ON THE GENERAL MANAGEMENT OF A reason was, that he had no system; he let FARM IN LOWER CANADA;

the District of Montreal.

good system, and such a system, to be avail-by resources drawn wholly from within itself. farmers of Lower Canada, except in the case able, ought to possess the following quali-The system to which I allude, is known to of field Λ . By this plan they will at all ties. viz :--

1st. It ought to be economical, and not all improvement, I mean that of require more capital than the actual system. or rather than the present absence of system, requires. It is undoubtedly of great advantage to apply capital to the land, but this plan of rotation of crops. this advantage is in general beyond the reach of our farmers, as their means are not suffi- the soil different sorts of food, so that one cient.

2d. It ought to restore fertility to the soil out as regards another. and maintain it by the products of the land and, at a distance from town, are often not to sufficiently without it. be had at all.

application.

clearly in its favor.

The author of this Essay, having for a long time made the practical application of a system which unites all these advantages in a high degree, believes that it is his duty and adopted, it will render the country more the actual condition of Lower Canada, and productive, and consequently more prosper-ous; it will in the space of six years, con-sert worn out, worthless, weedy land into and herein I shall speak of nothing that I suiling, rich and fertile farms, and the small have not done myself and practised with miserable animals of Lower Canada into success. valuable stock, and all that without a greater expenditure of labor and money than is incurred by the system actually in use.

enable me to purchase in the same neighbor-hood a much better farm than the one T Ist. Root crop, such as polatoes, carrols. rented. The owner of the farm which I beets, parsnips, &c., [turnips and also flax.] sary afterwards. bought, was going on every year from bad and in cases where the land is not sufficiently to worse, until he was forced to sell it, open for a crop of this kind, the field must should be placed on the field A in Septemwhilst I, the tenant of a less productive be left in fallow. farm, and paying rent all the while, was enabled to buy him out, as just said. What was the reason of this anomaly? The Canadian was stronger than me, had equally good health, and had no rent to pay. The

his land become exhausted, and full of weeds ; Showing how an exhausted soil may be he let his stock starve; he wasted his manrendered perfectly fertile without the ure, the gold of the farmer, and let every aid of capital. By a Farmer in thing go to ruin for want of method; but when I had got hold of this same farm, and

had applied the system which I am about to THE habitants of Lower Canada are in describe, the whole was brought gradually, general thrifty and industrious : their farms field by field, into good condition by the lay well, although they are, for the most end of six years; since then, the condition appropriated to the crops above mentioned, part, worn out. All that they want is a of the land has steadily improved, and that and after the fashion now in use among the

all good farmers everywhere as the basis of events still get as much from their five

A Rotation of Crops.

There are two sorts of reasons in favor of

1st. Because different plants draw from plant will grow freely in a soil which is worn

2d. Because the crops being various, the itself. Manures got from other quarters occasional failure of one is not so much felt, than the farm itself are always expensive, seeing that the others furnish subsistence

The cultivation of a fair proportion of all 3rd. It ought to be simple and of easy the varieties of crops which Providence permits to grow readily, ought therefore to 4th. Finally, it ought to have experience be considered as the best means of averting a famine, and what intelligent farmer, with the case of Canada and Ireland before him. would wish to be limited to the culture of wheat and potatoes only.

I shall now explain the system of rotation.

Plan of the Rotation.

whatever may be its size, into six parts, as vent the cattle going from one field to the Before explaining his system, however, the equal as possible, with a direct communical other; and I would then take for field A, author will take the liberty of relating his tion from the barn yard to each field, and that which appeared best for green crops or own experience, and for greater clearness, from one field to the other, so that the cat-prote crops 1 would collect all the manure he will speak in the first person. I came to the country thirty years ago, required. This division into six fields, may would take up the flooring of the cow-house,

2d. Crop of Wheat or Barley. 3d. Crop of Hay. 4th. Pasture. 5th. Pasture. 6th. Crop of Oats or Peas.

In beginning the application of this system, that field of the series which is m best condition for a Root crop, should be called Field

The best for Wheat or Barley \mathbf{R} That which is actually in Hay C The Pasture fields D&E That which is best for Oats or Peas F Each field for the first year ought to be

fields as they get at present.

The culture of field A and of crop No. I come up together for the first year, and ought to be the object of special attention. as this is, in fact, the key to the whole system; for the good culture of this field has for object, and ought to have for its effect, not only a good erop the first year, but also to improve the land for the five other years of this Rotation of Crops.

In the following year the cultivation of the different crops will be according to the following order :

| Crop | No. | 2 | in | the | field | Α |
|------|-----|---|----|-----|-------|--------------|
| Do. | | 3 | | | ." | В |
| Do. | " | 4 | | | 4. | С |
| Do. | " | õ | | | . 44 | D |
| Do. | " | 6 | | | " | Е |
| Do. | " | 1 | | | " | \mathbf{F} |

and so on, changing each year until the seventh, when erop No. 1 comes back to field A, and the whole will then be in a good and he feels certain, that if this plan is found best suited to the climate, the soil and the feetly, and free from weeds. The above system has been proved to be capable of restoring old land, and extirpating all weeds.

In order to render the thing more simple and easy of comprehension, I shall suppose myself to be again obliged to take a wornout farm in the autumn of 1849. The first thing that I should do would be to divide the Divide the arable portion of the furm, land into six fields, by proper fences, to pre-

and burdened with a debt of £10; I leased require on most farms new fencing, and it stable and piggery, and I would take out as a worn-out farm in Lower Canada of eighty- will be proper, beforehand, to see how this much of the soil underneath as I could get, four acres, in the midst of a French popul can be done with the least possible expense. for this soil is the essence of manure, one lation, and at an annual rent of £45. Well, [shall now suppose the farm prepared to re- load of it being as good as four or five loads in the space of twenty-one years, I have ceive the application of this system, and that of common duer. The portion thus removed paid my original debt, and saved enough to is the one which I have found the best for ought to be replaced by an equal quantity of ordinary soil, or, if it be possible, of bog earth, which might be removed when neces-

> The dung and other manure thus collected her, or the beginning of October, spread with care [as far as it will go], and covered up in a shallow furrow. Manure aids the decomposition of straw and the weeds of the soil, and frees it from these plants, which thus help to keep the soluble portion of the