

Manitoba Dairy School.

The following programme has been prepared for the provincial government dairy school which opens for the winter term in Winnipeg in January: The dairy school will be, as last year, under the direction of C. C. Macdonald, provincial dairy superintendent. The staff of instruction will include director and lecturer; instructor in cheese making; instructor in butter making and milk testing. There will be a cheese makers' and a butter makers' course, and also a farm dairy course. Owing to the unsuitability of the month of March for the farmers' sons and daughters to attend the school, the month of January is set apart for the farm dairy course. This circular will fall into the hands of some who do not intend to become factory operators, but rather dairy farmers. In this course every line of instruction is arranged to give the largest amount of help possible to farmers' sons and daughters, who have but a limited time for study. Thorough instructions will be given in the use of the Babcock milk test and the separation of cream by centrifugal separators. The churning of cream, and working and packing of butter, will constitute a portion of this instruction. The farm dairy courses will begin on the following dates: First Course, Monday, January 4th, 1897, and end January 16th, 1897. Second course, Monday, January 18th, 1897, and end January 31st, 1897.

The cheese and butter makers' course will provide practical work in cheese-making, butter-making, and milk testing. In addition to the practical work, lectures will be given on the following subjects: "Business Management." "The Composition of Milk." "Milk Testing." "The Preparation of Milk for Cheese-Making." "The Separation of Cream from Milk." "Butter Making." "Creamery and Cheese-factory Machinery." "Care of Engine and Boiler." The cheese and butter makers' courses will begin on the following date: first course, Monday, February 1st, 1897, and end February 21st, 1897, second course, Monday, March 1st, 1897, and end March 27th, 1897. Examinations will be held for the different courses. Any person over sixteen years of age who has worked at least one season in a butter or cheese factory, is eligible for admission to the cheese or butter makers' course. A registration fee of \$2 will be charged each student in the butter or cheese makers' course, which will entitle him to eight weeks' tuition during February and March. Tuition is absolutely free to all students coming from the Province of Manitoba. The expense to each student will be the cost of travel to and from Winnipeg and board, while attending the school. Each male student must provide himself with two white suits (including caps and aprons, to be worn in school during working hours. These suits can be obtained without trouble and at small cost. Female students must supply themselves with white caps, and aprons covering the entire dress. All students in every course must attend regularly each day or give a satisfactory excuse for absence. The hours for opening the school, for day operations, will be 9 a.m. A certificate of attendance and application will be granted to each student in the butter and cheese makers courses, who (1) attends all the lectures during each course, (2) is not absent from the school during the hours of work without a reasonable excuse, and (3) shows a desire and capacity to profit by the instructions given.

Each student in the butter or cheese makers' courses, who passes a satisfactory examination at the end of the term and who proves to be a careful and competent cheese maker or butter manager, by successfully conducting a factory during one season after

leaving the school, will thereafter be entitled to a diploma.

All correspondence in reference to the school may be addressed to the Department of Agriculture, Winnipeg, Manitoba. Milk may be received from January 4th to March 22nd. Students who wish to remain during the months of February and March and take both courses, may do so. Forms of application may be had from the Department of Agriculture and Immigration.

America Holds the Key.

Berthelm, London, England, says of the late advance in wheat:

"This rise, almost for the first time on record, originated here, not in America. This shows that it could have had nothing to do with the manipulation of the American markets for political or other purposes. Its cause is that after several years of abundance, the people now recognize that this year is one of ordinary supply.

"Owing to the previous abundance, everybody held aloof from buying, and the stock ran down. Besides, the Australian crop is pretty certain to be a failure, and there is the extraordinary fact that India has become for the once, though to a small extent, an importer. These things caused the recent advance in prices. The trade always goes to extremes to start with. A reaction, that has occurred, was to be expected, but the cause of the advance remains.

"The men of the most experience in the London market believe that wheat is going to rule at 35 shillings (\$3 75) a quarter (eight bushels in a quarter), because it is now realized in addition to the other reasons I have given that it is not possible to produce wheat in Europe cheaper.

"Argentina does not count in the calculation, because her crop cannot be reckoned on until the end of November. It is now promising, but a weak of bad weather might spoil it altogether. If the Argentine crop fails there will be excitement in the trade. If it is a fairly abundant crop it will prevent such excitement. It cannot at best supply us with more than 5,000,000 quarters, which is a bagatelle in the general movement of the world's wheat. Besides the difference in gold premiums means a loss of from 5 to 10 shilling a quarter against the Argentine farmer.

"The continental markets follow us here, and until the present occasion we have followed America.

"For the first time in years America now holds the key to the situation. Every bushel of wheat America can spare will be wanted in Europe. At least 20,000,000 quarters (160,000,000 bushels) will be wanted before the season is over.

"If America could hold back the wheat for a month it would go up 10 shillings (\$2 50) a quarter. But I suppose the American banks do not consider the wheat a commodity on which it is safe to give large accommodations, so that the American trade is obliged to send wheat on as fast as it can.

"The Russian shortage is uncertain, but it is now assumed here that it will be 10,000,000 quarters. We look forward, on the whole, to an active time, with considerable fluctuations, for the moment trade becomes brisk, the speculators rush in and influence the market."

A Champagne rancher, Battleford district, has bought the Queen's hotel at Battleford, in exchange for his rancho property.

The alleged coal fire at Sudbury is creating great interest. Professor Coleman, of Toronto, has made tests for the provincial government and declares the deposit of good quality, but the Ottawa authorities, Dr. Dawson and others, cast doubt on the extent and value of the supposed mine.

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