

THE DAIRY
CREAMERYMAN AND PATRON.

Every Step From Pasture to Butter Tub Must Be Understood.

It is clearly good policy and good sense for the directing head of the creamery to post up in every step from the pasture to the butter tub, and the fact that he is master of the business from A to Z...

Here is a subject we commend to all creamery men for careful attention. It is to forewarn against the fall shrinkage of the past three or four years. A ride through the dairy districts last September was enough to give a person the blues...

Now, if our co-operative creamery companies will this year inaugurate a general movement in raising sweet corn, they will always look back to 1903 as a red letter year. If all creamerymen will call the attention of their patrons to the convenience and cash producing qualities of sweet corn...

In localities where farmers have had no experience in raising sweet corn the best advice to give them is unquestionably to raise it just as they do their ordinary corn, except that 50 per cent more seed may profitably be dropped in each hill. Let them plant in rich ground after, not before, the ground has become well warmed...

An Illinois Creameryman's Way.

The Rural New Yorker sent a list of questions to some of the prize creamerymen of Illinois, asking information as to their particular methods of butter making. Below is the answer given by one of them:

I will venture the opinion that mixing cream of any kind at different stages of ripeness will give an uneven grain to the butter, which will consequently be more likely to be mottled, owing to the uneven distribution of the salt, and the churning, too, will be less effectual...

We buy the whole milk, which is delivered every morning, none of it coming from a greater distance than two miles. I think, however, securing this cream by the use of small separators, where milk would have to be brought quite a long distance, would be far preferable to getting it by the gravity process.

I have tried heating the cream to 150 degrees for experiment's sake and got a little better yield of butter—that is, less fat was left in the buttermilk—but I fancied the butter was not quite so well flavored. We don't store butter. It doesn't pay.—J. L. Heise.

Did Your Silage Freeze?

Professor F. H. King of the agricultural experiment station at Madison, Wis., wants dairymen and cattle breeders everywhere to send him answers to the questions in the following circular:

In the last annual report of this station, page 249, it was indicated that we needed the experience of a severe winter to settle the question, "What special construction is required in our climate to prevent silage from freezing?" This winter has been so severe that the evidence bearing on the freezing of silage should be ample to settle all practical questions relating to freezing, if only a sufficient number of reliable accounts of individual experience can be collected. It is with this object in view that this circular of inquiry is mailed to you.

- First—How is your silo situated with reference to other buildings?
- Second—What is the construction of the silo walls?
- Third—Has your silage frozen at any time during the winter?
- Fourth—Where has the freezing occurred?
- Fifth—How many inches in from the walls has it frozen?
- Sixth—Has the freezing in any way damaged the silo walls?
- Seventh—Where silage has frozen has it remained so through warm periods?
- Eighth—How have you managed your frozen silage?
- Ninth—Does your freezing result in any serious waste of silage?
- Tenth—Have you observed that freezing injures the silage for feeding?
- Eleventh—Give any additional facts bearing on this subject which may appear to you of value.

Does Dairying Pay?

We find that it requires 23 pounds of milk from the average dairy to make a pound of butter. Now, if the average cow produces 3,500 pounds of milk, and it takes 23 pounds of it to make one of butter, we find she has produced 152 pounds. We also find that the average price for butter during the past three years, received by dairymen, to be about 23 cents, or about \$35 for the annual income of the average cow. I will leave it with you to say, "Does dairying pay?"

I should say the income of the average cow should be at least \$50 to make dairying a prosperous business. The dairy is about the only industry that will pay the farmers of this country, and I want that fact to be known. "What shall we do?" And echo answers, "Keep better cows!" —C. W. Jennings.

HOW TO CARE FOR CLOTHING.

The Art of Keeping Clothing Fresh and Shapely.

When a lady takes a heavy dress off, she should shake the skirt lightly, pass a brush through its silk ruffles and remove every particle of dust from both material and trimmings. It is then slipped over a wire rack to prevent limpness in hanging, a big violet sachet is suspended inside and the whole enveloped in a long, loose, white cotton bag that draws up with strings and keeps it clean, crisp and perfumed for future use.

After brushing a waist lay it at full length, pull out its bows, pass the lace through the fingers and smooth every inch of ribbon. Next stuff the sleeves and shoulders with tissue paper, crushed lightly, to hold the garment in good shape. Unless you have tried this scheme you have no idea how it preserves the fine lines and freshness of basque or jacket. Another important rule is never to put a bodice away with a tarnished neck ruche or stained shields. One is always less hurried when disrobing than dressing, and it is impossible to infuse clothing with that delicious subtle fragrance every woman covets unless she is as idly dainty in these details.

Never take off a pair of boots without immediately lacing or buttoning them on their trees and rubbing them thoroughly with a soft flannel cloth.

Treated thus shoes will wear six months longer than ordinarily and are always shapely and brightly polished. Use cast off evening gloves to protect the toes of patent leathers. By cutting off the fingers and slipping the suede up over the foot of the shoes they are protected from sudden changes of temperature and dust, both of which cause them to crack badly.

Bonnets and hats should rest upon upright wooden pegs, with flat flaring tops that hold them firmly and are not so apt to allow crushing as when they are kept in boxes. Immediately one is taken off dust with a soft velvet brush, smarten the trimmings between the fingers, straighten and roll the strings in smooth, tight wads, so when unpinned again they are fresh and free of wrinkles.

How to Replace Orchard Trees.

When a new tree is to be planted in an orchard, it is liable to be set in soil where old roots remain decayed. As these will not be good for the new tree, the safest way will be to remove a wagon load of soil from the spot selected, replacing it by a fresh load from another place before planting the tree there.

How to Make a Three-stick Kite.

Take three straight sticks of pine or cedar, half an inch wide by a quarter inch thick or less. Make two 30 inches in length and the third 20. Cross the two longer in the form of an X at a point 10 inches from the ends and bind the third across them. Cut notches lengthwise across the ends of the sticks and tie a stout twine from end to end, making a 6-sided figure. Care should be taken that the corresponding sides are exactly alike. Lay down a sheet of strong, light paper, put the frame upon it and cut the paper two inches larger than the frame all around. Fold the outside over the strings and paste down with boiled flour paste, cutting out the corners where they lap over.

How to Hang Mirrors.

Do not hang them in the sun, as it spoils the quicksilver and causes the glass to present a broken surface. Mirrors must also not be hung where heat can strike too nearly upon them, or the same trouble will occur. For this reason one must be careful not to turn a gas jet too near them.

How the Term "Getting Into a Scrape" Originated.

The red and fallow deer which formerly roamed through the English forests had a habit of scraping up the earth with their forefeet to the depth of several inches, sometimes even of half a yard. The stranger passing through these woods was frequently exposed to the danger of tumbling into one of these hollows, when he might be said truly to be "in a scrape." The college students of Cambridge, in their little perplexities, picked up and applied the phrase to other perplexing matters which had brought a man morally into a fix.

How to Keep Flowers Fresh a Long Time.

Cut the stems a trifle each day and renew the water just as often. A little salt will help. Keep the flowers in a cool place at night.

How to Keep Children Covered at Night.

A careful mother keeps her children covered at night by pinning the bedclothes to the mattress at either side. With horse blanket safety pins she will find no trouble in piercing the thickness of blankets and spread. Another way is to make nightgowns of flannel, with long skirts attached, alike for boys and girls, until they are 5 years old. These have a hem and shirring tape at the bottom, and when they are in bed the tape is drawn and tied, leaving the restless legs free to toss without uncovering.

How to Make a Scrapbook.

Use good flour paste, not mucilage, and apply on the edges and corners of the scraps to be attached.

The KEELEY INSTITUTE Of Oregon. Forest Grove and Roseburg. For the Cure of Liquor, Opium, Morphine, Cocaine, Chloral and Tobacco Habits. REMEDIES and TREATMENT Are just the same as at DWIGHT and are authorized by Dr. LESLIE KEELEY. Complete, Permanent Cures Assured.

OVER 100,000 PERSONS HAVE BEEN CURED AND NO SUCH THING AS FAILURE IS KNOWN. BEWARE OF Fakes and Imitators! Correspondence and personal visits at either Institute or at the Portland consultation office, Third and Morrison Streets, invited. F. L. TAYLOR, MEDICAL DIRECTOR, FRANK DAVEY, MANAGER, FOREST GROVE. F. P. LONERGAN, PHYSICIAN IN CHARGE, C. B. CAMPBELL, BUSINESS MANAGER, ROSEBURG.

Tillamook Lumbering Co. Tillamook, OREGON. Saw & Planing Mills. All kinds of turning done to order. Mouldings and brackets of all kinds. Proprietors Electric Light System. We make a discount of ten per cent. for cash orders.

THE BUREAU SALOON, C. H. SMITH, Proprietor. FINE WINES, LIQUORS AND CIGARS. First St., Opp. Occidental. Tillamook, Ore. Grand Central Billiard Hall. C. B. HADLEY, Proprietor. Wines, Liquors and Cigars. Fine Billiard and Pool Tables. TILLAMOOK, OREGON.

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF TILLAMOOK. Notice of Sheriff's Sale. Notice is hereby given that by virtue of an execution duly issued out of the above named court on the 14th day of July 1903, to enforce a judgment against the above named defendants and in favor of the above named plaintiff, and to me directed and delivered as sheriff of Tillamook county, Oregon, and commanding me to sell the following described real property, belonging to said defendant, Joseph Green, to satisfy said judgment, to-wit: the sum of \$52.95 and 25.45 interest and the further sum of \$18.25 costs and accruing costs, to-wit: the S. E. 1/4 of Sec. 20, T. 1 N. R. 6 W. of the Willamette Meridian in Tillamook County, Oregon. Now therefore after due levy having been made by me upon said premises and by virtue of said execution and order of sale, I will sell at public auction for cash in hand, at the court house door at Tillamook, in Tillamook county, Oregon, at the hour of 10 o'clock in the forenoon, on the 26th day of August, 1903, said described land or premises as above said to satisfy said judgment and costs and accruing costs. Given under my hand this 22 day of July 1903. J. D. EDWARDS, Sheriff of Tillamook Co., Ore.

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF TILLAMOOK. Ida M. Brown, Plaintiff, vs. Frank Brown, Defendant. Suit for Divorce. To Frank Brown the above named defendant. In the name of the State of Oregon: You are hereby required to appear and answer the complaint of the above named plaintiff heretofore filed against you, by the first day of the next ensuing term of the above named court to-wit: the 25th day of August 1903. The defendant will take notice that if he fail to appear and answer said complaint the plaintiff will apply to the court for a decree dissolving the marriage contract between plaintiff and defendant; awarding to her the custody of her minor child Henry C., changing her name to Ida May Hald and for general equitable relief. This summons is published by order of Hon. Geo. H. Burnett, Judge, made at chambers at Albany, Oregon, July 25, 1903. J. B. HANDLEY, P. M.'s ATT'Y.

IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR THE COUNTY OF TILLAMOOK. Blanche Moody, Plaintiff, vs. Francis H. Moody, Defendant. In the name of the State of Oregon, you are hereby required to appear and answer the complaint filed against you in the above entitled action by the first day of the next regular term of said court, to-wit: Monday, August 25, 1903, and if you fail so to appear and answer the plaintiff will apply to the court for the relief demanded in the complaint, to-wit: That the marriage contract between plaintiff and defendant be dissolved and that she has the custody of her minor child and for general relief in equity. Order for publication of this summons was dated June 17, 1903. VAN BUREN BROMLEY, Attorney for Plaintiff, Bay City, Ore.

Nels Thompson, Cabinet Maker and Carpenter. Furniture, Cabinet Work, etc., made to order. SCROLL SAWING. Wooden Pumps made. Next door to Fred. Larsen's Blacksmith Shop TILLAMOOK, OREGON. Miss L. J. RUGGLES Mrs. J. JOHNSON Huggles & Johnson MILLINERY NEAR COURT HOUSE, TILLAMOOK, ORE. Money loaned, Notes bought, Collections made, GEO. W. KIGER Bay City. PAINTING, Frescoing, Decorating, and Paper-hanging. For estimates and prices call on, or write to FREDMAN GIBSON, Beaver Post-office, 41 Tillamook County, Ore.

Dairy Swing Churn. Best churn on the market. For sale by JOHN McCALL, Tillamook, Ore. NOTICE FOR PUBLICATION. Land Office at Oregon City, Oregon, July 10, 1903.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof under Sec. 2291 R. S., in support of his claim, and that said proof will be made before the County Clerk of Tillamook County, at Tillamook, Ore., on Aug. 29, 1903, viz: William M. Oakes. Homestead entry No. 2679, for the E. 1/2 of N. E. 1/4, Sec. 26, T. 1 N. R. 10 W. He claims the following witnesses to prove his continuous residence upon and cultivation of said land, viz: L. E. Dyer, D. Sargent, H. Farmer, W. C. Morton, of Bay City, Oregon. J. T. Apperson, Register. 7-12 When you come to the Wilson River country, stop at Reicher's.

AMPLE ACCOMMODATIONS. Good Beds FISH AND GAME IN SEASON. Telegraph office in the house. Grain and hay for teams. Stage to Forest Grove or Tillamook, when ordered. Ripans Tablets cure biliousness. Ripans Tablets for bad temper.

NOTICE OF SHERIFF'S SALE FOR DELINQUENT TAXES FOR THE YEAR 1902 FOR THE COUNTY OF TILLAMOOK, OREGON. Notice is hereby given that by virtue of a warrant issued out of the county court of the county of Tillamook, State of Oregon, and to me directed and delivered as Sheriff and Tax-Collector of Tillamook County, Oregon, commanding me to levy upon and sell the goods and chattels of the delinquent tax-payers and if a sufficient amount cannot be found then upon the real property as set forth in the delinquent tax roll of said county or a sufficient amount to satisfy the amount of taxes charged against the delinquent tax payers, together with costs of levy and sale, situated in Tillamook county, Oregon, and described as follows, to-wit: Evans Edward, 1/2 of N. E. 1/4, section 22, T. 2 N. R. 9 W. \$2.00. Bell Edith, lot 5, sec. 4, T. 2 N. R. 10 W. \$2.64. Briggs Thomas, lots 1, 2, 3, 4 and 5, sec. 18, T. 3 N. R. 10 W. \$7.92. Beesly Ella F., 1/2 of sec. 1, sec. 4 of sw. 1/4, sec. 8, and ne. 1/4 of sw. 1/4, sec. 17, T. 8, S. W. \$12.67. Bewick Nellie, all of blocks 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, and 35, in the town of Liverpool, \$10.10. Cronen Daniel, H. C. Buzick, L. E. Snell and Hugh McCourt, all of blocks 5, 6, 9, 10, 11, 15, town of Pacific Harbor, \$4.07. Moore Joseph, 1/2 of ne. 1/4 and 1/2 of sec. 4, sec. 25, T. 2 N. R. 10 W. \$9.24. Rose Anna, 1/2 of ne. 1/4 and ne. 1/4 of sec. 4 and ne. 1/4 of sw. 1/4, sec. 23, T. 2 N. R. 10 W. \$10.00. Murray John C., sw. 1/4 of sec. 4, sec. 12, and ne. 1/4 of ne. 1/4 and 1/2 of sec. 4, sec. 13, T. 8, R. 10 W. \$13.20. Murray Mrs. Gertrude E., 1/2 of sec. 4 and ne. 1/4 of sec. 4, and sec. 4 of ne. 1/4, sec. 13, T. 8, R. 10 W. \$13.20. Schirf Giles, 1/2 of sec. 4 and sec. 4 of sw. 1/4, sec. 14, T. 1 S. R. 8 W. \$57.88. Kinney W. S., lots 4 and 5, sec. 36, T. 3 N. R. 10 W. \$6.60. Crenshaw Leonard, sec. 36, T. 3 N. R. 8 W. \$58.08. Crenshaw Maria M., sec. 2, T. 2 S. R. 8 W. \$13.20. Esau John H., 1/2 of w. 1/2, sec. 33, T. 1 S. R. 8 W. \$13.20. Barhart J. M. or S. J. Signor, sec. 16, T. 2 S. R. 10 W. \$26.40. Laybourn Geo. R., sec. 4 of sec. 4, sec. 10, and 1/2 of ne. 1/4 and sw. 1/4 of ne. 1/4, sec. 15, T. 2 S. R. 8 W. \$22.70. Hoffman Ira S., ne. 1/4 of sw. 1/4 and ne. 1/4 of sec. 4, sec. 16, T. 3 S. R. 9 W. \$12.21. Shulson Antoine (or Shulsen), Begin at a w. corner of ne. 1/4 of ne. 1/4, sec. 18, T. 3 S. R. 9 W., running S. 80 rods, thence E. 38 rods, to a stake marked "sec. 1", thence S. 80 rods to a northerly direction to a stake marked "ne. 1/4", thence W. 34 rods on sec. line, sec. 18, T. 3 S. R. 9 W. \$12.11. Thompson R. W., 1/2 of sec. 16, T. 4 S. R. 10 W. \$10.90. McCarthy J., sec. 4 of sec. 4, sec. 36, T. 4 S. R. 10 W. \$12.11. Deas Fred, sec. 4 of ne. 1/4, ne. 1/4 of sw. 1/4, and lots 5 and 6, sec. 6, T. 4 S. R. 10 W. \$7.92. Hansen J. M., lot 1, and ne. 1/4 of ne. 1/4, and sec. 4 of ne. 1/4 and sw. 1/4 of ne. 1/4, sec. 32, T. 4 S. R. 10 W. and lot 9 sec. 31, T. 4 S. R. 10 W. \$6.90. Werner C. E., sec. 29, T. 5 S. R. 9 W. \$18.42. Sawday M., 1/2 of ne. 1/4 sec. 17, T. 5 S. R. 10 W. \$4.22. Stackney E., sec. 4 of sec. 4, sec. 16, T. 5 S. R. 10 W. \$22.11. Webb Nellie, 1/2 of sec. 11, and 1/2 of sw. 1/4, sec. 10, T. 5 S. R. 10 W. \$8.45. Bowers M. A., 1/2 of ne. 1/4, and sec. 4 of ne. 1/4, sec. 16, T. 5 S. R. 10 W. \$5.40. Arnold Lucy, lots 5 and 7, 40 chains off a end of lot 12, containing 17.11 acres, also commencing at the S. W. corner of lot 5, thence N. 20 degrees, E. 35.50 chains, thence N. 20 degrees, E. 35.50 chains, W. 30 degrees, E. 30 degrees, W. 30 degrees, E. 30 degrees, S. 25 degrees, E. 15 minutes, W. 8.25 chains, E. 1.25 chains to place of beginning, containing 1.07 acres. Also beginning at a w. corner of sec. 4 of ne. 1/4 of the Lucy Arnold Mill tract, thence westerly 47 feet, southerly 280 feet, thence easterly 47 feet, northerly 280 feet to place of beginning, containing 3.00 acres in all, sec. 6, T. 5 S. R. 10 W. \$12.64. Rogers Miles V., lots 5, 12, 17, sec. 24, and lot 28, sec. 13, T. 5 S. R. 10 W. \$12.25. Macklin Daniel, 1/2 of sw. 1/4, sec. 4 of sw. 1/4, sec. 13, and sec. 4 of sec. 4, sec. 14, T. 20, R. 90, T. 20. McNerly William A., ne. 1/4, sec. 25, T. 2 S. R. 9 W. \$10.53. Ault Arlington, 1/2 of sec. 4, sec. 4 of sw. 1/4, and lot 4, sec. 23, T. 2 S. R. 9 W. \$10.56. Aiken D. M., 1/2 of sw. 1/4, sec. 13, 1/2 of sec. 4, sec. 14, T. 2 S. R. 10 W. \$10.56. Hotelling A. P., 1/2 interest in following described parcel of land in Pre. L. C. of B. A. Bayley, in sec. 22, T. 1 N. R. 10 W., bounded by: begin at n.w. corner of a tract of land sold by B. A. Bayley out of the sw. corner of said lot 1 of sec. 22, thence e. along n. boundary of said lot 1 to a point from where a line drawn a will include in their bounds a corner of said lot 1 to the waters of Tillamook Bay, thence westerly with the meander of said bay and boundaries of the aforesaid Easterbrook tract to place of beginning, cont. 20 acres, sec. 22, T. 1 N. R. 10 W. \$7.92. Handley Charles, sec. 4 of sec. 4, sec. 11, sw. 1/4 of sw. 1/4, sec. 12, ne. 1/4 of ne. 1/4, sec. 13, and ne. 1/4 of ne. 1/4, sec. 14, T. 1 N. R. 10 W. \$11.45. Chatterton Chas. lot 7 and 8, block 1 stillwell's add to Tillamook, \$3.94. Hines William J., ne. 1/4 of sw. 1/4, and sw. 1/4 of ne. 1/4, sec. 17, and 1/2 of sec. 4, sec. 18, T. 1 N. R. 7 W. \$14.76. Day J. O., beginning at a point 6 feet S. of sw. corner of block nine, town of Tillamook, thence S. 50 feet, W. 45 feet, S. 40 feet, E. 45 feet, N. 100 feet, thence E. 255 feet to place of beginning containing 4 1/2 acres less 1/2 acre off to L. G. Barrows, \$17.25. Day Mary L., beginning at the n.w. corner of a piece of land sold by W. D. Stillwell to H. R. Day, thence W. 58 1/2 feet, E. 50 feet, E. 30 1/2 feet, thence S. 50 feet to point of beginning, containing 4 acres, \$18.51. Abercrombie L. R., lot 1 and 2 block 24, Thayer's add, \$5.28. Draper A. M., lot 2, sec. 15, T. 1 S. R. 10 W. \$4.54. Fradette John A., sw. 1/4 of ne. 1/4, and ne. 1/4 of sw. 1/4, and lot 2 and 3, sec. 28, T. 2 S. R. 9 W. \$10.50. Now therefore after due levy and by virtue of said warrant I will sell at public auction, for cash in hand, at the court house door at Tillamook, in Tillamook county, Oregon, on the 12th day of August, 1903, at the hour of 10 o'clock, in the forenoon, of said day, the above described real estate, or so much thereof as shall be necessary to satisfy the amount of taxes charged thereon, together with costs and expenses of levy and sale. Given under my hand this 15th day of July 1903. JOHN D. EDWARDS, Sheriff and Tax-Collector of Tillamook County, Oregon.

NOTICE. Notice is hereby given that I, G. O. Nolan, Secretary of the Tillamook County Fair Association, by authority vested in me by the laws of said Association, will offer at public sale, at my office in Tillamook City, on August 12, 1903, at one o'clock P. M. of that day, for cash to the highest bidder the following shares of Capital stock of the Tillamook County Fair Association for assessments now due on the stock: C. B. Hadley, Stock No. 6 Amount due \$15.00. Clark Hadley " 42 " 15.00. L. H. Brown " 5 " 15.00. Dr. H. Fatchen " 3 " 15.00. H. P. Goodspeed " 11 " 15.00. F. M. Trout " 27 " 15.00. Day and Sons " 31 " 15.00. C. T. Hills " 29 " 15.00. Geo. Woodruff " 30 " 15.00. B. C. Lamb " 28 " 15.00. F. Severance " 34 " 15.00. W. D. Stillwell " 45 " 15.00. Barker & Smith " 4 " 15.00. W. S. Runyon " 26 " 15.00. T. F. Harris " 13 " 15.00. G. O. Nolan, Secretary of Tillamook County Fair Association.

STAGE LINE. Stage will leave Forest Grove for Tillamook every Tuesday and Friday; Tillamook Wednesday and Saturday. H. D. JONES, Prop.