

THE ILLUSTRATED JOURNAL OF AGRICULTURE

PUBLISHED BY THE DEPARTMENT OF AGRICULTURE FOR THE PROVINCE OF QUEBEC.

Vol. IV.

MONTREAL, AUGUST 1882.

No. 4

Table of Contents.

Legislative Assembly—report of committee and of M. Barré.....	49
First steps in farming—young man's department — Use of lime, potash; cattle feeding	50
De omnibus rebus	52
Reverted phosphates	52
Agriculture—Paris letter on	53
Draught-horse breeding	54
" " —the walk of the	55
Our engravings	55
Poultry Department.—Poultry farming; fat fowls.....	56
Agricultural machinery.—Hay-drying.....	59
Cooling Hayrick by fans	61
Crops,—state of the	61
Sugar factories in Canada.....	61
" " in Germany	61
West Farnham, Canada	61
Calves, Watson, of Keillor, on rearing.....	62
Insect enemies (<i>continued</i>).....	63

LEGISLATIVE ASSEMBLY.

Fourth Report of the permanent Committee of Agriculture, Immigration, and Colonisation.

Quebec, May 10th, 1882.

Your Committee has the honour to report: that its attention having been drawn to the fact that certain regrettable difficulties and misunderstandings have existed as to the relations of the Council of Agriculture, and also between the Director of Agriculture and certain of the officers of the said Council of Agriculture; difficulties and misunderstandings which fetter the proper action of the said Council; your Committee has thought it its duty to call before it the Secretary of the Council, M. Georges Leclère, and Mr E. A. Barnard, Director of Agriculture, and Editor of the Journals of Agriculture; in order to make itself acquainted with the nature of these troubles, and to discover a remedy for them.

After hearing the explanations of these gentlemen, as well as those volunteered by the Honourable Commissioner of Agriculture and his deputy, M. Lesage:

Taking into consideration that, in a country of such extent as ours, presenting such striking contrasts as those which exist between the climate of Gaspé and that of the Eastern Townships, the system of culture must be so varied that one and the same rule cannot be laid down for all parts of the province;

That, in order to assist the Council of Agriculture in its endeavour to render justice to all parties, and to make the measures adopted by it for the encouragement of agriculture more efficacious, the Council should be so arranged as to represent all the agricultural districts of the province; and, moreover, that the sub-division of the province into judicial districts might serve as a base on which to settle the representation of our different agricultural interest;

For the above reasons, your Committee respectfully expresses its opinion, that it is desirable:

1st. That the Council of Agriculture be re-organized in such a fashion that it comprise a resident representative for each of the judicial districts of the province to be named by the government, in addition to, at least, ten members, chosen from among the most distinguished agriculturists of the province;

2nd. That the seat of the Council be fixed at Quebec, and that the office of the said Council be also transferred to Quebec.

3rd. That the Commissioner and Deputy-Commissioner of agriculture be members of the said Council, *ex-officio*.

4th. That no regulation of the said Council of Agriculture be put into execution before it shall have been approved by the Lieutenant-Governor in Council.

Your Committee is also of opinion that the system of *régionales* exhibitions, as tending to bring together the farmers of different counties, will be productive of excellent results; and your Committee recommends their adoption in all cases where distance will not render them impracticable.

The best method of promoting the dairy-industry of the province has also been carefully enquired into by your Committee. At its request, M. S. M. Barré, manager of the dairy school of Ste-Marie de Beauce, has presented some most interesting details on the subject, and at the same time, he has submitted a memorial containing a *résumé* of those suggestions which he thinks most likely to tend to the improvement of this most important industry.

Your Committee, without pronouncing upon the merit of all the suggestions contained therein, believes, nevertheless, that its duty enjoins it to submit the memorial, in association with the present report, to your honourable chamber.

DR L. DUHAMEL,

President *pro temp.*

Ste-Marie, Beauce, 1st May 1882.

To the Honourable Committee of Agriculture of the
Legislative Assembly of Quebec.

GENTLEMEN,

In order to forward the progress, and improve the management of the dairy-industry of this province, I have the honour to submit to you the following suggestions:

1st; Means should be taken to ameliorate the buildings used as creameries and cheese-factories, by making them less subject to be affected by atmospheric changes.

2nd; Information of all kinds likely to conduce to the establishment of creameries and cheese-factories should be spread abroad by means of lectures and publications.

3rd; A travelling professor should be secured, whose duty would be to teach the manufacture of cheese, after the Cheddar system, in our existing factories; and, at the same time, to inspect and report upon them.

4th; The Department of Agriculture and Public Works should cause to be printed schedules, or forms of accounts,