



TILLAMOOK, OREGON, FEBRUARY 20, 1919.

## TILLAMOOK COUNTY'S FAMOUS CHEESE!

**Manufactured 5,036,900 Pounds.**  
**The Total Receipts for Cheese, Etc.,**  
**Amount to \$1,352,694.**  
**45,100,156 Pounds of Milk Produced in Tillamook County in 1918.**

(By Fred C. Baker)  
 Notwithstanding that the summer of 1918 was unusually dry in all parts of Oregon, and in Tillamook County as well, the result of last year's dairy industry in this county is considered exceedingly satisfactory taking everything into consideration. The records show that it is not only a banner year for high prices, but there is a slight increase in the amount of milk produced and in the cheese manufactured. The increase in the amount of money received was \$163,849 over the previous year; the increase in milk was 198,853 pounds and the increase in the amount of cheese manufactured was 62,572 pounds. The average price for cheese was 26.36c, the two previous years being 23.51c and 17.76c. For 100 pounds of milk the average price was \$2.66, it being \$2.44 the previous year. The average price of butter fat last year was 64.4c per pound, the previous year being 60c.

When considering the high price of other dairy and agricultural products the price of Tillamook cheese did not advance as much of some of them, especially wheat, which doubled in price in recent years. The Tillamook Creamery again obtained the honor of being the factory with the largest amount of milk received and cheese manufactured. Maple Leaf Creamery is a close second, and the Holstein creamery taking third place. Fairview Dairy Association, which used to be one of the three cheese factories at the top of the list, dropped to fifth place.

As a number of the larger cheese factories have installed plants to save the surplus cream that goes into the whey tanks, this has netted \$24,479.01, the factories receiving \$19,741.39 for whey cream and \$4,737.62 for whey butter. The yield is slightly below the previous year. It was 11.16 in 1918 and 11.23 in 1917. The high price of hay last year was a serious problem, which set the dairymen thinking, as it took considerable money to buy feed where the dairymen are pasturing too many cows. The dairymen who played safe are those who followed the example of the early dairymen of this county and who raised all their own feed. These are the dairymen who made the most money last year and who increased their bank accounts, as they did not have to buy hay at the high price that prevails today. The high price of feed however did one good thing. A good many poor milk producing cows were disposed of and helped out the meat market.

The records for the past ten years show that the cheese production of Tillamook county was doubled in that length of time, every year being an increase and never a decrease. Although the production of cheese more than doubled itself in ten years there is an increase of nearly a million dollars in the value of cheese sold from the year 1909 to 1918. The cheese factories south of Three Rivers produced one fourth of the milk in the county and their receipts amounted to \$305,000 last year. The report of the cheese inspector, F. W. Christensen, shows that nearly all the cheese manufactured in Tillamook county was inspected by him, and that cheese making in this county has not reached the perfection stage. When taken into consideration that 190,311 triplets, 240 twins, 15,147 Young Americans and 22,753 long horns were inspected last year, as well as the thorough and rigid inspection that cheese is subjected to before it obtains the inspectors' stamp of first grade, there are quite a number of cheese that does not reach the high standard. There were 7,045 triplets, 155 Young Americans and 646 long horns that did not come up to the standard and were sold as seconds. As this can be remedied, the inspector attributes 75 per cent of this second grade cheese to off flavor, caused by whey flavor. There would be only a small proportion of seconds if more care had been taken by the dairymen. This goes to prove that first class cheese cannot be made with milk with off flavor, and as one careless dairymen can spoil a whole batch of cheese, it behooves the other dairymen and the cheese makers to keep a close watch on the dairymen who take milk to the factories with off flavor. Mr. Christensen offers some suggestions that should be followed to prevent this in the future.

Carl Haberlach was the secretary-salesman, for 24 co-operative cheese factories, and it is the most prosperous and successful year in the history of the cheese industry of Tillamook county. He handled \$1,328,218 of the dairymen's money and conducted their business in a most satisfactory manner. He works in co-operation with the directors of the different cheese associations, and they confer together in regard to what the price of cheese is to be sold for. The Tillamook County Creamery Association is made up of one member of each cheese association, and it is this association that employs the secretary-salesman and cheese inspector and grader. This association has been largely instrumental in placing a first class, high grade cheese on the market, manufactured under strictly sanitary conditions, with flattering results, for no matter where Tillamook cheese is put in competition with cheese made in the East or the cheese producing state of Wisconsin, it captures the first prizes, which is the best proof that the famous Tillamook cheese is far ahead of all other cheese made elsewhere. A large amount of the Tillamook cheese is sold in California.

We have failed to receive the annual report of the Upper Nestucca Creamery, consequently there is one cheese factory's report missing. In 1917 this factory produced 206,000 pounds of milk and 23,316 pounds of cheese, valued at \$4,900.35. Probably the same amount of milk was taken to the factory last year. This would increase the totals that amount.

Name of Factory	Lbs. Milk	Lbs. Cheese	Amount
Tillamook Creamery	5,599,418	634,833	\$168,102.45
Maple Leaf Creamery	4,978,839	576,604	154,937.11
Holstein Creamery	3,142,797	335,627	89,847.14
South Prairie Creamery	2,940,523	330,816	86,981.32
Fairview Dairy Association	2,559,561	294,253	78,423.26
Mohler Creamery	2,502,226	277,270	76,185.34
Red Clover Creamery	2,421,206	267,549	72,317.78
Clover Leaf Creamery	2,240,582	250,478	64,766.89
Cloverdale Cheese Company	2,132,036	234,024	62,136.95
Central Creamery	1,944,642	214,121	56,632.16
Long Prairie Creamery	1,820,113	201,358	52,349.02
Three Rivers Creamery	1,814,633	198,780	52,133.93
Oretown Cheese Co.	1,582,658	152,578	40,262.21
Elwood Creamery Company	1,241,386	140,260	36,327.36
Cold Springs Factory	1,190,354	131,325	34,876.74
Meda Creamery Company	1,104,596	124,588	32,504.40
Neskwon Dairy Association	1,057,828	112,245	29,262.21
East Beaver Cheese Co.	1,022,921	118,662	30,793.10
Pleasant Valley Creamery	898,424	98,551	26,041.05
Beaver Creamery Association	860,413	93,090	22,266.79
Miami Creamery	717,211	79,603	21,050.12
Alder Vale Creamery	614,903	64,477	16,572.18
Blaine Creamery	608,814	68,219	18,008.18
Sand Lake Creamery	344,078	37,589	10,118.37
<b>Total</b>	<b>45,100,156</b>	<b>5,036,900</b>	<b>\$1,328,218.37</b>

Year	Lbs. Milk	Lbs. Cheese	Amount	Yield
1909	23,416,524	2,506,612	\$386,135.81	10.70
1910	23,639,644	2,541,057	400,044.84	10.75
1911	24,131,802	2,619,229	358,206.29	10.85
1912	29,139,514	3,211,004	524,718.61	11.02
1913	31,566,888	3,505,516	541,748.46	11.10
1914	33,202,516	3,694,458	568,395.53	11.12
1915	36,577,206	4,043,875	557,596.00	11.05
1916	38,600,101	4,335,817	726,911.00	11.23
1917	44,901,303	4,974,328	1,188,052.13	11.23
1918	45,100,156	5,036,900	1,352,694.38	11.16
<b>Total</b>	<b>340,278,674</b>	<b>36,469,796</b>	<b>\$6,604,503.05</b>	

37,493 lbs. whey cream sold.  
 10,795 1/2 lbs. whey butter sold.  
 \$19,741.39 received for whey cream  
 \$4,374.62 received for whey butter  
 \$1,328,218.37 received for cheese.  
 Total receipts, \$1,352,694.38.  
 1,863,347 lbs. butter fat.  
 71,496 boxes cheese produced.  
 Average price per lb. cheese, 26.36c.  
 Average price paid for butter fat, 64.4c. the lb.  
 \$2.66 average price paid for 100 lbs. milk.

### Report of the Cheese Inspector.

Gentlemen:—Following is my report of cheese inspected for the year ending January 31st, 1919.

Name of Factory	Triplets	Twins	Y. A.'s	Horns
The Tillamook Creamery	25,075			1,668
Maple Leaf Creamery	21,276		2,598	3,742
Holstein Creamery Company	13,741			1,142
South Prairie Creamery	12,332			2,412
Red Clover Creamery	10,618			997
Fairview Dairy Association	9,076	240	2,191	4,312
Mohler Creamery	9,862		6,192	
Clover Leaf Creamery	10,161		526	420
Cloverdale Creamery Association	8,365		34	1,755
Central Creamery Company	8,706			458
Long Prairie Creamery	8,042		210	780
Three Rivers Creamery	7,577		48	1,290
Oretown Cheese Company	5,630		19	1,046
Cold Springs Creamery	5,469		62	
Elwood Creamery Company	5,427		11	689
Meda Creamery Company	5,022		9	518
East Beaver Cheese Company	4,596		528	387
Neskwon Dairy Association	3,791			516
Pleasant Valley Creamery	3,847		1,213	
Beaver Creamery Association	3,559			621
Miami Valley Creamery	3,334		89	
Blaine Creamery Company	2,581		90	
Alder Vale Creamery	2,223		1,328	
<b>Total</b>	<b>190,311</b>	<b>250</b>	<b>15,147</b>	<b>22,753</b>

### The Secretary's Report.

Gentlemen:—Following is my report as secretary of your association for year ending today:  
 The 23 factories in the association received 44,756,078 lbs. of milk last year. This milk contained 1,849,522.65 lbs. of butter fat.  
 Average butter fat in milk, 4.131 per cent.  
 4,999,311 lbs. cheese were manufactured and sold.  
 70,986 boxes cheese produced.  
 Cheese sold for \$1,318,100.00. We are adjusting prices on some December cheese, same having arrived at markets after decline, but total will be substantially as above.  
 \$7,495.33 lbs. whey butter sold for \$19,741.38.  
 10,795 1/2 lbs. butter manufactured and sold for \$4,734.62.  
 Total receipts, \$1,342,576.01.  
 Average price received for cheese, 26.36c.  
 Factories received \$151,374.46 for making cheese, an average of 3.027c. for making.  
 Expenses of the factories were \$134,254.97, showing a gain of \$17,082.49. This was placed either in surplus account or expended in betterments.  
 Average cost of making cheese, the actual cost, was 2.685c. the lb.  
 Average price paid patrons for 100 lbs. milk, \$2.66.  
 Average price paid for butter fat, 64.4c. the lb.  
 Average yield, 11.168 lbs. cheese per 100 lbs. milk.

Directors salary and per diem ..... 525.70  
 Paid for printing etc. .... 36.25  
 Expense on trips to Portland etc. .... 21.00  
 P. W. Todd, stamps and envelopes ..... 179.98  
 Chis. I. Clough, stationery, books etc. .... 147.05  
 Reports and papers, ..... 8.00  
 Income tax paid ..... 77.76  
 Claims allowed and paid factories ..... 514.78  
 Express paid on supplies. .... 30  
 Rent paid C. H. Woolfe for vats ..... 25.00  
 Ink for check writer ..... 1.00  
 Hauling at depot ..... 4.50  
 Liberty Loan Advertisement ..... 15.00  
 Advertising, ink, dies etc. 4,750.06  
 Balance cash on hand ..... 76.34  
**Total** ..... \$15,309.45  
 I have not been paid for selling, December, 1918, cheese, \$147.64 being due me.  
 You will note that the above calls for a total of 13 months salary for salesman, which would pay my salary to March 1st, 1919. The inspector has been paid for his services to the 1st of February, 1919.  
 We have on hand a fair supply of envelopes, stationery and ink, probably enough ink for the coming season.  
 The association absorbed the loss on claims arising on account of cheese becoming overheated, etc., \$514.78, which was quite a heavy load. It would seem that hereafter claims can not be taken care of out of the 1/2c. charged by association. We also expected to get more milk than we did.  
 The foregoing does not represent the actual 1918 expenses, as \$12.97 of the foregoing represents telegram and phones paid this season, \$250.00 of inspectors account should be charged to 1919 account, and two months of secretary's account or total of \$890.70 should be charged to 1919 account. We also have on hand \$355.00 worth of ink, stationery and envelopes. The itemized account before set out shows actual amounts paid out from date of last annual meeting to this time. We are also owing for credit of \$123.75.  
 The above changes our statement to read as follows at this time:  
 Resources—Cash in bank, \$76.34;  
 Ink on hand, \$200.00; Stationary on hand, \$100.00; Envelopes, estimated, \$55.00; 1919 expense account to date, \$1,153.67. Total, \$1,585.01  
 Liabilities—Balance due secretary, \$147.64; Due other concerns, \$209.18; Capital stock outstanding, \$250; By balance, \$978.19. Total \$1,585.01  
 The association also has credit for January, 1919, cheese sold, but I have not estimated what this amounts to.

**Financial Statement.**  
**Receipts**  
 The association had on hand last season, ..... \$ 1,111.83  
 Collected from Holstein creamery, tin ..... 155.20  
 Collected from Red Clover Creamery, vats ..... 232.80  
 Collected from Miami Cry. balance due ..... 37.50  
 Collected for tin sold in 1917. .... 377.62  
**Totals last report** ..... 1,914.95  
 Collected from factories during 1918, ..... 13,186.72  
 Claim paid us ..... 46.02  
 Claim pr acct. paid us ..... 38.01  
 Other collections ..... 123.75  
**Total receipts** ..... \$15,309.45  
**Disbursements.**  
 Inspectors Salary, Feb 1918 \$ 172.50  
 Inspector, March, 1918 to Jan. 31, 1919 ..... 2,750.00  
 Salesman, Feb. 1918, old basis ..... 375.00  
 Paid salesman on account of work to date ..... 4,851.57  
 Paid secretary for making extra reports ..... 345.00  
 Telephones ..... 147.95  
 Telegraphs ..... 242.71  
 Loading cheese, extra work at depot ..... 42.00

This is an increase of 15,505 Triplets and a decrease of 4,872 Y. A.'s and 9,237 Horns, making a net gain of approximately 9,500 Triplets.  
 Of the above amounts 7,045 Triplets, 155 Y. A.'s and 646 Horns were shipped as second grade.  
 About 75 per cent of these seconds were caused by off flavor in the milk such as whey flavor from filthy whey tanks, ensilage flavor from an excessive ration of poor or decayed ensilage. I find that milking machines when washed often and the milk is cooled, doesn't give much trouble but through neglect have been responsible for quite a few seconds.  
 There was also a lack of interest on the part of some of the makers, together with poor help, has made it hard to keep both finish and quality as it should be and quite a few cheese have been shipped as seconds on account of poor finish, such as oversize, crooked, and open rind from not being pressed properly.  
 A lot of this second grade cheese can be eliminated by a general policy of cooling the whey. It has proven a great benefit where practiced, increasing the feed value of the whey and makes it easier to keep the cans clean. To successfully do this the tanks should have tight covers.  
 Respectfully submitted,  
 F. W. Christensen,  
 Cheese Inspector.

### Annual Meeting of the Tillamook County Creamery Association.

The annual stockholders' meeting of the Tillamook County Creamery Association was held on Monday at the City Hall. All the factories were represented except Cloverdale. Following is a list of the delegates and directors for the year.  
 Tillamook Creamery, Geo. Williams  
 Maple Leaf Creamery, Jas. Williams  
 Holstein Creamery, J. J. Rupp  
 South Prairie Creamery, T. W. Lyster  
 Mohler Creamery, Rudolph Zweifel  
 Red Clover Creamery, M. Abplanalp  
 Clover Leaf Cry., Claud Christensen  
 Long Prairie Creamery, Jesse Earl  
 Elwood Creamery, Joe Donaldson  
 Fairview Dairy Ass'n., John Naegeli  
 Alder Vale Cry., Ben Kuppenbender  
 Miami Valley Creamery, C. V. Stoker  
 Pleasant Valley, F. W. Robitch  
 East Beaver, C. J. Stults  
 Beaver Creamery, J. T. Davis  
 Blaine Creamery, R. C. Magarrell  
 Three Rivers Cry., Chas. McKillip  
 Cold Springs, Carl Haberlach  
 Central Creamery, M. J. Jenck  
 Meda Creamery, D. J. Dunn  
 Oretown Cheese Co., W. Christensen  
 Neskwon Dairy Ass'n., F. Scherzinger.  
 Ben Kuppenbender was elected president.  
 Report of the inspector read, approved and ordered published.  
 Report of Secretary read, approved and ordered published.  
 Carl Haberlach was elected secretary, receiving 20 out of the 22 votes.  
 F. W. Christensen was elected inspector.  
 The secretary read numerous letters, telegrams and market reports bearing on market conditions.  
 All of the directors were well pleased with the showing made the past season.

### Annual Fireman's Dance.

The K. P. Lodge has undertaken to help the Hose Company, which is in debt to the amount of about \$200.00, the balance owing on the fire truck. It is time that this debt was wiped off the slate and with that object in view the K. P.'s are going to take charge of the annual Firemen's ball which will be given on Saturday, February 22nd. The K. P.'s promise a good time and a most enjoyable evening and hope that a large crowd will attend the dance.

### Death of George F. Sanders.

Word was received in this city last week that Sergeant George F. Sanders, a former teacher in the Tillamook High School had died in France on January 15th, according to the reports received by his Portland friends, where he made his home at 735 Hoyt street. After leaving Tillamook he became coach for the Lincoln High School in Portland.  
 Sergeant Sanders was born in Saginaw, Mich., August 2, 1891. He was graduated from The Dalles high school in 1910, and from the Oregon Agricultural College in 1914. At the time of his enlistment he was a student in the University of Oregon medical department.  
 He leaves his widow, Mrs. Hazel Sanders; his parents, Dr. and Mrs. G. E. Sanders, of The Dalles, Or., and a brother, A. Owen Sanders, treasurer of the Portland Symphony orchestra.

### Birthdays Celebration.

Program for Washington's and Lincoln's birthday, at the K. P. hall on Saturday, Feb. 22nd, at 7:30 p. m.  
 "America," by the audience.  
 "Abraham Lincoln," by Dr. Chas. E. Gibson.  
 "Lincoln's Gettysburg Address" Rolle W. Watson.  
 Song, Mrs. Allen Page.  
 Recitation, Master Zachmann.  
 Song, Clara and Buster Woolfe.  
 Reading, Mrs. F. B. Stranahan.  
 Song, Elvira and Buster Woolfe.  
 "Washington" Attorney H. T. Botts  
 Song, Mrs. Chas. Gibson.  
 Solo, Roleta and James Watson.  
 "Star Spangled Banner", Audience.

### Notice to Water Users.

After March 1st, 1919, all water rents will be collected at the City Hall of Tillamook City.  
 The rules require that all water rent must be paid in advance before the 10th of each month and this rule will be strictly enforced, and failure to pay will result in water being shut off and a charge of 50c made for turning on again.  
 All arrears for February should be paid without delay to John Aschim at the Sheriff's office.  
 F. L. Berkey, Supt.

### The Allied Churches.

Meet every Sunday at 11 a.m. and 7:30 p.m. in the Presbyterian church for preaching services.  
 Sunday School every Sunday at 10 a.m.  
 Prayer and Bible Study meeting every Wednesday evening at 7:30. Subject for Feb. 26 "The necessity of a Bible" being the second talk in the series "The Making of the Bible."

### GEM THEATRE PROGRAM

Saturday, Feb. 22—"His Bonded Wife" featuring Emmy Wehlen. This story and play has a very unusual and pleasing theme, one which is so out of the ordinary, that it will make you all wonder as to the outcome, until the last scenes are flashed on the screen.  
 Sunday, February 23—"The City of Dim Faces" featuring Sessue Hayakawa. This celebrated actor's plays present some of the most magnificent oriental scenes and backgrounds that the mind can conceive. This picture in particular is full of beauty, poetry, and romance of the oriental life.  
 Tuesday, Feb. 25—"A Desert Wooing" featuring Enid Bennett. Miss Bennett has proven herself a star of present day photoplays. She had come to be loved and admired by all who enjoy attending the Theatre.  
 Thursday, Feb. 27—"Swat the Spy" featuring Jane and Katherine Lee. This picture is one of exceptional merit. Moving picture critics from all parts of the country are unanimous in the opinion, that "Swat the Fly" is the greatest picture ever produced by these two clever ladies.  
 Saturday, March 1—"Opportunity" look for next week's announcement.

### For Sale.

Registered Guernsey Bull coming 3 years March 4th. Very gentle, Rich in the Yeksa and Glenwood breeding. Price, freight prepaid \$200. Photograph furnished on request. R. R. Meyer, R. 2, Cornelius, Oregon.