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1881 from the best flocks in England. Lot of yearling rams and ram lambs for flock We ourselves have retired from the show ring so also offering 80 yearling Oxford ewes and ewe yearlings and ram lambs. All registered.

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or Sale—Yearling rams and yearling ewes, a ewe imported 3-shear ewes, an extra good lot of ewes of rams of both breeds from Eagan

JOHN MILLER, Claremont, Ont.
R., 7 miles. Greenburn, C.N.R., 4 miles.

Shorthorns and Leicesters Sheep
ifers and bulls from good milking families. In offered in shearlings and ram lambs and ewe and rams.
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nd age, bred from winners and champions for in calf and young bulls, high in quality and ing blood.

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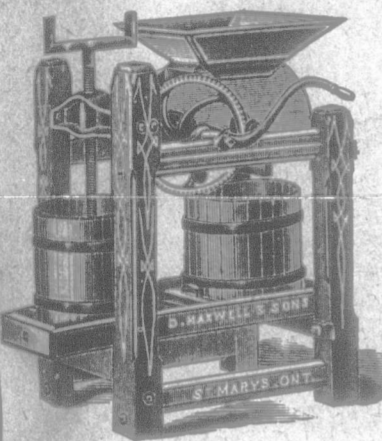
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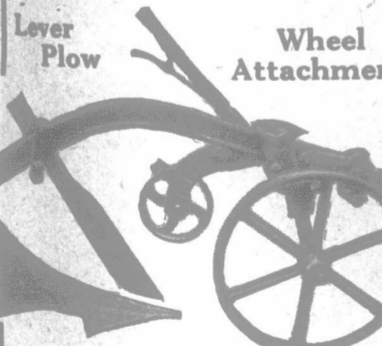
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Agricultural Notes from Australia.

Editor "The Farmer's Advocate":
The highest price yet paid in the world for a merino ram was recently given for Lord Charles, owned by the Bundemar Estate, N. S. W. The new owners at Lucindale, S. A., paid 2,000 guineas for him. Already the progeny of his sire has brought an aggregate of £10,000, though this is only his second year at the stud.

It has been ascertained by a Picton orchardist that pear and apple trees, the bark of whose trunks are cut with a knife in a circle around the trunk, are much freer from disease than those not so treated. His method is to cut into the sap wood with a sharp knife. Equally important is the result that the yield of the trees is greatly increased. In his case untreated trees only produce half a bushel of fruit, but those which had been cut produced two bushels. The actual result of the cutting is to check the flow of sap. Others are trying the experiment.

Another poultry record is claimed by the Queensland Agricultural College in their competition. There were forty pens of layers, who aggregated in the year 54,202 eggs, an average of 226 per bird.

A Victorian scientist has ascertained that there is really more nitrogen in water from dams and wells than from rain water. It used to be generally understood that the opposite was the case. He also found that the amount of nitrogen in the rain water varied in different districts.

Meat is at famine prices. There is no previous record to approach the rates. Fat cattle are realizing as high as £25; sheep up to £5 per head. Wool is also at record rates, as high as 25½ pence per lb. having been paid at Adelaide for scoured parcels.

A cow which lived to the remarkable age of 28 years recently died in Victoria. During her life she produced 23 calves, 22 in successive years.

Good hides are selling at remarkable prices. One brought up to £5 2 shillings and 6 pence. It weighed 81 lbs.

The Government of New South Wales is establishing a merino stud farm in one of the wool belts. The chief idea is to breed good rams for sale to the small farmers who cannot afford to pay high rates for studs.

Enormous numbers of stock have perished in this record drought. Experts calculate that the Commonwealth has lost fifty million sheep, or half what it held before the drought began.

In most districts good rains have fallen, but the moisture came too late for the winter feed, and the mortality will continue till the spring grass comes in, September.

In the wheat districts the situation is relieved by rains, and there is promise of a record crop of wheat.

The cattlemen have also lost heavily, at a time, too, when there is such a demand for beef. Cattle King Kidman puts down his losses at 30,000 head.

The dairy districts of Victoria have been hard hit. Fully half their cattle are dead. As a result butter is selling at record rates. Some importations are coming from America. The margarine factories are having a great run.

Tests made at the Leongatha State Farm, Victoria, show that immature potato seed produce crops running to one-third more than areas raised from mature seed. The immature tubers were dug before the plant died off, and the matured after the plant was quite dry.

Both lots were subjected to the same conditions and treatment afterwards.

On the assumption that like begets like a Victorian breeder who raised sheep for mutton began the plan of setting apart for special attention the ewes which yielded twins. In all flocks it is found that there is a percentage of ewes which are unusually prolific and he played on that principle. His experience has been that the ewes with sufficient food were able to support in the young stages two lambs as well as one. The result of the scheme has been remarkable. Before he embarked upon it his lambing percentage was 89. The next year, after culling, it rose to 104, and in the third year to 144. He is so satisfied with his project that he has mapped out a course to apply the principle to rams—that is, selecting the

WANTED FIRST-CLASS REGISTERED CATTLE, SHEEP and HOGS

for consignment to the Western Ontario Sale Co.'s Sale in London, Nov. 10th and 11th, 1915. Entries close Sept. 21st. Particulars from—

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Hogs turn feed into pork faster when their digestive organs are strengthened and kept in active, healthy condition with

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25c. packages, and larger money-saving sizes up to 25 lb. pail, \$3.50.
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Your opportunity to secure stock bred from our CHAMPION hog which is winner of twelve firsts and five CHAMPIONSHIPS in the last four years and has never been beaten. Are offering choice rams of the best breeding. Stock guaranteed as represented. Wm. Manning & Sons, Woodville, Ont.



Synopsis of Canadian North-West Land Regulations

THE sole head of a family, or any male over 18 years old, may homestead a quarter-section of available Dominion land in Manitoba, Saskatchewan or Alberta. Applicant must appear in person at the Dominion Lands Agency or Sub-Agency for the District. Entry by proxy may be made at any Dominion Lands Agency (but not Sub-Agency), on certain conditions.

Duties—Six months residence upon and cultivation of the land in each of three years. A homesteader may live within nine miles of his homestead on a farm of at least 80 acres, on certain conditions. A habitable house is required, except where residence is performed in the vicinity.

In certain districts a homesteader in good standing may pre-empt a quarter-section alongside his homestead. Price \$3.00 per acre.

Duties—Six months residence in each of three years after earning homestead patent; also 50 acres extra cultivation. Pre-emption patent may be obtained as soon as homestead patent, on certain conditions.

A settler who has exhausted his homestead right may take a purchased homestead in certain districts. Price \$3.00 per acre. Duties—Must reside six months in each of three years, cultivate 50 acres and erect a house worth \$300.

The area of cultivation is subject to reduction in case of rough, scrubby or stony land. Live stock may be substituted for cultivation under certain conditions.

W. W. CORY, C.M.G.,
Deputy of the Minister of the Interior.

N.B.—Unauthorized publication of this advertisement will not be paid for.—64388.



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sires which are themselves descended from prolific mothers. Breeders all know the value of the principle of selecting in the dairy herds and there is no reason to fear the results when applied to other live stock. This breeder expects that before he is done he will develop a flock which will give him a lambing percentage of at least 200 per 100 ewes. That he thinks would be a safe point at which to halt. The idea is well worth copying by enterprising men.

The experiment of raising wheat on a large scale, as is being attempted by the New South Wales State Government, is arousing a feeling that this sort of national enterprise has come to stay. Begun as a war expedient, it is now rapidly being accepted as a matter of great public importance. The country where the experiment is being tried is virgin land and outside the recognized wheat belt, so that if the trial is successful it means the opening up of a huge slice of country for the same purpose. A large army of men are ripping out the stumps and trees, and then the traction plows follow. The result is that whereas the cost of doing this work used to be ten shillings per acre, it is now only half that. The plant generally used consists of a caterpillar traction engine to which are attached three 7-disc wheel plows. The plant is worked night and day, turning over 350 acres per week to a depth of seven inches. The public are saying if the 10,000-acre plot will pay, why not the 100,000 acres.
Sydney, Australia. J. S. DUNNET.

Trade Topic. RAILWAY RATES TO THE CENTRAL CANADA EXHIBITION.

Railway rates to the Ottawa Exhibition have been reduced to two-thirds of one-way first-class fare, plus 25 cents, for the round trip. This is a special concession just granted by all the railway companies, and is something in addition to the single-fare rates previously announced. The new low rate will be in effect over this territory: Tweed, Lonsdale, Kingston, Napanee, Renfrew, Brockville, Prescott, Cornwall, St. Poly-carpe Junction, Coteau Junction, Belleville, Lachute, St. Eugene, Maniwaki, Waltham, Eganville and intermediate stations. Tickets are good on all local trains, Wednesday, September 15, and on the morning trains of Thursday, September 16th, good returning on local trains of September 15 and 16.

This is one of the best arrangements ever secured for the Central Canada Exhibition, and is a decided improvement on last year's rates. There will not likely be another opportunity so favorable of visiting the Capital.