

toba soil are, and which fully explains the fact that the land in Manitoba is so very fertile, even without manure.

"The chief nutrients are, first, nitrogen, then potash and phosphoric acid, which predominates there; but what is of particular importance is the lime contained in the soil, whereby the nitrogen is set free, and ready to be absorbed in vegetable organisms. The latter property is defective in many soils, and when it is found defective, recourse must be had to artificial means by putting lime or marl (a clay which contains much lime) upon the same.

"According to the analysis of the Manitoba soil, there is no doubt that the farmer who desires to select for his future home, a country which has the most productive soil and promises the richest harvests, no country in the world offers greater attractions than the Province of Manitoba, in the Dominion of Canada."

#### ANALYSIS OF THE HOLSTEIN SOIL AND MANITOBA SOIL COMPARED.

	Holstein Soil.	Excess of properties of Manitoba Soil.
Potash.....	30	198.7
Sodium.....	20	13.8
Phosphoric Acid.....	40	29.4
Lime.....	140	552.6
Magnesia.....	10	6.1
Nitrogen.....	40	446.1

(Signed), **EMIL KLOTZ.**

To J. E. KLOTZ, Esq.,  
Agent for Dominion of Canada,  
Kiel.