



Published for the Department of Agriculture for the Province of Quebec, by EUSEBE SENEAL & FILS, 20, St. Vincent St. Montreal

Vol. VII. No. 2.

MONTREAL, FEBRUARY 1885.

\$1.00 per annum, in advance.

Table of Contents.

Our Agricultural Schools.....	17
Veterinary Department	21
How the Farm pays; By William Grozier and Peter Henderson, New York;—Peter Henderson and Co : 1884....	22
Our Engravings.....	26
English Gooseberries	26
A Barn for sixty acres	26
The Milking Trials at London	28
The Poultry-Yard.....	29
Sweet ensilage	30
A House costing \$800 to \$1,000.....	30
Leffel's House Plans.....	30
Sources of Fertilizers.....	30
Silos and Ensilage in England.....	32

that the restoration of the land to its primitive fecundity, and the consequent enrichment of the farmer is comparatively easy; 4th. that the annual products of the soil in the province indubitably exceed the enormous sum of seventy million dollars; 5th. that it is possible to double, triple, and even to quadruple this amount, to the great profit both of our own farmers and of the whole nation; 6th. that settling of new lands in our province cannot possibly be successful, as long as our farmers pursue their present system of completely exhausting the soil; since no one can fitly discharge the duties of a settler who only knows how to ruin the land, and, consequently to destroy the patrimony of his children.

If these things are so—and the writer solemnly affirms on his personal responsibility the truth of what he has stated—it is clearly the duty of all who are desirous of benefiting their country to devote themselves without delay to the study of the great national problem: the improvement of our agriculture, and of our system of farm-instruction.

OUR AGRICULTURAL SCHOOLS.

TO THE HONOURABLE J. J. ROSS

COMMISSIONER OF AGRICULTURE, &c., &c.

PREFACE.

Entrusted as the writer has been, since 1869, with the management of several Journals of agriculture, he conceives that he has had, more perhaps than any other person, the opportunity as well as the duty of studying the most pressing wants of our agriculture. He has already pointed out repeatedly that the most urgent of these are as regards our youths, a good system of agricultural instruction, and, as regards the more matured generation, the establishment of farmers' clubs, the circulation and study of good agricultural papers, and lectures on divers subjects connected with the farm given by enlightened practical men.

The writer believes that he has proved to demonstration in the *Illustrated Journal of Agriculture* and elsewhere: 1st. that our farms do not yield more than from one-fourth to one-third of their former produce; 2nd. that, nevertheless, the exhaustion of the soil is at present only superficial; 3rd.

OUR AGRICULTURAL SCHOOLS.

Sir,—In July last, I visited the provincial schools of agriculture at St. Anne Lapocatière, at L'Assomption, and at Richmond. I also inspected the agricultural establishment of the Trappist Fathers at Oka (Deux Montagnes), of the Marianite Fathers at Notre-Dame de Montfort (Wentworth, Argenteuil); and, at Sorel, I inspected, with great satisfaction, the system of cultivation pursued, with great success, under the management of the editor of our English Journal of Agriculture, Mr. Arthur R. Jenner Fust.

ST ANNE AND L'ASSOMPTION FROM 1873 TO 1884.

In 1873, I examined minutely the schools of agriculture at St. Anne's and at L'Assomption. This year, I found that a sensible improvement had taken place in the cultivation of the farm at L'Assomption, though there is much still to be desired. When this school was opened, the land attached to it—a too frequent case in the province—was covered with weeds, and