

FARMING

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TUBERCULOSIS IN CATTLE.

NOT BY ANY MEANS SO DANGEROUS TO HERDS, OR SO INIMICAL TO HUMAN HEALTH,
AS IS SOMETIMES MADE OUT.

By D. McCRAE, Guelph.

D. McCRAE, of Janefield, Guelph, Ont., is one of the best-known and best-reputed authorities in Canada on all matters relating to live stock. His fondness and aptitude for stock is undoubtedly inherited; he is descended from a race of stockbreeders. His great-grandfather was in his day a famous breeder of Black-faced Highland sheep and Galloway cattle, in Galloway, Scotland. His grandfather was a well-known breeder and dealer in the same, who used to purchase Highland cattle and Galloways in the north and west of Scotland and drive them by the old drove roads along mountain sides and on the open uphill country till he brought them to the English markets in Norfolk and Suffolk. His father, Thomas McCrae, who came to Canada when Mr. McCrae was but a child, was a well-known breeder of Clydesdales and Cotswolds, and the founder of the famous Janefield herd of Galloways. On his mother's side Mr. McCrae is equally well descended from a race of stockbreeders, his mother's father and uncle having been among the most famous Ayrshire breeders and prize-winners in their day.

Mr. McCrae's life as a boy was a thoroughly practical one, typical of a Canadian farm of the best sort in the early days; chopping, logging, clearing land, and attending to his father's

stock, etc., occupied his whole time when not at school. His education, however, was not neglected, and he attended for some time the Grammar School at Guelph. In 1862 he attended the class then just organized by the Board of Agriculture and Arts in Toronto for the study of agricultural subjects.

Professor Andrew Smith, now principal of the Ontario Veterinary College, had just come from Edinburgh to take charge of part of the work; and with him was associated Dr. McEachren, now principal of the Montreal Veterinary College. Mr. McCrae attended the classes of these gentlemen; also those of Professor Buckland on agriculture in the University of Toronto, and also the lectures in chemistry and botany given in that institution. The interest taken in these classes (the first for the formal study of agriculture instituted in Canada) was considerable; and their outcome, without doubt, was, first, the establishment of the Ontario Veterinary College, and, secondly, later on, of the Ontario

Agricultural College. Mr. McCrae ascribes unhesitatingly his knowledge of agricultural subjects to the mental training he received while attending these classes, and he is now, and ever has been, a staunch advocate of a practical scientific education for farmers' sons wherever possible.

His education being completed McCrae returned to his



D. McCrae, Guelph.