

fails to pay, because it can only use its high grade product, which is not plentiful enough to bear the whole burden of earning a profit. The perfection of this invention, which is certain to come ere long, will greatly aid and stimulate the Canadian phosphate industry.

The world must have phosphate; Canada possesses the highest quality known, scattered over a wide area; human ingenuity will surely devise means to make these deposits available for the world's needs. Even though at present there may in some cases be disappointment in the results of phosphate enterprises, as there will be in all mining ventures, we may feel assured that a great and prosperous future awaits the Canadian industry, and that it is destined to fulfil an important part in the economic development of the country; as the farming community becomes more educated they will awaken to the means of wealth that they now heedlessly allow to pass their very doors, going to enrich lands across the sea, while their own impoverished fields are crying out for the sustenance that phosphate would impart. An important duty rests upon the Agricultural Departments of Government and Agricultural Societies to spread this information. The older portions of Canada, which formerly raised vast quantities of grain, have been allowed literally "to go to grass," but the knowledge of the use of mineral manures rightly applied will redeem the land from barrenness. To secure this result by mining Apatite, preparing the phosphate of lime for use, educating the farmer to a sense of its value, and stimulating him to the enterprise of applying the knowledge practically for the benefit of his lands is a mission that will not only prove profitable as a business undertaking but is one that would fully satisfy the moral and benevolent feelings of the philanthropist, for as Dean Swift has said: "That whoever could make two ears of corn, or two blades of grass, to grow upon a spot of ground where only one grew before, would deserve better of mankind and do more essential service to his country, than the whole race of politicians put together."