

Moved by Mr. McNaughton, seconded by Mr. Black, that Messrs. J. K. McMichael and G. C. Caston be added to the fruit delegation. Carried.

Moved by Thos. A. Good, seconded by W. McCrae, that the thanks of this Institute be tendered to the representatives of the Toronto papers for the faithful and full reports given of our proceedings, and the attention shown by them to our meetings. Carried.

Mr. D. E. Smith read the following paper on:

#### WINTER DAIRYING.

Mr. Chairman and Gentlemen,—It was with feelings of regret that I heard of the absence of Mr. T. Ballantyne, M. P. P., Stratford, and Mr. H. Nixon, St. George, who were to give papers on this very important subject. When I was requested this forenoon to make some remarks on it I felt that I could not do justice to it without a much more thorough preparation than was possible in the short time allotted to me, so that, gentlemen, you will take this into consideration and add words of wisdom and intelligence to the few remarks that I am about to make. Thus we may get a clearer, a more practical, and a more intelligent idea of an industry that bids fair to become a strong factor in our nation's prosperity.

I am heartily in sympathy with any and every movement that will encourage winter dairying, and I firmly believe that it is one of the pillars upon which must rest the future wealth and prosperity of Ontario, and, in fact, of our whole Dominion. There are many industries of vital importance to our country's welfare, and we have plenty of room for them all and I have no word of discouragement for any of them, but would be pleased to see them all encouraged and advanced, however, I am free to say that in our Province of Ontario, where our lands have been depleted of their richness by grain growing for so many years, it becomes us, as farmers, to consider how our lands may regain that fertility which they in years gone by so fully possessed, and which they so bountifully gave up to the thoughtless tiller of the soil.

My experience and observation bear me out in saying that winter dairying will do more to restore the fertility of the soil than any or all other agencies within our reach. Let us consider this question of winter dairying for a few minutes and first let me say, it does not impoverish the land. Grain growing, stock raising for sale, and most other produce from the farm take away an amount of richness and fertility of the soil that must be replaced if good results are desired, but this is not the case with butter. It makes no difference how much is taken away there still remains an endless supply and it is simply impossible to exhaust the material which goes to make butter, so that in this respect we have a gain without any loss. It is a means of enriching our soil. All the energy that the plant derives from the sun, all the strength it gets from the atmosphere and all the material it takes from the soil are consumed on the farm, together with some grains or other material that in many cases is bought to increase the butter production. These all in the form of manure are put on the land and so enrich it that better results are obtained, and our farms are put in a better condition.

It is done when farmers have most spare time. During the winter season farmers as a rule, have more spare time and thus without additional expense can spend a few hours in giving better attention to their milch cows and the result will be that their stock will do better and it will bring in some ready cash at a time that it is often badly needed.

It pays well if a good article is made. Without considering the advantages derived from enriching the land and giving the farmers employment that better the condition of his stock, it is useful to know that money is and can be made out of butter making in winter, but there is one point that has been a great hindrance and that is that an inferior article is made by so many farmers. The quality of

butter in Canada there is also a fall in the price and the markets. England it, but they will not buy it, hence the price for it, we and I am glad of this product, a great impetus.

Cheaper production of butter with the silo and best feeds for dairy cows and the result of superior quality.

I will endeavor to show how \$1, seed load (3/4 value) \$7.50, total \$10.00, actual cost of 1 acre, so that a farmer would be free per day. This ration and the cost it would run for and clover hay.

Then in comparison profit out of winter condition, can obtain a sufficient and add to the cost.

Moved by of this meeting on the subject

Question—how much seed

Mr. Smith but found it not unsatisfactory. not since. Since

Mr. Pringle find them best.

Mr. Smith Canada for the

Question—

Mr. Smith