

THE DAIRY

MILK TESTING.

Its Advantages as Compared With the Cream Testing Method.

Gradually creameries are falling into line and paying for milk according to the butter fat it contains. As the cream test often gave very poor satisfaction when cream was bought by test, patrons are first inclined to be suspicious that the milk test may not give accurate results. There is a chance that it may not, but not so great as in cream testing. The milk goes to the factory in a fluid condition, and if the onmaking test is careful he can get a fair sample.

But cream stood around two or three days in all kinds of weather and under all imaginable conditions, and by the time the hauler made his visit it was far from homogeneous—there were thick clots, and there were thin streaks, and there was a big chance to miss getting an accurate sample of the mass, even granting that the test was accurate, and we regret to say that the evidence is too strong to the contrary to be pleasant to bring fresh to mind. Those were times of fierce competition.

But some care is necessary to get a fair sample of milk for a test. The testing when done is done so quickly that patrons who desire can see it done and know just what their milk tests. In the first place, the milk must be thoroughly mixed. In creamery practice this is done fairly well in the weigh can by emptying the hauling cans into it. A sample of the whole quantity is then taken, and probably the quickest way, which is at the same time a fair way, is to take a glass tube about one-eighth of an inch in diameter and open at both ends and put it into the milk clear to the bottom.

The milk in the tube will necessarily be the same as the milk in the can. Now put a finger over the top of the tube and withdraw the tube full of milk and run it into the patron's sampling jar. The test can be taken from this at once, or the samples can be put into this jar daily, and a composite test taken at the end of a week. A little corrosive sublimate or potassium dichromate in the sampling jar will keep the milk fluid so an accurate test of the composite sample can be taken. These preservatives are poisons, and the preserved milk must not be swallowed.

Multiplying the weight of each patron's milk for the week by the test giving the pounds of butter fat that his week's milk contained, and multiplying this by the price paid per pound of fat, gives the money due him.

M. L. Newton of La Porte, Ia., has made a "computation" which saves all the multiplying. It is not necessary even to know the multiplication table to tell exactly what is due each patron if you have a Newton computer. And, by the way, if you have no computer make a table for the settlement as taxation tables are made. This table shows the value of pounds from 1 to 9, from 10 to 90, and from 100 to 600. The value of each patron's share is very quickly and easily found from it and the liability to make mistakes made extremely small.—Northwestern Iowa Dairy Journal.

Truth About Silage.

A letter recently received from Mr. Butterfield states that he has carefully looked up the matter and finds that the Hon. James M. Turner keeps about 500 cows on his Springdale farm near Lansing, Mich., and during the winter feeds about 40 pounds of silage daily to each cow with a feed of clover hay and wheat bran. The milk from these cows is regularly delivered at the condensing factory.

I am quite sure, on the other hand, that silage will taint milk under certain conditions, and that its evil effects may follow even to the butter itself. The odor of silage is very penetrating and very lasting. It seems very reasonable that in a stable saturated with this odor if the milk stands for any length of time in open cans it must carry the odor with it. But there need be no strong odor of silage in the feeding stable.

The trouble has been due in some cases to having the silo located in connection with the feeding stable, and its door opening so that there is a continual outpouring of its odors into the space where the cattle are confined. At other times the silage is brought into the feeding stable in quantity and remains there some time before being fed. Neither of these conditions is necessary to the feeding of this product.

For years Hiram Smith of Sheboygan furnished leading hotels with butter. Had there been a taint in either the cream or the butter it most certainly would have been detected and objections made. The careful, cleanly dairyman need have no fear of contaminating his milk through properly made and properly fed silage.—Professor W. A. Henry in Breeder's Gazette.

Jerseys at Chicago.

Fifty Jersey cows, "the cream of the cream," are now comfortably quartered on the World's fair grounds at Chicago in readiness for the great dairy test, which begins in May and extends through the entire fair. Among these cows are the former queen, Eurotisma, 945 pounds 9 ounces, and the celebrated cow, Isip Lenox, 711 pounds.

Besides the list includes 32 cows with records ranging from 14 pounds to 34 pounds 84 ounces of butter in seven days. There are also a number with equally creditable records for shorter periods, and all the cows have shown a probable capacity of 21 pounds of butter, or better, in seven days. These cows, which will represent the American Jersey cattle interests, were selected with great care by Mr. Valance E. Fuller and Hon. J. J. Richardson, with the aid of other members of the committee, from 41 herds located in 15 different states.—Practical Dairyman.

The KEELEY INSTITUTE

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Cures Assured.

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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.

NOTICE FOR PUBLICATION.

United States Land Office, Oregon City, Oregon, April 21, 1893.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the County Clerk of Tillamook County, at Tillamook, Oregon, on July 5, 1893, viz: Robert Hicks, for the s e 1/4, sec. 3, T. 2 N., R. 10 W.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Frank B. Herrington, Frank Daugherty, William Hines and Isaac Smith, all of Tillamook County, Oregon. J. T. Apperson, Register.

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United States Land Office, Oregon City, Oregon, May 12, 1893.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the County Clerk of Tillamook County, at Tillamook, Oregon, on July 5, 1893, viz: Kelly Peters, Homestead Entry No. 731, for the s e 1/4 of n e 1/4 of s e 1/4, sec. 13, T. 2 N., R. 10 W.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Amos N. Van Dine, W. N. Vaughn, Frank Worthington, of Bay City, Tillamook County, Oregon, and John Hickey, of Foley, Tillamook County, Oregon. J. T. Apperson, Register.

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He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: Stephen Sewell, and E. K. Sewell, of Union Peak, Tillamook County, Ore.; Diemondie Bennett, of Nehalem, Tillamook County, Ore.; and Geo. W. Alley, of Union Peak, Tillamook County, Ore. J. T. Apperson, Register.

**PAINTING,
Frescoing, Decorating,
and Paper-hanging.**

For estimates and prices call on, or write to
HERMAN GEMNER, Beaver Post-office,
Tillamook County, Ore.

NOTICE FOR PUBLICATION.

United States Land Office, Oregon City, Oregon, May 15, 1893.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the County Clerk of Tillamook County, at Tillamook, Oregon, on July 5, 1893, viz: Andrew Conklin, Homestead Entry No. 929, for the n e 1/4 of n e 1/4, n e 1/4 of n e 1/4, sec. 15, s 1/2 of s w 1/4, sec. 16, T. 2 N., R. 10 W.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: M. I. Reading, S. M. Dailey, Henry Olds and Henry Herdt, of Tillamook County, Oregon. J. T. Apperson, Register.

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He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: G. W. Wallace, E. F. Lyster, William Fosterfield and Fred Huber, of Nestucco, Ore. J. T. Apperson, Register.

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He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: William Fosterfield, Daniel Cronin, Henry Tohl and Theodor Matzick, of Nestucco, Ore. J. T. Apperson, Register.

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**Money loaned,
Notes bought,
Collections made,**
GEO. W. KIGER,
Bay City.

TIMBER LAND, ACT JUNE 3, 1878.—NOTICE FOR PUBLICATION.

United States Land Office, Oregon City, Oregon, April 19, 1893.—Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory,"

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2716, for the purchase of the s e 1/4 of section 23, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Ore., on Wednesday the 17th day of July, 1893. He names as witnesses: Joel Bate, Fred Thompson, Robert Osborn and William Ryan, all of Portland, Multnomah County, Oregon.

Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

TIMBER LAND, ACT JUNE 3, 1878.—NOTICE FOR PUBLICATION.

United States Land Office, Oregon City, Oregon, April 18, 1893.—Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory,"

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2718, for the purchase of the n e 1/4 of section 23, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Tuesday, the 17th day of July, 1893. He names as witnesses: Fred Thompson, Joel Bate, Robert Osborn and William Ryan, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

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of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2719, for the purchase of the s e 1/4 of section 27, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Thursday, the 17th day of July, 1893. He names as witnesses: Fred Thompson, Joel Bate, Robert Osborn and William Ryan, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

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of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2721, for the purchase of the n e 1/4 of section 23, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Thursday, the 17th day of July, 1893. He names as witnesses: Fred Thompson, Joel Bate, Robert Osborn and William Ryan, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

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of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2724, for the purchase of the n e 1/4 of section 24, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Thursday, the 17th day of July, 1893. He names as witnesses: Robert Osborn, Fred Thompson, John C. Peck, and Joel Bate, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

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of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2725, for the purchase of the n e 1/4 of section 25, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Thursday, the 17th day of July, 1893. He names as witnesses: Fred Thompson, Robert Osborn, Joel Bate and Wm. Ryan, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

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of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2727, for the purchase of the n e 1/4 of section 23, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Wednesday, the 17th day of July, 1893. He names as witnesses: Robert Osborn, Joel Bate, William Ryan and Robert Case, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. He names as witnesses: Fred Thompson, Robert Osborn, Joel Bate and Wm. Ryan, all of Portland, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 17th day of July, 1893. J. T. Apperson, Register.

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of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2728, for the purchase of the s e 1/4 of n e 1/4, n e 1/4 of n e 1/4, and lot 4 of sec. 30, and lot 4 of sec. 19, T. 2 N., R. 7 W., and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish his claim to said land before the Register and Receiver of this office at Oregon City, Oregon, on Thursday, the 27th day of July, 1893. He names as witnesses: Walter Kohlhusen and Jürgen H. Peters of Portland, Ore.; and Walter Smith and Robert Hicks, of Tillamook, Ore. Any and all persons claiming adversely the above-described lands are requested to file their claims in this office on or before said 27th day of July, 1893. J. T. Apperson, Register.

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TILLAMOOK COUNTY HAS

THE DAIRY BELLY

On the state is combined mainly in the counties of Clatsop, Tillamook, Lincoln and Clatsop, of which Tillamook has one third the area of agricultural lands of the four. Four creameries have been built and started during the past year. Inquiries regarding the country will be answered by F. M. LAMER, Tillamook, Oregon.

TILLAMOOK COUNTY HAS
TALL TIMBER,
FINE RIVERS,
GOOD HARBORS, AND
Many other things that insure prosperity.

Tillamook, Oregon,
1893

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