## REPORT ON THE STATE OF AGRICUL-TURE IN THE OTTAWA DISTRICT.

## From Dr. Cotton Mathew Everett.

(No. 2.) East Hawkesbury, Sep. 1849.

answering your questions scriatim, to make such requesting my opinion as to what kinds of grain general statements as my limited experience and are cultivated with the greatest success, the best capacity may justify. The successful culture of time of sowing, the quantity of seed required per all vegetables depends on the following pre- acre, the best kinds of manure used, &c. &c. requisites : 1. A soil containing certain proximate of rain. ditions requisite to success. It is however in our and consequently suited to a variety of crops, and these abound most plentifully in barn-yard loamy soil is better suited to the growing of Indian frequently allowed to exude in gasses, for want of be sown as carly in May as possible, and that the material. The soil itself in this district, in its cultivation, is one bushel and a half per acre. organic constitution, is sufficiently diversified to Indian corn should be planted between the 12th justify the culture of all kinds of grain; but the and 20th May; old land requiring eight quarts of general principles of tillage, including the admix- seed per acre, and new land somewhat less. This ture of soils and a rotation of crops, are almost crop requires good husbandry in order to secure wholly unknown. Most of our farms are in an success, and when properly dealt with, generally anomalous transition state, between the wiklemess gives a greater remuneration for labour than any and arable land; a state attended with many dif-other-thirty, forty, and sometimes sixty bushels ficulties, sumountable only by time and untriving being obtained from an acre. It is also a good energy. Our condition might be ameliorated by crop to clear the land of weeds and prepare it for labour-saving machines, a great desideratum here. a crop of wheat. Two men with a team of horses Much diversity of result has attended my own ex-lcan cultivate ten acres, when the land is not fluctuation of the seasons. I have generally found said to extend from the 1st of May to the 1st of early crops of all kinds the most prolific, though August, with the exception of harvesting, which occasionally the reverse has happened. For some is performed towards the close of September. years wheat has been justly considered an uncertain crop. Corn was so for a term of years pre-biany soil is more easily exhausted than a clay viously. Every other crop fails occasionally. One. On this account, great regard should be Wheat has of late years probably averaged ten paid to a rotation of crops, on lands of a light or bushels; oats, twenty; peas, fourteen; and barley sandy soil, and also to a regular system of eighteen bushels per acre. This lamentably low manuring. The method which I have pursued, estimate is intended for this vicinity, and is, I am and which I think might be advantageously persuaded, not far from the truth. Such a result adopted on all the high lands in this district, is as is perhaps equally owing to imperfect tillage and follows. I break up pasture or meadow land and and and the high lands in this district, is as is perhaps equally owing to imperied unage and follows. I break up pasture or meanow hand and to dry or otherwise unfavourable seasons. Little rivalry exists among the people, and labour (our corn, I use gypsum or unleached ashes, say one only capital) is deteriorated by its injudicious and bushel and a half of gypsum or ten bushels of ashes indiscriminate expenditure. Individual exception per acre, and apply it immediately after the first tions exist, but the example is well nigh lost upon weeding. The second year, I give a good dressing

> Your obedient servant. E. M. EVERETT.

To Charles P. Treadwell, Esq., } President, O. D. A. Society.

## From John Pattee, Esq.

(No. 3.)

Longueil, Sep. 1849.

Dear Sir,-Your letter of the 20th of August, was duly received, in which you expressed your intention of representing this district by letter a Dear Sir,-I trust you will allow me, instead of the Grand Agricultural Show at Kingston, and

The success of growing different grains, o principles. 2. Water and ammonia in the form course varies more or less with the seasons; but 3. Oxygen and carbonic acid in air. as a general rule for this vicinity, I consider wheat 4. Certain electrical influence. In the present and corn the two kinds grown with the greatest state of science, we can only secure the first con-success. This district possesses a variety of soils, power to place within the soil the provimate prin- clay or marl being more especially adapted to the ciples required by all plants for their nutriment, growing of wheat and oats, while a sandy or manure, at a certain stage of decomposition; its corn, rye, turnips, &c. My own farm being of a chemical combination being then most adapted to sandy soil, I have not, to any extent, attempted appropriation by the delicate tissues of vegetables, the growing of wheat; but from observation and The most valuable portions of this manure are too my own experience. I am of opinion that it should be appropriate the same term of the same term of the same term of the same term. a slight admixture of gypsum, or some absorbent proper quantity of seed, on land in a good state of

I am ill qualified to propose remedial of barn-yard manure, and plant corn or potatoes. the mass. I am in quantee to propose tension of barn-yard manure, and plant corn of polaroes. mcazures, nor do I suppose they would lie within the scope of your requisition. I must decline the scope of your requisition. I must decline this subject, for want of time, and subscribe myself, I am Sir. ot barn-yard manure, and plant corn of polaroes. The third year, I sow wheat or oats, and seed down; or which is preferable on dry land, I sow fall rye after wheat, and then seed down with timothy. The first year after seeding down, I sow about one bushel and a half of plaster per acre. The third year, I sow wheat or oats, and seed the scope of your requisition. I must decline the scope of your requisition. I must decline the third year, I sow wheat or oats, and seed the scope of your requisition. I must decline the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, I sow wheat or oats, and seed the third year, and the seed down with the third year after seeding down its the third year after seeding down at the seed the I mow two years and then break up again, or pasture two years, which is better, when provided with fences. The present season has been very unfavourable for the hay crop, as well as for all others, in consequence of the drought. Where 1