

The Dairy Associations and Milk Inspection

Ed. Dairyman and Farming World, —In your editorial of March 18th, re "The Association and milk inspection," you make this statement, "We have heard the statement that there is money in this milk inspection business for the Associations. The experience of the Western Association, with one inspector, last year, shows this, and this, we understand, was a strong factor in inducing the Associations to extend, and assume full responsibility for the work the coming season. They should have a higher aim than this."

Now, to our mind, this gives the public a wrong impression. As to making money from prosecutions, no statement could be more unfair, or untrue, so far as the Dairyman's Association of Western Ontario is concerned. It was the last thing thought of in taking up the work last year, or continuing the same work this year. The aim and object is simply to stamp out the tendency to adulterate milk sent to cheese factories.

In 1907 there were collected in fines by the D. A. W. O. \$1085.00. One-half of the money (\$542.50) was paid to the patrons of factories where the adulterations took place, to partly reimburse them, and also in compliance with the Act which governs such matters. This left a balance of \$542.50 for the Association. The salary of the prosecutor was \$355. But \$75 of this was not paid on the 31st of December, and therefore did not show in the financial statement of 1907. His travelling expenses were \$204.40, making a total expenditure of \$559.40, which leaves the Association with a debt for this work of \$16.90. It is, therefore, quite plain that no money was made for the Dairyman's Association by the work of prosecution last year.

The W. O. D. A. is not extending this work, nor assuming any more responsibility this year than last, but simply intend to carry out such measures as they believe to be in the best interests of the dairymen of Western Ontario.

John Brodie, Pres.,

Frank Hems, Sec.,

Dairyman's Association of Western Ontario.

Frozen Wheat for Stock

J. H. Grisdale, *Experimental Farm, Ottawa*
When it was known that frozen wheat would be on the market in considerable quantities, it was decided to make some test of its feeding value at the Central Experimental Farm, Ottawa. Accordingly, a car load was purchased from a farmer near Indian Head, Sask. It reached Ottawa in December. It was made up of equal parts of No. 1 frozen and No. 2 frozen. No. 1 cost \$1.06 and No. 2 98c per 100 lbs., delivered at Ottawa. The feeding tests conducted were quite varied and were on a fairly large scale. At present, however, it is not proposed to give anything more than a mere summary of the results obtained.

Horses.—No. 1 frozen was fed to horses where it made up about one-third of the meal ration, the other two-thirds consisting of bran and whole oats. It proved unsatisfactory as a feed for this class of stock. It appeared to be unpalatable to them, and when eaten, seemed to be the cause of digestive trouble.

Dairy Cattle.—When fed to milch cows, the results were quite satisfactory. A number of cows, receiving as a meal ration a mixture of eight parts bran and three parts gluten, were changed to a meal ration of five parts No. 1 frozen wheat and

three parts bran. They did as well on the new ration as on the old. By this change, the cost of the meal ration was reduced by about one-fifth. For this class of stock, it appeared important to grind the wheat very fine. For the benefit of those not familiar with gluten, it may be said that in feeding qualities and composition, the gluten used compares very favorably with oil cake meal.

Beef Cattle.—Since steers are the class of cattle for which frozen wheat is likely to be fed in considerable quantities in the West, a fairly large experiment was planned. The result obtained was that in every case the steers made good gains. It was found necessary to grind the wheat very fine, or part of it passed through undigested.

Swine.—Swine are supposed to be particularly suited for making use of this sort of feed. Therefore, it was decided to give as thorough a test as possible. The results obtained served to indicate the high value of different grades of frozen wheat for pork production. Throughout the experiment the pigs enjoyed uniformly good health. Pigs on a ration of pure frozen wheat made excellent gains. It must be noted, however, that very careful feeding was necessary in lots where pure wheat was used. When averaging up the wheat lots it was found that gains cost on pure frozen wheat less than four cents a pound, live weight. This compared very favorably with gains made on other feeds or mixtures. The wheat should be very finely ground.

Poultry.—Mr. A. G. Gilbert reports that No. 1 frozen wheat gave him good results with his hens. The wheat, however, should constitute only a part of the grain ration.

Conclusion.—Frozen wheat may be fed with profit to dairy cattle, steers, swine and poultry. It, however, should be finely ground. It is better to mix with it some other meal. Bran or oats are most suitable for this purpose.

Are Breeders Waking Up?

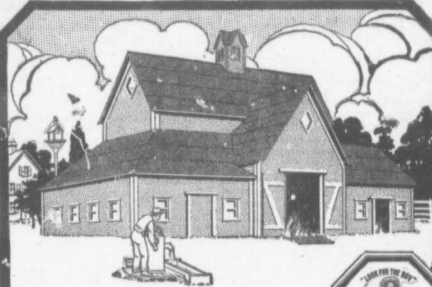
The agitation in reference to the establishment of a big International Live Stock Show, has been receiving close attention among our leading breeders. The question is well worth careful consideration. Many of the best breeders have become so discouraged over the need for some suitable place to hold a respectable show, one in keeping with the class of stock they offer for exhibition, that at last they have determined to assert their manhood, and in this they have met every reasonable encouragement from the Union Stock Yards, at the corner of Junction. This company is ready to stand by the breeders in a very tangible way, and it looks as if something would be done.

Coming from the immense success of the two Shorthorn sales recently held there, the stock yards appear to be a suitable point for holding such a show.

It is time that Canada, and Canadian breeders, had such a show, and an arena to which they could point with some degree of pride. Only then will Canadian breeders benefit from the world-wide reputation their herds are entitled to.

Therefore, we feel that the breeders and stock yard people should make every possible encouragement of the movement.

Whether the show should eventually embrace the one at Guelph, or not, it is quite apparent, judging from what has taken place on the other side of the line, that the Union Stock Yards is the natural and best location for the show. It is only at a great centre of trade and population, where such a stock yard facilities are available, that such a show can attain the size to be of most use to the agricultural interests



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