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ONE DOLLAR A YEAR.

BARLEY cutting was started at Emerson, Man., on August 4th.

The Canadian Pacific railway are calling for tenders for clearing and grading for the construction of the Vancouver and Lulu Island railway.

The Agricultural outlook in France is far from favorable. There has not been enough rain to soak the ground, and all vegetation has suffered from drouth. July weather improved conditions.

MR. J. L. BUCHNALL, a prominent business merchant of Winnipeg, will be in Toronto during the exhibition which opens on the 5th of September. He intends taking samples of Manitoba butter for competition.

AFTER the Winnipeg Exhibition was over the Canadian Pacific Railway Company set two or three men to work among the exhibits selecting grains, roots, grasses, etc., to make up an exhibit to send to England in time for the August and September fairs.

THE steamer Coquitlam which was seized by the United States vessel Corwin for violation of the Revenue Laws and being illegally in the Behring Sea, has been appraised by the American authorities. Bonds to the amount of \$120,000 will be required to secure the Coquitlam's release.

THE third Maritime Convention of the Young People's Societies of Christian Endeavor was held in St. John, N. B., on Thursday, Friday, and Saturday, July 28th to 30th, and was a most successful gathering. There are now between 275 and 300 societies in the Maritime Provinces, and as each society was entitled to send two delegates, the attendance was large.

AT THE World's Fair there will be shown a complete, or nearly complete, collection of the flora of the State of Montana. The collection will consist of specimens of about 1,000 different varieties of plant life, principally wild flowers. There will also be a display of grasses and forage plants. Many of the States are preparing similar exhibits.

AUGUST 16th and 23rd and September 6th have been fixed as the dates on which the annual harvest excursions from Ontario will leave Toronto. The fare for the round trip to Winnipeg or to any point on the branch lines from there will be at \$28. To Calgary the rate is \$35 and to Edmonton \$40. The first party will likely be a very large one.

PRINCE Edward Island is fertile throughout, except for a few bogs and swamps, composed

of soft, spongy turf. The soil is composed of a rich layer of vegetable matter on a stiff clay and sandstone, and is well watered. The principal crops are wheat, oats, barley, potatoes, and turnips, of which oats and potatoes are largely exported. Wheat yields 18 to 30 bushels, oats 25 to 70 bushels per acre, and barley makes a good crop.

THE premier of British Columbia, Hon. Mr. Davie, gave a complimentary dinner to the railway officials on the evening of August 3rd, as a celebration of the successful completion of the arrangements for building the Canadian Western railway. The line of the new road will run from Victoria northward to Seymour Narrows, following on the mainland the old route of the Canadian Pacific to the eastern boundary of the province. The line has already been subsidized 20,000 acres per mile and assured by the provincial government and Victoria, further financial aid. The Dominion has also been asked for the usual money bonus.

THE C. P. R. land department sold during the month of July some 41,000 acres of land, 29,422 acres more than were disposed of during the corresponding period of last year. The total sales of the department since the first of January amounted to over \$1,000,000, the largest amount ever received by the department for a similar period of time. The sales of this month have been nearly altogether to bona fide settlers and not as has been the case to some extent in years past, to speculators. As there are a number of delegates in the country from the states of Maine and Nebraska looking for land it is expected that this month will also be a busy one.

A prosperous German residing in America writes of a recent visit to his native country, thus: "One day I saw a review of cavalry in Berlin. There were thousands of men cantering gayly along for the entertainment of the young emperor—the War Lord, as he calls himself. The next day I went into the country, and not very far from the capital I saw a sight that was pitiful indeed. One woman was holding a plow, and this was being dragged through the earth by two other women and a dog harnessed together. Here, then, were two pictures—the idle horses and the idle men capering about Berlin, the women and dogs doing the work of men and horses in the country!"

AN experimental farm established by the Government of Victoria, Australia, for the purpose of ascertaining the suitability of the soil and climate for numerous kinds of crops, and

for the instruction of students in agriculture, now extends to nearly 5,000 acres. It is situated at Dookie, in the north eastern district of the colony, and has been in practical operation for the last seventeen or eighteen years. A small portion of the land is under vines, another portion is devoted to Zante currants, and various medicinal plants are also cultivated. The Dookie experimental farm, however, represents but a small part of what is being done for agriculture by the Government of Victoria. The Agricultural Colleges Act provides for the permanent reservation from sale of 150,000 acres of Crown lands by way of endowment of State agricultural colleges and experimental farms.

AT the monthly meeting of the directors of the Canadian Pacific railway held at Montreal on Aug. 9, Mr. Davin, M.P., introduced a deputation consisting of J. W. Smith, of the Regina board of trade, and Ald. Marsh, of Regina, who complained that the extension of the Soo line to Pasqua, Assa., instead of to Regina was a violation of a promise given by Lord Mount Stephen in 1887, that all lines from the southwest should center at Regina. The directors decided they would not yield to the request of the delegates to divert the line to Regina because the Pasqua route will save twenty miles, but gave a written promise that two other new lines coming from the east should end at Regina.

"WITH the view of rendering the present system of railway block signalling perfect," says the *Colliery Guardian* of London, Eng., Mr. S. Lichtenfeld has invented a system of electrical communication between drivers of engines and signalmen, the successful working of which in model was recently shown at 93, Great Portland-street, London. Each block section is provided with insulated bars, which are placed at intervals along the line between the rails, and attached to each engine is a contact piece, which comes in contact with the rail when the engine passes over it. There are also treadles placed at certain points, which, as also the lengths of rail, are connected up by wires with switch boards in the cabins at both ends of each block section. By means of indicators the signalmen can see at a glance where every train on the section is, and can follow the precise course of each. Should it be necessary to stop any train, this can be done by the signalman, causing a bell on the engine to be sounded when the engine is in contact with the insulated bar. When the engine is standing the driver and the signalman can talk with each other or exchange signals."