

DAIRY CLEANLINESS.

Small Pails Greatly Reduce Chance For Contamination.

The avoidance of unnecessary milk contamination is getting to be an old subject. I do not propose to repeat already threadbare statements. But I want to call attention to the fact that most of our dairy products, representing in value hundreds of millions of dollars, are made on our dairy farms and are of inferior quality. More than this, most of the inferiority of quality in both farm and factory products is due to milk contamination. The importance of cleanliness of cows, stables and utensils has been emphasized so often that it ought to be known to every one who has eyes or ears.

But one of the newer ideas of reducing contamination of milk is not generally known. It is the use of the small top milking pail. Based on sound common sense that prevention is better than cure, this is the coming idea in sanitary milk production. Remember that half the ordinary dirt getting into milk is soluble and that more than half of the teeming millions of bacteria readily pass through strainers.

To Avoid Stable Dirt.

During the milking dust and larger dirt particles are constantly settling into the pail even though care is taken to clean the cow and to avoid dust in the stable air. It is most reasonable to reduce the size of the opening through which the dirt falls into the milk. It should be reduced just as much as the interest and patience of the milker will permit. Chance for contamination is reduced more than one-third when the diameter of the opening in the milk pail is changed from twelve to nine inches, and it is reduced three-fourths when the opening is changed from twelve to six inches. Experience shows that great improvement can be made without any inconvenience to the milkers. Every inch of reduction helps.

We have become so accustomed to ordinary milk for butter and cheese making that we fail to realize what really good milk means for these products. Experiments made by Mr. Hall in New York show that a larger yield and better quality of cheese can be made from sanitary milk than from the product of the ordinary dairy. To his own surprise there appeared to be absolutely no fat lost at the press when cheese had been made from 5.5 per cent "certified" milk.—Professor R. A. Pearson in Kimball's Dairy Farmer.

Planting Abandoned Lanes.

Passing through the country we often notice long lanes leading from the milk yard back into the pastures. Many of such appear to have been in use for many years, until from the excess of plant food present there is scarcely any grass visible. This practice could be improved by making one permanent center fence, wire preferable, and put up a movable one to one side, causing a lane of liberal width which should correspond with size of dairy. After three years move this fence over to the other side of the center one. Plant the abandoned lane two years in succession to corn fodder. Follow the next year with grain and stock to clover; keep on making these three year rotations, and with but a very small expense what now is a constant waste will be turned to cash.—S. Gordon, Clinton County, N. Y.

BUTTER AND MILK.

Milk separated on the farm can often be kept sweet longer than that which comes home from the creamery. It is not brought in contact with other and more carelessly cared for milk and

is consequently worth more for feed.

Branding of Butter.

A speaker at a recent buttermakers' convention said: I have sold butter under my own brand for the past twelve years and know that it has meant much to me in the way of obtaining not only prices, but weights. The branding of butter means as much as the branding of flour. The man that goes out to buy Big Joe will not go home with the Gold Medal. If he cannot get his brand at one store, he will go to some other to find it. If you have your own brand on the butter the grocer cannot palm off some other brand on his customers that are used to your make. The result is they will go to some other store in search of their favorite make.

Temperature to Separate.

The warmer the milk the more fluid it is. It is a rule adopted by all creamerymen in operating power machines that the milk must be separated at a temperature above 85 degrees. Cold milk is more viscous or less fluid than warm, and the cream will not separate so readily. If this is true of power machines, where everything runs more uniformly than is possible with a hand machine, it is certainly true of the hand machine.—Professor E. H. Webster.

How Prize Butter Was Made.

George H. Bristol, who won the first prize on dairy butter at the Illinois State Dairyman's association, says of his dairy methods: I keep only Jersey cows and endeavor to have my stables and all dairy utensils as clean as possible. I feed and milk regularly, giving ground feed (corn, oats and bran mixed) for the grain ration and for roughage shredded corn fodder and alfalfa hay. I use the De Laval separator, keeping the cream at about 50 degrees F. I warm it up to 63 degrees twelve hours before churning, and then churn to granules about the size of wheat. I then draw off the butter-milk, wash twice in clear well water, salt about one and a quarter ounces to the pound, work a little in the worker and then pack.

Milking Stools.

Every milking stable should be fitted up with plenty of good milking stools and proper places to keep them. It is astonishing how some dairymen manage to get along year after year with the makeshifts that are found in stables. Rickety old boxes that are black with filth, broken stools of almost any type or variety, and no place to keep them out of the dirt or out of the way. It is easy to make a good milking stool, and the cost is not great. With the proper material and a few hours' time a good comfortable lot of stools may be easily provided.

MAGAZINE READERS

SUNSET MAGAZINE
beautifully illustrated, good stories and articles about California and all the Far West. \$1.50 a year

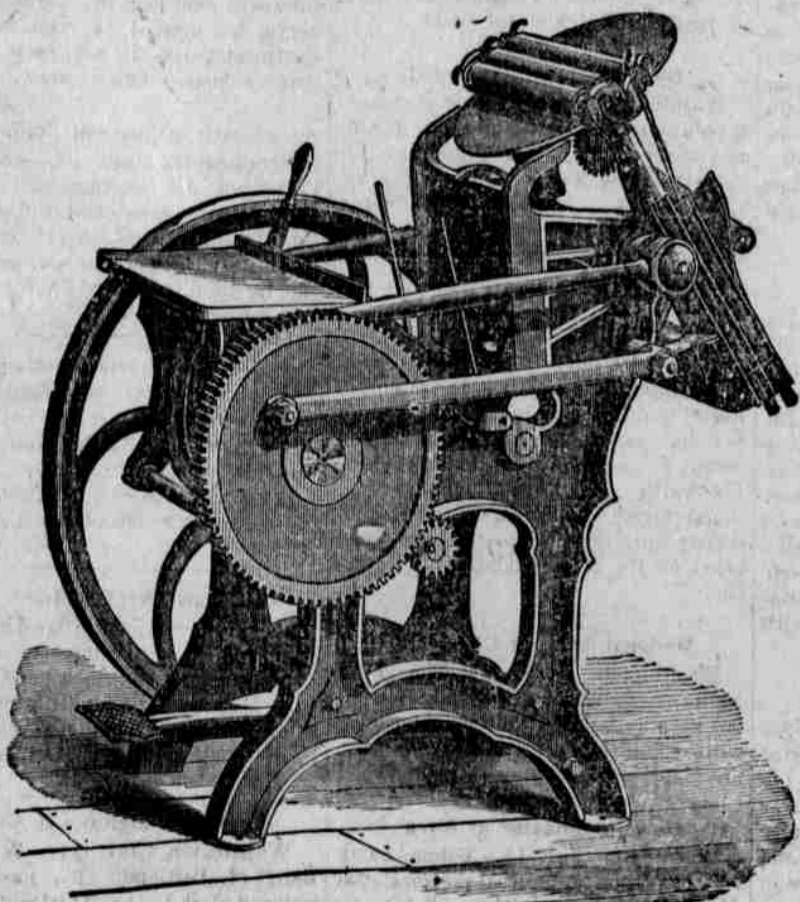
CAMERA CRAFT
devoted each month to the artistic reproduction of the best work of amateur and professional photographers. \$1.00 a year

ROAD OF A THOUSAND WONDERS
a book of 75 pages, containing 120 colored photographs of picturesque spots in California and Oregon. \$0.75

Total . . . \$3.25

All for . . . \$1.50

Address all orders to
SUNSET MAGAZINE
Flood Building San Francisco



Our Job Department is always busy.

Women always arise to the occasion. A man died recently of a very ordinary liver trouble, and the widow insisted on the newspapers saying it was a brain affection. Some people do not think it dignified to have livers.

By special arrangement we are able to offer the following clubbing rates in connection with The Wheatfield:

Weekly Oregonian . . . \$2.00
Semi Weekly Journal . . . 1.75
McCall Magazine . . . 1.25
(The Queen of Fashions)

The right is reserved by the publishers of the above papers to cancel these prices at any time. In order to secure these reductions subscriptions should be sent in at once.

ESTRAY NOTICE

Notice is hereby given that one bay mare, branded Y. D. on left shoulder, left front foot clubbed, age about 12 years, came to my enclosure, and that unless sooner redeemed, the above described animal will be sold to the highest bidder, for cash, at my ranch, 6 miles southeast of Lexington, at 2 o'clock p. m., on Friday the 19th day of July, 1907. A. M. Zink.

The Wheatfield has just completed arrangements with the Oregon Journal whereby we are able to furnish the Oregon Daily Journal, including the Sunday issue, and The Wheatfield, one year \$7. The Daily Journal and Wheatfield one year \$5. The Semi-Weekly Journal and The Wheatfield one year \$1.75.

LEXINGTON

An incorporated town with a population of 350, is located on the Heppner branch of the O. R. & N., thirty-five miles from the main line, on the most beautiful spot in the fertile valley of Willow Creek. Lexington has an excellent graded school, two churches, a splendid water system, electric lights, creamery, flouring mill, good hotel, two general merchandise stores, drug store, two saloons, two blacksmith and repair shops, lumber and wood yard, large grain warehouses, barber shop, bank, livery stables, meat market, newspaper, numerous secret societies and a number of good substantial business blocks and beautiful residences. Lexington is the natural marketing point for a large portion of Morrow County's wheat crops, and the surrounding country is rapidly gaining prestige as a dairying community.

Lexington's greatest need is: "MORE PEOPLE"
For further information relative to lands, climate, etc., address
THE WHEATFIELD,
Lexington, Oregon.

Pineules are for the Kidneys and Bladder. They bring quick relief to backache, rheumatism, lumbago, tired worn or feeling. They produce natural action of the kidneys in filtering waste matter out of the blood. 30 days treatment \$1.00. Money refunded if Pineules are not satisfactory. Sold by W. P. McMillan.

60 YEARS' EXPERIENCE

PATENTS

TRADE MARKS
DESIGNS
COPYRIGHTS & C.

Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. HAMBURG, on Patents sent free. Oldest agency for securing patents. Patents taken through Munn & Co. receive special notice, without charge, in the

Scientific American.
A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsdealers.
MUNN & CO., 361 Broadway, New York
Branch Office, 627 F. St., Washington, D. C.

WIND RIVER LUMBER CO.

DEALERS IN

Lumber, Sash, Doors, Windows, Lime,
Cement, Coal and Wood

C. O. BURROWS, MANAGER

LEXINGTON,

OREGON

THE CHARMING WOMAN

is not necessarily one of perfect form and features. Many a plain woman who could never serve as an artist's model, possesses those rare qualities that all the world admires: neatness, clear eyes, clean smooth skin and that sprightliness of step and action that accompany good health. A physically weak woman is never attractive, not even to herself. Electric Bitters restore weak women, give strong nerves, bright eyes, smooth, velvety skin, beautiful complexion. Guaranteed by W. P. McMillan Druggist 50c.

BANKRUPT NOTICE

In the District Court of the United States for the District of Oregon.
In the Matter of Melvin V. Logan, Bankrupt, In Bankruptcy.

To the creditors of Melvin V. Logan, of Cecil, Morrow County, Oregon and District aforesaid, a bankrupt.

Notice is hereby given that on the 1st day of July, A. D. 1907, the said Melvin V. Logan was duly adjudicated bankrupt, and that the first meeting of his creditors will be held at Arlington in Gilliam County Oregon in the office of the undersigned J. E. Burdett, Referee, on the 19th day of July, 1907, at nine o'clock in the forenoon, at which time the said creditors may attend, prove their claims, appoint a trustee, examine the bankrupt and transact such other business as may properly come before said meeting.

JAMES E. BURDETT,
Referee in Bankruptcy
Dated this 8th day of July, A. D. 1907.

SUMMONS

In the Circuit Court of the State of Oregon For the County of Morrow.
Peter M. Christenson, Plaintiff,

vs

Mittie Christenson, Defendant.

To Mittie Christenson, the above named defendant:
In the name of the State of Oregon: You are hereby summoned and required to appear and answer the complaint of plaintiff in the above entitled suit now on file in the office of the Clerk of the above court within six weeks from the date of first publication of this summons.

You will take notice that if you fail to appear and answer as herein required, plaintiff will apply to the Court for the relief demanded in his complaint, as follows:

That the bonds of matrimony now and heretofore existing between yourself and plaintiff be forever dissolved and held for naught, and that plaintiff have an absolute divorce from you, said defendant, and for such other relief as may be meet and equitable.

This summons is published by order of Hon. T. W. Ayers, County Judge of Morrow County, Oregon, made July 9, 1907, directing same to be published once a week for six successive weeks in the Lexington Wheatfield, a weekly newspaper published at Lexington, Morrow County, Oregon, and the date of first publication of same is July 11, 1907.

C. E. WOODSON,
Attorney for Plaintiff.

BEST MEDICINE IN THE WORLD FOR COLIC AND DIARRHOEA

"I find Chamberlain's Colic, Cholera and Diarrhoea Remedy to be the best remedy in the world," says Mr. C. L. Carter of Skirum, Ala. "I am subject to colic and diarrhoea. Last spring it seemed as though I would die, and I think I would if I hadn't taken Chamberlain's Colic, Cholera and Diarrhoea Remedy. I haven't been troubled with it since until this week, when I had a very severe attack and took half a bottle of the twentyfive cent size "Chamberlain's Colic, Cholera and Diarrhoea Remedy, and this morning I feel like a new man." For sale by W. P. McMillan, Drug Store.

UNITED ARTISANS Lexington
Assembly No. 88, Meets every Saturday night in Artisan hall.

Ethel Wilcox, Sec. C. W. Christenson, M. A.

REBEKAH.—Holly lodge No. 139 Lexington. Meets the first and third Tuesday of each month at 7:30.

Mrs. Mary Thomas Sec. Mrs. E. J. McAllister N. G.

THE M. W. OFA—Excelsior Camp. No. 9873, meet in Artisan Hall every 4th Tuesday night of the month.

E. E. Thomas, Clerk. F. F. Klitz, V. G.

M. E. Church South

Preaching every second and fourth Sundays, both morning and evening. Sunday school every Sunday at 10 a. m. Epworth League at 6:30 every Sunday evening. Every one cordially invited to attend these services.

REV T. P. GRAHAM, Pastor.

C. C. CHICK, M. D.

PHYSICIAN AND SURGEON

Diseases of Women and Children a specialty. Calls answered promptly Day or Night.

IONE, OREGON

F. H. ROBINSON

ATTORNEY AND COUNSELLOR AT LAW
NOTARY PUBLIC

Practice in all Courts. Legal business given prompt and careful attention. Land Contests, Probate Work and Conveyancing a specialty.

IONE, OREGON

O. R. & N.

UNION PACIFIC
OREGON SHORT LINE

AND UNION PACIFIC

TO
Salt Lake, Denver, Kansas City, Chicago, St. Louis, New York.

Tickets to and from all points of the United States and Europe.

Trains Leave Lexington, Daily, except Sunday, 11:05 A. M.

Trains Arrive at Lexington, Daily, except Sunday, 5:10 P. M.

Sunday Mail departs 11:50 A. M.

Sunday Mail arrives 4:05 P. M.

Trains Connect at Heppner Junction with Main Line trains for all points East and West.

WM McMURRAY, G. P. A.

Get Your Name on

The Wheatfield List

Advertise in The Wheatfield.