

THE DAIRY INDUSTRY IN NORTH DAKOTA BECOMING GREAT FACTOR

Increase of 138 Per Cent in Number of Dairy Cows in the State in Sixteen Years.

(S. H. Abbott, Assistant Dairy Commissioner.)

The dairy industry of the state of North Dakota is one of the greatest assets that it has. At present it ranks third in the industries of the state, being exceeded only by the flour and printing industries.

Its growth for the past fifteen years has been little less than marvelous and can only be appreciated when we note that in 1900 North Dakota held thirty-fifth place, with the other states of the Union, in number of dairy cows, while in 1916 North Dakota had crept up to twenty-first place.

According to the federal statistics, North Dakota in 1900 had 125,203 dairy cows, while in 1910 the number had enlarged to 259,173, or a 100 per cent increase, and in 1916 there were 357,142, or an increase over 1910 of about 38 per cent.

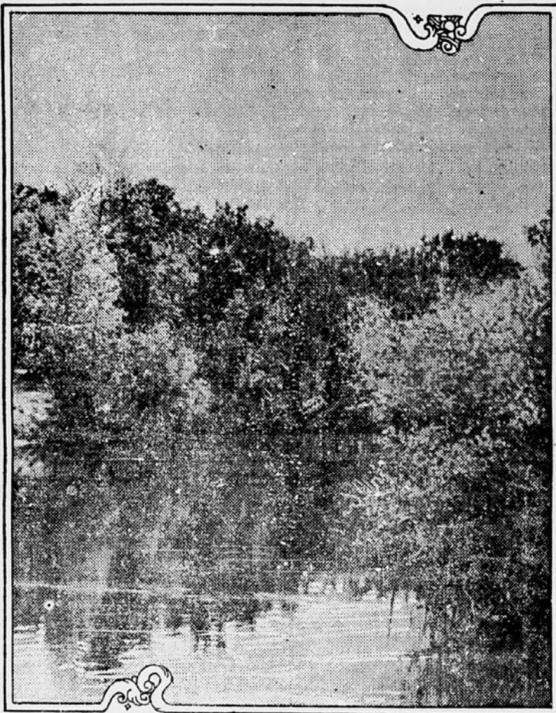
This large growth is due to the fact that the farmers of the state have awakened to a realization that dairy or diversified farming is a vital necessity to their economic progress in that it is essential that the soil fertility be maintained. They are taking advantage of the fact that the many run-down farms back East which may be bought for a song were ruined by continuous single cropping, and are seeing to it that the farms of this state will not arrive at the same destiny.

Not only has North Dakota more dairy cows than ever before, but she has better dairy cows. The large number of silos that are built every year, the large acreage of alfalfa and clover being planted, the number of well constructed dairy barns, and the interest taken in co-operative testing associations and breeding circuits, all point to the improvement of the North Dakota dairy cow.

However, North Dakota's progress has not been confined to production, for her creameries are making more butter than ever before, showing that farmers of North Dakota patronize home industry and that the creameries turn out a high quality product, on account of which they are able to pay the very best prices.

In the year ending June, 1916, there was produced in the state of North Dakota approximately twenty-two million pounds of butter, for which the farmers of the state received nearly six and one-half million dollars.

North Dakota can point with pride to the wonderful growth of its dairy industries, and it will not be long before the nation will look to this state for her butter, as she already does for bread, for with its broad prairies and fertile valleys, North Dakota is destined to become one of the leading dairy states of the Union. State Dairy Department—Bismarck, N. D., Jan. 4, 1917.



NATURE'S OWN MIRROR

IN FIRST OFFICIAL PROCLAMATION GOVERNOR FRAZIER ENDORES APPRECIATION WEEK.

State of North Dakota, Executive Department.

The boundless resources of the great state of North Dakota are little understood in the states east, west and south of us, and for that reason there has been inaugurated what has been termed, Appreciation Week; a week set apart for the purpose of letting the people of other states know about these great resources. We want every one to know about our excellent school system, our unexcelled agricultural land, our invigorating climate, our progressiveness, our wonderful wealth in coal and clay and the increased interest of the people in the live stock industry.

The setting apart of one week is a most appropriate way for us to express our appreciation of the advantage of our state. We are on the threshold of greater things, and we want our neighbors to know about it. We are a hospitable people; we will welcome all homeseekers from other lands and other states who will assist in making our commonwealth the most progressive among the agricultural states of this great nation.

Therefore, I, Lynn J. Frazier, governor of North Dakota, do hereby proclaim the week of Jan. 21-27, 1917, as Appreciation Week in the state of North Dakota. And let us make a special effort in our correspondence with friends in other states to impart to them that higher spirit of optimism so characteristic of the true North Dakotan.

Done at the state capitol at Bismarck this 5th day of January, A. D., 1917. LYNN J. FRAZIER, Governor.

THOMAS HALL, Secretary of State.

JUDGE A. A. BRUCE'S APPRECIATION.

The North Dakotan who fails to appreciate North Dakota is either ignorant of its possibilities and its destiny or is himself an ingrate. We have an area of 70,000 square miles. Our population is not above 700,000. If we were peopled as Belgium is peopled we would have a population of at least 50,000,000. There is hardly a state in the Union that has a larger proportion of tillable land than has North Dakota. Together with it and underlying it, and not interfering with its cultivation, we have a coal deposit which in terms of heat units and according to the reports of the national geological survey would equal the total present production of the United States for ninety-nine years.

There is no state in the Union where the public schools and the institutions of higher learning are better provided for. We have a law abiding, a religious and a self-governing people. We are a sober people. Our population comes from the great self-governing races of Europe, who have been schooled from the centuries in self-control and in the art of self-government. We have only yet begun to scratch the soil. Those who are here have not all succeeded, but we believe we are safe in saying that there is no state in the Union where the poor man has a better chance than he has in North Dakota.

Adulterated and Misbranded Foods And Beverages

I, E. F. Ladd, chemist of the North Dakota Agricultural Experiment Station, and Food Commissioner for North Dakota, do hereby certify that the list of food products and beverages, herein specified, have been analyzed during the six months preceding December 31st, 1916, and the same found to be adulterated or misbranded within the meaning of the statute as shown in each individual case.

I further affirm that this is a true and correct list to the best of my knowledge.

E. F. LADD, Chemist and Food Commissioner. Subscribed and sworn to before me this 31st day of December, 1916.

ALMA K. JOHNSON, Notary Public.

Adulterated and Misbranded Foods and Beverages.

- 12135—Gelatin Ice Cream. Feldman Dairy Co., Devils Lake, N. D. Fat 12.4%. Below standard.
12136—Pure Cider Vinegar. Twin City Wholesale Grocery Co., St. Paul, Minn. Not a pure cider vinegar.
12137—Pure Cider Vinegar. Minot Grocery Co., Minot, N. D. Not pure cider vinegar.
12138—Cider Vinegar. Foley Bros. & Kelly, St. Paul, Minn. Not pure cider vinegar.
12140—Pure Fruit Jam. Seneca Brand. Empire Provision & Produce Co., Chicago, Ill. Not made from sound material. Illegal.
12171—Ice Cream. Hendrickson & Co., Aneta, N. D. Fat 12%. Not standard.
12172—Ice Cream. Jahnke Bros., Rock Lake, N. D. Fat 10.1%. Illegal.
12175—Pure Creamery Butter. Danish Prize Brand. Danvang Creamery Co., Address not given. High in water; short in weight. Illegal.
12289—Gelatin Ice Cream. White Ice Cream Co., Minot, N. D. Fat 9%. Illegal.
12291—Ice Cream. Paris Confectionery, Williston, N. D. Fat 8.6%. Illegal.
12292—Ice Cream. Boack & Korbal, Crosby, N. D. Fat 9.6%. Illegal.
12293—Gelatin Ice Cream. Cary & Son, Crosby, N. D. Fat 9.8%. Illegal.
12322—Gelatin Ice Cream. Eastman Dairy, Fairview, Mont. Fat 10.4%. Illegal.
12363—Gelatin Ice Cream. Bridgeman-Russell Co., Grand Forks, N. D. Fat 10.6%. Illegal.
12421—Gelatin Ice Cream. Johnson Ice Cream Co., Fargo, N. D. Fat 9.8%. Illegal.
12466—Gelatin Ice Cream. A. J. Spielman, New England, N. D. Fat 7.1%. Illegal.
12476—Pettit Pops. J. Ramell, Paris, Colored with copper salts. Illegal.
12518—Gelatin Ice Cream. Fergus Ice Cream Co., Fergus Falls, Minn. Fat 11%. Illegal.
1893—Vim, Non-alcoholic. American Cider Co., St. Paul, Minn. Alcohol 0.19%. Illegal.
1894—Red Ribbon Beer. American Cider Co., St. Paul, Minn. Alcohol 4.19%. Illegal.
1909—Gingerade Extract. Pure Food Mfg. Co., Mandan, N. D. Contains added capsicum. Misbranded.
1933—Dark Grape Cider. National Fruit Products Co., Memphis, Tenn. Alcohol by volume 3.8%. Color, coal tar dye. Illegal.
1934—Blackberry Cider. National Fruit Products Co., Memphis, Tenn. Alcohol by vol. 9.3%; color, coal tar dye. Illegal.
1970—Grape Smash. Cavalier Bottling Works, Cavalier, N. D. Contains saponin. Illegal.
1971—Artificial Orange Cider. Capital City Bottling Works, Bismarck, N. D. Colored with coal tar dye. Illegal.
2002—Orange Pop. Jamestown Bottling Works, Jamestown, N. D. Not properly labeled; colored with coal tar dye. Illegal.

State of North Dakota, County of Pembina

I, Wm. W. Felson, county auditor in and for the county of Pembina and state of North Dakota, do hereby certify that the foregoing is a true and correct copy of a list of adulterated and misbranded foods, food products and beverages, furnished by E. F. Ladd, Food Commissioner and Chemist of North Dakota Agricultural Experiment Station. Which list is now on file and for record in my office. Same is published as provided by law. Dated at Cavalier, N. Dak., this 10th day of January A. D. 1917.

WM. W. FELSON, County Auditor.

Commissioners' Proceedings.

Tuesday, January 2nd, 1917, at 1:30 o'clock p. m. board met, Commissioner Adam Norton John S Staples and W J Watts present Commissioners A B Purdy and Joseph Morrison absent. Auditor Felson recording proceedings. By resolution, W J Watts was made temporary chairman.

Wm Wright conferred with board regarding the abatement of penalty and interest on personal taxes of W E Epton. Board refused to grant the abatement of same. Recess taken until 9 o'clock a. m. tomorrow.

Wednesday, January 3rd, 1917. Board met after recess at 9 o'clock a. m. Commissioners Norton, Watts and Staples present, Purdy and Morrison absent. Members present checked duplicates receipts made by treasurer for months of October and November, 1916, to determine collections made and accounted for during said months.

At 12 o'clock noon, board took recess until 1:30 p. m. this day. At 1:30 o'clock p. m. board resumed work. All members of the board, includ-

ing Purdy and Morrison, present.

By resolution, duly adopted, Adam Norton was made chairman of the board for the year 1917.

County depositaries. Sealed proposals on file with county auditor from several of the banks of the county were opened. It was found that the following banks in Pembina county had presented proposals and asked to be named county depositaries of county funds, agreeing to pay interest monthly on the average daily balances of all funds deposited at the rates set opposite bank's name below:

Table with columns: Bank Name, Rate of Int., Cap. Stock of Bank. Includes First National Bank of Cavalier, First National Bank of Drayton, Citizen's Bank of Drayton, etc.

By resolution, duly adopted, it was ordered that the proposals of the above named banks be accepted, excepting the proposals of the First National Bank of St Thomas and The Farmers State Bank of St Thomas and it was further ordered that the banks above named, whose proposals were accepted, be and are hereby designated as county depositaries of Pembina county in the sums set opposite banks name, being the amount of banks capital stock, provided said banks, so designated, file a good and sufficient bond according to law, in such form as may be approved by the state's attorney and signed by such sureties as may be approved by the board of county commissioners.

By resolution, duly adopted, the following claims were allowed and warrants ordered issued in payment thereof:

Table listing relief of poor, being 75 per cent of the sums paid by local municipalities: Akra township \$147.79, Advance township 65.25, Gardar township 93.00, Beaulieu township 38.25, Pembina township 367.87, St Joseph township 414.93, Wolt bounty: Hans Hauge 2.00, Ross McDonald 2.00, J F Moffatt 2.00, Hans Hauge 2.00, V A Bjornson 4.00, Chas Gussett 4.00.

Postage due and postoffice box rent: J O Keefe, P M 30, J O Keefe, P M 3 40, Draughting roads, Drayton township: F W Bellamy 13 00, Loyd Giles 34 30, Draughting roads in Lincoln township: Wm Somers 11 94, Draughting roads: Hamilton township 132 00, Draughting roads in St Thomas twp: Sutterlin and Thexton 53 75, H L Vanderlip 41 00, Fees re-examination insane: H G Vick 12 50, Fuel for court house: Cavalier Milling Company 186 12, Salary supt board of health: F W Deason 25 00, Official stray newspaper: Warwick Sentinel 5 00, Deputy in clerk of court's office 6 days in December: G A Winlaw 15 00, Cash advanced for postage, register of deeds: George Roadhouse 16 25, Lumber for bridge in Neche twp: St Hilaire Retail Lumber Co 34 50, Telephone rent for November and December 1916, also tolls: Cavalier Telephone Company 16 00, Cavalier Telephone Company 16 00, Citizen's Telephone Company 89, Typewriter ribbons: Remington Typewriter Company 3 50, Conference was had with states attorney regarding when the 1915 laws relating to salaries becomes operative. Recess taken until 9 o'clock a m tomorrow.

Thursday, January 4th, 1917 At 9 o'clock a m board met pursuant to recess taken. All members of the board present. The following county officers having filed their bonds and states attorney having approved same as to form, by resolution, duly adopted, it was ordered that same be approved as to sufficiency of surety and amount. J D Winlaw, clerk of the district court bond in the sum of \$10,000 with Northwestern Trust Company as surety; Charlotte Jones, superintendent of schools, bond in the sum of \$500 with Northwestern Trust Company as surety; Geo Roadhouse, register of deeds, bond in the sum of \$10,000 with the Dakota Trust Co as surety; Chas Atkinson, sheriff, bond in the sum of \$10,000 with the Dakota Trust Co as surety; Wm McMurry, states attorney, bond in the sum of \$2,000 with Dakota Trust Co as surety;

Cold Sores and Fever Blisters. APPROVED by the Council of the American Home. Mrs. L. A. Patterson, 238 Utah Avenue, Memphis, Tenn. says: "I have been a friend of Peruna for many years. I have used it off and on for catarrhal complaints and found it a very excellent remedy. I have a small family of children. Times are hard with us, but I can scarcely afford to do without Peruna, especially during the season of the year when coughs and colds are prevalent. We always recommend Peruna to our neighbors, for the benefit it has been to us." You needn't suffer longer with such a remedy at hand.

Peruna TABLETS. You can be obtained in tablet form. You can carry it with you and take it systematically and regularly for a remedy, or as needed for a preventive. Get a box today. The Peruna Company, Columbus, Ohio.

H G Vick, county judge, bond in the sum of \$2,000, with the Dakota Trust Co as surety. States attorney filed his written opinion that chapter 112, session laws 1915, regulating the amount of salaries of county officers upon a population basis instead of a valuation basis, becomes operative and governs as to the amount of such salaries from January 1st, 1917, of such rules that from such date all county officers are required to pay into county treasury, at end of each month, all the money received as fees of every name, nature and description, including commissions or compensations on boards created by law. By resolution, duly adopted, it was ordered that the salaries of the following county officers and deputy county of superintendent of schools, be and are hereby fixed for the year 1917, at the sums set opposite official title: County auditor \$2,000; county treasurer 2,000; sheriff 2,000; register of deeds 1,800; clerk of district court 1,800; superintendent of schools 1,800; deputy superintendent of schools 900; states attorney 1,800; county judge 1,700. Note: The above salaries being based upon a population of 14,836 as determined by the state census taken in the year 1915. Being an increase over previous year's salary of \$100 to register of deeds, \$100 to superintendent of schools, \$50 to deputy superintendent of schools, \$300 to states attorney, \$400 to clerk of the district court and a decrease of \$100 to sheriff. Other salaries remain the same as heretofore. Recess taken until 1:30 o'clock this afternoon. (Continued next week)

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