June 1, 1910

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hewan had a toon recently. nat it was de-1 every year. such nature ing the Westn a class with . Almost all ig instead of reat part of ention belongs uperintendent

liscussing the aring on the in the early ners who had pt themselves farmers had the Dominion and its conseries in many t to be severe y the mistakes cted with the exclusive grain 's during hard :t of 1906 was of the governreameries only Such a policy nportant. Be-7 of creameries n sight.

co-operation hout the provt their support the advantage erest and help was the time be made on enwas the second that decreased

they knew the ut the future? ilties besetting the institution respond to the they went to up against it. uch joint stock ne basis as teleulations to suit

was but axle him that that ligh a standard it was anxious and improved. ion or govern-Mr. Motherwell government into them. He visits would d be a great savable advantage e a cold storage

nster, said that as the principal it perhaps dairy With wheat depleted. The land. From a and conditions held out condimixed farming. he more successears' experience gitems had been 0 acres in wheat ited it according

ROFIT

nch cows didn't red importation

I safely say that

ier, he had not

in hand from a practical standpoint to provide and not a reliable one. happiness.

Moosomin, and J. Burton, of Langenburg, took part in the discussion.

DEAN RUTHERFORD SPEAKS

The evening session was opened by Dean discussion. Rutherford, who spoke on the manner of feeding oats and peas and sorghum, or some fodder that milk and the scientific use of the separator. keeps coming on. Clover with oats, sorghum and try corn, and, if possible, have a small silo.

dairyman has his particular way of feeding.

spring and fall. He quoted statistics to show production. the great falling off in the make of butter during those months when the price was the best, and Simpson joined in the discussion. said that farmers should aim to prevent this by supplementing the pasture feeds by growing forage crops as suggested, so that they would passed have plenty of succulent feed for their cows at all times.

dairying. It was easy to develop the dairy the erection of creameries in close proximity industry in Ontario or in Denmark. Here it to each other. would require more effort. The problem of

should start the grain ration, gradually increasing balance secured by approved promisory notes. medium temperature (140 degrees to 160 degrees it and at the end of two years they would have one of the best milk cows obtainable.

Professor Rutherford approved of this and told work and methods. the delegates to feed for production at those seaprice for his butter.

as bad butter, and nothing so sweet as good butter. Everybody eats butter, and the market would certainly continue to grow. Western dairymen were not supplying 40 per cent. of the Western demand. Butter was sometimes brought from Australia to supply British Columbia. Eastern Canadian houses, while looking for export, were also turning their attention to the West. This was the best market, and in order to hold it Saskatchewan dairymen must be ready to produce the best butter and the best only. So far, in order to increase the supply they had dealt leniently with careless patrons. But now he believed they had reached the stage where if the patrons would not follow the directions, they would be better without them. Last year they had made the first shipment of butter from Saskatchewan to the Yukon, and it was a splendid market. It could not be held without quality.

Coming to the patron's responsibility, he said that good butter could not be made without good raw material. A pound of butter is a pound of flavor. If the flavor is lost everything is lost. Cleanlines and keeping the milk cold were two essentials to flavor, and the cold tempera-

of milch cows and bulls of milch strain. He ture should be continuous until the cream is That in order to obtain a still higher standard

facilities for the introduction of the best strain Cleanliness was the all-important factor how- cream on the farm. for the industry. He was confident the pursuit ever: clean cows, stables, water and utensils. That in the interest of dairying, a system of

> Langenburg; J. W. Brown, of Tantallon, and date. T. Pinson, of Lloydminster, took part in the That dairymen be urged to give more attention

ing of mixtures in the pasture, such as oats, tion." In a technical, yet interesting manner, of milk. barley and wheat, fall rye and brome grass. Mr. Zufelt dealt with the different heads of his That this convention urges the government to There was nothing a cow liked so much as subject from departmental and local standpoints, give assistance in the vicinity of creameries variety. In summer time grasses generally explaining the Babcock test in detail. He ex- to the introduction of dairy stock, and particbecome dry. Farmers should sow at intervals plained fully the different component parts of ularly bulls.

E. J. Elves, T. Ross, Thos. Jones and N. O.

RESOLUTIONS ADOPTED

Dr. Flatt, of Tantallon, said that it was common centralizing the creamery work, and that our sured them of the loyalty and anxiety of his deto hear this province spoken of as a grain growing energies be concentrated in promoting the same, partment, which would always be at their service. province. That was a difficulty in the way of and further that we do strongly advise against

labor was an important one. He urged that asked to sanction and help the establishment new methods have been brought to light. The the male at the head of a herd should be a Short- of creameries in districts in the province where curdling of the cream into larger or smaller lumps horn of the milk-producing strain. They should sufficient cream is not in sight, be it resolved during the process of pasteurization has caused avoid the beef type for successful dairying. that such amendment be made to the dairy act considerable trouble and financial loss in many I. Noddell, of Moosomin, spoke on the grading that shall prevent danger to the dairy industry, creameries, and in some cases a discontinuance of butter and said it should be of the first grade and we recommend the following amendment to of the process altogether. The factors favoring to secure ready sale. Turning to calves, he the act: That the full stock of any government this trouble appear to be medium acidity of advocated hand feeding three times a day on controlled creamery be fully subscribed, and cream (0.3 per cent. to 0.4 per cent.), low fat whole milk for three weeks, after which they that 50 per cent. of stock be paid up, and the content (below 25 per cent.), and heating only to

Mr. Hartlein expressed his faith in the profitable warrant commendation, and we do hereby which is the most easily changed. By the ad-

sons when the producer could get the highest upon the following: 1, Cleanliness; 2, the use used for this purpose, sufficient being added to of the covered milk pail; 3, the advisability of the cream to bring the acidity down to .2 per skimming a 35 per cent. cream which lessens cent. The cream is then pasteurized, as usual, Speaking of the butter market, Mr. Wilson germ contents and propagation; 4, the uniform cooled to ripening temperature, a large starter said that there was nothing so objectionable adoption of cooling cream in cans placed in ice added, and acid allowed to develop to about .4

urged on Mr. Motherwell and the department delivered at the creamery. Mr. Wilson also of excellence in the butter from Saskatchewan the necessity of considering the matter of assisting advocated a more frequent delivery to the cream-creameries, that all patrons carefully peruse the farmer in better stock-raising. It was not ery. He recommended the use of a thermome-bulletin No. 15, issued by the dairy branch the farmer in better stock-taising. It was not the taking of the matter ter. The use of the finger was an ancient method of the department of agriculture, explaining the best methods of handling and caring for

of the industry would lead to prosperity and The cows' udders should be washed before each cold storage should be established within the milking. Dust attaching to animals and the province, and that this matter be brought to the W. C. Paynton, of Tantallon; W. McCorkell, stable was largely contaminated with germ life. immediate attention of the government, with a F. E. Whiting, of Qu'Appelle; Wm. Schnell, of view to the establishment of same at an early

to the improvement of their present herds from L. A. Zufelt, the newly appointed dairy in- the standpoint of milk production, and to promilch cows to get the most out of them. The structor for the province, then delivered an ad-vide forage crops to supplement the natural pasimportant point in this country was to have good dress on "The cream test from the farmers' point turage in the early spring and fall months, as feed the year around. He advocated the sow- of view; causes of variation; methods of separa- well as succulent foods for the winter production

That in view of the success of this convention. The results of analyses of milk in different the delegates from the various creameries unpeas, was a mixture recommended. They should stages of souring was also gone into, and Mr. der government control, both from the stand-Zufelt concluded with an interesting statement point of education and the strengthening of The ensuing discussion showed that every of figures showing the great difference between the hand of the government in the good work they the fertility taken out of the land by ton quan- are doing in the development of the important The chairman, W. A. Wilson, dealt with the tities of wheat, cheese, beef, butter and milk, industry of dairying, it would be in the interest effect of the feeding on the make of butter in the last showing a ratio greatly below any other of all concerned if the holding of their convention were made an annual affair.

Supt. W. A. Wilson expressed his gratification at the enthusiasm shown throughout the entire proceedings. He begged the delegates to Following are some important resolutions carry that enthusiasm into the various districts. Those most in need of education would not attend That this convention heartily endorse the policy such meetings, and it lay with the delegates of the department of agriculture in judiciously to take that education to such people. He as-

Pasteurization is not without its drawbacks, In view of the fact that the government is and it is in trying to overcome these that several That the management of creameries under F.). Of these, the acidity appears to be the government supervision has been such as to most important, and is, moreover, the factor nature of dairying, and advocated the fall calf. express our appreciation and confidence in their dition of an alkali, the acidity can be so reduced that trouble from curdling is no longer experi-That too great emphasis cannot be placed enced. Viscogen (succrate of lime) has been per cent.. when the cream is cooled for churning.



SOME OF THE ENTHUSIASTS WHO ATTENDED SASKATCHEWAN'S FIRST DAIRY CONVENTION HELD AT SASKATOON RECENTLY