

The Farm.

Adaptability.

This scene reminds us of the immense areas of wheat we saw when we last took a trip to the North-west. Near Portage-la-Prairie the harvesters were following each other as shown in this illustration, cutting a very fine lot of wheat; the straw was so stiff, clean and bright that it appeared as fine in color as if it had been artificially brightened. We never saw such fine straw either in England or Ontario, and the quality of the grain was excellent for flouring purposes.

The accompanying illustration was gotten up to show how extensively farm operations are

germinate till the following spring. There are several other companies conducting farms on a large scale, and if they prove a financial success there is capital at command to conduct hundreds of such farms.

Near Brandon we saw a crop of oats that surpassed anything we had previously seen for length, strength and clearness of straw. A great difficulty with us in the eastern part of Canada is our wheat and oat crops are so liable to injury from lodging.

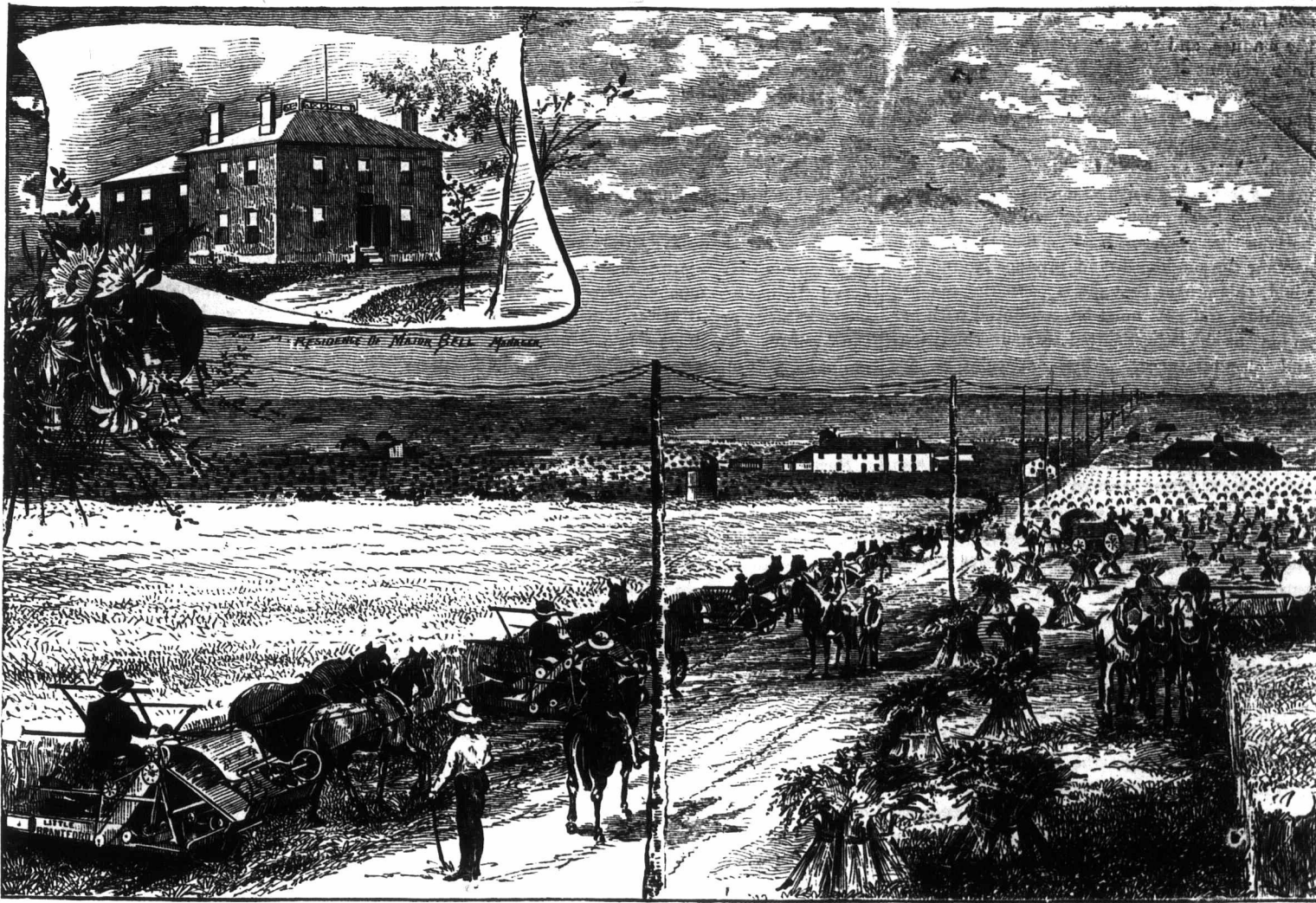
In this extensive country emigrants are granted a homestead by complying with the Homestead Act, which is to reside on the land six months in each year for three years—extra land may be bought at a mere nominal price. If these views are correct, should we in the

Permanent Pasture.

No. I.

This subject may be studied first in its relation to the soil, and second with reference to farm stock. The vital question is, Is your soil best adapted to those grasses which are the most wholesome and nutritious for your stock? It must also be studied in connection with the alternate system of husbandry, and with soiling, but specially with reference to your beef and dairy industries.

The permanent pasture in its relation to the soil presents two aspects, viz.: (1) The nature and treatment of the soil before the establishment of the pasture, and (2) How it improves the soil. The second statement must be summarily dismissed; for although it may be in-



WHEAT HARVESTING IN THE NORTH-WEST.

carried on in the North-west. This scene represents the Bell Farm, at Indian Head, N. W. T., with twenty-five harvesters at work. The harvesters were manufactured by the Harris Manufacturing Co., of Brantford, preference having been given them over all other Canadian or American binders.

This farm is controlled by a stock company, Major Bell being the manager. It is located about 300 miles west of Winnipeg, in the Q'Appelle Valley, and consists of 60,000 acres. In 1884, 7,000 acres were under crop, and 11,000 will be cropped this year. The Company are trying an experiment by late seeding. On the 5th of December they seeded ten acres. The object in sowing late is that the seed will not

east not turn attention more to our stock, dairy, poultry and fruit productions, and less to our wheat as a main resource? Those that adapt themselves to circumstances will perhaps make the most money. The reminder of the army of reapers, the cost of production, the size of the map of the North-west Territory when compared with little Ontario, may perhaps dwell in your minds and cause you to avoid a wreck.

SIR,—Would rather part with any other paper I take than the ADVOCATE. I have made more money by taking heed to advice and instruction given in the ADVOCATE than would pay the subscription as long as I live. Success to the FARMER'S ADVOCATE.

HENRY E. NIXON, St. George, Ont.

teresting to know the relation of the pasture to soil improvement, yet this is not the prime object of the permanent pasture, and even if it were, the subject would then be a department of manuring. Permanent pastures are most profitably laid down on fertile soils. But let it be constantly borne in mind that soil is manure, and the one cannot be studied without reference to the other.

In getting at the first principles of the subject, we can offer no better starting point than the Belgian proverb, viz.: "No grass, no cattle; no cattle, no manure; no manure, no crop." The Belgians have the idea that everything springs from grass, so you see they are one step nearer the truth than we are. Their