

# INSPECTING THE DAIRY FARMS IN TILLAMOOK.

## Interesting Report of Deputy State Dairy and Food Commissioner W. B. Duncan.

We give below the report of Deputy State and Food Commissioner W. B. Duncan, which was sent to the Headlight by special request. The report is interesting in many particulars, and offers a good many suggestions, which, if carried out, will be a step in the right direction. We have given the report in full, which is as follows:

DEAR SIR,—I submit to you the following report of my work as Deputy Food and Dairy Commissioner in Tillamook County, which I have just completed.

I first went to Tillamook City, where I met Mr. F. W. Christensen, the Cheese Inspector for the Tillamook Co-operative Dairy Association, comprising twenty of the largest cheese factories in the county, and of which Mr. Carl Haberlach is secretary. My object in calling on Mr. Christensen was to ascertain dairy conditions and needs as he found them. He not only very kindly favored me with this information, but also offered some suggestions which I found of very great benefit to me. He also cooperated with me very heartily in the work, as did also the cheesemakers as we met and became acquainted.

### Number of Cheese Factories and Dairies.

In this county I inspected 31 cheese factories and 41 dairies, which includes nearly every dairy in the county. With each dairyman I left some literature pertaining to his business, also a copy of the dairy law.

### What Are We To Do For Cows?

The pitiful number of calves raised this year was only 1155. Granting that three-fourths of this number are heifers, it will leave but two heifers for each dairy of 17 cows. The same condition prevails in the valley. I know of three prominent dairymen from this county who only a few weeks ago came to the Valley to purchase heifers, but could find none for sale. We consider this a very grave mistake and believe the heifer calves should be saved from all the choice cows. We are not raising enough heifers to replace the old cows that we must necessarily cull from our herds each year.

### Great Need of Registered Stock.

The dairymen of this county have some choice registered sires, but not many. There are only 20 registered cows and 40 registered sires, or one sire to every 185 cows.

Sires.	Cows.
Jersey	16
Holstein	15
Guernsey	5
Red Poll	2
Shorthorn	1
Ayrshire	1
	40
	20

I should judge that three fourths of the cows owned in this county are low grade Durham; but this does not necessarily imply that there are no good cows among them, for many are heavy milkers, giving a high test in butter fat, and if the dairymen would breed these choice cows to a registered sire with a record for producing heifers that fill the pail with rich milk it would be but a short while before the output would be increased one half without increasing the number of cows. We are confronted with the fact that if we want good cows we must raise them, or we cannot buy them.

The papers and discussions at the late State Dairy and Cheesemakers' Convention in Portland along the lines of breeding and getting should inspire us for more aggressive and better work. I was glad to note the presence of several of the leading dairymen and cheesemakers of Tillamook there; also F. W. Christensen, the Cheese Inspector, with 3000 pounds of the famous Tillamook cheese on exhibition, some scoring as high as 91.

### Dairymen Are Making Money.

The climatic conditions, together with an unlimited supply of pure mountain water are among the best factors of dairying in this county. I am indebted to Mr. J. T. Work, editor of the Tillamook Headlight, and to Mr. Carl Haberlach, Secretary and Manager of the Co-operative Dairy Association, for valuable information relative to this industry, all of which I found absolutely correct.

I have before me some factory records showing that Mr. D. Fitzpatrick has the banner herd of the county. Last year his 25 cows averaged \$115.00 per head and this year his 23 cows averaged \$103.00 each. Among others Mr. Charles Kuntz has 30 cows averaging \$99.52 each; Mr. William Maxwell with 22 cows averaging over \$95.00 each. Mrs. T. M. Rose, a widow, is keeping nine cows on 18 acres, each of which averaged \$90.00. I have the names of 25 dairymen who in six months averaged \$2650.00 each; the highest receiving \$4750.00 and the lowest \$2000.00 for this period. Tillamook county last year received for her dairy products \$550,000.00, three-fourths of which was produced by the Co-operative Association and the total being \$50,000.00 more than either Marion or Linn counties received for butterfat. If we were to add to this \$100,000.00 for fish it would make \$650,000.00 to be circulated in a comparatively small community.

Many of the dairymen have fine homes and good dairy barns. On Wilson River they own their own water system, costing \$20,000.00. Several drive their own autos and we should not forget to say a good word about the roads they drive them on. The main road from the southern to the northern end of the county, a distance of 75 miles, is gravel or crushed rock, with many side roads equally as good. Of course, there are many dairymen in this county as in all others, who are in debt for their homes and are clearing their land, knowing that if they can hold out until the land is sufficiently cleared they can depend upon the old cow to do the rest.

### What Are We To Do For Cows?

We found more sanitary milk buckets in this county than we have seen in the valley in over two years' work. The buckets are very easily cleaned as all seams, both inside and outside, are flushed with solder, also around the ears where the bail is attached. The most of these were distributed by Mr. Ray, of Cloverdale, and there are also a good many around Tillamook.

### Abortion In The Herds.

I found several dairymen who had abortion in their herds. One man had 42 cows about last spring and is very anxious about them now. Mr. F. H. Scribner, of Rosedale, Wis., in the employment of the Department of the Bureau of Animal Industry, says that the best treatment he has ever found is one teaspoonful of carbolic acid given once each day. Mr. H. C. Davis, of Granger, Wash., has cured a badly infected herd by nearly doubling the dose. I get this information from the Pacific Homestead report of the Dairy Meeting in Washington. Mr. Scribner is Government Organizer of Dairy and Cow Testing Associations. He says that the milk record sheet in the barn is the best piece of machinery, if properly used, and that it is not so much science as common sense that makes the successful dairyman.

I saw something in Mr. Joseph Donaldson's barn that should go along with the milk record sheet. It was a large motto or sign: "Cows in this Barn must Receive Kind Treatment." It appealed to me as a splendid reminder and warning to the herdsmen and should be in every barn.

### Special Mention of a Few Dairymen.

Mr. D. Fitzpatrick is a practical dairyman. He is a good feeder; raises plenty of clover and feeds some mill stuff besides; also having the kind of cows which it pays to feed some grain. Mr. Charles Kuntz is a prosperous dairyman and knows what each of his cows is doing. I found him testing his milk last August when I called. After spending a pleasant and profitable hour with him I enjoyed a splendid meal with Mr. and Mrs. Kuntz. Mr. William Maxwell is a progressive dairymen. He had just completed a fine dairy barn when I called and has a splendid working herd.

### The mention of Mr. Andrew Anderson.

son, a prominent man on Wilson River, of many improvements. Many dairymen had been doing what we visited him to obtain changes, give him a better cheerfulness. He gave us an inspiration to his neighbors and gratifying to this office. Mr. Anderson put his barn floor in a good condition; white washed the inside of the barn, put in windows and built a neat milk-house.

### Condition of Dairies Not as Good As We Expected.

In the Valley most of the dairying is a side issue and naturally the operators may become careless, but as the Tillamook dairymen make it their exclusive business we had expected to find better conditions. I am not going to dwell on the unsanitary conditions that we found because of the cheerful response that we had from the dairymen in correcting the existing conditions. Manure piles against barns have been removed; many hog pens near barns (and some inside) have been located elsewhere and also many milk houses moved to more sanitary places, while 300 dairymen are cooling their milk in far better places than formerly; barns have been whitewashed; windows put in and old rusty cans discarded for new ones.

### During the past two years I have inspected over 4000 dairies in the Valley, and never before have I seen so many changes made for the better in such a limited time. We wish to thank these dairymen and to say to them that great credit is due them for this loyal support and co-operation with this office.

### The climatic conditions in Tillamook are nearly perfect and if right methods are employed that county can supply the sweetest and richest milk and cream possible.

### A Dairy Commissioner Has All Kinds of Experiences.

Of course, we occasionally find a dairymen who rebels. I have one in mind who doubted very much whether we had any right to come into his barn, and no wonder, for I found his barn unclean, and contained two pig pens with several pigs in each, from which came a very strong odor; manure pile was at the right of his barn door, and cans of milk at the left. I have reason to believe that this is the man who wrote a little article for publication in one of the papers, signing it "Dairyman," stating among other things that an Inspector was in the county and at one place it was one thing and at another something else. It changed to be "something else" at his place, hence the protest.

I found another dairymen in great distress because the Fire Warden would not permit him to burn his brush; the Fish and Game Warden would not allow him to kill any birds or catch any fish, and then along came the Dairy Inspector and requested him to wash his separator each time after being used, as he was selling butter.

As I went to the premises of one dairymen I saw two men near the barn, and as I drew near one said to the other "Get the rope." I inquisitively said "What for, gentlemen?" Pointing to a well not yet finished, they said "That's where we put all our agents." Of course it was up to me to convince them that I was not a book agent. After meditating a moment and glancing to see how far my horse and buggy was away, I ventured to tell them my business, and it was only by being able to persuade them that the business of our office was to aid them, to advise and as far as possible assist them in using the very best methods that they might be able to deliver to their cheese factory the purest and sweetest of milk, that I escaped the pit.

As I was taking notes on our score card in a large dairy barn and had about completed my work I was suddenly confronted by a large black bear with no rope chain, or muzzle on. He was very close to me before I saw him. Whether it was his intention to embrace or congratulate me as he reared up I did not wait to see, but hurriedly made my exit through an opening about three by three, not intended for that purpose. When I return to see if the contract has been complied with which the dairymen signed all he needs to do to keep me from entering the barn is to put up a sign on the door "Bear loose inside." I found later that the bear is a pet and is turned loose in the barn for exercise.

### Children Help Milk.

One little girl of five milks an old cow and gets a five pound bucket of milk; another girl of seven milks three cows. I found many children from eight to twelve years helping to milk. It is the only employment they have and it is well to teach them to be cleanly in their work; to have a moist cloth to wipe

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with clean hands. The milkers should be washed. The way to are first to wash their hands. Most of them wet the cows' udders or teats with milk, and when teats and hands are not clean we can easily imagine what the result will be. I condemned two cans of milk for filthy milking; also the milk of two dairymen who refused to cool their milk in a proper place and in turn the dairymen condemned me for visiting their places late in the evening and early in the morning. Out of the six dairies condemned only one is still out of commission; the others soon cleaned up. I also condemned 120 milk cans. Cheesemakers will find this mark (X) under the handle of each condemned can.

### The Cheese Factories.

Of the 31 cheese factories I inspected, most of the large ones were in good condition. There were some, however, especially the smaller ones in remote places, that needed attention.

There are many factories that need repairing in different ways before the season opens in the spring. Some floors and small drains connecting with larger drains are in a leaking condition and should be made perfectly tight, and large drains that do not flow freely should be opened up and properly covered. Many need coats of paint inside and to have the windows provided with screens. Some of the factories are suffering from a shortage of water and this matter must receive proper attention. I think that between one-third and one-half of the factories have the whey tanks within a few feet of the buildings, or adjoining them, and these tanks as a rule are not washed for several months at a time. Last August the odor arising from these tanks was very strong and the whey still stronger with acid, which we believe is the cause for so much rust in the cans, as the whey is hauled back in the milk cans. We believe the fact that many times when the milk is "off" it may be attributed to the cans not being properly cleaned after containing this strong whey.

Another thing that I would mention is the fact that all the cheese makers are not as cleanly attired as they should be, which also applied to some of the butter makers in the valley.

If the co-operative Association were to call a meeting for the discussion of these matters, inviting all owners and managers of factories to be in attendance, I am quite certain the State Department would arrange, if requested, to have a representative on hand to assist in every way possible in the improvement of the dairies and factories.

Among the subjects for discussion might be enumerated "The causes of tainted or gaseous milk;" "The absorption of odors;" "The securing of better sanitary conditions around factories;" "The keeping of flies out of factories;" "The cleaning of whey tanks;" "Abundant supply of pure water;" "Proper places to cool milk;" etc. As first class cheese cannot be made from over ripe or tainted milk the active co-operation of the dairymen with the cheese factory and the installation of proper methods at the factory will solve the all-important problem.

### Dr. J. T. Work, M.T.,

Wishes to announce that he will be open for practice after the first of the year, on 1st Street, three blocks west of Allen bakery, cor. 3rd ave. West.

I specialise for nervous and chronic diseases generally. By dietetics and hand manipulation of the nerves affected principally at the spinal column. By electricity in its various forms required I specially recommend the Electro-Radiator as an improved form of Turkish bath and electric treatment combined, being the best; and only device that gives both at once thus invigorating instead of weakening the system as hot water or steam baths.

I have references from many leading physicians and hospitals where it is used most effectively for all kinds of rheumatism and neuralgia. It quickly dispels grippe and colds setting into lung troubles or dropsy and all such effusions. For stomach and nervous disorders it proves very satisfactory and I respectfully solicit the patronage of all suffering from such disorders. Dr. J. T. Work, Naturopath Physician.

### Foley's Honey and Tar Compound

Is its fatal tendency to pneumonia. To cure your la grippe coughs take Foley's Honey and Tar Compound. R. E. Fisher, Washington, Kas., says: "I was troubled with a severe attack of la grippe that threatened pneumonia. A friend advised Foley's Honey and Tar Compound and I got relief after taking the first few doses. I got three bottles and my la grippe was cured." Get the genuine, in the yellow package. Sold by Chas. I. Clough Co.

### Foley's Honey and Tar Compound

"Cures in Every Case." Mr. Jas. McCaffery, Mgr. of the Schiltz Hotel, Omaha, Neb., recommends Foley's Honey and Tar Compound, because it cures in every case. "I have used it myself and I have recommended it to many others who have since told me of its great curative power in diseases of the throat and lungs." For all coughs and colds it is speedily effective. Chas. I. Clough Co.

### Foley Kidney Pills

always give satisfaction because they always do the work. J. T. Scheint, Bremen, Ga., says: "I have used Foley Kidney Pills with great satisfaction and found more relief from their use than from any other kidney medicine, and I've tried most all kinds. I can cheerfully recommend them to all suffering from kidney and bladder troubles." Chas. I. Clough Co.

### Foley's Honey and Tar Compound

is a reliable family medicine. Give it to your children, and take it yourself when you feel a cold coming on. It checks and cures coughs and colds and croup and prevents bronchitis and pneumonia. Sold by Chas. I. Clough Co.

### Notice of Receiver's Sale.

In the Circuit Court of the State of Oregon, for the County of Tillamook. Elmore Packing Company, a corporation, Plaintiff, vs. Mary H. Elmore, Defendant.

In pursuance of and by virtue of a decree and order of sale of the above entitled court in the above entitled cause, directing me as the Receiver appointed in the above entitled cause by the above entitled court, to sell the real property hereinafter described, under and by virtue of said decree, which said decree was duly rendered and entered of record in the above entitled cause on the 18th day of December, 1911, and directing me as said receiver to sell the same to the highest and best bidder therefor, at public auction, in the manner and form prescribed by law for the sale of real property on execution.

I will on the 22nd day of January, 1912, at the hour of ten o'clock in the forenoon of said day, at the north entrance door of the County Court House, in Tillamook City, in Tillamook County, Oregon, sell at public auction to the highest and best bidder therefor, for U.S. gold coin in hand, the following described real property, to-wit:

Situate in the County of Tillamook, State of Oregon: The E. half of N.E. quarter, N.E. quarter of S.E. quarter and Lot 1 of section 22, T. 3 N., R. 10 W., except Town of Nehalem and one and one-half acres, sold to School District No. 39.

Also tract commencing at a point where section line between sections 22 and 23, Tps. 3 N., R. 10 W., intersects lot 4 in block 5 of the town of Nehalem, then down line of blocks 4 and 5, 248 ft. to Nehalem river to a stake 2 ft. North of Wists Wharf, then North 20 degrees E. 33 ft. to lot formerly owned by C. Pyle, then North 70 degrees West, along line of said lot 1 one between sections 22 and 23, then south on said section line to beginning, containing 3.16 acres in Lot 5, Section 24, T. 3 N., R. 10 W.

Also the following lots in the Town of Nehalem: All of Blocks 1, 2, 3, 4; Lots 3, 4 and the W. 1/2 of half of Lots 7 and 8, in Block 5; Lots 1, 2, 3, 4, 7 and 8, in Block 6; all of Blocks 7, 8, 9 and 10; Lots 1, 2, 5, 6, 7 and 8, in Block 11; Lots 1, 2, 7 and 8, in Block 12; Lots 3, 4, 5, 6, 7 and 8, in Block 13; Lots 1, 2, 5, 6, 7 and 8, in Block 14; all of Blocks 15 and 16. Also all the tide land fronting and abutting above described property.

Also beginning at the corner of sections 4, 5, 32 and 33, Tps. 2 and 3 N., R. 10 W.; thence W. on line between sections 3 and 32, 6.13 chains; thence south 16.22 chains to Bay shore; thence north 61 degrees East 7 chains; thence north 55 degrees East 2.65 chains; thence north 34 degrees east 5.13 chains; thence north 24 degrees East 5.25 chains; thence North 58 degrees East 1.75 chains; thence North 30 degrees West 1.50 chains to line between sections 4 and 33; thence west 7.51 chains to the place of beginning 15.21 acres. Variation 21 degrees East.

Also all the frontage, wharfing rights and privileges north and in front of lot two (2), in section four (4), in township two (2), North of range ten (10) West of the Willamette Meridian, extending from the line of ordinary low tide to the channel of the Nehalem river, and also all riparian rights and wharf privileges of whatever nature pertaining to said described lands, less right of way heretofore conveyed to the Pacific Railway & Navigation Company.

Dated at Tillamook City, Oregon, this 27th day of December, 1911, WEBSTER HOLMES, Receiver.

### Notice of Sheriff's Sale.

NOTICE IS HEREBY GIVEN,—That in pursuance of a decree of foreclosure and sale duly rendered and entered by the Circuit Court of the State of Oregon, for Tillamook County, on the 18th day of November, 1911, and of an execution and order of sale, duly issued by the Clerk of said Court, in pursuance thereof, dated November 27th, 1911, and to me directed I have levied upon all of the right, title and interest of Albert H. Malaney, Lulu E. Malaney, D. T. Edmunds, John H. Dunstan and Mary F. Dunstan, defendants in the said foreclosure proceedings, in and to the following described real property, situate in Tillamook County, Oregon, to-wit:

The Southeast quarter of the Southwest quarter, and Lot 5 of Section 19, and the Northeast quarter of the Northwest quarter and Lots 9 and 10 of Section 23, containing 123.90 acres (except 21.82 acres deeded to Albert H. Malaney.)

Also the West half of the Northeast quarter, and Lots 6, 7 and 8 of Section 31, and Lot 7 of Section 31. Also the tide land fronting and abutting on Lots 3, 4 and 5 of Section 19. (Except the tide lands fronting and abutting on Malaney's addition to Ocean Park) and the tide lands fronting and abutting on Lots 1, 2, 3, 7, 8, 9 and 10 of Section 31, and the tide lands fronting and abutting on Lots 6 and 7 of Section 19.

All in Township 4 South of Range 10 West of Willamette Meridian. Also Lots 1 and 2, of Block 2, Malaney's addition to Ocean Park. Except that portion of the premises aforesaid contained within the limits of Pacific City.

And in pursuance of said decree and order of sale I will on Monday, the 15th day of January, 1912, at the hour of 10 o'clock a.m., at the front door of the Court House, in Tillamook City, Tillamook County, Oregon, sell at public auction, subject to redemption, to the highest bidder, for cash in hand, all of the right, title and interest of the above named defendants, or either of them, in and to the above described real property to satisfy said execution and order of sale, interest and costs, and all accruing costs. The decree of foreclosure and order of sale referred to was entered by said court in a cause wherein Kathleen Mills was plaintiff, and the other parties above named were defendants, and by the terms of said decree of foreclosure the plaintiff was decreed to have and recover of and from the defendants Albert H. Malaney and Lulu E. Malaney, the sum of \$3000.00, with interest thereon at the rate of eight per cent. per annum from July 1st, 1910, for the sum of \$50.00 as attorney's fees, and for the costs and disbursements of the suit taxed at \$19.95.

Dated this December 7th, 1911. H. CRESSHAW, Sheriff of Tillamook County, Oregon.

### Notice of Sheriff's Sale

NOTICE IS HEREBY GIVEN,—That in pursuance of a decree of foreclosure and order of sale duly rendered and entered by the Circuit Court of the State of Oregon, for Tillamook County on the 11th day of November, 1911, in a certain suit then pending in said court, wherein Lewis Sondheim is plaintiff and Srethna S. Phelps is defendant, in favor of said plaintiff and against said defendant, and in pursuance of an execution and order of sale duly issued out of said court upon said decree and order of sale bearing date December 30th, 1911, and to me directed as Sheriff of Tillamook County, Oregon, I, H. Cresshaw, Sheriff of Tillamook County, Oregon, will expose for sale, and sell at public auction to the highest bidder for cash in hand on Saturday the 10th day of February, 1912, at 10 o'clock A.M., all the following described real property situated in Tillamook County, to-wit:

All of Blocks 4 and 17 in the town of Netarts Bay Park, according to the map and plat thereof on file in the office of the County Clerk of Tillamook County, State of Oregon.

For the purpose of satisfying said decree, and wherein it is decreed that the plaintiff have judgment against the defendant for the sum of \$313.52, with interest thereon at the rate of ten per cent. per annum from April 15th, 1911, for the further sum of \$35.00 attorney's fees, and for the costs and disbursements of the suits taxed at \$41.80.

Dated this January 11th, 1912. H. CRESSHAW, Sheriff of Tillamook County Oregon.

### A Good Position

Can be had by ambitious young men and women in the field of "Wireless" or Railway Telegraphy. Since the 8-hour law became effective, and since the wireless companies are establishing stations throughout the country there is a great shortage of telegraphers.

Positions pay beginners from \$20 to \$40 per month, with good chances of advancement. The National Telegraph Institute of Portland, Oregon operates under the supervision of K. R. and Wireless officials and places all graduates into positions.

It will pay you to write them for full details. Do not allow your kidney and bladder trouble to develop beyond the reach of medicine. Take Foley's Kidney Pills. They give quick results and stop irregularities with surprising promptness. Chas. I. Clough Co.

Charles D. has found a better way of getting well. FOLEY'S KIDNEY PILLS. Post Office.

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