

COMMUNICATIONS FROM C. P. TREADWELL, ESQ., SECOND VICE-PRESIDENT OF THE AGRICULTURAL ASSOCIATION OF UPPER CANADA, TO THE BOARD OF AGRICULTURE.

*To the Right Honourable JAMES, Earl of Elgin and Kincardine, &c., &c., &c.*

The Memorial of the Agricultural Society of the United Counties of Prescott and Russell,

MOST RESPECTFULLY SHEWETH,—

The diffusion of knowledge, both scientific and practical, in the art of Agriculture, is a subject of the first importance to Canada.

That we view, with no ordinary degree of satisfaction, the establishment of an "Agricultural Bureau" to effect this great object. That the establishment of a Model Farm at Toronto is also a matter of the highest consideration to aid this noble country in arriving at the greatest perfection in this most respectable, honourable, and necessary pursuit. At the same time we cannot conceal from ourselves the difficulties that our remote situation from Toronto places us in, as our youth cannot derive that advantage that must result from a practical teaching in connexion with a Model Farm from their inability to sustain themselves in the metropolis of the Province.

Under these circumstances, your memorialists would beg to bring under the favourable notice of His Excellency the propriety of establishing a Model Farm at the Eastern extremity of the Province of Upper Canada, as it was before the Union. And as the Ottawa offers many advantages that it should be located on that noble River under the patronage of the Government, and its operations be directed by a gentleman of highly scientific acquirements, together with a practical knowledge of the various Departments of Agriculture, and capable of analyzing all kinds of soils, and of delivering lectures on the same, and that a Committee of five be appointed by the Agricultural Bureau to carry it into immediate operation.

To make such a Farm of the greatest possible service to the public, your memorialists would beg to make a few suggestions, viz.:

1. That there should be an Agricultural Library.

2. That there should be a Seed Store and Warehouse for the sale of improved Agricultural implements.

3. A Nursery and Garden for the purpose of raising trees and seeds.

The great benefit to be derived from such an establishment, and the testing the qualities of grains, grasses, and roots, the different kinds of soils, and their adaptation to the different kinds of produce, the proper kinds of ploughing for

each and time of sowing, as well in reference to the grains now in use as to those that may be imported hereafter; the cultivation of the beet and hemp and the improvement of the different kinds of horned cattle, sheep, and swine, as well as the numerous kinds of farm-yard fowl.

Confident, therefore, that the general interests of this section of the Province would be materially benefited by the establishment of such a Farm, your memorialists would respectfully submit the consideration of it to your Excellency, and trusting that it may meet your Excellency's approval, your memorialists, as in duty bound, will ever pray.

(Signed) CHAS. P. TREADWELL,

President of the Agricultural Society  
United Counties Prescott  
and Russell.

L'Orignal, 23rd March, 1852.

L'ORIGNAL, 15th April, 1852.

SIR,—As the subject of Model and experimental Farms, to be sustained either wholly or partly by grants from the Provincial Treasury, is occupying the attention of the Government, and of the public in general, I beg to make a few remarks that I hope may not be censured as inapplicable or out of season in reference to these very interesting subjects.

I consider the Model and Experimental Farm to be two entirely different matters, and to be treated on separately. In reference to the former, I will make a few observations, and hope that they will be followed by persons more competent to improve the subject. I would recommend that £50 be granted to each County holding an Assize and having a good County Grammar School, to the farmer cultivating in the best manner not less than fifty acres, exclusive of pasture and woodland, and also £5 for the best cultivated five and not more than ten acres, to give a fair opportunity to the poor man—the Professor of Agriculture to regulate the scale by which the farmer contending for these prizes shall be adjudged and these requirements should be taken as the basis for awarding these premiums—the objects to be taken into account should be the farm house, offices, and all out-buildings for the securing of the crop and for feeding the different kinds of stock with the utmost economy, manner of laying out the farm and field, having a proper proportion of the whole, proper manner of fencing, draining, whether surface or subsoil, laying out field for pasture, with the best means of obtaining water for each enclosure—the judicious location of the wood so as not to injure the standing crop by shading it or otherwise, and to adopt a system that the growth of a certain number of acres