IS MILK STORED IN THE UDDER?

The results of experiments conducted by W. W. Swett, of the Bureau of Dairy Industry, United States Department of Agriculture, answer the question that has been before dairymen for years. It was once thought that the milk produced by the cow was stored in the udder. More recently it was the general belief that that all but a very small quantity of the milk obtained at any milking was secreted while the cow was being milked. The results of the experiments of Mr. Swett show conclusively that milk is stored in the udder of the cow.

Mr. Swett conducted his experiments in the herd of the Bureau of Dairy Industry at Beltsville, Maryland. More than ten cows have been tested. For ten days before the experiment was conducted, the cow was milked regularly at a definite hour in the morning. A record was kept of the quantity of milk given and analyses of it were made to determine its composition. On the eleventh day, at the same hour in the morning at which the cow had regularly been milked, the animal was killed. The udder was removed from the body and attached to a frame so that it could be milked. It was then placed in a chamber heated to such a degree that the udder could be held at blood temperature. The udder was milked and a record was kept of the quantity and composition of milk removed. The milking was repeated about four hours later. A very large proportion of the milk in each amputated udder was obtained at the first post-mortem milking.

In recent tests made on six cows, the average quantity of milk obtained from each udder after it was removed from the cow was more than fourteen pounds, or about three-fourths as much as was obtained each day, on the average, for ten days previous to the removal of the udder.

Subsequent study of the structure of the mammary gland indicates that the udder acts as a sponge and holds the milk until it is released when the cow is milked. The butterfat content of the milk obtained from the amputated udder is lower than that obtained before death.

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Two Singer Sewing Machines	100.00	30.00
Two " " "	100.00	50.00
Four " " "	100.00	65.00
Two Style 7-10 Combination Radiola 16 and Victrola	275.00	150.00
Two Style 4-7 Victrolas	135.00	75.00
Three " 4-3 "	95.00	65.00
One " 14 Victrola	150.00	39.00
One " 11 "	125.00	39.00
One " 10 "	100.00	30.00
One " 90 "	125.00	35.00
Two Columbia Talking Machines	125.00	25.00
One Up Right Piano	375.00	60.00
One " "	400.00	70.00
One " "	400.00	80.00
One Player Piano	550.00	170.00

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—All members of Chestertown Council, No. 177 Jr. O. U. A. M., are earnestly requested to attend the meeting in Fraternal Hall next Wednesday evening at 8 o'clock. Matters of vital importance to all to be transacted.

MILLINGTON

Miss Susie Everett has returned to Philadelphia, after spending three weeks with her parents, Mr. and Mrs. Samuel Everett, near town.

Mr. and Mrs. George Davis, of Wilmington, spent the week end with his mother, Mrs. Annie Poore.

Mrs. R. J. Taylor is the guest of her mother, Mrs. Mary King, of Franklin City, Va.

Miss Mabel Price, of Swarthmore, Pa., visited relatives and friends in town this week.

Miss Anna Shahan has returned to her home near town, after spending two months with her brother-in-law and sister, Mr. and Mrs. Lewis Sanner, of Detroit, Mich. She was accompanied home by Mrs. Sanner, who will spend sometime with her parents Mr. and Mrs. Frank Shahan, Mr. Sanner having returned to his work at Providence, R. I.

Messrs. James and Victor Pennington, of Baltimore, spent the past week end with their parents, Mr. and Mrs. Liston Pennington.

Mr. and Mrs. Jesse Slaughter and daughter, Miss Margaret, and Mr. and Mrs. Millard Slaughter, of Elkton, were guests last Sunday of relatives in town.

The regular monthly meeting of the Queen Esther Circle, of Asbury M. E. Church, was held last Tuesday evening at the home of Mrs. N. A. Wallen.

Mr. P. H. Wood, Jr., and family, of Wilmington, visited his wife's parents, Mr. and Mrs. J. P. Ahern, last Sunday.

Miss Nellie Everett has returned home from a sight-seeing trip through Tennessee, Ohio, Indiana, Illinois, Kentucky, West Virginia, Virginia and Washington, D. C.

Mrs. Morgan King, of near Middletown, Del., spent the week end with her sister-in-law, Mrs. James Moore.

Mrs. John Tobin and little daughter, Jean Timms, were guests last Sunday of her mother, Mrs. Carrie Ellison, of Chesapeake City, Md.

Mrs. Merritt Brice visited relatives at Rock Hall last week.

Messrs. C. M. Melvin, Jr., E. T. Stevens, Warner Porter and Dr. G. L. Copeland spent last Tuesday in Wilmington.

The regular monthly meeting of the Ladies' Aid Society, of Asbury M. E. Church, was held last Thursday evening at the home of Mrs. J. P. Ahern.

Mrs. Eva Marvel spent several days this week with her cousin, Mr. Charles Clough, of Price's.

Miss Myrtle Jones, who is in training at the Delaware Hospital, Wilmington, was the guest last Sunday of her parents, Mr. and Mrs. C. P. Jones.

Rev. and Mrs. Willard Everett, of Hillsboro, Md., and Miss Elizabeth Hemburow, of Jacksonville, Ill., visited the former's parents, Mr. and Mrs. Samuel Everett, near town, on Wednesday of last week.

Mr. and Mrs. John H. Ahern spent the week end with relatives in Baltimore.

Mr. and Mrs. Lester Minner, of Newark, N. J., and Mr. and Mrs. Frank Shahan, of near town have returned home, from a trip through the Shenandoah Valley, the Luray Caverns, of Virginia and other places of interest.

Mrs. Clara Rolph returned home last Sunday, after spending two weeks with with her daughter, Mrs. William Miller, of Baltimore.

Mr. and Mrs. Lester Kauffman left last Saturday for their home in St. Louis, Mo., after spending two months with her aunt, Miss Marie Vansant.

Mr. and Mrs. John A. Matthews and Mr. and Mrs. Albert Wilde, of Elsmere, Del., were guests last Wednesday of the latter's parents, Mr. and Mrs. J. C. Vansant.

On Wednesday, September 18th Mr. James C. Vansant, of Millington, attained his eightieth birthday and being a member of the Community Fire Company, they gave him a big set out in honor of the occasion, Uncle Jimmy as he is known by all, being a very active member, so that nothing can go on at the Fire house without his knowledge, had to be taken for a ride while they arranged things at the house. So Mr. B. W. Duling took him riding while things were arranged and on returning passed the Firehouse, it being all lighted up they stopped to see what was going on and found a large party assembled to do him honor, tables were spread and a large birthday cake with candles and all and a happy gathering of friends to bid him welcome. A splendid humerous address was made by Rev. Mr. Tawes eulogizing Uncle Jimmy on his interest in the company the town at large and upon his good citizenship in general and presenting him with numerous presents from the company and other friends and wishing him many happy returns of the day.

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Nation's Export Trade Defiance of Old Saying

American producers have exploded one of the best geographic metaphors. They now make millions annually by "carrying coals to Newcastle." Many "coals," in fact, to many "Newcastles."

American merchants are selling all sorts of products to countries for which those same products are famous, says the National Geographic society.

Apple blossom time in Normandy is no hindrance to the sale of thousands of boxes of American apples in France. The United States also sells perfume and raisins to France, the home of flower farms and vineyards; hops and sausage to Germany, home of beer and frankfurters, and fertilizer to Chile, the world's chief source of natural nitrates.

Peru is the original home of quinine. Yet quinine leads the list of American medicinals worth $400,000 imported into Peru annually from the United States, a country in which cinchona trees do not grow.

Impossible to Predict Approach of Tornado

Science has devised no way of predicting when or where a tornado will strike or exactly what path it will travel once it starts. Weather bureau officials recognize certain conditions that are favorable—sultry, "sticky" afternoons following mornings that are oppressive, especially in May and June, with an area of low atmospheric pressure shown on the weather map to the northwest—but the weather bureau makes no prediction of tornadoes. Even when conditions are apparently most favorable tornadoes may not occur at all and when they do appear there is no certainty in regard to what locality or even what state they will strike. Also, no successful effort has ever been made to warn cities of the approach of a tornado when it is traveling in their general direction. Wire service is always disrupted by such a storm and radio would be worthless on account of disablement of a sending station in the storm path.

Two Rare Birds

Two six-plumed birds of paradise—so rare that living specimens have never before been seen in England—arrived recently at the London zoo from New Guinea. They carry on their heads the six long, racket-tipped spines which have earned for the species its popular name. On the breast is a metallic hued shield iridescent with green, bronze and blue. Save for a silver cushion on the forehead they are velvety black, making the turquoise blue iris of the eye very conspicuous. If they act in similar fashion to a closely allied species, the birds will throw out their body-plumes like a skirt, expand the breast-shield, erect their head-plumes fanwise, and strut about erratically.

Columbus' Coat of Arms

It was in "the spacious times of good Queen Bess" when the Spaniard was Lord of the Earth. All know the story of his "Invincible Armada"; but it had an unforeseen result through one of the vessels being wrecked on the Fair isle, off the coast of Scotland, and some 200 of the crew being saved. During a stay of some months there, the Spaniards taught the women their quaint patterns. One of the patterns is a golden anchor on a blue ground. This was the coat of arms granted to Columbus by the Spanish sovereigns as one of the rewards for his discovery of the New world.—Montreal Family Herald.

His Worthy Precedent

Little Lawrence was untidy. Though his mother made every effort to encourage him he seldom folded up his clothes after he undressed for bed.

One day his mother came into the bedroom and saw his clothing scattered all over the floor.

"I wonder who it was that never folded up his clothes when he went to bed?"

Little Lawrence pulled his clothes over his head and answered:

"Adam!"

Great Adventure

Four-year-old Marvin's parents were planning something unusual for a vacation, and during that period grandma was expected to care for the children. Daddy gave the little lad injunction to "be very good" during his absence.

"I will, daddy, for it is going to be a great adventure for you."

He could not remember a time when dad and mother had before taken a trip.

Not Expected to Know

A class of small boys at Sunday school was being queried on the lesson, but none appeared to know his lesson.

"Perhaps this new little member of our class can tell us who it was that led the children of Israel across the Red sea?" the teacher said.

"Oh, teacher, he's just moved into our neighborhood last week and you couldn't expect him to know," volunteered one lad.

Heritage of the Meek

Blessed are the poor. Their children shall inherit the earth because the rich don't have any children.—Capper's Weekly.

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NOTICE TO CREDITORS

NOTICE is hereby given that the undersigned has obtained from the Orphans' Court for Kent County letters Of Administration Ancillary C. T. A., on the personal estate of

WM. HOWARD LYLE

late of said county, deceased. All persons having claims against said deceased's estate are hereby warned to exhibit the same, with the proper vouchers thereof, to the undersigned on or before the 15th day of December, 1929, otherwise they may by law be excluded from all benefit of said deceased's personal estate.

All persons indebted to this estate must settle at once.

Given under my hand this 11th day of June, 1929.

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