

Indian Corn and Ensilage.

The bulletins which are being issued from time to time by the Department of Agriculture at Ottawa convey an amount of information, both scientific and practical, which cannot fail, if properly appreciated and used, to be of great service to Canadian farmers, and by consequence to Canada itself. Bulletin No. 12, the last to hand, is a pamphlet of exceptional value. It consists of two parts, both dealing with maize, or Indian corn. Part I, by Professor Saunders himself, treats of maize as a fodder plant. Part II, by Mr. Shutt, the chemist of the Experimental Farm, is a report on the chemical composition of certain varieties of maize, its main purpose being to show at what period the crop may be most profitably cut. One simple but most important fact which Professor Saunders insists upon should be well pondered by Canadian farmers, east or west. It is the demonstrable yet widely forgotten fact, that "with every load of grain they sell they dispose of a part of the valuable constituents of their land in the important ingredients which this grain has taken from the soil and stored in its substance, and this process of drawing continually on the fertility of the land without making adequate returns is just as certain to result in impoverishment as would frequent drafts without deposits on a limited balance in the bank." The mode of prevention is equally simple. It consists, in a word, in abandoning the practice, still too prevalent in some sections, of depending for returns on the sale of cereals alone, or on the disposal of hay grown on the farm, and acting upon the knowledge which both science and experience concur in bestowing. This knowledge is that the course just described will sooner or later reduce the best farm to such a condition as to make cropping unprofitable, while, on the other hand, "when the growing of grain and hay is associated with the raising of stock and pasturing, and where a large portion of what is grown on the land is fed to cattle on the farm, the manurial constituents obtained will, if well cared for and returned to the soil, materially aid in maintaining its fertility for a very long period." The pamphlet contains, as the result of a series of experiments at the farm, much valuable information in regard to the different varieties of corn and the best modes of cultivation. Professor Saunders says that opinions differ as to the relative values of ensilage and hay, some careful observers claiming that two tons of well prepared ensilage are equal to one ton of hay, while others hold that three tons are required to furnish the same quantity of nutriment. The details are furnished of the cost of growing two acres of corn and putting it in the silo at the Central Experimental. The result fixes the total cost at from \$1 25 to \$1 46 per ton, according to the mode of computation. It is obviously true, therefore, that, as the professor observes, no other food so nutritious for the winter feeding of stock can be produced so cheaply. These statements will serve to illustrate the practical and useful nature of the these bulletins. We hope they are very widely read and studied by the farmers of Canada.—*The Week.*

A large steamer has been sunk off Dover, Eng. Name unknown. The catch of fish in lake Winnipeg this season is the largest on record. Terrible hailstorms devastated the crops in several of the Northern States on Thursday. Nineteen persons were killed and 38 severely wounded in a railway collision at Ravenna, O., the other day. The Conlons, father and son, who pleaded guilty of stealing a ring from the Hamilton postoffice, were allowed to go on suspended sentence recently. Arrangements have been completed in the Indian department for the erection of a large industrial farm at Brandon, Man., to cost \$22,000, to be managed by the Methodist Church. Belgian railway officials, after three years of investigation, report that under ordinary circumstances the average railway train in passing over one mile of track wears from it two and one-fifth pounds. This natural destruction of track amounts for the whole world to about 1,330,000 pounds daily. A peculiar disease has broken out among the Hungarians in the coke regions, greatly resembling the terrible "black leg" malady which some years ago infested Europe. There are twenty patients now in the Westmoreland hospital and 200 cases in the region. Their limbs present a loathsome appearance. The disease is spreading. The Crow Creek Sioux of South Dakota are objecting to the quality of the beef furnished them by the Government. White Ghost, their head chief, refused, a few days ago, to accept his portion of the beef issued. He says the cattle are not fat enough when killed, and weigh much less when issued to his people than when delivered to the Government. He wants the Government to distinctly understand that his people will not be fooled in any such fashion.

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10. The Royal Canadian policy is subject to the statutory conditions only. It has none of the numerous variations against the policy-holder printed in red ink on the back of the London Mutual policy.
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\$3,400.	100 acres, 85 cleared, 15 bush, brick house and bank barn, market town with railway 5 miles, village near.
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