



In a carefully prepared paper read before a county institute in Iowa Mrs. Mellings related how she made nine and two-thirds ounces of butter per gallon from twelve gallons of milk, using a separator, while from the same amount of milk set thirty-six hours and closely skimmed she secured only six and one-third ounces of butter per gallon of milk. Then she ran the setting of skimmed milk through the separator, took out the rest of the cream (lost in the old process), and from this cream she secured nearly all the missing butter, or two and one-sixth ounces per gallon, making nine and one-third ounces total by the two methods against nine and two-thirds ounces by the separator process alone. This would seem to indicate that a small amount of cream cannot be taken from old milk and that best results are secured by the use of the separator on fresh milk. To recapitulate, by setting the milk in the old way and using care six and one-third ounces of butter were secured per gallon of milk. By the separator method alone the total was increased three and one-third ounces per gallon of milk, or one-half more butter was made from a given quantity of milk. With such a showing from an actual test it is easy to see that a separator will pay for itself in "extra butter" in a single year with only a few cows. With this fact proved it is sheer waste to neglect buying a separator, for it will pay 100 per cent profit on the investment every year with a small herd of cows and still better with a larger herd.—Farmers' Advocate.

Purity of Dairy Products.

The report of the Massachusetts board of health, recently made public, contains several features of interest to dairymen. The board has charge of the inspection of food and drugs and divides with the dairy bureau the inspection of milk and dairy products. During the month of December the board examined 337 samples of milk, of which 131 were adulterated or varied from the legal standard. In most cases the board has contented itself by sending warnings to the sellers whose milk fell below the standard, as only three cases were taken to court, resulting in two convictions and one discharge. The total per cent of solids in samples of milk upon which these cases were entered was 3.34, 8.34, 9.25, 10.14.

Of forty-seven samples of butter analyzed two were found to be adulterated, but no cases seem to have been taken to court. Only one sample out of seventeen lots of cheese was found below legal quality.

An Illinois Winner.

At the recent session of the Illinois Dairymen's association at Greenville A. E. Thompson, the old prize winner, was first in the butter contest, with a score of 97.

To Clean Outside of Churn.

Here is a recipe for keeping the outside of the churn in neat condition which has been recommended to the writer, but we cannot vouch for its efficiency, says Creamery Journal. It is, however, suggested by a good buttermaker friend, who declares that he has used it with excellent results upon a churn which was placed in his factory two years ago and which still looks like new. It is accomplished by simply using a bit of cotton waste dampened with separator oil for wiping the churn and then rubbing perfectly dry with clean, dry waste. He has not used any soap or washing compound on the churn in two years.

Rotten Creamery Floors.

The rotten creamery floor that permits the washings of the creamery to drain through and decompose under the creamery and to continually give off a vile odor which will contaminate the fresh milk, cream and butter is one of the greatest drawbacks in the production of good butter. The first class buttermaker who is running a creamery which is in this condition will take every precaution to keep the old floors from leaking and will use an abundance of lime or other powerful deodorizer under and about the creamery.

What the Separator Did.

It is the hand separator that has been largely instrumental in the revolution of the dairy business. It is in the last five years that the separator has been gradually introduced, and it has proved the greatest incentive for the farmer and the dairyman to enter the business and make it profitable.

Since 1899 the number of dairy cows in Nebraska has practically doubled and the dairy products advanced 150 per cent.—S. C. Basset, Secretary Nebraska Dairymen's Association.

DAMES AND DAUGHTERS.

Catherine Parker, who died at Pondville, near Buzzards Bay, recently, was ninety-nine years old and was a direct descendant of the Herring Pond Indian tribe.

Miss Agnes Mullen, who has lately been appointed advertising manager for the Monon railroad, is said to be the only woman in the world holding a similar position.

Miss Sarah Bernhardt whenever she has had a moment's leisure has jotted down on scraps of paper hasty notes and reflections upon people she has met, which she will use in her memoirs.

Mrs. Nat Littlefield of Elmwood village, N. H., who is seventy-five years old, has spun the yarn and knit more than fifty pairs of double mittens, besides doing the family knitting, during the past fall and winter.

Mrs. Bradley Martin, the society leader who is now making her home in England, recently ordered twenty-seven pairs of shoes made to her own last from a manufacturer of women's footwear in Lynn, Mass.

Mrs. Stuyvesant Fish, the New York society leader, is said to long for literary distinction. In order to gratify her ambition she intends to curtail her social life considerably for some time to come and will occupy herself seriously in writing a book.

Lily, the Duchess of Marlborough, formerly Mrs. Louis Hamersley, is rarely seen in public. She is in wretched health and since the death of her husband, Lord William Beresford, has been living quietly at Deepdene and Brighton with her little son.

Mrs. Benjamin Harrison recently visited the reform school for boys in Plainfield, Ind., and became interested in a colored lad named Alexander Baker, who had been sent there as an incorrigible. Mrs. Harrison was convinced that he would respond to kindly influence and when he was paroled took him to her home, where he will be trained as a house servant.

THINGS THEATRICAL.

John Craig plays the role of Duke Orsino in Viola Allen's production of "Twelfth Night."

Miss Maxine Elliott may appear in London next spring in her new play, "Her Own Way."

William Lansing, an actor who at one time played with Booth and Barrett, died recently in California.

Miss Bertha Galland, after a very successful season in the east, is now on western tour in "Dorothy Vernon."

Mrs. Burnett has dramatized her story "The Making of a Marchioness." This is the fifth play Mrs. Burnett has

completed within a year.

Helen Redmond, of "Florodora" fame, who is singing this year with the "Winsome Winnie" company, was married lately to a Philadelphia business man.

It is said that Ada Rehan and Otis Skinner are talking of forming a stock company to present Shakespeare in New York, so warm has been the encouragement given them in that city.

Miss Leonora Bradley, who became so popular in Pittsburg with the Albaugh stock company and who has been playing since in Boston, will return to New York shortly to accept an engagement there.

LAW POINTS.

That defamatory matter in a pleading refers to a stranger to the record is held in Crockett versus McLanahan (Tenn.), 61 L. R. A. 914, not to deprive it of its absolute privilege if it is pertinent and relative to the issue.

As between a surviving partner and the executor of the deceased one the firm name is held in Slater versus Slater (N. Y.), 61 L. R. A. 796, to be an asset of the partnership which the executor has a right to have sold for the settlement of the partnership affairs.

A devise to one absolutely and forever is held in Roth versus Rauschenbusch (Mo.), 61 L. R. A. 455, to convey a fee simple which cannot be cut down by a subsequent clause directing the disposition of any remainder which may be undisposed of at the death of the devisee.

THE ROYAL BOX.

The German empress is suffering from inflammation of the veins of the ankle. The malady is painful, but not dangerous.

As though King Edward had not enough to do with his multitudinous engagements, his majesty gives much time to keeping a diary of the weather.

The emperor of Japan has never been outside of his own country. His son, the crown prince, though in his twenty-fifth year, has also refrained from traveling.

One of the debutantes of the coming season at the court of St. James will be the Princess Victoria Patricia, the youngest daughter of the Duke and Duchess of Connaught, who will shortly celebrate her eighteenth birthday.

TOWN TOPICS.

In St. Paul the health officers compel persons who spit on the sidewalks to take out their handkerchiefs and mop up the places they have befouled.

New York city's new hall of records when finished will have cost \$6,000,000. It is not as large nor so fine as the Congressional library in Washington, which cost only \$4,500,000.

Dover, Me., wants a town clock. A fund for one was started several years ago, and \$169 lies in the savings bank, where most people had forgotten all about it. Now they plan to complete the fund and keep track of the passing hours.

Savages and Dreams.

Many savage races regard dreams as incidents which happen to the spirit when it is wandering from the body.

Cleaning Windows.

If your window glass is lacking in brilliancy clean it with liquid paste made of alcohol and whiting. A little of this mixture will remove specks and impart a high luster to the glass.

Sandwich Filling.

A delicious filling for sandwiches is made of equal parts of Swiss cheese, grated, and chopped English walnuts. Season with salt and red pepper and moisten with enough cream or melted butter to spread.

Hazlewood Talks

A Revolution in Dairying

Dairying has been revolutionized during the last few years. The hand cream separator has done more toward modernizing this industry than any other influence. Within the last three years the hand separator has come to be more of a fixture in the dairy farmhouse than the sewing machine. The separator is here to stay, and the possibilities it has created for this region in the way of dairy development are immense.

The one point above all others that makes the hand separator so effective is the fact that the warm milk can be fed to calves, while the cream—chief source of revenue—can be shipped in first class condition to bring the highest prices now being paid for butter fat.

Adds Value to Farm

Thousands of dollars will be added to the value of each good dairy farm in this region during the next ten or twenty years, and it will be the hand cream separator which will do it. If the hand separator makes it possible for you to sell \$500 or \$1,000 worth of cream from a herd of eight or ten cows during the year, and enables you to raise calves which you can market for as high a price as what you got for your calves before, is it not increasing the value of your farm?

The hand separator conquers bad road conditions, makes it possible to get the most money from crops, simplifies dairying, abolishes the wearisome churn, improves the quality of the product, pays for itself in what it saves, and, if a high grade one, lasts year in and year out as a permanent labor-saving fixture.

Clip this Out

and mail to Hazelwood Cream Co. Portland, Oregon.

Gentlemen:—Please put me on your mailing list for information about separators and shipping cream

I have...cows and...separator.

Name.....

Address.....

Pewter Money.

Twelve hundred pewter pots were stolen from various London publicans last year. They were used to make counterfeit money.

The Delirious Patient.

If one has to feed a delirious person, tap on the lips two or three times, and they will automatically open. Fill the spoon and pass it in well over the tongue, so that it will go directly into the gullet.

A Remarkable Cow.

According to a current item, an Indiana man whose name is not given wishes to show in the St. Louis exposition a cow named the Queen of the West. It is a cow with five legs, five hips, two tails and two udders. She is seven years old and raised a calf last year. Being so well equipped with udders, she ought to surpass every other cow in the world as a milker.