THE DAIRY

A PRIZE WINNER'S METHODS.

His Cows Are Dehorned and Turned Loose In the Stable.

The Rural New Yorker addressed the following questions to the persons who won prizes for dairy butter at the Illinois Dairymen's association:

1. What breed of cows do you keep? 2. How were they fed and cared for? 3. Was the cream separated or raised by the gravity process? 4. Give an account of the process of making this exhibition butter. 5. Do you produce all your own fodder and grain? In your opinion, would ensilage and clover alone have made a perfect dairy ration without extra grain? 6. What, in your opinion, is the outlook for good dairying?

George H. Baldwin, of Mendon, Ills., answers as below:

1. My cows are grade Jerseys. 2. All are dehorned and loose in a stable 20 by 80 feet with a driveway through the whole length, by which the feed is delivered to them directly from the wagon. They are of course well bedded, and the manure is hauled directly to the fields. They are fed a liberal ration of wheat bran, Indian corn and occasionally a little oil meal. For roughness they get early cut corn fodder drilled in one grain to the foot, fed long with the ears on, and all the clover and timothy hay they will eat. I formerly fed corn and cob meal, but find by experience that it pays better to feed ear corn cut fine and let the hogs follow so there will be no waste. They receive a liberal ration, for with the right kind of dairy cows it pays to put in feed and take out butter. 3. I use the Cooley creamer or submerged process for raising cream. I prefer it to the separator from the fact that it saves labor and expense, and practically gets all of the cream. A separator requires a skilled mechanic to keep it in order. 4. The butter was churned in a 90-gallon Batcheller's churn run by horsepower and washed in the churn when in the granular state—about the size of small shot—until the water ran clear, spread out in a thin layer on a large sized lever butter worker, allowed to drain for a few minutes, salted one ounce to the pound, worked only enough to thoroughly mix the salt, packed in a tub and shipped directly to the exhibition at Sycamore. 5. I grow the fodder corn and hay and buy the ear corn, bran and oilmeal. Ensilage and clover hay would be a well balanced ration, but it would hardly be rich enough for dairy cows unless the ensilage had a good deal of well matured corn on it when it was put in the silo. 6. I think that the outlook for first class dairymen is as promising as for those following the line of any other agricultural pursuit. "There is always room at the top."

Cows and Calves.

Do not be in a hurry to get the cows out to grass, but be sure that they have good hay at the barn and a few roots if there are any. If there are not, a little linseed meal will have the effect of keeping the digestive organs in an active condition, which is about all that the roots could do. It is better that the calves should come along now for those cows that are to be milked in the summer than a little later, after the cows get into pasture. If any do come now, keep them warm and see that they have enough to eat. Do not try to raise any that are not worth raising and do not allow an extra price of a dollar or two to decide the matter of selling or not selling to the butcher. The dollar's difference now will be more than counterbalanced by $10 or $15 difference in value three years from now.

A good formed and good looking calf, from a good cow and sired by a good bull that is thoroughbred, or even very nearly so, ought to be worth raising. If a heifer, see that it has well formed teats, not too close together, and that it has the makings in form and shape, if not in color, of the cow that has proven good and the characteristic marks of the breed to which the bull belongs. Such a one ought in three years to make a good cow unless the cross has been a too violent one—which should be avoided—and would undoubtedly be much more profitable to raise than something that would not sell for half as much at 8 weeks old. Four or five dollars difference in the cost of a calf may seem considerable, but it is not much upon the cost of a cow.

For bulls do not raise any but thoroughbred stock of the breed best adapted to the purpose for which the cows are kept, whether it be the selling of milk or the making of butter or cheese. It is better to pay $50 for a 3-days-old calf and raise it to get something that will improve the whole herd than to pay $15 for one that is going to reduce the standard. It is true that there are some who sell milk and do not care to raise a calf who think they can use any kind of a bull, but there remains the fact that such parties might find it more profitable to raise calves from their best cows by a good bull than to trust to the chances of being able to buy a good cow when they want one.—American Cultivator.

Dairy and Creamery.

"Second crop sorghum will kill cows" is the verdict of experienced dairy farmers. Cows cannot safely be turned into wet, growing sorghum when they are hungry any more than into a field of wet clover when they are hungry. The effect is similar. They must be seasoned to the sorghum as to the clover.

Ensilage will be fed plentifully to cows at the great dairy test of the Columbian exposition, and the silos for the purpose are all ready. The corn for this purpose was grown in Illinois.

One successful dairyman feeds corn silage night and morning to his cows with hay in the middle of the day. Besides wheat bran he gives as a grain feed equal parts by weight of corn and oats ground together.

Phosphate of lime certainly does help prevent abortion in cows; at least that is the verdict of many cow doctors and cow raisers.

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 E. 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 an Morrison Streets, invited.

F. L. TAYLOR,
MEDICAL DIRECTOR,
FRANK DAVEY,
MANAGER
FOREST GROVE.

F. P. LONERGAN,
PHYSICICIAN IN CHARGE.
C. B. CAMPBELL,
BUSINESS MANAGER.
ROSEBURG.

NOTICE FOR PUBLICATION.

Land Office at Oregon City, Oregon, April 5, 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 Register and Receiver of the United States Land office at Oregon City, Oregon, on May 22, 1893, viz:

William Winkler,

Homestead Entry No. 5665 for the n w ¼ of n w ¼ section 11, n ½ of n e ¼ and s w ¼ of n e ¼ section 10 tp 2 n r 10 w.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, under sec. 2301 R. S., viz:

Daniel Cronin, Charles Seaman, Henry Tohl and Max Fischer, all of Nehalem, Tillamook Co., Oregon.

R. Chas. McDonald, who made Pre. D. S. No. 7224 is hereby specially notified to appear and show cause why Wm. Winkler's H.L. entry should not be allowed.

.6-51 J. T. Apperson, Register.

NOTICE FOR PUBLICATION.

Land Office at Oregon City, Oregon, April 2, 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 Register and Receiver of the U. S. Land Office, at Oregon City, Oregon, on June 15, 1893, viz:

Frank B. Herrington,

Pre-emption D. S. No. 7811, for the s e ¼, of sec 32, tp. 2 n, r 7 w.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, viz:

Robert Hicks, Frank Daugherty, William Himes and Isaac Smith, all of Tillamook, Tillamook County, Oregon.

4[illegible]-1 J. T. Apperson, Register.

NOTICE FOR PUBLICATION.

Land Office at Oregon City, Ore., 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:

Riley Peters,

Homestead Entry No. 7351, for the s e ¼ of n e ¼, n ½ of s e ¼, and s w ¼ of s e ¼, sec. 13, tp. 2 n, r 10 w.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, viz:

Amos N. Vaughn, W. N. Vaughn, Frank Worthington, of Bay City, Tillamook County, Oregon, and John Hickey, of Foley, Tillamook County, Oregon.

51-4 J. T. Apperson, Register.

NOTICE FOR PUBLICATION.

Land Office at 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:

Geo. Wm. Steinhauer, Jr.,

Homestead Entry No. 7548, for the s e ¼, of sec. 11, tp. 3 n, r 10 w.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz:

Stephen Scovell, and E. K. Scovell, of Orton Peak, Tillamook County, Ore., Dieudonie Benteau, of Nehalem, Tillamook County, Ore., and H. V. Alley, of Orton Peak, Tillamook County, Oregon.

51-4 J. T. Apperson, Register.

NOTICE FOR PUBLICATION.

Land Office at Oregon City, Oregon, April 7, 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 Clerk of Tillamook Co., at Tillamook, Ore., on June 1, 1893, viz:

Anton Shulton,

Pre-emption D. S. No. 7314 for the lots 1, 2 and 3, section 18, tp. 3 s, r 9 w.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz:

G. W. Wallace, E. F. Lyster, Fred. Buhrow and Otto Walther, all of Nestucca, Tillamook Co., Oregon.

.6 51 J. T. Apperson, Register.

NOTICE FOR PUBLICATION.

Land Office at Oregon City, Oregon, April 5, 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 May 22, 1893, viz:

Walter B. Alderman,

Homestead Entry No. 6915, for the n ½ of s e ¼ and w ½ of n e ¼, section 26, tp. 2 n r 10 w.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, viz:

Benjamin Higgenbotham, William Heitmiller Erven Carter and George Higgenbotham, all of Garibaldi, Tillamook Co., Oregon.

J. T. Apperson, Register.

45-51

NOTICE FOR PUBLICATION.

Land office at Oregon City, Oregon, April 5, 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 May 22, 1893, viz:

Charles P. Darling,

Homestead Entry No. 7101, for the s w ¼ of n w ¼, n w ¼ of s w ¼ section 15, tp 2 s r 10 w.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz:

D. J. Dunn, J. L. Dunn, Thomas Foster and Frank Foster, all of Oretown, Tillamook Co., Oregon.

46-51 J. T. Apperson, Register.

NOTICE FOR PUBLICATION.

Land Office at 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 Register and Receiver of the U. S. Land Office, at Oregon City, Oregon, on June 15, 1893, viz:

Robert Hicks,

Pre-emption D. S. No. 7812, for the s e ¼, sec. 31, tp. 2 n, r 7 w.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, viz:

Frank B. Herrington, Frank Daugherty, William Himes and Isaac Smith, all of Tillamook, Tillamook County, Oregon.

48-1 J. T. Apperson Register.

Money loaned,
Notes bought,
Collections made,

GEO. W. KIGER.
Bay City.

41-54

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,"

George Barrett,

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2710, for the purchase of the s e ¼ of section 23, tp. 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 12th 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 12th day of July, 1893.

48-6 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,"

Samuel Bowen,

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2719, for the purchase af the n e ¼ of section 28, tp. 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 11th 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 11th day of July, 1893.

50-7 J. T. Apperson, Register.

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

United States Land Office Oregon City, Oregon, April 21st 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,"

James M. McNaughton,

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his swore statement No. 2718, for the purchase of the n w ¼ of section 27, tp. 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 13th day of July, 1893. He names as witnesses:

Fred Thompson, Joel Bate, Robert Osborn 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 13th day of July, 1893.

50-7 J. T. Apperson, Register.

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

United States Land Office, Oregon City, Oregon, April 18th, 1893.—Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 18,8, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory,"

William Wilson,

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn s atement No. 2712, for the purchase of the n w ¼ of section 23, tp. 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 11th 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 11th day of July, 1893.

50-7 J. T. Apperson, Register.

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

United States Land Office, Oregon City, Oregon, April 15, 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," as extended to all the Public Land States by act of August 4, 1892,

George R. White,

of Portland, County of Multnomah, State of Oregon, has this day filed in this office his sworn statement No. 2704, for the purchase of the n w ¼ of section 24, tp. 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 6th day of July 1893. He names as witnesses:

Robert Osborne, 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 6th day of July, 1893.

48-5 J. T. Apperson, Register.

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

United States Land Office, Oregon City, Oregon, April 21st, 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," as extended to all the Public Land States by act of August 4, 1892,

Daniel Keogh,

of Reuben, County of Columbia, State of Oregon, has this day filed in this office his sworn statement No. 2713, for the purchase of the n e ¼ of section 25, tp. 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 13th 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 13th day of July, 1893.

50 7 J. T. Apperson, Register.

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

United States Land Office, Oregon City, Oregon, April 21st, 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," as extended to all the Public Land States by act of August 4, 1892,

Fred Thompson,

of Portland, County of Multnomah, State of Oregon, has this day filed in this office his sworn statement No. 2711, for the purchase of the n e ¼ of section 23, tp. 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 12th 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 12th day of July, 1893.

50-7 J. T. Apperson, Register.

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

United States Land Office, Oregon City, Oregon, Jan. 16, 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," as extended to all the Public Land States by act of August 4, 1892,

Richard F. Ryan,

of Portland, County of Multnomah, State of Oregon, has this day filed in this office his sworn statement No. 2754, for the purchase of the w ½ of n e ¼, n e ¼ of n w ¼ and lot 1 of sec. 30 and lot 4 of sec. 19, tp. 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 Kohnhasson and Jurgen 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.

51-6 J. T. Apperson, Register.

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

United States Land Office, Oregon City, Oregon, April 21st, 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," as extended to all the Public Land States by act of August 4, 1892,

Fred Thompson,

of Portland, County of Multnomah, State of Oregon, has this day filed in this office his sworn statement No. 2711, for the purchase of the n e ¼ of section 23, tp. 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 12th 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 12th day of July, 1893.

50-7 J. T. Apperson, Register.

THE HEADLIGHT

1883—1893.

Gives the County and City News in full, besides all the important telegraphic news and selected miscellany, and comments fearlessly and independently upon all topics.

JOB PRINTING

Letter Heads, Note Heads, Bill Heads, Statements, and Envelops, Business Cards, Visiting Cards, Placards, Shipping Tags, Posters, Gutter-Snipes and Circulars. Commercial Job Printing.

LEGAL BLANK PRINTING

Wedding and Ball Invitations, Tickets, Folders and Book work done to order. We keep the best qualities of paper cards, and stationery, and can always guarantee satisfaction in that line.

TILLAMOOK

NEW MACHINERY

New Type, new Fixtures, in fact everything needed in a first class printing office is found in the HEADLIGHT establishment. The plant is very extensive for a town of the size and additions in the way of borders, cuts, type and machinery are being made all the time. The machinery and fixtures are of the latest and most approved kind, and every department is as complete as can be found in country offices

THE COUNTY OFFICIAL PAPER OF

The paper is printed in the very best style of the art, as to mechanical and typographical appearance, the print is clear, the advertisements artistic, and the very best quality of paper is used. No efforts are spared to make the HEADLIGHT the best county newspaper in Oregon, or the North West, for that matter. You need not feel ashamed to send the HEADLIGHT east to friends or prospective immigrants—its appearance will convince anyone that we have a prosperous and enterprising county.

HEADLIGHT

The HEADLIGHT is the oldest Paper, the leading paper and has the largest circulation—larger than the circulation of all other county papers. It has been here 5 years and

STOOD THE TEST WHILE

other papers have come and gone. If you pay for it a year in advance, you are not likely to lose your money. Subscription price for the HEADLIGHT $1.50 in advance.

PIONEER PAPER

If you wish to advertise Tillamook County, send the HEADLIGHT abroad. It will from time to time contain reliable descriptive articles regarding Tillamook and its wonderful resources and will let the world know of our excellent timber, our rich farming and dairy lands, and our magnificent rivers.