

on the subject. Our district has been well informed as to the operations of the Provincial Agricultural Society; a considerable number of its bills having been sent to me, and distributed among the committee of the Society and the District Councillors. In remarking on the different letters I have received in answer to nearly forty circulars, more answers were received than I expected, and I hope they contain such information as will repay their perusal. The circulars have elicited in our own district a spirit of enquiry and investigation that will do much good. Should you think them worthy of notice, you are at liberty to send them to the *Canadian Agriculturist* for publication, *pro bono publico*. There may be some sentiments expressed, not fully sanctioned by the Society, as well as some reports that appear contradictory; but the experience and views of all of them, are, I consider, sufficiently entitled to calm consideration. Mr. Higginson's letter, on the establishment of a *Model Farm* in every district, I conceive to be a matter of vital importance, and I hope the Provincial Association will lend its influence to effect this great object. Dr. Everett has shown that he is thoroughly acquainted with the theory of the science of farming. He is also acquainted with its practical operations, as he has the best dairy of its extent in the district, and is demonstrating that the growing of beets, turnips and beans, can be carried on with profit to the farmer. John Pettec, Esq., is a farmer of experience. His letter I have read with much satisfaction, and I think it may convey useful information to others. Elijah Brown, Esq., is one of our most extensive farmers. He has a great deal of practical experience, and has been very successful in his operations. Mr. Pierre Leduc is a French Canadian from Lower Canada, who settled here about thirty-five years ago. From the peculiarity of his land, he has, I believe, been the most extensive wheat grower in our district. He is a man of sound judgment and practical experience. He understands the nature of manure, the advantage of using the Scotch plough, and the economy of the labour-saving threshing mill. Mr. Pierre Dault, another French Canadian, is a man who has made himself wealthy by industry and economy, and has clearly shown that the low land between L'Orignal and the Springs is capable of producing first-rate crops. Mr. Josiah Marston's letter on horticulture, I feel proud of on his own account, and on account of the district. I am confident, if his life is spared, that he will become one of the first horticulturists in Canada.

Mr. Samuel Stevens has clearly shown that seven acres of land, well cultivated, will support a family.

Mr. Colin Cameron is a good practical farmer: his remarks are worthy of consideration, and his objection to feeding working oxen on turnips should be investigated. Mr. James Cross is one of our most extensive farmers, and his ideas on the rotation system of crops, I am confident are correct, and should be followed. Mr. John Hunter, and Mr. Peter Hickey, are sound practical farmers, whose opinions are well grounded and may be depended on. Mr. George Hutchinson's statements, although large, yet, from knowing him

many years, I feel confident are correct. His great crops I consider to be owing to a combination of favourable circumstances. His land is highly improved; his ploughs and sows in the very best time, and his success should be an inducement to every other farmer to do the like.

The Report of the Experts on crops this year is short, but I think it shows that the agriculture of our district is improving.

Manufactories in our district are beginning to be appreciated. The Hawkesbury Mills, belonging to the family of the late Hon. George Hamilton, have been long and well known to the public. This establishment manufactures annually half a million of pine deals, employs 300 men, and circulates yearly a large amount of money for labour and farm produce. There are several other smaller establishments for manufacturing deals. The Hon. Peter McGill has an extensive establishment, consisting of a flouring mill for manufacturing for exportation, as well as for country work; also an oat meal mill, and an oil-cloth manufactory, &c. At the thriving village of Vankleek Hill, Messrs. Wills and Cleaveland have an extensive pearl ashery, at which they make 600 barrels of pearl-ash per year. They have also a manufactory for saleratus, in which they make 2750 boxes of that article, of 100lbs. each, of a superior quality. Mr. Wiltzie Manning has a plough manufactory and foundry, where he makes 200 ploughs. He has lately introduced a new model for the cast iron plough, which bids fair to be a great improvement. Mr. William Dixon, of Longueil, makes as good ploughs as any imported from Scotland. There are many other smaller manufactories that might be mentioned, but it would extend this report too much. L'Orignal at this time has as good a grammar school as there is in the province. It is under the management of Mr. William A. Ross, a teacher whose attainments are of a superior order. The school house is in a healthy situation. Vankleek Hill has also an excellent grammar school, under the direction of Mr. Alexander McNaughton.

In conclusion, I would merely observe that last winter I addressed our members for the district, Major Johnson and Mr. Lyons, and requested them to attach to any agricultural bill before the House, a grant of £50, for each district agricultural society in Upper Canada, for the purpose of purchasing agricultural implements of the most approved kinds, such as ploughs, harrows, drill harrows, double mould-board ploughs, rakes, hoes, spades, shovels, &c. &c., as models to be placed in each Court-house, that every juror and party attending court might see, and bring his mechanic to make the like for himself. I also at the same time asked for a further grant of £50, to purchase an agricultural library, to be attached to every district society. But should Mr. Higginson's plan of a *Model Farm* be carried, these last suggestions will be unnecessary.

All which is most respectfully submitted.

CHAS. P. TREADWELL,
President O. D. Agricultural Society,
L'Orignal, Ottawa District, Sept. 14, 1849.
To Henry Ruttan, Esq.,
President Agricultural Association, U. C.