

AT MILKING TIME.

Letting a Bay of Sunlight Into the Cow Stable

falling dust, dirt and actual filth could then be seen (as it could be seen in many stables were the light thus turned on), there ought to be no further uncertainty in the minds of these careless-to use no stronger word-persons as to the poor keeping qualities of their butter, its frequent "off" flavor and its generally inferior character, though a knowledge of this inferior character usually comes by way of those who buy the butter, as those who make it appear very frequently blind to its imperfections. It is useless to expect to secure a prime quality of butter by paying strict attention to the matters of temperature, ripening of the cream, churning and scrupulous cleanliness in all the operations of butter making, highly important as are all these things, if filth has been allowed to get into the milk during the process of milking.

I am quite sure that butter makers are to a very large extent unmindful of this most serious cause of failure, or more vigorous measures would be taken to bring the milk from the stables free from impurities. How many farmers carefully sweep off daily the floors on which their cows lie to keep the filthy dust from accumulating beneath them, to become mingled in their coats every time they lie down, only to be shaken out in clouds -often invisible clouds, owing to the semidarkness of the cattle stalls-whenever the process of milking occurs? How many farmers thoroughly brush the sides and the whole under portion of each cow before she is milked, to say nothing of washing the udder and wiping it thoroughly with a towell

Well, from my observation, I fear the number is limited. It is much more common to see the farmer or his hired men enter the stable in the morning, scrape the manure back into the gutter, more to keep from soiling their own feet apparently than for any other reason, then with a few passes of the hand across the cow's udder begin the process of milking, the dust sifting down into the pail with every movement of the hands. What does it mean when "settlings" are found at the bottom of every pan of milk; when the strainer of the strainer pail becomes continually clogged; when the milk has frequently what is erroneously styled a "cowy" odor?

Without mincing matters any, it means that there is manure in the milk, and if it were actually known how little milk is carried from the stables of the land without having in it a greater or less quantity of such filth it would make a great many people shudder, including some of the butter makers themselves.

What is the use of people saying or thinking it is only a little fine dust that gets into the milk pan? Where did the dust come from, and of what is it composed? It is simply the excrement of the pulverized by the stant action of their feet.

But this is not all. The milker's hands very commonly come to the milking task unwashed. And in the slovenly way in which much milking is done their hands are wet again and again with the milk, by which many impurities are conveyed into the milk pail. It is by such a wretched kind of milk that thousands fail to secure good butter, and I am confident that a very large per cent of these would change their course of action were the matter made plain before their eyes. Hence I have not minced matters in calling attention to the subject.

The utmost cleanliness must be practiced in the whole milking process if good butter is to be secured. Strict attention must be paid to all the details of butter making, but this is one of the most important of all. The cow stalls should be carefully and thoroughly swept each day and the cows thoroughly brushed at least 10 minutes before milkbrushing the udder, if washing that organ appears to the dairyman's mind to be altogether out of the question.

thus washing the cow he should at least teeted by heavy canvas or cloth, as the be willing to wash his own hands care. friction is apt to wear off the bark and fully before sitting down to the task, so work injury to the tree. The manure having been all removed from the gutter and some dry loam or plaster scattered over the moist surface of the plank or cement, and the whole apartment well aired, the work of milking may be carried on in a cleanly manner, and the extra care given will pay a soft cloth out of it and rub the child big money.-Practical Dairyman.

Ropy Cream.

Ropy cream is a fermentation pro-duced by the growth of certain maley-water applied in an almost scalding olent bacteria which obtain access to temperature will sometimes answer. the milk and cream after milking. The disease is not caused by conditions of feeding, but by the action of infinitesimal living organisms that get into the milk and there thrive and growuntil change in the fluid that is commonly designated as "ropiness or stringiness.

In all probability the trouble lies in to time in this way. Thorough sterili- ing up. zation of the vessels, either by baking at least an hour in a hot oven or steaming in boiling steam from one to two hours. will effectually destroy this bacterial germ. Immediate cooling of the milk dipped in boiling water and partially in ice water and scrupulous cleanliness in handling it at all subsequent times rapidly ironed with as hot a flat iron as tion of these germs.

HOW TO MAKE AN INVALID'S BED.

Simple Directions Which Are of Great Use In the Sickros

Having the bedding at hand, pin the lower sheet in place, stretching carefully and pinning underneath the mattress, that the smooth surface beneath the patient may not be readily worked into wrinkles. Now fold the draw sheet sswise and lay on the under. Pin on It would be a valuable object lesson each side to mattress and spread on the to agreat many butter makers if a stream | upper sheet, leaving a little loose for of clear snulight could fall upon the air the feet and long enough to turn over shows the milk paths when their cows are blanket at top. Have the blanket long being milked, particularly when the cows enough to tack around patient's neck have been lying down in the stable since and counterpane long enough to fold the previous milking. If the clouds of over the same length as sheet, the blan-

Beat up pillow smooth. Then turn back counterpane, blanket and sheet, leaving the sheet folded so that it will come next to the chin. In changing the bed where the patient is too weak to be removed roll carefully to one side of the bed, putting one hand against the invalid's shoulder and the other against the hip. Now, keeping the patient well covered, unpin lower and draw sheets on the vacant side and roll up against the patient in lengthwise folds. Replace with fresh sheet and draw, pin smoothly in place, roll the patient gently over on the clean side, still protected with upper sheet, unpin and take off soiled lower sheet and draw, pull the fresh ones in place and pin. Now put clean upper sheet over the soiled one, tuck in and then reaching under remove the soiled one. Lift the head gently and change the pillows, beating and smoothing as before.

To change the nightdress roll up the skirt part to the shoulders, take off sleeves, slip over head and off. Have In the County Court of the State of Oregon, for the fresh one ready, warmed and afred. Put arms in first, then lift over the head, pull down under the shoulders to whom it may concern:

A No. I Stock Ranch. and smoothly nuder hips, and you will

have your patient freshly changed with comparatively little trouble to the nurse and with infinite comfort to the patient.

How to Make Turkish Dessert.

Heat a pint of milk in a double beiler, moisten 3 tablespoonfuls of rice flour with a little milk or cold water and use to thicken the milk. Add 4 tablespoonfuls of granulated speed of the settlement of said float report and the heating and attentioning of any and all objections thereto.

CHRISTIAN HEISER, Administrator of the settlement of said float report and the heating and attentioning of any and all objections thereto.

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How to Renew Hat Feathers.

Light colored feathers can be washed in benzine without losing their curl or or. They should be swung in the air until dry. Another plan is to wash them in warm water and castile soap, rinse in the County Court of the State of Oregon for three times; reas through a person well. three times; pass through a warm solution of oxalic acid and then lightly starch. Dry in a warm room by lightly beating each feather against the hand. To curl estrich feathers have a dull knife, with the top hollowed out near the point. Hold feather over a fire, shaking gently until warm. Then, holding the feather in left hand, place the fiber between the thumb and knife edge, and draw it along quickly, enrling the end only. If feathers are damp, the curl may be retained by holding the hat over the fire and waving it until dry. Then place in a cool room for the fibers to stiffen.

How to Kill Cockroaches.

A housekeeper who was recommended to try encumber peeling as a remedy for cockronches strewed the floor with pieces of the peel cut not very thin and watched the sequel. The pests covered the peel in a short time so that it could not be seen, so voraciously were they engaged in sucking the poisonous moisture. The second night this was tried the number of cockroaches was reduced to a quarter, and none was left alive on the third night.

How to Swing a Hammock.

The head of the hammock should be about 612 feet from the ground and the foot end about 3% feet, a curve which secures to the occupant the greatest possible ease of position. The foot rope should be about three times as long as the head rope, the purpose being to give the lower part of the body freedom in ing, particular attention being paid to swinging, while the head remains comparatively stationary. The ropes with metal catches are to be preferred. Where trees are used to support the rope bear-But if the milker sniffs at the idea of ings, the branches should be well pro-

How to Relieve Prickly Heat.

If the baby is broken out with heat and is very restless, put a teaspoonful of baking soda in a pint of water as hot as you can bear your hand in and wring all over with it. It may take a second and even a third application, but it nearly always allays the itching. Be

How to "Favor" Tired Feet. For those who must stand on their feet to work during the hot days, when the feet have a tendency to swell, much they bring about this peculiar chemical relief will be found by using cushions in front of the table where they stand. These may be made with several thicknesses of old cloth, bagging, carpet linthe fact that the vessels in which the ing or horse blanket, stitched together milk is placed, either during the milking | and covered with old carpet or drugget, or subsequently, are infected with these the edges turned in and overhanded, and organisms. Ordinary cleaning will not the whole then tacked like a comfortasuffice to rid the vessels of these germs, ble. Hang it up by two loops when In the matter of the estate of Agusta Melcher, and the disease is transmitted from time not in use, to keep the edges from curl-

In France, instead of using starch on table naphins, after they are washed and dried and ready to be ironed, they are wrung out between clothes. They are will prevent the growth and multiplies. Possible without burning them. They will be beautifully stiff and glossy.

SHOW THE WAY OF THE PROPERTY O

NOBLETT'S STABLES. Livery, Feed and Sale Stable

ORECON CITY.

LOCATED BETWEEN THE BRIDGE AND Two-hundred Acres, Double and Single Rigs, and saddle horses always on hand at the lowest prices. A corrall connected

with the barn for loose stock. Information regarding any kind or stock promptly attended to by person of Several pieces

Horses Bought and Sold. Horses Boarded and Fed on reason able terms.

NOTICE OF FINAL SETTLEMENT.

NOLICE IS HEREBY GIVEN, THAT THE

NOTICE OF FINAL SETTLEMENT. In the County Court of the State of Oregon for thackamas County,

In the matter of the estate of R. C. Ringo, de-

Cossel.

Office is Hereby Given that I have filed my limit report as excentor of said estate in the above entitled court, and the court has appointed the near of 10 o'clock a.m. of Tuestay the lift day of November, 1800, as the time for hearing objections to said report if any there are, and for a final settlement of said estate

Rosem L. Rivao,

Executor of the E-tate of H. C. Ringo, deceased,

George L. Story, Att'y for Executor.

Dated September 28, 1890.

9-27:10-25

ADMINISTRATOR'S NOTICE.

In the matter of the estate of Whalen C. Groff deceased.

Tracts are selling at \$3

NOTICE IS HEREBY GIVEN, THAT THE undersigned was, by the above entitled evert, on the 25d day of September, 1826, appointed administrator of the estate of Whalen C. Groff, deceased, and has duty qualified as such. All persons having claims against said eata e are hereby pottined and required to present the same to me, duty verified, with proper vouchers, at the law office of T.H. Ward, McKay Building, Fortiand, Oregon, within aix months from the date of this notice. C. E. WEST. Admir of the estate of Whalen C. Groff, dec d.

This is a snap. Adm'r of the estate of Whalen C. Groff, dec d Dated Sept. 27, 1896. 9-27; 19-25

NOTICE IS HEREBY GIVEN, THAT THE undersigned have been openited by the County Court of Clarkamas Sounty, state of Greco, executions of the state of Robert Canfield, dece sed. All persons having claims against said esixts are hereby not field to present the same duly verified or payment to the underwigned at the Bank of Oregos City in Oregos City, Oregon, within six mouths from the date of this notice.

JANE CAUFIELD,
GHARLES H. CAUFIELD.
Excentors of the estate of Robert Cauneld, dec'd.
Dated Ovegon Cir. Ovegon, Sept. 27, 1895.

SUMMONS.

Annie M. Hamer, Plaintiff, vs. Oliver P. Hamer Delendant.

To Giver P. Hamer, the defendant above named IN THE NAME OF THE STATE OF OREI gon, you are bereby required to appear and answer the compiant of the above name of plaintiff in the above entitled cause how on alle with the clerk of the above entitled court, on or before the first day of the next regular term of said court next following the expiration of the time prescribed in the order of publication of this summons, to-wit. On or before the 4th day of November, 1806, and you are hereby notified that if you fall to appear and answer said complaint as hereby required, plaintiff will pear the court for the relief demanded in the compial t, to-wit; that the bonds of matrimony necroforce existing between the plaintiff and defendant be of solved, and that plaintiff have the case, custody and control of her three youngess union cultiden.

This summons is published by the order of Hom Henry E. McGine, acting for Hon T. A. McRoide, judge of the above cut tied court duly made at Poet and, Oregon, on the 18th day of repriemb r. 1806.

E. R. SKARBOOK.

9-20:141 To Gliver P. Hamer, the defendant above named

NOTICE OF FINAL SETTLEMENT. In the County Court of the State of Oregon for the county of Cieckamas,

In the matter of the estate of Charles Knught, NOTICE IS HEREBY GIVEN, THAT THE office is Hereby Given, that the of Charles Knight, deceased, has filed her final account and report as such administrator in the country court in and for Clackamas country. Oregon, and that saturday, the 26th day of October, 1880, at 10 o'clock A. M., by said country court, has oeen fixed and appointed as the time and piace for the settlement of the same and the learning and determining of any and all objections thereto.

CATHEBINE ENIGHT, GRO. C. BROWNELL, Atty. for Admr. Administrator 9-20:11-15

ASSIGNEE'S NOTICE.

Notice is hereby given, that henry without merchant at Eagle Creek, Cackanas county, orecon, an insolvent debtor, has duly assigned all his property for the benefit of his creditors, to the undersigned, under the general assignment laws of Oregon. All creditors of said assignment required to present their claims, duly verified, to me at the office of C. D. & D. C. Latouretts, my attorneys in Ore on City, Oregon, within three months from this date.

C. B. SMITH, Assignee aforesaid, Dated October 5, 1895.

10-4:11-8

ADMINISTRATOR'S MOTICE.

In the County Court of the State of Gregon, for the County of Clackamas.

NOTICE IS HERREBY GIVEN, THAT THE NOTICE IS HERREBY GIVEN, THAT THE understrated has been appointed executor of the last will and testament of Agusta Molcher deceased, by the county court of Clackanas county, State of Orogon, on the 14th day of September, 1855. All persons having claims against the estate of the said Agusta Molcher, deceased, are hereby notified to present the same duly verified for payment to the understagned at Stefford, Clackanas county, Orecon, or at the office of Leachanas county, Orecon, or at the office of Leachanas county, Orecon, within all months from this date.

PHILIP A, BARKER, Executor,
Dated Sept. 20, 1895. Gro. C. Brownell.

Any for Executor,
POTLAND,

CHEAPER TO OWN

A HOME

One to five acre tracts.

Ten Acres,

Of improved residence property, inside. Over 200 lots, inside and suburban. Price from \$75 to \$200. When you can buy a lot within a few blocks of your work it is certainly wise to buy one and quit paying rent.

350 Acres-20 acres in meadow, 15 acres cultivation, 35 slashed. 2 houses, 2 barns.

Forty Acres

Twenty-five Acres,

Five acre tracts,

212 miles from suspension bridge, 3 scres cleared, small house, fine spring water, splendid place for poultry, Price only \$450. Terms easy. This is a snap.

Three Pieces of Business Property, On Main street, Oregon City,

improved and paying monthly Twenty Acres,

Part light brush, balance good timber. Water by creek.
Farm for fruit, vegetable or
Poultry Farm. 2) miles from
town Good road. Price only
\$650, part cash, balance on long time at 6 per cent.

Fifteen Acres,

7 Fenced and cleared. Good spring water. 3 miles from Orezon City. Price, \$750. Five Room House

to rent; on a level with Main street, and near business part of the street. Ten acres on West Side,

134 miles from suspension bridge, 34 mile from where land is selling at \$500 to \$1000 per acre. This will be sold at a bargain.

A splendid home

In Oregon City, good two story house, basement, wood stied, cellar and green house 5 Lots set with a good variety of fruit trees, now bearing. Below the bluff and within half block of Electric Line. Price \$2500.

Apply to C. O. T. WILLIAMS OREGON CITY, OREGON.

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Quick, accurate, cheap. All the satisfaction of a personal communication. Distance no effect to a clear understanding. Spokane as easily heard as Portland.

-Oregon City office at -

Huntley's Drug Store. J. H. THATCHER, MANAGER, Oregon. BALE ON EXECUTION.

In the Circuit Court of the State of Oregon, for the County of Clackamas. Willemet fron Works plaintiff, vs. M. K. Shipley and J. H. Kruse defendants. State of Oregon, County of Clacksmas, vs.

Williamet from Works plaintiff, vs. M. K. Shipley and J. H. Kruse defendants.

NOTICE Is HERRENY GIVEN THAT BY trime of an execution and order of each issued and of the circuit court of the State of ORE.

RENT ONE.

TO RENT ONE.

TO RENT ONE.

Cleared, uncleared and some set to fruit. This property and joins the Chautauqua grounds at Gladstone park. It is only 12 minutes walk from the motor line, and very desirable.

Acres,

4\(\) in caltivation, 1\(\) slasshed. House with 4 roums. 85 fruit trees now bearing an abundance of berries, watered by creek. Good roads to Portland and Oregon City. \$850. hundred Acres.

100 fenced—45 in cultivation, balance open brush land. 2 houses and 2 barns. 6 miles from town price, \$16 per acre.

ral pieces

Of improved residence property, inside. Over 200 lots, inside and suburban. Price of the REAL of Cleakans are of the county of the county of the county in the property in wide of the donation land claim is seen to the county of the county of the county of the right, title and the right and the circuit court of the county of the real of the figure and the first of the figure and the first of the county of the real of the grant of the cleak of the circuit court of the State of Oregon, county, figure of takens, sea planting and m. Williamet from where a planting and will be considered to the first of the demands at the lattle of August, 1896, in a suit when the circuit court of the state of the county and the first of the county and the

NOTICE IS HEREBY GIVEN, THAT THE undersigned has been appointed by the County Court of Clackamas country, state of Oregon, executrix of the estate of Edward Ross Charman, deceased. All persons baving claims against said estate are hereby notified to present the same duty verticel for parment to the undersigned at my residence in Oregon City, Oregon, within six months from the date of this notice. MATILDA CHARMAN, Executrix of the estate of Edward Ross Charman, do 'd. Dated Oregon City, Oregon, Sept. 27, 1886.

9-27-10-25

SHERIFF'S SALE. slashed. 2 houses, 2 barns.
Plenty of running water, Frice \$3250.

In the Circuit Court of the State of Oregon, for the County of Clackamas.

John H. Hickinsan Plaintift, va. E. W. Eaton and Eva A. Eaton defendants.

State of Oregon, County of Clackamas, sa.

Acres

S in cultivation, 6 acres slashed—200 fruit trees spring water. 4 miles from town, Price \$1000

Aty-five Acres,

16 in cultivation, 7 acres of beaverdam land, excellent for growing onions. Small orchard. House 1 lg story, 6 rooms with pantry, Barn,place all fenced—all improvements new and good. Good road to Portland and Oregon City. Only 2 miles to R. R. station. Crop goes with place if sold soon. Price, \$1250,

acre tracts,

Near Oak Grove, on East Side motor line. Price \$125 per acre. This property is within a shortdistance of where small tracts are selling at \$300 and \$400 per acre.

Mexican

for Burns, Caked & Inflamed Udders,

Piles, Rheumatic Pains, . Bruises and Strains, Running Sores,

Inflammations, Stiff joints,

Harness & Saddle Sores, Sciatica,

Lumbago, Scalds, Blisters, Insect Bites,

All Cattle Allments. All Horse Ailments, All Sheep Ailments,

Penetrates Muscle, Membrane and Tissue Quickly to the Very Seat of Pain and Ousts it in a Jiffy. Rub in Vigorousiy.

> Mustang Liniment conquers Pain, Makes flan or Beast well again.



The "ERIE foll description, prices, etc., AGENTS WANTED.
PLTALUMA INCUBATOR CO., Petaluma, Cal.
BEANCH HOUSE, 231 S Main St., Los Angeles.

E. McNeill, Receiver.

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ST. PAUL. Kansas City. Low Rates to all

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Fast mail train leaves Portland daily at 8:45 p. m.

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Full Measure of Feed - At the -

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TO POINTS IN Liniment Washington, Dakotas, Minneson Montana, And the East.

Through Tickets on Sale CHICAGO, ST. Louis.

WASHINGTON, To and From PHILADELPHIA, NEW YORK, BOSTON. And all points in the

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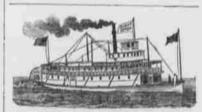
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of the Round frip tickets with stop over privileges and choice of return routes. Fast mail train leaves Portland daily at 8:45 p. m. over O. R. & N. Co.'s road for all

points on our lines For further information call upon or write. C. C. DONAVAN, General Agent, 122, Third Street,

Portland, Ore.

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Will leave Portland, foot of Washington Street, for Clatskanie and way landings, Monday, Wednesday and Friday mornings at 6 o'elock, and return to Portland Tuesdays, Thursdays and Saturdays This the most direct and accessable route to the Nehalem Vally-only

nine miles from Clatskanie. Shaver Transportation Co.

Steedman's Soothing Powders. For Children Cutting their Teeth. IN USE OVER FIFTY YEARS.

Relieva Feverish Heat, prevent Fits, Commissions, and preserve a healthy state of the constitution — __ during the period of teething.