jackson. The 1978 meeting was also held there.

Additional convention information may be obtained by calling ASA at (406) 587-4531.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

NOVEMBER

SAT. NOV. 25 - 9AM Antiques, elect. organ, collectibles & household goods. Estate of Ruth H. Blizzard, 17 Kemper Ave. in the city of Westminster, Md. Calvin L. Amoss, auct.

TUES. NOV. 28 - 11AM Christmas Tree & Greens Auction. Kutztown Produce Auction, Oakhaven Rd., Fleetwood, Pa. 19522.

DECEMBER

FRI. DEC. 1 - Consignment Auction. Farm equip, lawn & garden, tools, building materials, household goods, etc. Kutztown Produce Auction, Oakhaven Road, Fleetwood, Pa. 19522.

SAT. DEC. 2 - 9:45AM Repossession Sale, approx. 200 repos & off lease vehicles. Keystone

Public Auto Exchange.

SAT. DEC. 2 - 4:30PM Christmas Auction, toys, tools, sportswear, gift items, fishing equip, Indian items, decorations, porcelain, electronics, sports-cards, jewelry, collectibles, seasonal goods, household items, novelties. Kirkwood Auction Center. 375 Maple Shade Rd., Kirkwood, Pa.

NEXT REPOSSESSION SALE

SATURDAY, DECEMBER 2nd, 1995
AT 9:45 AM

Approximately 200 Repo's and Off Lease Vehicles Will Be Offered
150 Dealer and Public Units



KEYSTONE
PUBLIC
AUTO
EXCHANGE
AH-000057-L

Children under 16 years of age will not be admitted under any circumstances.

LARGE ANTIQUE AUCTION

SATURDAY, DECEMBER 2ND
4:00 PM

SMITH AUCTION CO.
DOWNINGTOWN

LARGE QUANTITY OF FURNITURE TO INCLUDE: Early 19th Century Walnut Step-Back Cupboard with 16 Lights Over Two Flame Walnut Drawers Over Two Cupboard Doors, Ant. Oak Curved Glass China Cabinet with Full Columns and Ball and Claw Feet, Another Ant. Bow Front China Cabinet with Carved Mirror Back and B&C Feet, Mahogany Side-By-Side of the Highest Quality with Curved Glass and Intricate Inlay with Mother of Pearl, Nice Ant. Oak Wardrobe With Drawer In Base, Walnut Inlaid Secretary Desk Slant Front, Glass Doors, Carved Queen Anne Legs, Large Figured Mahog. Double Pedestal Dining Table With Three Leaves, Large Three Pedestal Mahog. Dining Table With Three Leaves, Two Other Mahog. Double Pedestal Dining Tables, Very Nice Georgian Style Mahog. Breakfront With Inlay, Clean Mahog. Sideboard, Cherry Qu. Anne Style Hunt Board, Lyre Base Mahog. Card Table, Three Other Quality Mahog. Card Tables, Seven Marble Top Mahog. Tables, Mahog. Empire 4-Drawer Chest With Mirror and 2 Drawers On Top, Regency Style Mahog. Server, Ant. Mahog. High Chest, Ant. Mahog. Low Chest, Oak High Chest Mirror Back Oak Chest, Chipp. Style Mahog. Chest, 4 Cedar Chests, Set of 5 Mahog. Saber Leg Chairs, 2 Mahog. Servers, Oak Sideboard, 6 Stack Mahog. Bookcase, Depression Dining Set in Mint Condition, A Large Quantity Of Mahog. Tables, Two Tier Stands, Coffee Tables, Beds, Leather Top Furniture, Ant. Oak Rockers, Chairs, Tables, Other Sets of Chairs, Lots of Decorative Mirrors, Lamps, Floor Lamps, Ice Cream Chairs, Etc., Piano Stools, Pedestals, Large Ant. Oak Mantle With Mirror Back, and much more!

GLASSWARE, CHINA, COLLECTABLES: We Will Be Offering Hundreds of Lots to Include, Norrtake, Occupied Japan, Blue Willow, Dresden, Depression, Carnival, Spatter, Lustre, Pattern and Colored Glass. Lots of Cookie Cutters and Chocolate Molds, Post Cards, Italian Rifle, Linens, and so much more. Rugs Room Size and Area.

STERLING SILVER SERVICE FOR TWELVE: Other Sterling Silver, Nice Selection of Silver Plate, Sculpture, Bronze Chandelier with Crystals and more.

WATERCOLOR BY ELIZABETH VACHER BOORAEM of Phila. Art Museum 14x20. Lots of Other Original Artwork and Prints. THREE EARLY SAMPLERS, One Dated 1797-17X12 and Two Others 9X8. Also Some Jewelry.

AUCTIONEERS NOTE: This will be a very large sale 700 lots plus. If you buy furniture, don't miss this sale. Approx. 180 good lots of furniture and hundreds of smalls. PREVIEW: Friday, December 1st + 10:00 am to 10:00 pm Saturday, Dec. 2nd + 10:00 am to 4:00 p.m.

TERMS: Cash or PA Local Check, Out-Of-State Checks with Prior Approval or Bank Letter of Credit. 10% Buyer's Premium. LOCATION: Along Bus. Rt. 30 in the Downingtown Marketplace, Downingtown, PA. 45 Minutes from Wilmington or Philadelphia.

For more information, call 610-269-1036

Annette Smith AU-002706-L Harold Smith AU-002163-L Dennis Childers AA-002303-L



KUTZTOWN
Produce Auction, Inc.
Oakhaven Road
Fleetwood, PA 19522
610-683-7161
AH-00073L

CHRISTMAS TREE & GREENS AUCTIONS

Tuesdays, Nov. 28,
Dec. 5, 12
At 11:00 A.M.

Accepting Consignments Of:

TREES (Fresh Cut, B&B), Bundled Greens, Holly, Pine Cones, Wreaths (Plain & Finished), Holiday Logs, Roping, Etc.

POINSETTIAS: Christmas Cactus, Etc. Sold In Our Heated Warehouse.

CHRISTMAS DECORATIONS: Commercial Decor, Light Sets, Tree Lot Items, Wreath Making Materials.

CRAFTS - Locally Made Crafts - Wooden Toys, Painted Items, Floral Arrangements, Etc.

PRODUCE

CONSIGNMENT AUCTION

Friday, Dec. 1st
At 9:30 A.M.

Accepting Consignments of:

Farm Equipment, Lawn & Garden, Tools, Building Materials, Household Goods, Etc.

We Do Not Accept: Tires, Upholstered Furniture, Poultry Equipment, Used Glass Windows.

AFIA Says Cost, Potential Job Loss Too High On Ergonomic Standard

ARLINGTON, Va. — In a recent letter to Assistant Secretary for OSHA Joseph Dear, American Feed Industry Association (AFIA) director of feed production Brian Bursick said, "AFIA believes the economic impact of OSHA's draft Ergonomic Protection Standard far outweighs the benefits gained." By proposing a new ergonomic standard, OSHA is responding to what it claims are significant increases in reported cases of ergonomic disorders in the aggregate workplace over the past decade.

According to an analysis by the AFIA Safety & Health Committee, which represents the association's more than 700 members, the OSHA ergonomic proposal would cost the feed industry a minimum of \$783 million in start-up costs and \$112 million annually thereafter.

An estimated 7,000 feed industry employees (11.7 percent of all production jobs in the industry) would lose their jobs due to new automation requirements in line with the changing standard. In ad-

dition, other more important safety programs would suffer as resources are siphoned off to comply with the ergonomics standard.

AFIA's feed industry analysis determined that cumulative trauma disorders (CTD) occur in approximately two cases per five million man-hours worked. This calculates to a frequency rate of 0.08 cases per 100 man-years. Considering the extremely low rate of annual CTD cases in the feed industry, AFIA believes the cost of compliance with the proposed ergonomic standard is not justified.

Additional hidden costs will be incurred by industry as they are passed along from the medical community. AFIA believes many physicians who would be diagnosing and treating ergonomic disorders do not have sufficient training to distinguish between work-related and non-work-related illnesses or traumas. Costs of medical personnel training, and on-site medical attention at plant facilities will be passed along to industry.

Walnut Ridge

(Continued from Page A34)

primary role in the operation is the logical result of the family's tradition of children learning by being involved from a young age.

"I've worked right beside Dad as long as I can remember," she said. Now Pam's responsibilities, in addition to being a mother herself, include full-time milking, cow and calf care, and making decisions about the genetics of the herd.

She credited her grandfather, Maynard, with instilling the work

ethic in her.

"He was a tough man to work for; he was the backbone of this family," she recalled, "and I guess I was as stubborn as he was. I wouldn't leave the farm."

Getting the cows ready to show also falls under Pam's domain. Her children and her sisters' are the fourth generation to be involved in 4-H showing cows. Every child has at least one animal, and all but the youngest two are in 4-H.