

with one voice by explorers. Investigation has widened the area of good land so remarkably that the public imagination is much occupied with calculations respecting the countless millions that the countless rich acres will support."

Our latest school geography teaches that "It is remarkable, that about the centre of the Dominion of Canada, along the Saskatchewan valley to the Rocky mountains, the climate is almost the same as in Ontario, although ten degrees higher in latitude, or nearly 700 miles further north.

These statements seem to argue a preference for grass to forests for ameliorating the climate and the making of good land.

Holland is a low, flat country, entirely destitute of hills, rocks, or forests, and uses its canals for roads, yet, it is termed a dairy farm, and its horticulture has attained to great perfection and sustains a population of 311 to each square mile, while from no country do we hear less about poverty and want.

Scotland with all its hills and dales and rocks and forests, only sustains a population of 122 to each square mile. And it would seem that from the accounts lately, too many are little better off now than was Mr. Ross when Hugh Miller paid his son a visit and Mrs. Ross busied herself to get up as nice a dinner as she could for the occasion. And what was it? Potatoes and salt, backed by a pitcher of water.

Mr. Phipps says: "The forests are virtually no more; all is swept by the bleakness of the winter storm; all is dried and scorched by the summer wind and the summer sun." On the other hand we are told that one Nesser found that a tilled soil lost only one-third of the water that untilled did, and that a tilled soil was drier at the top than an untilled soil.

Prof. Stockbridge, of Amherst, in his trials, found that a box of clay stirred every day to the depth of four inches, lost in seven days at the rate of 904 barrels, and untilled soil at the rate of 1,070 barrels.

Dr. Sturtevant in his trial with boxes, found that untilled soil lost 1,243, and tilled soil only 1,060. I have seen it lately stated in the papers that the rain belt is following the plough in Colorado towards the Rocky Mountains. But to come nearer home, Mr. W. L. Brown, Hyde Park, says: "I know land in London Township which was considered sterile and worn-out, which, by drainage and thorough culture, brought forth good crops." And anyone who has done justice to a summer fallow, will have noticed that somehow or other it does not dry out like untilled soil. Now this tilling of the soil implies letting the wind and sun into the land.

Mr. John Campbell, of Woodville, says, after following a mixed system of farming: "The result is that my farm is now worth, I believe, a fourth more than eight years ago; that is to say, the same amount of labour will produce a fourth more crop, and