

Frequency Makes A Beneficial Difference

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milk-out because of its action of contracting the muscle fibers surrounding the udder secretory alveoli. What has not been known is that oxytocin may have another role besides the milk-let-down effect when frequency of milking is changed.

A new study at the University of Shiraz in Iran found that different frequencies of oxytocin injections over entire lactations of milking sheep resulted in significantly higher yields and longer lactations with more frequent days of injections. Also, milk fat contents increased and somatic cell counts decreased

significantly, indicating that oxytocin may also be involved in mammary cell maintenance and metabolism.

This then relates very well to another new study from France, in which dairy sheep were milked one, two, three, four, five and seven times per day. Instead of injecting oxytocin, it was tested in the blood during these different frequencies of milking. The study found that milking frequency increased the total release of oxytocin, as well as milk yield and fat contents, indicating that natural oxytocin is in plentiful supply and is not limiting milk yield gains and compo-

sition during more frequent milking management.

While this valuable information must be confirmed for dairy cows, it probably applies to them as well. It is important to verify, however, because we are at the threshold of computer robotic milking. This will mean more frequent milking, since the cows can go to the robot milking machine when the pressure in the udder makes them go more frequently than twice a day.

Robot milking is already in operation on a number of dairy farms in the Netherlands, England, Scandinavia, and Germany. As soon as it is operable under U.S. public health codes, it will enter the American dairy industry and reduce labor requirements tremendously. To know that the greater frequency of milking is also beneficial to milk yield and composition, in addition to labor reduction, is valuable for farm profits, just as it is with the computer grain feeding and computer milk nursing.

\$3.1B in Farm Subsidies Proposed

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were insufficient when commodity prices fell sharply in 1998.

The new subsidy program will be included in President Clinton's 2001 budget along with \$1.3 billion in farm conservation spending that Vice President Al Gore announced earlier this month and an additional \$640 million earmarked for cutting premiums on federally subsidized crop insurance. The government has offered similar insurance discounts in 1999 and again this year in order to encourage more farmers to buy the coverage to protect against weather-related losses.

Because commodity prices are only expected to rise slowly during the next several years, support has been building in Congress and among farm organizations to come up with a new way to subsidize growers when

prices are low.

The administration's new program was originally proposed by economists at the Agriculture Department and Ohio State University in the early 1990s. Critics have said the payments could worsen the worldwide grain glut by encouraging farmers to plant crops in areas where they do not do well, something the 1996 farm law was intended to discourage.

Newpher, the Farm Bureau lobbyist, praised the administration for proposing the program. Clinton had proposed improving the farm "safety net" in his State of the Union message a year ago and again Thursday night, but the administration never spelled out a proposal of its own until Friday.

"We need to get started on this discussion right away," Newpher said.



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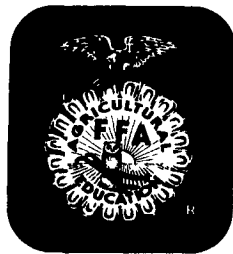
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OUTSTANDING AUCTION Sat., April 8 @ 9 AM

LOCATION: 11158 Mt. Zion Rd. Shrewsbury Twp, York Co., PA, I 83 Exit 2, Rt. 216 E 500 ft, R on Potosi Rd., 3/4 mi. to church, R on M. Zion 1/2 mi. to sale.

CARS, BANK STOCK

76 Cadillac Eldorado convertible - auto, 500, 163K, 71 Pontiac Grand Ville convertible-auto, 455, 192K; 4000 shares Antic Rock State Bank stock

FURNITURE, ANTIQUES, COLLECTIBLES

drysink w/top, 6 board blanket chest; marble top stands; plank btm & other chairs, oak child's rocker & other child's chairs; oak washstand, high, pressback bed, occasional tables; wood kit cupboard; 5 pc DR suite-table, chairs, hutch, corner cupboard, server, mirror; drop leaf table; Hoosier porcelain top base cabinet, hutch, spool corner stand; uph gossip bench; plank btm rocker, uph rocker, 5 pc. maple BR suite, projection front dresser; cedar chest; DP style drop leaf table, oak dresser w/mirror; inlaid chest of drawers, dress w/mirror & hankie boxes, vanity, GE floor model radio, sewing stand; Singer sew mach, sm square table, day bed, wood desk, wood file, recliner, platform rocker; stereo/TV; VCR, plank stool, wall mirrors, dough boxes, LR suite, wood office chair, office desk, iron porch tables, wood plant stands, trunk, wood barrels, clothe trees; wood & metal cabinets, wood ironing board, wood wall magazine rack, lyre magazine rack, foot stool - cast legs, filing cabinet, book shelves, morticed bench, Conn organ, piano stool, Poole uprte piano, pump organ, Seth Thomas mantle clock, GWTW lamps, Ray O lamps, hanging kero lights, kero lamps, coffee grinder, cast frog door stop, hats, vintage clothing, old dolls, copper washboiler, cherry pitter, old cookie cutters, tin comb holder, cast griddle, skillet & pots, walking sticks, old framed pics inc "Little Daisy", candle mold, sad irons, arrowheads; brass oil lamps, tin water can, ink well set, meat hooks, balance scale, Dietz lantern, lic plates, old child's garden tools, brass spittoon, crocks, milkcans, copper bucket, milk strainer, wood boxes, bird cage & stand, metal measure, slate, graniteware, wood bucket, egg baskets, fan, air conditioner, trombone, guitar, sewing notions, books inc 1867 dictionary, hymn books, sheet music, sleigh bells, misc old tins inc Cream Dove peanut, costume & old jewelry; Maytag washer, range, old elec frige, 78 records, teacher bells, postcards

GLASSWARE, LINENS, ETC.

pink, green, yellow, blue depression glass, milk glass, some Roseville, carnival glass, some ruby, old bottles, bone dishes, goofus glass, world glass set, candy dishes, round butter, cake plates, indiv butters, indiv butter churns, lots S&P shakers inc Aunt Jemina & Uncle Moses, Foust carnival vases; salts, misc old bowls, glass measure, pottery mixing bowl, Fostoria, hobnail, bowl & pitcher set, stemware, gilded glass, glass kero jug, amethyst vase, bud vase, sq Planters jar, Highland Dairy milk bottles & others, Lozenger jar, canning jars, figurines, planters, quilts-1 dated, afghans, dresser scarves, aprons, hankies, table linens, needlepoint, ice bucket, tin pie plates, gold leaf paint, sewing basket, flatware, porcelain casters, old wood-wood-chopper toy, Ralstoy tanker toy, silver plate items, Hollands candy box-Shrewsbury; wood handle utensils, hammered alum items, baskets, cast planter, exercise bike, lawn chairs

FARM ITEMS

field sprayer-poly tank, milk bottler, Surge & IH milkers, milking stool, milk box, Surge SP 22 vac pump, DeLaval 300 gal milk tank (rough), wood milk bottle crates, lightning rods; dehomers, wheelbarrow, lawn roller, log chain, 015L Stihl chainsaw, twisted clevis, misc hand & long handle tools, vises, workbench, toolboxes, pipe cutter, scythe, Echo string trimmer, wood feed cart, calf crate, 300 gal skid tank, hill-side hitch; IH tractor seat, hay fork, blow torch, ++items to mention

AUCTIONEERS NOTE: Cars have been garage kept This is an exceptionally nice sale This is the site of the former Highland Dairy

TERMS: Cash or good check Not responsible for accidents Refreshments by Hametown Farm Women

AUCTIONEERS:

Kenneth Keeny AU2797L
717-993-3448
Marlette Thomas AU3251L

OWNER:

J. Thomas Carman
Virginia Lehman, POA

Public Auction Register

Closing Date Monday 5:00 P.M.

of each week's publication

Internet Sale Register will be updated

every Sat. at 2:23 P.M.

ATTENTION Auctioneers

All sales register info needs complete address, street, town, county & state.

MARCH

SAT MAR 18-8AM Saxby Implement Co Rt 251 1 mile East of Mendon, 125 Lawn Mowers Vehicles, Farm tools & much more Saxby Implement Co owner Roy Teitworth, Auct

SAT MAR 18 - 10AM Misc Household, woodworking equip truck motorcycle, cars at 1012 Woodland Ave, East Norriton, PA for Mr & Mrs George Prosock By James Smiley, Auct

WED MAR 22 - 10AM Ken Kuperus Complete farm dispersal auction, Sand Hill Rd, Newark NY Roy Teitworth auct

THURS MAR 23 - 9AM E&J Farms complete dispersal Ernest & John Phillips 4418 Congdon Rd, Williamson NY Roy Teitworth, Inc auct

SAT MAR 25 - 9AM Firearm auction At Redding Auction Service Redding Aucts

SAT MAR 25 - 9AM Lamb & Webster Used Equip Auct Rt 39 & 219, Springville NY Roy Teitworth, auct

SAT MAR 25 - 9:30 AM Kerr Farm Consignment Machinery Auction At Kerr Farm 547 Scott Ridge Rd John Huey Sue Ann Weidner Mike Lozier Beth Hill man aucts

SAT MAR 25 10AM Farm machinery & tractors At Hills Auction on Rt 896 Newark De Harold S Hill & Son Inc auct s

SAT MAR 25 11AM Hsing Lung Farm NYS Rt 12 Hubbardsville NY Managed by David Unger Gene Wood's Auction Service

MON MAR 27 9AM Taneytown Farm Equip Sam Walters Edgar Bohrer and Tony Quarrick aucts

MON MAR 27 - 11AM Kenneth Cooper Machinery Auction, at 10324 Mill Rd NW of Medina Wm Kent, aucts

MON MAR 27 - 6PM Longaberger Auction Murry Emporium 23 N Water St Lutz Pa Elmer Murry, Inc, aucts

HSING LUNG FARM

TOP LINE OF MACHINERY DISPERSAL

NYS Route 12 Hubbardsville, NY (Madison Co.)

SATURDAY, MARCH 25, 2000 • 11:00 AM

The farm has been sold, sale to be held 1/4 mile north of the farm, on Wickwire Rd. From Sherburne, NY follow NYS Route 12 north, approx. 9 miles. From NYS Rte. 20, follow NYS Rte. 12 south approx. 9 miles. Watch for Auction Arrows.

JD #4755 Tractor, 4WD - Full Cab - Power Shift - 3 Hyd. Remotes - set of duals - 6400 Hrs. - Full set of weights; also Daggelimen 12 ft. front blade; CASE-INT #7220 Magnum Tractor - Full Cab - 4WD - 5500 Hrs. - set of weights; JD #4055 Tractor - ROPS - Power Shift - Only 1700 Hrs. w/JD #265 quik-hitch loader & 2 tine bale spear attachment. All Tractors are in excellent condition. JD #5830 Self Propelled Chopper - Full Cab - 4WD w/4 row corn-head & 7 ft. hayhead - 4800 hrs.; RICHARDTON #750 dump wagon; RICHARDTON #500 dump wagon (fixer upper); FARGO Field Chief dump wagon; CASE #621-B loader - 5700 hrs. - Nice!; (2) 1990 INT. Trucks w/466 diesel motors, 17 ft. silage dump boxes w/hyd tailgates - (1) 6 speed Trans. w/54000 miles - 32,900 GVW; (1) 5 speed trans. /2 speed rear end w/98000 miles - 29,900 GVW; 1996 EBY 8x20 ft. gooseneck Cattle Trailer; (2) CASE #1840 Skidsteers - both diesel motors - (1) only 850 hrs.; CASE-INT. #8312 discbine w/hydro swing - Like New!; MILLER Pro #1100 rotary rake - New; JD #336 baler w/hyd. Kicker; (8) hay wagons - (5) H&S, (1) MEYERS - new, (2) wooden-all w/good running gears; (2) flat racks on running gears; JD #2800 on land plow - 6 btm - spring resets; JD #1610 chisel plow; INT. #720 5 btm plows - spring resets; JD #235 dura cushion singlefold disc; 3 pt. hitch; JD #1000 disc - 15 ft. (fixer upper); BRILLION seeder - 12 ft.; JD #7000 compplanter - 16 row w/liq. Fertilizer insecticide boxes w/200 monitor; BRILLION 10 ft. cultipacker; (2) 1700 Gal. poly storage tanks; (2) 400 Gal. poly storage tanks; DEMCO sprayer, model TMC; WIC #3300 liquid manure tank w/hyd gate; BODCO lagoon liquid pump - 30 ft.; KNIGHT #725 Manure spreader - side slinger; KNIGHT #350 spreader; LITTLE RHINO back blade - 3 pt. Hitch; 2nd set of duals - 18.4x38; JD 30 ft. elevator; KIDO 3 pt. Hitch round spreader; JD #140 lawn mower - hyd.-rototiller attach; (3) fuel tanks - 500 Gal. w/elec. Pumps; misc. items found around the farm - #225 Lincoln AC welder; water pumps, spare motors; spare tires, fencing supplies, etc.

MANAGER'S NOTE: This is a Good Line of Machinery that's been taken care of, serviced on a regular basis. Wendell has always maintained the machinery. For any information, contact Wendell @ 315-861-7732 or 315-861-5765. He will be available to answer your questions and/or make arrangements for you to view the machinery. Everything is an ABSOLUTE SALE.

Bob & Wendell, Hsing Lung Farm Managers, would like to thank the people in the community for the many years of being such good neighbors - it made their job so much easier. We hope that you will continue to be good neighbors to the new owners.

OWNERS: HSING LUNG FARM

TERMS: Cash or Good Check Day of Sale. **ABSOLUTELY NO CREDIT!** Everything MUST be paid for before leaving premises. Selling by number system - be sure to register before sale.

Sale Managed By:

DAVID UNGER
Hamilton, NY 315-824-0023

GENE WOOD'S AUCTION SERVICE
Cincinnati, NY 607-863-3821

ADVANCE NOTICES: Fri., Mar. 31st - Paul Perkins, Cincinnati, NY - On the farm (50 head dairy - all AI breeding for many years & full line of Machinery & Milking Equipment Dispersal to include (4) Tractors: JD #2940; JD #2840; BELARUS #525 -4WD; JD #60 w/loader; INT. 500 Series C bulldozer w/angle blade.

Sat., Apr. 8th - IZARD HAVEN FARM, So. New Berlin, NY - Machinery Reduction Sale. Also accepting consignments by contacting John Weidman Sr., 607-847-8730 or the Auction Service.

Fri., Apr. 21st - @ JACK WOOD'S SALE BARN, Cincinnati, NY - Cattle, Heifers & Machinery Sale.

Sat., May 6th - Machinery Consignment Sale @ KURTZ-HARRINGTON, NYS Rte 26, Cincinnati, NY. Already a full line of machinery, plus other consignments Contact Kurtz-Harrington @863-3332 to have YOUR consignment including in our advertising.