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Land Drainage.

It is now a universally admitted truth by who understand the subject, that in the mperate zone of Europe and America the nder drainage of land is the foundation of l agricultural improvement. Hence laws we been passed for enabling the owners and ecupiers of land to facilitate this essential beration; and the British Government have aned large sums of money, to be repaid by an anual rent charge extending through a long ries of years, for the purpose of extending improved system of land-drainage. Some d of this nature would no doubt be of imense benefit to Canada, provided sufficient decks could be brought to bear to prevent buses. At best the draining of a young and stensive country like this must necessarily a slow and progressive work, since the apital required for such operations, on an stensive scale, is very great, and at preat wholly beyond the reach of the propriers of the soil. Notwithstanding all that as been done in the old country in this way furing the present contury, it is astonishing ind this essential means of agricultural melioration, can only be said to have made commencement. Imperfect, superficial drain-te is, as yet, comparatively limited. From elaborate paper recently read before the ntral Farmers' Club in London, by that pinent draining engineer, Mr. Bailey Denton, condense the following information:

It appears that the total extent of wet lands drained or capable of improvement by draining in Great Britain alone is estimated at 22,890,000 acres, out of the total area of 56.352.000. The extent of land already permanently drained will not reach 11 millions up to the present time, so that there remains undrained more than 21 millions of acres. The remaining 331 millions of acres consist, for the most part, of free soils, naturally dry, which absorb and infiltrate to various depths. beyond the reach of evaporation, from onetenth to half of the rain that falls on the surface, the rest of the rainfall being taken up by vegetation or evaporation, or passing off the surface without entering it in times of heavy and sudden rainfalls. The other portion of the 334 millions consists of mountainous lands of rock formations, the surfaces of which having rapid slopes, throw off the rainfall in very large proportions, namely, from one third to four fifths of the rainfall. Within the bounds. of these steep lands there are bogs and moors, which catch a large quantity of the water thrown from the mountain slopes, and give off by evaporation much more moisture than the rain which falls directly upon them. The extent of the surcharged free soils drained or requiring draining is about 12 millions out of 23 millions of wet lands, leaving of clays about 11 millions. These figures are set forth to draw attention to the magnitude of the field to which under-drainage is gradually extending itself, and for which provision must