

We extract the following very able remarks, from an address delivered by Dr. Daniel Lee, the present editor of the *Genesee Farmer*, and one of the most prominent members of the New York State Legislature. The sentiments contained in those extracts are truly worthy of being well understood by every Canadian farmer. It is folly to suppose that the stand-still system of agriculture will enable the farmers of this country to compete with the rest of the agricultural world in the production of such articles as the country is adapted to produce to perfection. If others by superior management, and by the employment of improved farming implements, do afford to under-sell us in our markets, we of course must copy from their mode of management, and also employ labour-saving machines, in the performance of the cultivation of the soil. There can be no reason urged, why the Canadian farmers should be less active and enterprising than their American neighbors. In that country they pull their flax, and reap their wheat, and carry out various other operations by horse-power; and the same expeditious methods will have to be practiced here, where the land is adapted for the work, or else it will shortly be said without cause, that it is useless to try to compete with our enterprising neighbours in producing the staple articles of the country; all we want to make this a most prosperous agricultural country is a large increase of skill; this we hope to have as soon as the farmers of Canada will unite in their strength, in elevating the noblest of all pursuits,—that of agriculture,—by evincing an anxiety to obtain knowledge and a willingness to impart it to others; and a desire to make experiments that are not of a doubtful nature, which may be within their reach.

When men of long experience and deep research in agriculture make known any discoveries that are calculated to be useful, a universal willingness should prevail among farmers, in testing and reporting the results of those discoveries as carried out upon their several farms. Nothing short of such united efforts will place the farmers in our high latitude, in a position to defy any competition that may be brought into their market or the markets of the mother country.

If agriculture be a science, which none at this enlightened age will dare to question, then it must be governed by certain fixed laws, which may be understood and practiced by every man who cultivates the soil, if he will be at the trouble of informing his mind upon the subject. If it is of any advantage to one man, that he be in possession of that superior order of intelligence that he may, by examining his soil, form a pretty correct idea of its adaptation to the particular crop he wishes to cultivate, certainly it would be of infinitely more importance that the entire mass of cultivators were in possession of this description of knowledge.

From the learned Doctor's address, it will be seen that wheat requires a comparatively small proportion of vegetable soil; and where deep soils abound, that it is necessary to plough deep to ensure a perfect crop of wheat. This is no idle theory, and only requires to be practiced upon a small scale, to secure the approbation of every tiller of the soil. For fear that it may be considered presumptuous in endeavouring to impress upon the readers of this journal what have been so ably advanced by the learned speaker, we shall make no further comments, but merely advise those that may have a desire to obtain a more thorough knowledge of these matters, to make a few experi-