

J. G. Rutherford, V. S. Dec 20, 1902  
 Dept of Agr., Ottawa

# THE FARMER'S ADVOCATE

AND HOME MAGAZINE

\* AGRICULTURE, STOCK, DAIRY, POULTRY, HORTICULTURE, VETERINARY, HOME CIRCLE.\*

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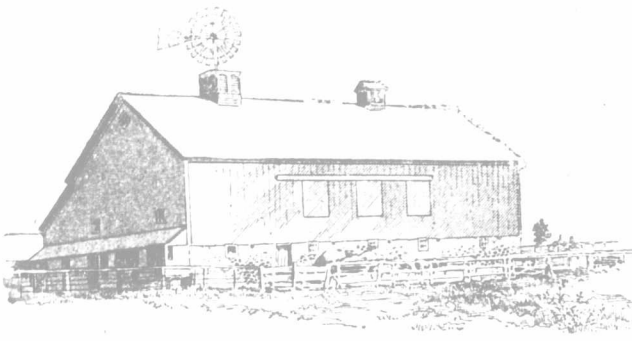
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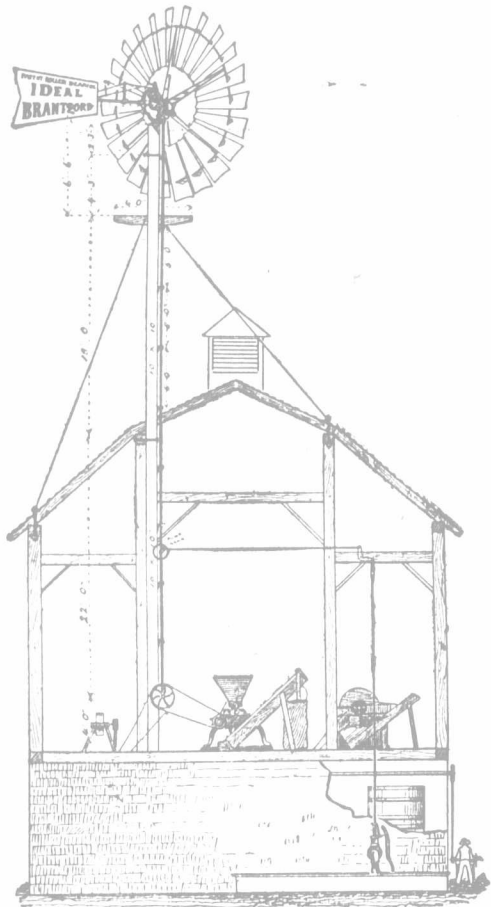
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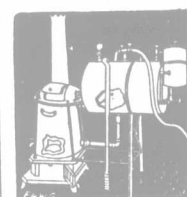
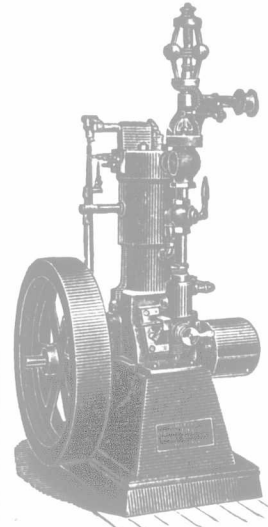
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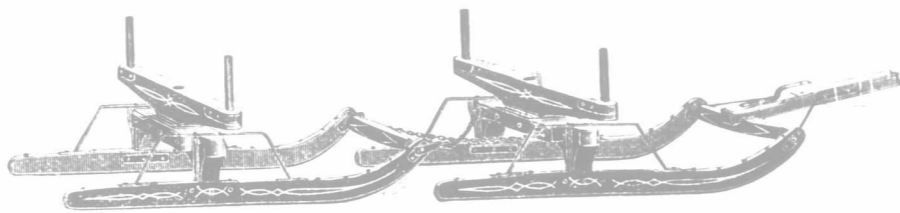
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  - 300 Washington Post March.
  - 452 Blue Danube Waltz.
  - 578 God Save the King.
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  - 808 Bonnie Brier Bush March.
  - 807 Soldiers of the Queen.
  - 805 The Maple Leaf.
  - 810 John Anderson, My Joe.
  - 806 Scotland's Pride.
  - 821 Lancers, 1st and 2nd Figures.
  - 822 " " 3rd and 4th Figures.

- 823 Lancers, 5th Figure.
  - 824 Quadrille, 1st and 2nd.
  - 825 " " 3rd and 4th.
  - 826 " " 5th.
  - 203 Wearing of the Green.
  - 555 Scots Wha Hae.
- SONGS.**
- 686 Good Bye, Dolly Gray.
  - 739 When the Roses Bloom Again.
  - 273 Sweet Annie Moore.
  - 735 The Blue and the Gray.
  - 134 Where is My Wandering Boy To-night
  - 131 Stay in Your Own Back Yard.
  - 432 In the Golden Field of Grain.
  - 66 The Bridge.
  - 201 All Hail the Power of Jesus' Name.
  - 109 Private Tommy Atkins.

- 360 Whistling Mike.
  - 310 Whistling Coon.
  - 133 And Her Golden Hair was Hanging.
- RECITATIONS.**
- 256 Auction Sale of Household Goods.
  - 238 Scene at a Dog Fight.
  - 233 Sermon on the Mount.
  - 252 23rd Psalm and Lord's Prayer.
- VOCAL QUARTETS.**
- 495 Blue Bells of Scotland.
  - 483 My Faith Looks Up to Thee.
  - 283 The Holy City.
  - 734 In the Sweet Bye-and-Bye.
  - 36 Evening Prayer.
  - 80 Ise Gwine Back to Dixie.

- COON AND COMIC SONGS.**
- 727 Coon, Coon, Coon.
  - 725 Hear Dem Bells.
  - 722 Turkey in de Straw.
  - 282 Just Because She Made Dem Goo-Goo Eyes.
  - 731 Good Morning, Carrie.
  - 788 Bill Bailey, Won't You Please Come Home?
  - 674 My Ohah.
  - 304 A Little Bit Off the Top.
  - 733 When Mr. Shakespear Comes to Town.
  - 339 The Mick Who Threw the Brick.

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Occupation.....  
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# THE FARMER'S ADVOCATE

AND HOME MAGAZINE

\* AGRICULTURE, STOCK, DAIRY, POULTRY, HORTICULTURE, VETERINARY, HOME CIRCLE. \*

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No. 563

## The Grand Trunk Pacific Railway Project.

General Manager Chas. M. Hays, of the Grand Trunk Railway system, makes the official announcement that the company has decided to construct a transcontinental line, with a mileage of from 2,500 to 3,000 miles, at an expenditure, including equipment, stations, shops, etc., of from \$75,000,000 to \$100,000,000. It is to connect with the present Grand Trunk system at Gravenhurst or North Bay, Ont., running through what is called "New Ontario," Manitoba, Saskatchewan, Assiniboia and Alberta, by way of the Peace River or Pine River Pass, and through British Columbia, striking its terminus on the North Pacific coast at Port Simpson, some 500 or 600 miles above Vancouver. Work will be commenced as soon as the necessary legislation can be obtained, and it is expected that five years after the surveys are made the big system will be in operation.

The above announcement apparently means that Canada is ultimately to have three transcontinental railways, viz., the C.P.R., the Canadian Northern (now under construction, and of which some 1,500 miles are built), and the new Grand Trunk Pacific, yet to be constructed. That the new project is not identical with the Canadian Northern (Mackenzie & Mann) road seems to be indicated by the fact that it is understood that the latter will cross the country on a line through Prince Albert and Edmonton, entering the Rockies by the Yellowhead Pass, and touch the Pacific Ocean at Butte Inlet; while the new Grand Trunk road, after crossing Manitoba, is to strike north a couple of hundred miles through Athabasca and the Peace River, entering the Rockies at the Peace River Pass. It has been suggested that the new road will utilize a portion of the Canadian Northern tracks now being laid, but Mr. William Mackenzie, chief of that syndicate, says the new scheme makes no difference to his plans, and that he is going on from the present rail-head of the Canadian Northern, towards the Saskatchewan River and Edmonton. Mr. C. Drinkwater, secretary of the C.P.R., expresses the opinion that the Grand Trunk will absorb the Canadian Northern. The prospect of another road has, naturally, been received with very great satisfaction throughout Manitoba and the West, particularly in view of the transportation situation at the present time. As Mr. T. O. Davis, M.P. for Saskatchewan, remarked in this city the other day, referring to the Prince Albert district: "We have had an immense crop, but cannot get it out. Transportation is tied up. The C.P.R. are doing their best, but are short of motive power."

With the present rate of development here it is simply impossible for any one road to handle the business of the country, and it is very doubtful, as was stated by Mr. Waller Scott, M.P., at Regina the other day, if railway construction will be able for the next fifteen years to keep pace with the growth of population and transportation needs. Hon. A. G. Blair, the Dominion Minister

of Railways, is satisfied that there is room for two or three roads in the country, and he further expressed the opinion that the extension of the Government lines through from the east to Georgian Bay was imperative. For eight months of the year that outlet to the seaboard would be in touch with the grain carriers from Port Arthur and other ports on the shore of Lake Superior, and this would certainly seem to be one of the keys of the situation that the Government should retain.

What privileges or assistance the Grand Trunk Pacific may ask from Parliament has not yet been disclosed, but the problem is likely to be one of the most momentous with which the approaching session of the House at Ottawa will have to deal. The future of this great agricultural country may be made or marred by the way in which it is handled. Past experience on this continent has shown that governments may readily grant such unrestricted privileges that the powers of railway commissions are not able to overtake and control. It is understood that a Canadian Railway Commission is to be created by Parliament at its next session, so that it behooves the public to be on the alert that its rights are not bartered away in advance.

The action taken by the Grand Trunk, the financial interests of which are largely centered in England, is an expression of their faith in the West and its future. It is one of the greatest advertisements this country ever had in Great Britain. It demonstrates that the Grand Trunk management are fully seized of the vast and rich resources of this country, and that in their judgment the future of the West is the future of Canada. In order to guarantee to the Grand Trunk system direct connection with the resources of the West, this step is not only wise but imperative.

## Outbreak of Foot-and-Mouth Disease.

Owing to a bad outbreak of foot-and-mouth disease in the New England States, the British Board of Agriculture has closed the ports of Great Britain against importations of animals from Maine, New Hampshire, Vermont, Massachusetts, Connecticut and Rhode Island. The order takes effect to-day (Dec. 5). The U. S. Secretary of Agriculture has established a quarantine of cattle, sheep and swine from New England, and exportation of cattle through Boston and Portland is prohibited. The Massachusetts Board of Agriculture has received reports of 100 individual cases of the presence of this highly contagious disease. United States live cattle may be excluded from Great Britain altogether, which would give a tremendous stimulus to Canadian cattle exports, so long as this country is kept free from the disease.

Many grow flax, yet numbers do not use it for feed on the farm. Try boiling it in six times its bulk of water and feeding to the calves. Begin sparingly, feeding with skim milk, if such is had, and gradually increasing the flax ration until it constitutes one-third of the mixture.

## Selection of Feeding Steers.

It is true that at this season of the year most steers for this purpose are bought and at their work, daily converting into beef the coarser foods grown upon our farms, and thus at first sight it may seem strange to call attention now to the type best suited to give the largest returns. In every feeding bunch there are some that will thrive better than others, and if the points that usually mark the paying steer are brought before the notice of the feeder now, ample opportunity is given during daily contact to note the results. It will naturally make a man more watchful of the differences in the make-up of the lot to have his attention called to the fact during process of feeding, so that when the time comes for purchasing, next year, he will be better able to put to a practical use all that he has gained.

Starting, then, with the head, we find it to be a good indicator of the animal's ability to lay on flesh, or the reverse. The co-relation of the various parts which make up the head seldom are at fault in this respect, and, in fact, no other portion of the body offers such a complete field of study in sizing up the animal's true ability to convert the rougher foods into the finished product—beef.

A broad, short head goes invariably with a thick, wide, low-set body, and the reverse is equally true; a slim face precedes a long, narrow body and greater length of limbs. The mouth and lips should be large, indicating ability to cope with full rations. The openings of the nostrils should be very prominent, a good sign of large lung capacity, which is essential to robust health and heavy gains. Then the lower jaw should be well clothed with muscle, assuring ability to fully masticate the essentials for producing flesh. The prominent yet placid eye, which speaks rightly of a quiet, generous temperament, bordering on laziness, which is so favorable to the process of fattening, is another desirable characteristic. Between the eye and the horn the distance should be short and the poll prominent. A horn of fine texture and flat form denotes quality, also a neat ear well covered with fine silky hair. A full, short neck, with the top line almost straight from the base of the poll to the top of the shoulder is very desirable, also. The blade of the shoulder should fit closely to the body, with a fair slope, which not only gives the animal a better appearance, but is a formation much more likely to be evenly covered with flesh.

It is very important that the chest be full, deep and wide; vital force and constitution depend largely upon the development of this part, and no animal deficient in vital force can economically convert food into flesh or fat. That the ribs should be long and hooped is equally important; the feed chamber, as well as the work-room for many of the vital organs, depend upon this.

A straight, wide back should also be looked for, because in this region a large share of the valuable cuts are stowed away. Long hind quarters, with smooth hips, should be sought; length here increases the amount of the better paying portions, and should be carefully looked into in making selections. Smoothness is also essential for this and quality are synonymous. Handling quality, so well known to the true stockman, is another essential that dare not be overlooked. The soft, glove-like feel, as the skin is handled between the fingers, must be had ere we are sure of the thrifty type. Mellowness is essential, and along with it the silky coat, which so truly tells that health is bounding in every vein.



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AND N.-W. T.

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### Renewing Time.

More new subscribers have been added to the "Farmer's Advocate" lists during the past season than in any previous year in its history. For this we are truly grateful. In large measure this splendid increase is due to the loyalty of our old readers. We also accept it as an appreciation of promises fulfilled in respect to improvements in the paper, of its increased size and the practical value of its contents. We act on the conviction that what is needed and desired is a paper of FIRST RANK for agriculturists and stock breeders. This is our policy for 1903, the prelude to which will be the beautiful CHRISTMAS ISSUE now in preparation. We look with confidence, therefore, to all our present subscribers to sustain us in this great undertaking by a PROMPT RENEWAL. Look up the address label on your paper, showing the date to which your subscription is paid. Every year the burden of our office work increases, and it will be a boon to receive your renewal now. We respectfully urge every reader to give this important matter immediate attention.

If possible, send us also the name of at least one new subscriber for 1903. Judging from the letters continually pouring in, the "Advocate" was never as popular with its subscribers as it is today. All doubts considered, they contend that at \$1.00 per annum it is the cheapest paper available.

### Medicine Had Natural Gas.

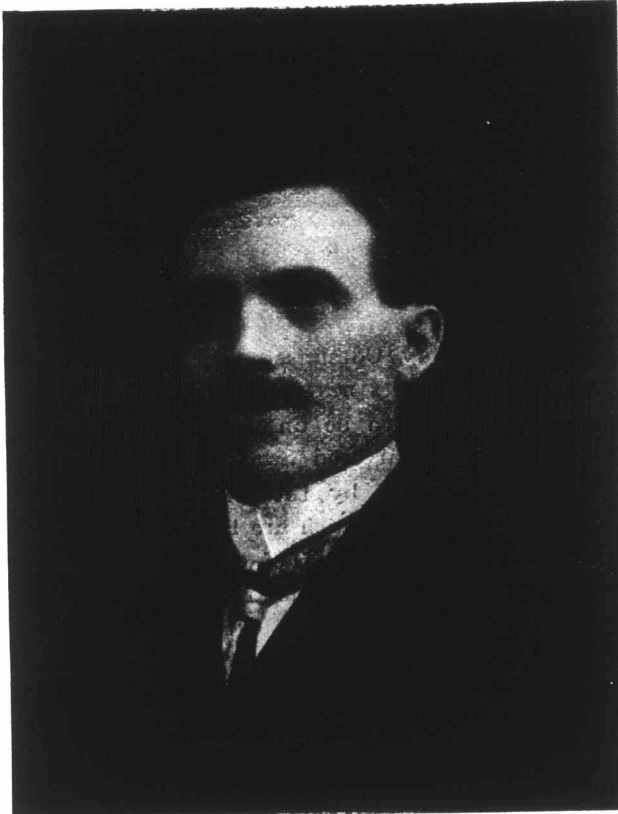
A plant which produces a gas which is the natural gas supply of the West, and which is used in the manufacture of medicine, has been discovered there in a recent discovery. The gas is called "medicinal gas" and is not in the ordinary natural gas supply. It is guaranteed by the manufacturer.

The total sales of land by the Canadian Pacific Railway for September were \$1,000,000, as compared with 60,060 acres for the corresponding month last year. This is another evidence of Western development.

### Announcement.

Mr. Geo. H. Greig, on retiring from the editorship of the "Farmer's Advocate" to undertake the duties of Live Stock Commissioner for Manitoba and the West to the Pacific Coast, under the Dominion Department of Agriculture, was presented by the publishers of the "Advocate" with a beautiful gold watch and chain, accompanied by a fitting testimonial, in recognition of his long and faithful editorial services. His intimate knowledge of the live-stock needs of the West and his well-known probity and personal standing will make the appointment deservedly popular.

The editorial management of the "Farmer's Advocate" will now be assumed by Mr. W. J. Black, B. S. A., who has already demonstrated his capabilities in agricultural journalism. After succeeding as a practical farmer and stockman, he took a four years' course at the Ontario Agricultural College, specializing in agriculture and live-stock husbandry, and graduating with highest honors. At the International Live Stock Judging Competition in Chicago, a year ago, he topped the list, his winnings being more than any other competitor, and at several leading exhibitions he has discharged the duties of judge of live stock with uniform satisfaction. Wherever he has been, his force of character and personal qualities have won him friends.



MR. W. J. BLACK, B. S. A.  
Who succeeds Mr. G. H. Greig as editor-in-chief of the  
"Farmer's Advocate," Winnipeg.

### Return of the Harvester.

"The harvest is past and the summer is ended." Perhaps in no place in the world are these words so full of significance as in Western Canada. The harvest has been good and the summer exceptionally favorable. The wheat has been cut and threshed in the best of weather, and the men who came West to work in the field have returned East, or in rare cases secured work for the winter. Those who have gone East cannot help but advertise the great possibilities of the West and induce more capital to come this way for profitable investment. Many of the harvesters have made the trip before, and to them the improvement in conditions is all the more noticeable. Many had come West for the first time. To these the experience of the summer has been a revelation. From both cases there cannot fail to result much good to our country, for even he who runs must surely have read the signs of the times. And what does it all mean? What does the steady pour of men into the West mean? What the enormous increase in the number of commercial men, speculators, prospectors, manufacturers, journalists and politicians? Have these come to make something out of the manipulation of the wheat of this country? It must mean something broader and deeper than this. It means a great sign of prosperity, of home building, of an increase in the luxuries of life in the West. This influx of people has meant the doubling in the value of real estate all over the immense West. Where a year ago a million acres of land

was worth \$3,000,000, it is now worth six and in many places nine millions, and in the towns the increase in real estate is even in greater proportions. The harvesters have seen the movement, have caught the scent of development, have experienced the fascination of wheat farming on a large scale, and will return again next year prepared to remain to enjoy their share of the riches bestowed by a lavish nature in the Canadian West.

### The Car Shortage.

To the Editor "Farmer's Advocate":

Sir,—By all odds, the most important question before the farmers of the West to-day is the car shortage. In the face of the fact that we have had such a magnificent crop, it is most lamentable that there should exist so much dissatisfaction in the marketing of the grain. The widespread irritation regarding the elevator and railroad service tends to offset much of the good resulting from the large crop. Visitors to our new country are sure to be impressed with the lack of facilities for marketing the products of the country, and the disadvantage under which people labor.

The situation this year is by no means of recent origin. But the increase in the grain marketed, however, has tended to aggravate the situation. It has long been felt that excessive rates were being charged for carrying wheat to Fort William, and that the elevator companies were making enormous sums for loading the wheat, both by legitimate handling and by unfair methods of dockage; but the galling situation has never been so apparent as it is this season.

Some months ago, when the Grain Growers' Association obtained the privilege of loading cars on sidings, it was thought that a long step had been taken in the alleviation of conditions, but since the railroad companies do not furnish sufficient cars the relief is only trifling. Farmers are still compelled to sell to the elevators, and the exact situation is best revealed where in the same town one man, who is fortunate enough to secure a car, receives 60 cents for his wheat on the track, while at the same time his neighbor sells to the elevators for 51 cents, thus giving the elevator companies 9 cents per bushel for loading the cars, besides a good "rake off" in dockage. Such glaring injustice at once excites much unhealthy agitation. Everyone sees the helplessness of the farmer. To wait for cars is to wait for lower prices. Debts must be paid, and at the close of navigation the price of wheat is sure to drop, and the roads in many places become very bad in winter.

Throughout the summer and fall the C.P.R. company proclaimed its ability to handle our crop and to prevent the occurrence of blockades. Their inability to do so only goes to prove to the people of the West that more railroads are needed to open up this country and to furnish shipping facilities. The reason offered by the C.P.R., that had they rushed the wheat forward there would have been a blockade at Ft. William, has no ground whatever for justification. During the whole season the elevators at the ports have kept open, and boats on the lakes have always been able to relieve congestion. The conclusion of the whole matter is that the C.P.R. is unable to cope with the transportation problems of the West, and the sooner we get other companies firmly established the sooner will there be relief.

For the elevator companies no excuse is offered. They simply have a rich harvest, and are reaping at the farmers' expense. One would expect that common decency and ordinary business principles would induce these companies to work for reasonable margins. Such rank injustice as has been practiced this year only defeats itself in the end by antagonizing the people.

The solution of the wheat transportation problem should be the first consideration of our federal and local legislators, at the earliest meetings of these houses. The problem is difficult, and no shortsighted policy of transportation should receive consideration. Free competition in transportation should be the keynote of such legislation.

F. S. JACOBS.

### Our No. 1 Hard Wanted.

A St. Paul, Minn., despatch says: The Washburn-Crosby Milling Company, of Minneapolis, has bonded its Humboldt mill for an indefinite period to grind nothing but Canadian wheat. The bond demanded by the customs officials and given is for \$50,000. The custom heretofore prevailing was to ship the grain of the Canadian Northwest, loaded, through the United States to Liverpool. The grinding of the grain in Minneapolis, instead of in England, will create a great saving in the expense of transit to Europe. A bond of \$30,000 was also given at the customs house by the Great Eastern Elevator Company of Minneapolis, for the storage in Minneapolis of Canadian oats. This grain, eventually, will be ground into oatmeal in this State, at some mill yet to be designated, and used entirely for export business.





MR. W. S. MARR'S BEST BULL CALF IN THE SALE RING AT TILLYCAIRN, SCOTLAND. SOLD FOR 320 GUINEAS.

**The Territorial Natural History Society.**

A meeting of those interested in the study of natural history subjects, principally economic entomology and botany, was held at the Calgary High School on the 5th November.

The chair was occupied, until the burial of the Entomological Society, by the Bishop of Saskatchewan and Calgary. The large room was crowded, and among those present were: C. W. Peterson, Deputy Commissioner of Agriculture, Regina; T. N. Willing, Regina; Dean Paget, Percy B. Gregson; N. D. Sansom, Curator of Banff Museum; F. H. Wolley-Dod, A. G. Wolley-Dod, C. Marker, Principal J. B. Boyce, Messrs. King, Tomlinson, and many other residents of Calgary and district.

After an interesting opening by the chairman, Percy B. Gregson, as president of the Entomological Society, was called upon to address the meeting.

Mr. Gregson said that the society was now in its fifth year of existence, and explained some of the difficulties that had to be overcome in the course of its establishment. Very early in the society's existence, botany was made a complementary subject with entomology. By constantly hammering away, by holding meetings, and by pointing out on every possible occasion the manner in which agriculture was affected by insects and plants, farmers were interested in the welfare of the society. One difficulty to contend with has been not so much the prejudice of the young people against insects, but the prejudice of the parents, which, however, was passing away.

There is now organized at the Red Deer and Lacombe schools field clubs for these districts.

Speaking as to the use of the study of entomology, or botany, or any other subject of natural history, Mr. Gregson said that even looking at it as a hobby, it has a value, namely, that of keeping a definite purpose in view. Botany is the study of the life history of all plants. It teaches their modes of growth, habits, natures, localities, etc., so that we learn just how they affect the farmer for good or bad.

Another use of the study of natural history is the remarkable development of the faculty of observation—in the young especially.

As an almost natural corollary with the work of the Entomological Society, plans have been formulated for the establishment of natural history museums at the schools of Red Deer and Lacombe, which the pupils are intended to collect for and augment every year. These museums are designed to include every subject of natural history (plants, insects, fossils, minerals and other geological specimens, birds, shells, etc.). A few cases for each school have already been ordered to be constructed as a start.

Mr. Gregson, in conclusion, said that he had arrived at one of the saddest episodes in the history of the Entomological Society, namely, its suicide. He proposed that the Entomological Society should be discontinued, and explained that this did not mean oblivion, for that from its ashes would arise, he trusted, a society with greater scope for work, on the lines of a natural history society for the Territories, and on this basis he understood that the existing members would transfer their allegiance to the proposed new society.

Before proceeding with the new business, Principal Boyce expressed his desire to assist in the formation of a museum at Calgary, and Mr. Tomlinson offered to help the young collectors

and others in every way he was able towards that end.

Moved by T. N. Willing, and seconded by C. W. Peterson, "That a vote of thanks be extended to the officers of the Entomological Society, for the energetic and untiring way in which the affairs of the society have been conducted." This was carried.

Moved by Mr. Gregson, and seconded by Mr. A. G. Wolley-Dod, "That a vote of thanks be extended to the chairman." Carried.

Moved by Mr. Gregson, and seconded by Mr. A. G. Wolley-Dod, "That a new society be formed under the title, 'The Territorial Natural History Society, with fee of \$1 for membership.'"

Mr. C. W. Peterson was then elected to take the chair, with Mr. T. N. Willing as secretary pro tem for the proceedings.

Moved by Mr. N. B. Sansom, and seconded by F. H. Wolley-Dod, "That divisions of entomology, botany and ornithology be established."

A draft of the constitution of the Territorial Natural History Society was then considered, section by section, and was finally adopted.

The following officers were then elected: President, Percy B. Gregson; 1st Vice-President, C. W. Peterson; 2nd Vice-President, G. Wolley-Dod. Directors: Entomology, F. H. Wolley-Dod, Calgary; botany, Mr. Nivens, Prince Albert, and Mr. Hutchinson, Regina; ornithology, Dr. Henry George, Innisfail, and F. Dipple, Calgary; and T. N. Willing, Sec.-Treas. Ex-officio, the Hon. G. H. V. Bulyea, Commissioner of Agriculture, Regina.

It was decided that the report of the president of the late Northwest Entomological Society should be included in the first annual report of the Territorial Natural History Society, and, also, inasmuch as the excellent work done by the Entomological Society led to the formation of the Natural History Society, that the deficit of the former be assumed by the latter.

It was resolved that three official museums be established, one at Blackfalds, in the Red Deer district, with Percy B. Gregson as curator; one at the Territorial capital, with T. N. Willing as curator, and one at Calgary, with Principal J. B. Boyce as curator.

A resolution was adopted, unanimously urging the Territorial Government to provide at the earliest possible moment the necessary accommodation for a public natural history museum, such as is maintained in all the provinces.

The next annual meeting is to be held at Calgary, during convention week of the Agricultural Societies in May.

**The Western Horticultural Society.**

The members of this society lately held a meeting in Winnipeg, at which the recent horticultural exhibition was discussed. The members present were unanimous that the enterprise had been successful, notwithstanding the small deficit of \$60.85.

A practical paper on "Horticultural Experiment Stations for Manitoba" was read by Melvin Bartlett, secretary of the society. Discussion and general business followed. Indications are promising for a successful year for this society.

We take it that the highest and most practical achievement in pure-bred stock breeding is the production of prepotent males of the first class.

**Sale of Pure-bred Hogs in the Territories.**

Following the policy previously pursued in the matter of cattle, the Territorial Government, aided by the Canadian Pacific Railway, the Dominion Commissioner of Agriculture, and some of the Land Companies, has been carrying on a series of auction sales of pure-bred hogs at central points in the Territories. The railway gave free transportation, the Dominion Commissioner collected the stock and chose it free of charge, and the Qu'Appelle, Long Lake and Saskatchewan Land Company gave financial aid. Sales were conducted at the following towns along the Canadian Pacific Railway: Regina, Saskatoon, Rosthern, Prince Albert, Moosomin, Whitewood, Grenfell, Wolseley, Qu'Appelle, Moose Jaw, Maple Creek, Medicine Hat, Lethbridge, Macleod, and Pincher Creek. Mr. W. S. Paisley, of Lacombe, conducted the sales for the Government, and they were very successful. The breeds represented were Yorkshire and Berkshire, and about a sixth of the number of animals offered were males. All hogs were registered or eligible for registration. They were a good class of stuff, and were selected from some of the best herds of Ontario. As the general hog stock of the country is scarce, it was found necessary to import females, contrary to the practice followed among cattle. All buyers had to sign an agreement not to dispose of the stock for butchers' purposes within two years. The prices realized ranged from \$8.50 to \$45.00.

The need of fostering the pork industry is sufficient warrant for the Government bringing this stock into the country, as there is a notorious scarcity of pork in the Territories, even for local consumption, and as a staple meat food for ranchers, for miners in British Columbia, and for the general consumer in the towns. There is a strong demand and need for pork, as the great bulk of it is imported from Manitoba, Ontario, and from the United States at present, and the prices at which it sells are exorbitant. Bacon and hams in some of the towns are sold by grocers at twenty cents a pound. Considering the low price of feedstuffs, such as oats, bran, shorts, barley, and even wheat, there should be a good profit for the farmer in converting his grains into pork. There should follow rapidly, on the more general introduction of hog-raising, the business of curing and packing. There is the best possible opening for this industry in any of the towns in the neighborhood of which mixed agriculture is carried on. J. McCAIG.

**Thanks for Telephone Information.**

I wish to thank Messrs. Allison and Goodspeed for their prompt reply to my letter through the "Advocate," and also for the valuable information furnished by them to the farmers of our township in reference to farmers' telephone. As soon as we get the cost from Mr. Allison, of building in Alberta, I see nothing to prevent us making preparations at once to build.

Brandon. JOHN BROOKS.

Mr. J. S. Larke, Commercial Agent of the Canadian Government in Australia, in his letter which we publish elsewhere, sheds a flood of light upon the opportunities and conditions for Canadian trade there, and points out the need for Canadian pure-bred stock to improve the herds and studs of the Commonwealth. Shall we rise to the occasion?



SCOTTISH CANADIAN =36100=, IMP. IN DAM. Winner of second honors at Winnipeg Industrial Exhibition, 1902. OWNED BY JAMES BRAY, LONGBURN, MAN.







**The Prevention and Cure of Anthrax in Man and the Lower Animals.**

Anthrax is a blood disease which affects all domestic animals. Carnivora, or flesh eaters—dogs, for example—enjoy a high degree of protection against it; but at times they, too, succumb. Man himself is quite susceptible, and sheep, goats, horned cattle, and horses, are especially liable to contract it. The result depends upon the portion of the body that is affected. If the poison passes the stomach and develops in the intestines, death follows. If in the case of a man a wound on the hand or the leg gives the poison entrance into the body, then malignant pustules form. Oftentimes such patients recover; possibly one in five may die. The same may be said of horned stock, but sheep and goats, with one or two curious exceptions, have little or no resisting powers, and anthrax once in a flock often claims one-half its number as victims.

The cause of this disease is a plant too small by far to be seen by the eye unaided. Under the microscope it looks like a rod, about five times as long as it is thick. Five thousand of these rods or bacilli, put end to end, might measure one inch in length. This rod-like plant goes to seed under certain circumstances, a point to be remembered, because it is this peculiarity which gives to it almost unlimited power for causing losses. These seeds (spores) can stand both heat and cold, and can lie for years in a dry place without loss of vitality. A combination of heat, moisture and food, such as the animal body offers, may cause the seed to germinate and develop an epidemic anew. Once within the animal body, anthrax plants multiply without seed formation, and if they cause the death of the animal and it is buried without a dissection or mutilation, which would allow air to come into contact with the blood, then in a short time the plant dies and nothing remains to generate future trouble. Almost invariably, immediately after death, however, blood exudes from all the natural openings

deeply with lime. The risks that are run by any carelessness in dealing with a carcass, from which millions of millions of infective spores may be given off, which may years after infect and destroy cattle, sheep, swine, and horses, and enormously reduce the value of the farm, must be obvious.

Vaccination or protective inoculation should not be undertaken by any inexperienced person, and on no account should old or doubtful lymph be used. Protective lymphs may be obtained through the Dominion Department of Agriculture, at a discount of one-third on the ordinary retail price.

**The Charm of Prairie Life.**

There is in life upon the prairie a charm that cannot be accounted for on the ordinary ground of pecuniary advantage. People come from beautiful, comfortable homes in the East and positively enjoy living in plain, restricted quarters upon the prairie. What is the inducement? What is the charm about such a life? Not the novelty, for it is lasting. Not the eccentricity, for it possesses all. Not the remuneration, for even the poor are affected. The answer is found in the prairie itself. The prairie is expressive of one of the sweetest and most enticing moods of Mother Nature. Its breadth is indicative of the infiniteness of the Almighty. Its levelness is an expression of His gentleness, as if this creation had been smoothed out with His caresses.

In its stillness the soul stretches out after something, and we are drawn involuntarily toward the place from whence we came—Home. Those who know the hills know their meaning. The mountains are sublime evidences of the strength, of the awfulness of the Creator. The narrow valley, wooded hills and plains, speak of His intricate mind, but the broad, level, silent prairie reveals a Power at rest, full of consideration for His creatures, and sweet in its great simplicity. Do you wonder why we love the prairie? Turn to nature, or rather be drawn to her by an expression of her best mood—the prairie.

**Great Movement Into the Dominion.**

The importation of settlers' effects during the last fiscal year shows an increase of \$4,774,044, as compared with 1899. The increase in settlers' effects from the United States alone amounts to \$1,567,502. This indicates how large a movement of population has been going on from the United States to Canada.

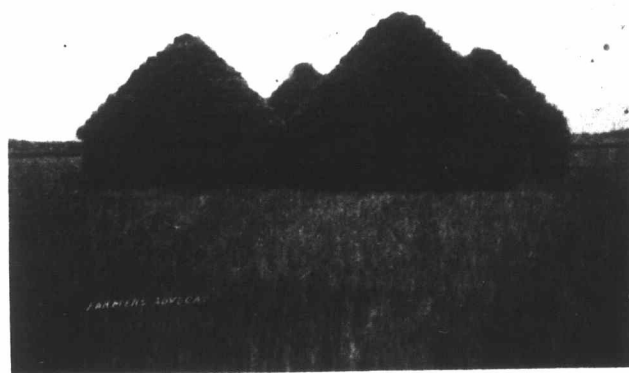
The figures for the past four years are as follows:

	Total.	United States.	Great Britain.
1899	\$2,805,956	\$2,183,861	\$458,888
1900	3,065,410	2,385,724	657,344
1901	3,740,000	2,915,000	801,000
1902	4,580,000	3,751,363	802,313

**One for the "Farmer's Advocate."**

In conversation with an "Advocate" representative, Mr. E. B. Collins, of Dominion City, mentioned an interesting fact in connection with the hullless oat swindle. The men selling these oats called on Mr. Collins at his farm, and he was pleased with their offer to sell him a bushel of hullless oats for \$25.00 and buy his crop at the same price, but he wished to have his brother's opinion on the matter, and told them to call in the evening. When he spoke to his brother he was referred to an article in the "Farmer's Advocate" exposing the swindle, and when the swindlers called that evening he asked them if they had seen this article, and went in the house to get the paper, but when he came out his callers had gone.

*The service rendered its readers makes the "Farmer's Advocate" the cheapest farmer's paper in the Northwest to-day.*



STACKS ON JOHN GRIEVES' FARM, MARRING-HURST PLAINS, MAN.



HOME OF ROBERT KING, FAIRFAX, MAN.

**Banking in the West.**

At the recent annual meeting of the Canadian Bankers' Association, in Toronto, Ont., a most interesting feature was the receipt of a communication from the Winnipeg subsection of the Canadian Bankers' Association, detailing the business situation and general conditions in Western Canada, as understood by the bankers of Winnipeg and the surrounding section. The communication was addressed to the president and members of the association, and was dated November 6th. The statement explained that the currency circulation proposition was becoming a serious one, in view of the vast movement of grain and the requirements for the breaking of new wheat land in the Western States and Territories. The statement calls especial attention to the volume of the recent cereal movement and the necessity for funds to handle the same.

The subsection of Winnipeg reports that the bankers have 160 correspondents all over Manitoba and the adjacent Territories for the purpose of receiving advanced information on crops, atmospheric conditions, and details of that character at critical moments. The yield of wheat in Manitoba and the Territories, they estimate at 64,000,000 bushels, of which 65 per cent. has been threshed. The total yield of wheat and coarse grains is estimated at 127,000,000. In Manitoba alone the acreage was 2,600,000, and there was a yield of 24 bushels to the acre.

A still greater item concerns the increased demand for elevator space. Because of this demand the elevator space in Manitoba and the Northwest Territories has been increased by a capacity of 4,000,000 bushels, making the total elevator capacity now 25,000,000, including lake terminals.

Dealing with the absorbing question of immigration, the report declares that 67,000 new citizens have thus been added to Manitoba alone, divided among nationalities as follows, in round numbers: Canadians, 12,000; returning Canadians, 2,000; Americans, 8,900; English, 5,300; Germans, 2,500; Scotch, 2,800; Russians, 6,300; Irish, 1,300; Swedish, 2,000; Norwegian, 2,500.

**Discard the Sour Swill Barrel.**

One of the chief reasons why some hog-raisers fail to secure the success which their neighbors enjoy is because the kitchen refuse is allowed to become fermented before being fed. It is a mistake to imagine that everything a hog will eat is good for him. He has really no greater need, nor does his system call for food strongly acid, than a man would have for pickles at every meal. There is no more active agent in promoting indigestion in hogs of all ages and in checking rapid and profitable growth than sour swill. It keeps young pigs thin in flesh and heavy in belly; and for older ones, and brood sows in particular, it commonly puts them "off feed." While everything coming from the kitchen should be made use of, its receptacle should be kept clean. Take it all down to the pens while fresh, and feed at once; nothing can be gained by delay, and much may be lost.

**An Interesting Bovine Freak.**

Jno. Cran, of Keith, North Britain, has in his possession a rather interesting bovine freak, namely, a calf with "its heart in the wrong place!" The heart is located forward of the chest bone; the photo shows its location by the enlargement there. Owing to the comparatively exposed position of the heart, its beatings could readily be seen. The calf is not as vigorous as other calves of the same age, although it was able to eat and drink readily.

A similar freak was recently reported from Blair, Man., of a calf with its heart located in its neck.



IT'S HEART IN THE WRONG PLACE.

of the carcass of an anthrax victim; therefore, it is the duty of the farmer to take care that the carcass is cremated immediately life is extinct. In no case should the carcass be skinned, or the plague may extend not only among the adjacent flocks and herds, but to the tanners and their helpers who take part in removing the hide from the animal.

Last year a bulletin was issued by the Dominion Department of Agriculture, dealing with anthrax, and demonstrating the efficacy of the use of Pasteur's vaccines to produce immunity.

The anthrax bacilli themselves are easily killed, but their spores resist ordinary germicides, and even such degrees of heat as kill other spores of bacteria. If the disease be left unchecked and preventive measures be neglected, not only may present serious losses be experienced, but the land itself may be rendered infected for centuries. The spores of the bacillus, in some way, get into the ground and remain there in a dormant state for many years. The skin, hair, wool, hoofs and horns of infected animals, if soiled with blood, are contaminated by the bacilli. It is an infection the very reverse of that of contagious pleuropneumonia, which requires the contact of living diseased animals with living healthy animals, whereas anthrax infection rarely takes place from living animals unless the blood containing bacilli be allowed to contaminate the food or inoculate a wounded surface. The carcass and excreta are to be dreaded as the sources of infection.

If, after death, the blood be confined within the body, and discharges from the natural openings be prevented, by plugging them with tow saturated with a twenty per cent. solution of carbolic acid, and the carcass be carried, not dragged, to the place prepared for burning it, no infection is likely to take place. As a precautionary measure, however, the stall and surroundings where the death occurred should be thoroughly disinfected, as well as the cart or wagon in which it has been carried.

After burning the carcass, bury the ashes





EVENING ON THE FARM.  
Photo taken, Sec. 20, T. 12, R. 28, Manitoba.

### Our Scottish Letter.

Time passes, and the weeks fly over our heads in such fashion as alarms the man who looks back in his reckoning. Last letter closed with some reference to the great cattle sales which had just taken place in the north. The most notable of all the sales, in some respects, was that held at Jackston. The herds at Jackston and Westertown are in the hands of two cousins of the same name—James Durno. They have been rapidly building up a first-class reputation, and making good averages at the spring bull sales. The Canadian buyers operated to some purpose at these sales, and they got right good cattle. The younger animals were all sold subject to the tuberculin test, and we believe they came through it all right. The result of the sales of both A.-A. and Shorthorn cattle is to place the A.-A. breed at the top, with the best average in a mixed sale. This figure is £92 3s. 4d., which stands to the credit of Ballindallooh. Three of the next best averages are at the credit of Shorthorns, Collynie leading with £84 17s. 3d., followed by Jackston with £71 17s., and Holker in Lancashire with £53 10s. 6d. Fifth place is filled by Auchorachan, with £52 5s. for blackskins, and Whiteside Alford is sixth with £43 16s. 9d. for Shorthorns. Not far off is Balliol College, with £43 13s. 2d. for the blacks, and Westertown presses him hard with £43 8s. 9d. for Shorthorns. The last of the averages over £40 also stands at the credit of Shorthorns, Newton taking the place with an average of £41 15s. 4d. It will thus be seen that, leaving out of account sales which were confined to bull calves, the two breeds run a close enough race in the sale ring. The leadership belongs to the blacks, but the best average positions go to the red, white and roan.

October is the dairy show month of the year. The leading cheese shows in Great Britain are held at Frome in Somerset, London, and Kilmarnock. The first is a West of England affair, pure and simple. It is the great market for cheese in that locality. The taste there differs greatly from the Scots taste. The public in the south demand a mild, meaty cheese, and they get it. To the ancient Scot, who loves his cheese with a 'bite' in it, the brand which looks more like curd than cheese is not beautiful. The Englishman, however, demands it, and will take no other. This year the Scot made an effort to wrest the laurels from England at the London Dairy Show, and to a certain extent he succeeded. The north was fairly well represented in the battle, but the victorious dairy was that of Mr. Alexander Cross, of Knockdon, in Ayrshire. Mr. Cross contrived to put several lots of cheese before the judges, possessing the qualities which command success in England, with a fair proportion of purely Scots characteristics. The judges were Mr. R. Hudson, Jr., Ludgate Hill, London, and Professor Drummond, of the West of Scotland College, Kilmarnock. Mr. Cross took first for his cheddars; Mr. W. Stevenson, Boghead, Mauchline, being second; Mr. James A. Whyte, Kirkmabreck, Stranraer, third; and Mr. Jno. Smith, Standingstone, Kilmarnock, fourth. In the other cheddar class a Gloucester maker was first, but Scotsmen were second, third and reserve. The cheese thus decorated would hardly have been looked at in a Scots show. They were made for the London palate, and seem to have hit it. These things show that after all cheese points are pre-eminently matter of opinion. There can be no absolute standard of merit. Makers must aim at supplying the public taste. The best is what best achieves this end. Canadian cheese

are in growing favor in this country, and merchants speak highly of this season's make. The cool summer, combined with the new arrangements made for preserving the cheese in transit, and the summer-curing methods in vogue, will, inevitably, lead to an increased demand for Canadian produce. Canada has, however, much leeway to make up in the matter of butter. Last week she was on the same plane as Ireland. Denmark was far ahead, with an enhanced value by fully 10s. per 112 lbs., and New Zealand, which is almost due, was quoted quite 6s. in advance of Canadian and Irish. Will it be the case with factories as with individuals, that whosoever

you find good cheese you need not look for first-class butter?

The most recent event of mutual importance and interest to Canada and the mother country has been the conference in London on the Canadian cattle store question. It was organized by the Clyde Trust and Glasgow Town Council representatives, assisted by representatives from the Dundee and Aberdeen Harbour Boards. There were agricultural representatives present from the Eastern counties of England and the Midland and North-eastern counties of Scotland. The meeting could not be regarded as at all representative, as three-fourths of the farmers in Scotland were not represented at all, and perhaps nine-tenths of the farmers of England. So far as agricultural interests are concerned, in this agitation they count for almost nothing. The aim of the conference was to enlighten members of Parliament on the side of the question which interests the consumer. There is an obvious determination to work the argument of dear beef for all there may be in it. I don't think there will be much, as the vast quantities of beef and mutton brought here in chilled chambers will always prevent any excessive advance in the price of meat.

If any change in the law takes place it is increasingly evident that it will not be through any action of the Board of Agriculture, and its President, Mr. Hanbury, has obviously made up his mind, and he gives me the impression of being a gentleman who, when that stage is reached, may as well be left alone. He was down in Edinburgh last week, and it seems evident that while he is not indisposed to admit Argentine cattle for slaughter at the port of debarkation, he is not in favor of proposing any amendment to the Act of 1896. In other words, he may, as he must statutorily, when satisfied that there is no disease in the Argentine, admit the cattle from that quarter to be slaughtered at once, but he cannot deal in this way with the importation of Canadian cattle as stores, because that question is settled by statute in the negative. The movers in this business mean to keep the agitation going. The M.P.'s who favor the views of the conference speak of bringing in a private member's bill. That, however, has a very poor chance of passing. The Government, I believe, recognize the chief difficulty in this matter to be in the composition of the present Parliament. There are 80 or 90 Irish members who would vote against a change in the law; and the English county members, except a few from Norfolk, and perhaps Essex and Lincoln, and about one-half of the members for Scotland,

would follow suit. In these circumstances no minister in this country is likely to look seriously at the proposed amendment of the Act of 1896. "SCOTLAND YET."

### Farm Siftings.

Many things are dear at present, but advice is as cheap as ever. Be very careful that the variety you use is applicable to the case in hand.

\* \* \*

There is not much wisdom in selling hay. It depletes the land without recompense being made; it is like hauling the farm away in chunks, never to be brought back. Feed your hay, is a good motto.

\* \* \*

"How can I best improve my stock?" is a question often asked. Try the "feed plan," be very liberal, then note results. We believe you'll continue, for it pays every time.

\* \* \*

The farm needs our best, whether it be muscle or literature. The "Advocate" supplies the latter and at the same time saves the former. Help your neighbor to that which you enjoy, send in his name and the "needful" and ye'll do the rest.

\* \* \*

What about the boys on our farms, the small boys who are ever asking questions? Don't snub them; be chummy; tell them what you know; keep them in touch with what is going on. Their interest will be aroused and they will be more likely to stay with you and the farm and become better citizens than if driven to look for information from other sources. Begin early, don't delay.

\* \* \*

Times are booming. Many who could not afford it before are now enjoying the luxury of a first-class driver. Those who are at present breeding the "choice ones" of this class are doing well and may expect yet to do better. The horse is a better stayer than either the bicycle or automobile.

\* \* \*

Allow no unnecessary crevices to let in the cold and sap the returns of our high-priced fuel; yet keep the air pure, for fuel, no matter how costly, is cheaper than sickness.

\* \* \*

Make the stable as comfortable as possible. Contentment is one of the thriftiest handmaids that any farmer has.

\* \* \*

In this issue, for the first time, "Caleb Jinkins" begins to turn his search-light on the agricultural situation at Jinkins Corners.

\* \* \*

Some things are neither useful nor ornamental. The Christmas "Farmer's Advocate" will be both and more. Do not miss it.



PLOWING ON THE FARM OF S. J. THOMPSON.  
Photo taken, Sec. 20, T. 12, R. 28, Manitoba.





**ANGUS LAD (10671).**  
Imported Clydesdale stallion, sired by the celebrated Mains of Wales and out of Pandora. Airies (10379), by Prince of Wales and out of Pandora.  
OWNED BY ALEX. GALBRAITH, BRANDON, MAN.

**Rural Mail Delivery.**

In the United States rural mail delivery was eagerly received by farmers, has passed the experimental stage, and is now an established institution. The postal receipts have been increased. Rural carriers have been given the power to receive and register letters, and this has proved so highly acceptable that it is proposed to further increase the carriers' usefulness by further extending the money order system to these rural routes. Carriers are even now empowered to receipt for money orders. After January 1st, it is the intention to empower the carriers to pay money orders at the residences of known patrons of routes. The annual report of Assistant Postmaster General Wynne urges that in view of the success of the rural free delivery establishment and its necessities for the future, an appropriation of \$12,655,800 be granted, an increase of a little more than \$5,000,000 over the current fiscal year.

**Live Stock Association Meetings.**

The executive committees of the following associations, Provincial Live Stock, Pure-bred Cattle Breeder, Sheep and Swine Breeders, and the Horse Breeders, met on November 19th and 20th, in Winnipeg, to arrange for the annual winter conventions and confer with Dominion Live Stock Commissioner F. W. Hodson.

Each executive was very fully represented, the members present being: the President, J. G. Washington, and Messrs. Jas. Bray, A. Graham, W. S. Lister, Jas. Yule and Hon. Walter Clifford, of the Cattle Breeders; President W. G. Styles, and Messrs. J. Bray, A. Graham, S. J. Thompson, and J. A. McGill, of the Sheep and Swine Breeders; and President S. J. Thompson, and Messrs. J. A. S. Macmillan, R. I. M. Power, A. Graham, W. R. Taylor, V.S., and W. W. Fraser, of the Horse Breeders.

Mr. Hodson addressed the executives, outlining the work his department was doing in other provinces for the encouragement of the live-stock industry through the local live-stock associations, the farmers' institutes and agricultural fairs.

The impetus which the winter fair at Guelph has given the Ontario live-stock interests was referred to, also the benefits which the winter fair at Amherst, N.S., and the local live-stock associations are at present conferring upon the Maritime Provinces. The success of stock sales in Ontario, Calgary and British Columbia was also referred to, as well as the importance of having local men trained for institute work and expert stock judging, and a short course in live-stock judging, similar to that inaugurated at the annual convention held last February in Winnipeg, was strongly recommended as the most important work to be undertaken at the present time.

Mr. Hodson also briefly outlined the work the

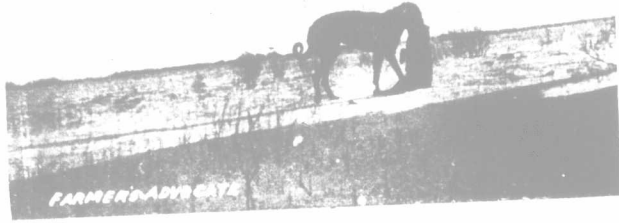
department was prepared to do in Manitoba and the West. If the local associations would furnish their secretary a permanent office, and contribute towards his salary, the department would supplement the salary so that the secretary's whole time would be devoted to the different duties of the association. After deliberate discussion, the respective committees endorsed the proposition and voted a substantial increase to the salary of the secretary, Mr. Geo. H. Greig.

Stock judging, it was decided, would be the chief feature of the annual winter convention, probably held in February, after the bonspiel, and, owing to the popularity of the stock-judging demonstrations last winter, it was felt that this work could profitably be extended for a week or even longer, provided competent lecturers could be secured. After the minor details were fully arranged by the sub-committees, this series of successful meetings came to a close.

**The Peace River Country.**

The proposed construction of the Grand Trunk Pacific Railway calls special attention to the Peace River country capable of immense development. Prof. John Macoun, of the Canadian Geological Survey, says:

"There is in it the very best of alluvial soil



**GENERAL.**  
Dr. O'Brien's (Dominion City) Scotch deerhound finishing the career of a prairie wolf.

to a great depth, and to-day all the different grains are being grown."

"Will it grow wheat without danger of frost?"

"Yes, as well as land farther south. Some people imagine that the farther north you go on

this continent the heavier the snowfall. But I can state from experience that throughout a large part of the northern country the snowfall is lighter than here in Ottawa. Mr. Ogilvie brought down with him a few years ago wheat that had been grown at Fort Providence, away up toward the arctic circle, 800 miles north of the line that separates us from the United States. I myself saw at Isle a la Crosse, farther east than the Peace River, potatoes growing in the fields on the 22nd of September. That was 30 years ago. In 1875 I brought down with me from Athabasca wheat that took the prize at the Centennial Exhibition in Philadelphia, and proved a revelation to the world. There is no question but wheat can be grown all the

way across this northern belt to James Bay. I am just now preparing my report on my summer's work in the Yukon, and will supply proof that from the flora I saw there wheat can be grown even in that region. For that matter, I brought some down with me this fall. I have taken for many years an intense interest in this northern belt of the Dominion, and am satisfied that it has before it a great future as an agricultural and grazing country. Where you cannot raise wheat you can get even more money out of other crops or out of cattle-raising."

**Large vs. Small Fairs.**

The directors of the Killarney Agricultural Society have called a meeting for 2 p.m. Dec. 8th, to be held at Killarney, to discuss the advisability of organizing a South-western Manitoba Agricultural Association.

The idea is to amalgamate a number of the smaller societies, placing the new one on a strong financial footing, also giving it territory and population sufficient to make it rank as one of the leading fairs. Many observant men believe that fall fairs are not successful largely owing to the busy season, and that summer shows are usually poorly supported through lack of territory, population and means. This new association will, if inaugurated, largely overcome these difficulties by combining the strength of many smaller fairs into one large radiating center, enabling it to give larger premiums, thus making competition stronger, and the different classes exhibited better object lessons for the knowledge-seeking onlooker, and this surely is the prime factor that should actuate every promoter of our fairs.

**Dairy Association Meeting.**

At a meeting of this association, lately held in Winnipeg, it was decided to co-operate with the other live stock associations in holding the annual winter convention, which will probably be held in February, after the bonspiel. The chief features of direct interest to the dairy association will be the exhibition of farm butter and also the lectures and lessons on judging butter and cheese. This is a new feature, and one that will prove of practical value to all interested in dairy work.

**A Wolf-killing Hound.**

Dr. O'Brien, of Dominion City, has an exceptional picture, which we herewith reproduce, of his Scotch deerhound "General" in the act of killing a wolf. Measurements showed that the wolf was 301 yards away when the dog started, and ran only 882 yards before it was overtaken by the dog. The dog's strides varied in length from 11 feet to 16 feet 7 inches. He stands 33 inches at the shoulder, and, single-han'ed, killed 20 wolves last winter. Dr. O'Brien has six pups from "General" and his prizewinning deerhound bitch "Jessie." This class of dog is certainly of value to stock-raisers, more especially to those who are interested in sheep, and persons desirous of buying Scotch deerhound pups would do well to read Dr. O'Brien's advertisement on another page of this issue.

*Contents considered, the "Farmer's Advocate" is now the cheapest agricultural paper available for the Manitoba farmer.*



**BARON DOUGLAS (10972) 10660.**  
Imported Clydesdale stallion. Bred by the Duke of Buccleuch, Scotland.  
NOW OWNED BY ALEX. GALBRAITH, BRANDON, MAN.



**A Prosperous Season in the Melita District.**

The past season in the Melita district has been, without doubt, the most prosperous one experienced for several years. There were some drawbacks in the spring, but these were entirely overcome, as evinced by the splendid yields in all kinds of grain.

Much of the low land was under water and unworkable last spring, and thus many farmers were prevented from seeding their best land. The spring was inclined to be cool and backward, making growth very slow, but this was overcome by the warm, dry weather which came in July, forcing the grain ahead rapidly. Wheat averaged about 25 bushels per acre, though on some farms 30 was reaped. Summer-fallow, as a rule, was a very heavy crop of straw and a light yield in proportion. Wheat was all of a splendid sample, with the exception of a small amount of late, which was slightly frosted about the middle of September. Oats yielded about 45 bushels per acre, and were sound and well filled; barley about 35 bushels per acre.

Spelt was tested by several farmers in our district this season, averaging about 40 bushels per acre. As to its value for feed, we have as yet no practical knowledge, as this is the first season it has been grown here.

As a result of the wet land last spring, many farmers sowed flax. This is also a new departure, and as to whether it will be continued or not it would be impossible to say at present. Flax averaged about 10 or 12 bushels per acre, though two farmers had yields of 15 and 18 bushels per acre respectively. Our market as yet for flax is small, only one elevator buying. One carload was shipped a few days ago.

Many farmers here are dissatisfied with the local market, and are loading directly into cars when obtainable and selling on the track, or shipping, thus realizing several cents a bushel more on their wheat.

The threshing season has been an ideal one, and enabled most of the farmers to thresh from the stook, very little wheat stacking being done. Practically all of the threshing was done before the wet weather in the latter part of October.

Our most perplexing problem this season has been the scarcity of men. We had enough for harvest, but when threshing commenced only two outfits in this district were full handed.

If we continue to confine our efforts to wheat farming, this is going to prove a serious problem. The Eastern Provinces are themselves short of farm hands, for so many of their young men are moving westward to New Ontario and the Northwest that this last two seasons wages have been as high in Ontario as here, and not only this, but year by year our needs will be growing greater. If we cannot get help to harvest our crops we will have to turn our efforts more to mixed farming, when a great deal of our work can be done without calling on outside resources. Farm hands are now being brought from England and Scotland, but it is doubtful if this will meet the demand, as they are practically all inexperienced men. This problem will have to be solved soon, yet how it is going to be done is at present difficult to say.

On account of the steady threshing season and dry fall, many farmers here have little plowing done. Stook threshing lasted late in the season, and the snow and frost closed the work about the fourth of November. J. C. N.

**Grain Act Not Enforced.**

Concerning my recent trip to Winnipeg, in company with Mr. Peter Dayman, on behalf of the Territorial Grain Growers' Association, I may say that a formal report will first be made to our annual meeting at Indian Head on Dec. 14th and 15th, before it is given for publication.

Speaking in a general way, we found the grain act being administered in a most partial and arbitrary manner. Whenever there was the least room for doubt as to the meaning of the act, it was invariably construed in a manner to embarrass as much as possible direct loading on cars, both from vehicles and farmers' elevators. The recently organized Independent Grain Co., whose interests as truck buyers are best served by a generous interpretation of the Grain Act in that respect, we found to be an important factor in securing for the farmers a fair measure of justice in the distribution of cars, such as section 58 of the amended act was intended to ensure.

W. R. McTHERWELL,  
President, Grain Growers' Association.

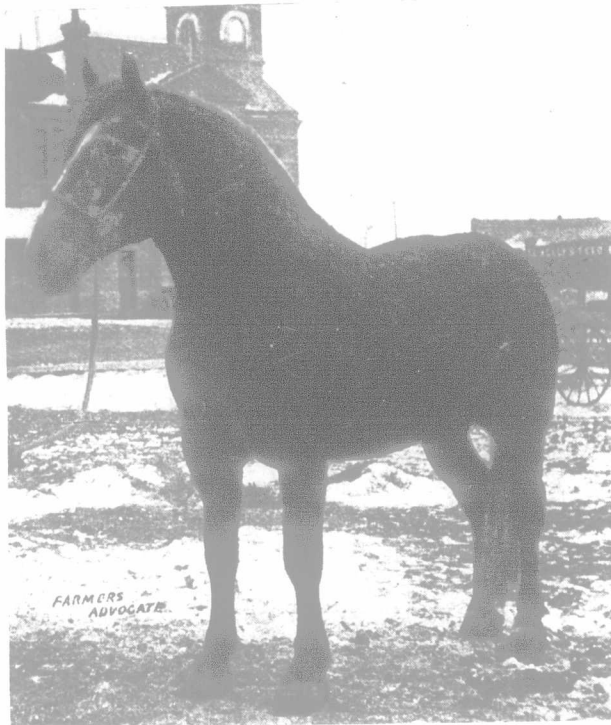
**No. 1 Hard on Way to Market.**

Having taken your paper for some time, I take the liberty of sending you a note of my own with the hope that you may find it interesting in your paper. The load contained 200 bushels of wheat, and was drawn six miles to the car by this team. R. H. MILLER,  
Lumsden, Assa.

**Short Interviews.**

Mr. Carter Davidson, Oxbow: "Is there no good dual-purpose cattle that the 'Farmer's Advocate' can recommend? We want good cattle, but haven't time to devote to the top-notchers in beef or dairy breeds." Ans.—Yes, the Shorthorn.

Mr. J. S. Grant Osler, Saskatchewan: "You need have no hesitancy in recommending this



**LIGNOR (45053)**  
Imported Percheron stallion; age three years; weight 2,075 pounds; sire Besique, dam Favette.  
OWNED BY ALEX. GALBRAITH, BRANDON, MAN.

country to men on rented farms, or to young men intending to farm."

J. J. Caswell, Saskatoon: "I am more convinced now than ever that feed is of first importance in raising good beef cattle....I have successfully grown every kind of tree known in Saskatchewan."

Rev. Mr. Burns, Prince Albert: "I have lived in Ontario and in nearly every State in the Union, but two of my best winters have been spent in Prince Albert. Cold, yes, but very invigorating."

An Iowa delegate: "When I get settled in Canada I'll sink a good deal of money in establishing a hog ranch. I think, with barley, frozen wheat and mill feeds, I can produce something first-class and at good profits in the line of pork."

Mr. A. A. Titus, Napinka: "I consider my new bull, by Greenway's bull, and out of Jenny Lind 4th, something extra for blood, and only hope that he will develop like his ancestors."

Mr. Ed. Emmerson, Alameda: "It is no trouble to grow tomatoes, currants, melons, etc., if you only know how. Sow tomato, cabbage



**NO. 1 HARD ON THE WAY TO MARKET, 150 BUSHELS.**

and celery seeds in shallow boxes of glass in March. Set in a sunny window and give them the attention. Transplant the young plants when the danger of frost is past. You will be surprised at the results. In tomatoes I use Conqueror and Earliest of All. Corn and common roses grow beautifully here.

**Graded Poultry Prize List.**

The seventh annual exhibition of the combined Poultry and Pet Stock Show will be held in the Coliseum, Chicago, in January, from the 19th to the 24th (both days included), 1903, under the management of the National Fanciers and Breeder's Association, and judging from present indications, this show bids fair to surpass all of its successful predecessors. Cash prizes, open to the competition of the world, will be in poultry department as follows:

- 12 entries in class—First, \$5; second, \$3; third, \$1.50; fourth, \$1; fifth, 50c.
- 8 entries in class—First, \$3; second, \$2; third, \$1; fourth, 50c.
- 4 entries in class—First, \$2; second, \$1; third, 50c.
- 2 entries in class—First, \$1; second, 50c.
- 1 entry in class—First 50c.

**BREEDING PENS.**

- 6 entries in class—First, \$6; second, \$4; third, \$2.50; fourth, \$1.50.
- 4 entries in class—First, \$4; second, \$2.50; third, \$1.50.
- 2 entries in class—First, \$3; second, \$1.50.
- 1 entry in class—First, \$1.50.

Cash prizes, open to competition of the world, will be paid in pigeon department as follows: First prize, \$2.00; second prize, \$1.00.

For list of specials, see premium list.

This rule of grading the prize money according to the number of entries in the different classes is a feature that has much to recommend it, and in many cases prize money would be more honorably won if this rule was carried out more extensively. It is true there would be exceptions to this, but then no single rule can meet all possible requirements. An able body of judges are employed. Premium lists will be sent out about Dec. 15, 1902. Over 10,000 copies will be issued, and it is the intention that all interested should receive one. Fred L. Kimmey, 1213 Manhattan Building, Chicago, Ill., is the secretary, and should anyone be desirous of a copy, or extra copies for friends, write him for such and same will be forwarded at once.

**Encouraging Words.**

King Bros., of Methuen, C.P.R., and Wawanesa, C. N. R., in renewing their subscription and advertising, said: "We are still having excellent results from our former advertisement in the 'Advocate,' and cannot supply the demand for boar pigs." There are many others who are reaping like results through using the columns of our paper, and many are the encouraging words and hearty handshakes that our representatives get while calling on the farmers at their respective homes.

**Moose Jaw District.**

In this district a larger acreage was under crop this year than ever before, but much of it was rather late in being sown, owing to the wet, backward spring. Later on it looked as if everything in times gone by would be entirely eclipsed; the growth was so rapid that abnormally large yields were looked forward to with glad anticipation by almost every farmer, but when the test of the thrasher gave forth decisions it was found that although the straw bulk warranted all that was looked for, yet the grain was not at all in proportion to the straw, nor yet even quite equal to last year's yield per acre. The grain, too, that happened to be late was in numbers of cases nipped with the early frost. There is considerable complaint regarding the grading, very little being allowed to pass as No. 1 hard. Yet much the greater to the common cry, dearth

When the farmer considers what he receives in return for the modest subscription to the best agricultural paper published in Canada and Northwest farmer



**Kindness to Stock.**

Of the various factors that go to determine success in the raising of live stock, whether it be the production of bone and muscle in the young, fat and flesh in the mature animal, or a large flow of milk in the dairy cow, none play a more important part than kindness. In all its branches, the animal organization is so constructed that when undue excitement or worry is caused, the energy thereby expended is lost to the economical functions of the body. Just as food is used in supplying the heat necessary to combat extremes of cold, so it is consumed to maintain nervous energy, and hence an animal must be contented before profitable returns can be expected by the feeder. This is borne out by practical experience and observation on every hand. It is only necessary to visit the well-ordered stables where the prizewinners at our exhibitions and fat-stock shows are reared and fitted to see the material benefits of good treatment.

When steers for winter feeding are first placed in the stalls, great caution should be exercised by all who are engaged in their care. Loud words should be avoided and patience exercised until they have become acquainted with their new surroundings. The man who must give expression to an evil temper by kicking or otherwise abusing the cattle, should promptly find an occupation elsewhere. Some good breeders even advocate closing the stables to all-comers after the morning work has been completed, and allowing the stock to enjoy absolute contentment until feeding time again.

In the handling of dairy cows, similar abuses abound. Heifers are made useless as milk-producers by careless or impatient persons, who, during the first days of milking, find it convenient to use the stool as a corrector, instead of such a measure of kindness and forbearance as would in a short time create within the young milker a confidence in those responsible for her training. In breaking colts to harness, too, it is invariably the rough and unintelligent driver who makes the balky horse. He undertakes to make the youngster acquire in a day, lessons that should occupy weeks, and when progress is not made as expected, the lash is applied, and fear takes the place of confidence, with a spoiled horse as the result.

Animals soon learn the disposition of their caretaker; they are possessed of an instinct which enables them to determine the extent of his humanity. Most classes have also sufficient intellect to acknowledge any kindness which they may be given, and true stockmen are those only who love their stock and take an interest in their training, feeding and care.

**Breeding the Sows.**

As most of the sows in the country will be bred in December, in order to have their litters born in April, a little consideration at this time of the most convenient methods of carrying out the breeding operations will be seasonable. Where a boar is kept for service of sows in the neighborhood, and a considerable patronage is expected, it is a great convenience for loading and unloading to have a chute built at the end or side of the building where the boar is kept. This can be cheaply built of posts and planks, and its floor should be about the height of a waggon bottom. By the use of a low hurdle of the required length, the sow may be guided into the pen, and from it to the chute. Time and trouble can be saved by the use of a breeding-box, in which the sow is placed during service. This is easily made, and is practically an ordinary pig crate about 4½ feet long, two feet wide and 2 ft. 9 inches high, with the top and the hind end left open. The length for small or large sows is regulated by having a second or sliding front, which is dropped between cleats on the sides. A bar is used across the hind end, about one foot from the bottom, to prevent the sow from backing out, and a platform made of four-inch scantling and inch boards, placed behind the crate, with cross cleats to prevent slipping, is used for the boar to stand upon if needed. If a heavy boar is in use, his weight may be supported by having side wings on the inside of the box, on which his fore feet may rest. These may be so hinged that they may be turned down if not needed, or in getting the sow in or out of the crate. The breeding-box has been described and illustrated more than once in the "Advocate," and is a contrivance of so great convenience that no breeder can well afford to be without it.

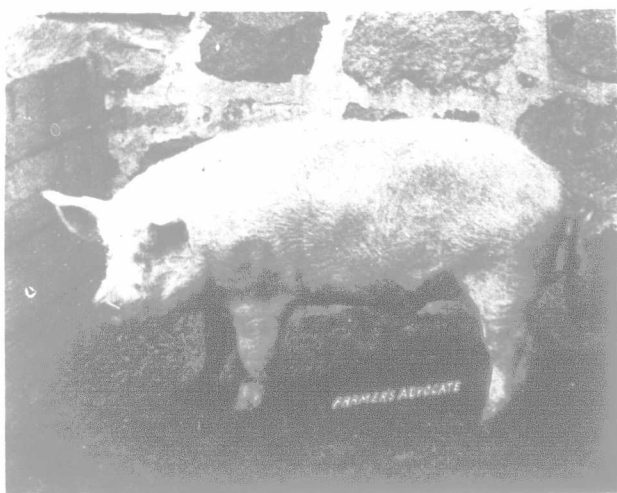
The use of a short hurdle in the pen for guiding the sow into the crate is also a great convenience. As a rule one service is sufficient, and the sow should always be kept alone in a pen till her heat has passed off. In the case of a sow that has returned more than once, a second service near the end of her period of heat is advisable.

The duty of the hour: A prompt renewal of our subscription to the "FARMER'S ADVOCATE" for 1903. Discharge the duty, and you will sleep easy.

**Canada's Interest in Australia.**

To the Editor "Farmer's Advocate":

Sir,—I have yours of June 30th. First, as to the lines on which trade is developing between Canada and Australia. The trade fluctuates in accordance with the changing conditions of the two countries, but mainly in accordance with the ability of the Canadian exporters to fill orders



**SUMMER HILL MEMBER.**

Yorkshire boar. Winner of second prize in yearling class at Toronto Exhibition, 1902. Weight at 22 months, 670 pounds. BRED BY D. C. FLATT & SON; OWNED BY F. C. SMITH, NEW HAMBURG, ONT.

and the enterprise put into the business. The direct Australian exports to Canada are small and at present insignificant. At the best, they consisted of some frozen mutton, butter and Tasmanian apples to British Columbia, and a few fur skins, hides and a little wool to Eastern Canada. Indirectly, they are more. Canadians buy Australian wool in London, and Australian skins in New York. In the latter case the skins are carried by Canadian railways past the doors of Canadian fur manufacturers to New York, and are there bought and brought back again. It seems improvident to pay expenses in New York and double freights, but the Canadians seem to like it that way. The exports from Canada are much more varied. The products of Canadian farms sent here are flour, wheat, a little oatmeal, peas, cheese, hams and bacon, and occasionally fruit green, dried and canned, seeds. Some of these lines could be increased and others at opportune times sent here, such as oats, butter, potatoes and onions.

You have not space for the reasons why they are not, but mainly it is because the Canadian wishes the Australian to come to Canada, buy and pay for the goods there, and the Australian desires that the goods should be sent out and sold here. In the meantime, while these two cautious peoples are waiting and doing nothing, the Californian sends the stuff over and supplies the market. If Canada expects to do an export trade she must pursue the policy of other nations and do her own business.

The custom returns show about one hundred

engines and machinery; plaster of Paris; ammunition; surgical instruments and dental goods; typewriters and typesetting machines; steel shingles and metal plates for roofing and interior of houses; leather hollow-ware, woodenware, etc.

Second: The classes of live stock making most progress and likely to do so. Just now, owing to the drought, none but those that in the past and that are likely to in the future are sheep, cattle, horses and swine, in the order named, with a probability that with the increase in dairying, horses and swine will change positions. Australians have displayed remarkable skill in the improvement of wool-bearing sheep, particularly Merinos. The average weight of fleece has been increased over 50 per cent. in 20 years.

Third: You ask for "The classes of animal and other products, the exports of which to Great Britain are on the increase."

Just now, owing to the drought, as above stated, practically none, but to go back to a series of years first wool. Australia is essentially a pastoral country, and is mainly devoted to the production of wool. The following table of exports will show how rapidly trade has grown:—

WOOL EXPORTED.		Lbs.
1861.....		75,019,800
1871.....		175,169,400
1881.....		361,346,700
1891.....		674,205,600

Then, owing to drought and other causes, a decline set in and the amount declined. New South Wales in 1891 contained more than half the sheep of Australia, but does not reach that figure now. In 1891 its wool clip was valued at £11,036,018; in 1900 the value fell to £7,632,213. In 1891 it had 61,831,416 sheep, to-day the drought has reduced the number to less than half that figure. Great Britain is not the only buyer of wool, but she is practically the only buyer of meat (frozen and canned), tallow, butter and wheat, hides and skins and apples from Tasmania, the other products of the land exported. A little cheese has been exported, but its production has not increased so rapidly as that of butter, which has proven most profitable. It must be remembered that I am not speaking of New Zealand, but of Australia and Tasmania only. The butter produced in the New South Wales factories increased five-fold from 1891 to 1900. The total production of Australia in that year was 112,401,496 pounds.

Lastly: The lines of agriculture the governments are seeking to stimulate. As yet the Commonwealth Government has done nothing in this respect, and the work is likely to be left to the State Governments. The lines vary in the different States. In Queensland much attention is given to the production of sugar and tropical and semi-tropical fruits; New South Wales to butter; in South Australia to wine, and in Tasmania to apples and small fruits. In all the States there is a disposition to break up the large holdings used as stations in the fertile districts to induce closer settlement. This means in the end mixed farming as in Canada. The progress has been disappointing. The Australian is a born grazer, and slow to learn the necessity of growing and storing feed for his stock and hand feeding them. The stock in the very best districts in the dry, hot times, or in the winter, are often in a wretched condition, and there are more of these seasons in ten years in Australia than there are winters in these years in Canada. The country at these times will be as desolate as the fields in Canada at midwinter. A large cheese producer told me he had been looking up the Canadian figures and was surprised to find that the average Canadian cow produced twice as many pounds of cheese per annum as did the average of his herd.

Australia has done great things in improving her sheep, but much can yet be done for her other stock. To have cast an imputation of this sort upon the Australian horse would once have been deemed here to be equivalent to blasphemy, but the South African war has taught the breeders that while they have produced speedy sprinters, they are after all going to weeds. I believe that Canada could supply pure-bred stock in horses, cattle and pigs which would much improve the stock of this continent.

L.  
Office of the Commercial Agency,  
Australia, Sept. 29, '02. Canadian Government.



**IN THE GOLDEN WEST.**

Photo taken on Mrs. A. McBeth's farm, near Prince Albert, N.-W. T.

other lines in large or small quantities imported from Canada. British Columbia sends timber and fish, fresh, salted and canned. Eastern Canada, agricultural machines and implements; cotton goods, white, gray and colored; bicycles; boots and shoes; carriages and carriage materials; furniture; India-rubber goods; pianos, organs and other musical instruments; silk goods;



Caleb jinkins : His Letter.

Jinkins Corners Nov 20 1902

To the edditer of the farmers Advocat  
dear sir,

As i was brung up on to a farm tho i haint in the farmin bisness now but is livin privit in this villege jes doin a littel es a okshineer and vallater & lendin privit fums & so 4th yet i take a intrist in farmers and nose putty ni all of em



in this township es i am allus drivin round tendin to my affares. These one man up on the 2 comesshin is a petickler frend of mine name of Simon Fraser which hes got bout the best place in the hull township tho jes a few yeers ago it was a regler skrub of a farm & you mite spouse no buddy coodint do nothin with it, but Simon haint a scotch man fer nothin es the sayin is & es the methdis preecher ses in his sermin he has jes made the wilderniss to blossim like the rose. I allus like to git a invitashin to stay fer diner wen i hapen to be up Simons way cus his wife nose es mutch bout houskeepin and cookin es Simon dus bout farmin & you git a bang up meel.



Wen i was thare one day las spring & we wus settin hevin a tawk wile diner wus gittin redy i seen a copy of yure noosepaper on the tabel and started to take a look at it. Yude dorter subscribe fer the Advocat Jinkins ses Fraser, thase splendid reedin in to it & it is jes chuck full of ideas how farmin dorter be did to make it pay. it hes did more fer me then eny thing i kin menshin and reedin it rogler is bout es good es goin to the Colege in guelf, he ses. Wel at fust i dident care bout suskribin es i haint farmin but wen i took a glants throo the paper i cum to the conclooshin i cood git moren a dollars wuth outen it so i ses you kin put down my name Simon & heer is the cash. So he dum it & i hev bfn gittin the Advocat sense that time & it hes woke up my

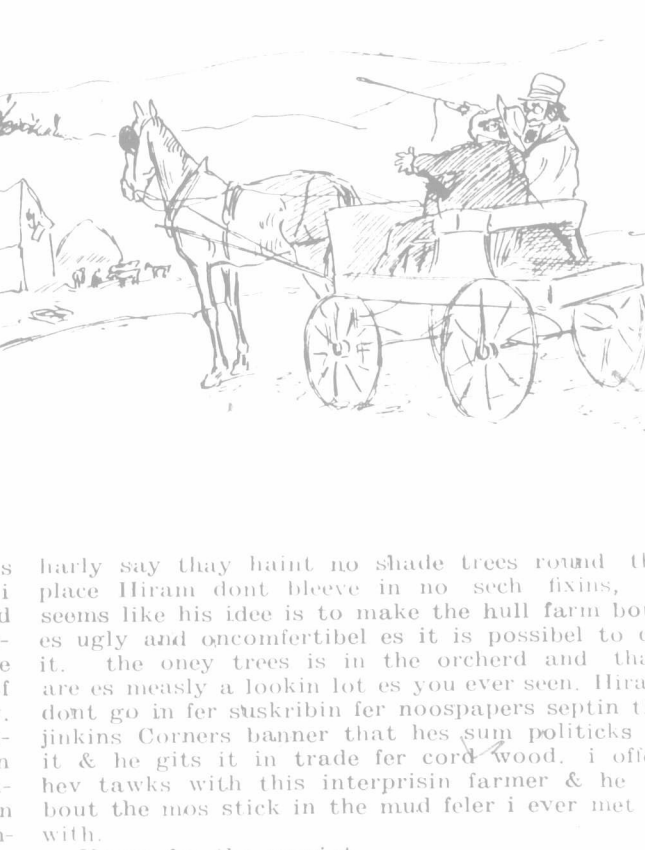


intrist in farmin affares and so the idee cum into my hed that i will rite you some letters occashual to tell you bout my observashins among the farmers of this sekshin. i kin stan up to say that they haint menny of em up to the Summ in the earth & i gess it must be becus in ginnel the land out take yure noosepaper sames he dose. I allus like in this jes fer a compelmint to you fer it. I gess es a pike staff thet if a farmer dont recd and

keep postid on his bisniss he cant keep up with the prosseshin. thase a noshin goin round thet eny feler kin run a farm if he hes good helth and haint afrade of work but it dont need no branes ner studdy. This haint troo not by no meens. septin sech a farm es hiram Snaley runs only he dont run it he walks it and mitey slow at that. i hev node Hiram ever sense he cum to the township and took up his land arid wen eny vissiter cumms to my dwelin house and wants me to show him the sites round jinkins Corners i hitch up and drive him out to Snaleys place jes fer a joke. I tell him it is wuth wile fer him to see how farmin diddent otter be did and he cant find a better sampel of it nowares else. I drive up to the top of the hill ware we kin git a good look & then i pint out the objecks of intrist es you mite call em to the stranger & i bleeve it is a improovin ockashin es the methdis preecher ses. The fenses is down in sevril places & ware thay haint down thay air patcht up with stumps & rales and bits of borde & branchis of trees and looks regler tom tothery. Then i pint my wip stock at the barn & the vissiter ginerly busts out same es the barn is. The roof looks like its back is broke and the doors is hangin of with big holes in em ware the planks hes drapped out & haint bin put in agin. You kin see sum scrubs of cattel feedin round the straw stack & wen i showed em to one feler frum the States which was a joker he ses dus Mister Snaley manifackter cattel hear. i ses no but he allows to breed em sum. O he ses i sposed he manifackterd em and wot we see is the frames put out thare to git seesind. the barn yard is allus cluttered up with a lot of ole broke harrers and waggins & so 4th and the dwelin house hes got a tired out look to it. Of corse i neent



harily say thay haint no shade trees round the place Hiram dont bleeve in no sech fixins, it seems like his idee is to make the hull farm bout es ugly and oncomfertibel es it is possibel to do it. the oncy trees is in the orchard and thay are es measly a lookin lot es you ever seen. Hiram dont go in fer suskribin fer noosepapers septin the jinkins Corners banner that hes sum politicks in it & he gits it in trade fer cor& wood. i often hev tawks with this interprisin farmer & he is bout the mos stick in the mud feler i ever met in with.



Yurne fer the presint  
Caleb jinkins

Canadian Hackney Wins Championship.

At the New York Horse Show last week, a Canadian exhibitor, Mr. Robert Beith, M. P., Bowmanville, Ontario, was successful in winning with his imported three-year-old chestnut stallion, Gribthorpe Playmate, the first prize in his class, and also the championship and challenge cup, as best Hackney stallion, any age, in the show. His chief competitor for this trophy was Robin Adair II, who won the challenge cup last year, being then owned and shown by Mr. Beith, and now the property of Mr. Mitchell Harrison, of Philadelphia. These are signal triumphs for a Canadian exhibitor, and Mr. Beith is to be congratulated on his achievements in this line. The champion is by Garton Duke of Chestnut. Among the other Canadian winners were Mr. George Pepper, and Crowe & Murray, of Toronto, and Mayor Beck, M. P. P., of London.

The estimated shipments of celery for the year 1901-02 are put by commercial sources at 1,200 carloads, against 1,100 in 1900-01, and 700 carloads in 1899-1900.

How to Feed for Winter Eggs.

To the Editor "Farmer's Advocate":

As the profitable season for egg production is at hand, the wide-awake poultryman will do well to use every available means for an increased egg yield. A few hints from my own experience may be of benefit to those interested:

Granted that clean and comfortable quarters have been provided for the laying stock, the greatest importance should be attached to the method of feeding, as it is here that most failures are found. The hens may apparently be in the best condition for laying, yet the egg-basket remains empty, and the owner wonders. To get at the root of this trouble, we must have some knowledge of the laws that govern the formation of an egg.

Scientists tell us it is composed principally of two elements, viz., nitrogenous matter and carbonaceous or starchy matter. If we fail to supply the hens with such food as is necessary to form these elements, we cannot expect to get eggs. It is essential that the rations be so balanced that they may be rich in those constituents of which the egg is composed. Most grains are rich in starch; for instance, corn contains eight times as much carbonaceous as nitrogenous matter. Barley, oats and wheat contain about six times as much. We do not have to go very far to prove by actual practice that the difference between these two elements in a grain diet is too great. This is what causes the cry we sometimes hear, that farm poultry do not pay.

It is plain that we must supplement the grain ration with other foods rich in nitrogenous matter. Mangels, turnips and cabbage will add a little; and as they contain over 90 per cent. of water they will aid in keeping the fowls busy without danger of overfeeding. But the ideal food available, which has the greatest proportion of nitrogenous material, is animal food. If allowed their freedom during the warm seasons, they will provide this for themselves in the form of earthworms, insects, etc., but when the ground has become frozen it must be furnished for them, if we wish to get eggs when prices are high. In some localities it is difficult to obtain a supply. However, if there is a butcher-shop in the neighborhood, plenty of meat and bones may usually be had quite cheaply. Let me describe my method of preparation, which I think for ease, cheapness and good results has yet to be surpassed. I secure several beef heads, the carcasses of two or three calves, and anything else that may serve my purpose, and that is often found around a slaughter-house, cut them up into pieces, and boil in a caldron, bones and all; continue boiling until the whole has become soft and crumbled. Then pack solidly in an old salt barrel, and allow it to freeze. When it has frozen hard, knock out the bottom and roll into one corner of the hen-house. By this means the fowls will always have plenty of animal food, and besides they will have to work to get it.

I prefer to let the hens balance their own rations, as they will naturally do it much better than any one can possibly do it for them. Furnish the necessary materials and they will do the rest. I always feed grains in a litter 10 or 12 inches deep, as this insures plenty of exercise. The mash should not be fed during the forenoon, as some will get too much and spend the rest of the day on the roost. As the eggs are generally laid during the early part of the day, it is best to feed the mash at three or four o'clock in the afternoon.

In regard to the quantity of feed required, much depends upon the judgment of the person in charge; remembering that for best results the fowls should not be kept too fat, or too lean. Only a hungry hen is a good layer. When not on the nest they should be scratching for food. Do not forget to furnish some grit with the food. In preparing the pen for winter, I draw a wagon-box load of gravel, not too coarse, and spread over the floor. The hens will easily find it when scratching among the litter. Lime in some form is also a necessary article in a poultry outfit, as it is required in the formation of shells. As it is generally difficult to keep a supply of bone for this purpose, I prefer crushed oyster shells, which, I believe, are cheaper and more effective. Lastly, but by no means the least important, is clean, fresh water. See that the fowls have plenty of it, and that it is changed sufficiently to take off the stale taste. HUGH McKENNEY.

A New Pacific Fleet.

The United States Navy is making a new transcontinental fleet, and it is made that the Pacific Ocean is the theatre of the development of the development of the development, which will in the development of the development. More development of the development between



**The "Executive" Resolution of the Western Stock Growers Criticised.**

To the Editor "Farmer's Advocate":

Sir,—I notice in the November 5th issue of the "Advocate," just to hand, an article headed, "Range Stock at the Boundary," and I wish to say that if this inspiration emanated from the "Advocate" editorial staff, it is well that the friends of that journal in the Western ranges knew just where you are at. If the article in question came from a Western source, it were better to have printed it as such.

The question of American cattle of the Canadian range has been a sore subject with most of our Western ranchmen for many years, and it was only by long-continued agitation on their part, and after careful enquiry from Government officials, that action was taken by the Government in the instance in question, and our people begin to see, by such action, an abatement of the gross abuse of the rights of Canadian people by American ranchers. It seems somewhat strange that the "Advocate" should take the side of the Montana rancher without first giving the subject the consideration and enquiry to which it is entitled, and, seeing that the article in question has been published and will be circulated both east and west, it might be well for one who has given the question much thought and attention and has gathered his information on the ground from Canadian ranchers, the people most interested, to set out the facts in connection with this question, and leave the public to judge whether the action of the Government in making a seizure is warranted by public opinion or otherwise.

First: Let us turn our attention to the article in question. I venture the opinion that it was not written in the office of the "Advocate," but in the office of "The Executive" of the Western Stock Growers' Association at Macleod.

Second: The resolution was passed by "The Executive" only of this Association, after strong opposition of Mr. Bray, the representative from Medicine Hat, and does not represent the opinion of that Association, and I doubt very much if such Association, controlled as it is by its Executive Committee—W. F. Cochran, President; Mr. Smith, of High River, 1st Vice-President; Dr. Warnock, of Macleod, 2nd Vice-President; Mr. Springott, of New Oxley; Mr. Harris, of Lethbridge; and Mr. Bray, of Medicine Hat—most of them friends and allies of Mr. Harris, manager for the Conrad Company, owners of the O cattle, and Mr. Brown, owner of —H cattle, and the other large Montana ranchers most interested in this seizure, would pass the resolution in question. It is certainly a fact that no such resolution would be passed, or even entertained, by the Cattle Growers' Association at Medicine Hat.

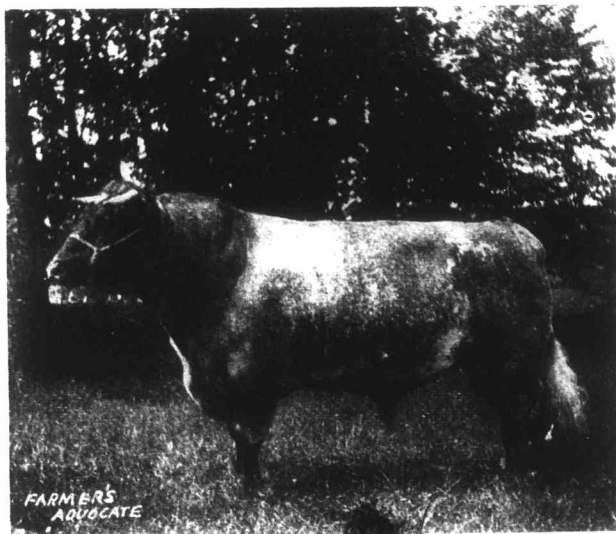
The members of this Executive are resident at Macleod or in that district, and the cattle of that district range west of Range 20, west of the 4th Meridian, a district very seldom reached by American cattle, so that, as a matter of fact, the people who have presumed to pass the resolution in question are but little affected by the American invasion, as the country practically possessed and solely ranged for years past by them lies far to the east and south, where the brands of the gentlemen in question are seldom, if ever, seen. Thousands of cattle on the Montana ranges are annually driven north to the neighborhood of the Sweet Grass Hills, in that State, and drift into Canadian territory from Coult's, east, and Coult's being in Range 15, west of the 4th Meridian, it is, therefore, hard to determine why the gentlemen at Macleod are being so stirred up, save it is at the solicitation of their personal friends, Mr. Harris and the Conrads, who have cattle on both sides of the International line, but which range at will in Montana or Assiniboia without being bothered by the customs authorities of either country. Indeed, to obviate any trouble from United States authorities, they, in 1897, had an act placed upon the statutes of the United States permitting American cattle to graze in Canada for six months of the year, and then to be brought back into the United States free of duty. This is a fair sample of, to use a vulgar expression, the "gall" of these people. This fact, however, is most convincing proof that it was and has continued to be their practice to pasture their cattle on Canadian ranges. As against this, might I ask, who ever heard of a Canadian rancher pasturing his cattle on the Montana ranges? It is a rank absurdity, as there is hardly enough grass on the Northern Montana ranges during the average season to feed a jack rabbit, the sheepmen having driven the cattlemen out of the business, the only survivors being virtually those who own their own ranges and those who are pasturing their cattle in Canada. How absurd, then, is the statement in the article in question: "It is probably the case that, though there may be a good many American cattle on this side of the line, there are still greater numbers of Canadian cattle on the other side."

A fair estimate of American cattle on the Canadian ranges in the summer of 1902 is from 12,000 to 15,000, and 10,000 is certainly well within the mark. It therefore follows, if we are to put any reliance in the article in question, that there must be some 12,000 Canadian cattle in Montana, having drifted there from Canada. If such is the case, there are many Canadian owners who would be only too glad to know whether the notice came through notice of seizure by customs dues or otherwise.

Let us, however, examine this statement somewhat more closely, when it will be quite evident that the

foundation for the statement existed only in the imagination of the writer of the article.

It is the custom of the Montana Cattle Association to ship all Canadian cattle found on the American range to market, and as all American markets of range cattle have inspectors, whose duty it is to inspect and enter every brand on every animal marketed, together with weight and price at which it is sold, and as these inspectors are furnished with a list of all registered brands, whether Canadian or American, and as returns are made to the Association shipping such



**CHALLENGER.**  
A British bull, the sire of some Short-horn emigrants.

cattle, with the proceeds of such sales, less duty, freight, commission and expense, it is quite evident that the Montana Association (if we are to take any stock in the article in question) would have a large sum for forwarding to our Canadian Associations for distribution among our Canadian ranchmen for their cattle marketed by our American friends. What, however, are the facts? Up till the 15th of October, 1902, for the present season, there has not been a return made to the Association at Medicine Hat for a single animal marketed. As my knowledge does not extend to the Macleod Association, I should be glad to hear from the secretary of that Association on this point.

Now, as to the matter of "retaliation," so feelingly spoken of. Let us see how the cap fits the American friends of the Macleod "Executive." Three or four years ago, Messrs. Spencer Brothers, who were large Montana ranchers and who owned valuable ranches in Montana, found themselves being forced out of the business by the steady and ever-increasing encroachments of sheep ranchers, came over into Assiniboia and leased from the Canadian Government some four townships in the Milk River district, east of Coult's, and brought over some 1,200 head of breeding stock and calves, purchased some five or six thousand head of stockers in Manitoba, and went extensively into the ranching business in Canada, winding up their Montana business as their cattle left there grew into beef and could be marketed. They were the right class of

American friends, the interested friends of the Macleod Executive, laid an information before the United States Customs authorities, that Spencer Brothers were smuggling Canadian cattle into the United States, and had a number of their cattle, which were being shipped to the Chicago market, seized for duty, and before the cattle in question could proceed on their journey to market, the Spencers were compelled to deposit a large sum, pending enquiry and settlement of the case. This was done. Inspection of the cattle at St. Paul and Chicago failed to find a single Canadian animal in the bunch. They were, as a matter of fact, part of the remnants of their Montana range stock, and were so found to be. The United States authorities refunded the money deposited. So much for the attention of our American friends by way of retaliation. They were, however, not satisfied, and while the laying of informations was easy, they went further, and laid one against the same people with the Canadian Customs Department, alleging that Spencers had smuggled some 1,000 head of American cattle into Canada, and for some four or five weeks an extensive round-up outfit, furnished by Mr. Lane, a Macleod friend, with American cowboys as experts, furnished by our friend, Mr. Harris, and others, banged the Spencer cattle, and other Canadian cattle with them, from one end of the country to the other in the attempt to find the thousand head of smuggled cattle. With what result? They could not find a single animal that had been smuggled. They rounded up some 150 strays, part of the remnants of their Montana cattle, and the number that had been duly entered and duty paid on, less the natural range loss. This round-up was held under the supervision of Capt. Dean, of Lethbridge, and an officer of the Customs Department, brought from Nova Scotia or New Brunswick, and what he didn't know about range cattle would fill a book. These officers in the course of their duty (?) seized some 600 cattle, as reported by them in the Lethbridge News and Ottawa papers. Of these, 150 were found to be American strays, bearing only American brands, and the remainder were held as being one, two or three months older than the cattle which had duly entered for duty would be, although, by actual count, a less number had been rounded up than had actually been entered for duty. A mouth examination of the cattle was demanded, to determine their age, and was refused by these officials, evidencing the determination to secure a conviction by what end.

A significant feature of this round-up is that it was held by officers searching for smuggled cattle, and, although they naturally worked between five and ten thousand other American cattle during this round-up, they were unable to see any of them, or, at any rate, to hold them for duty, and I doubt whether any report reached Ottawa authorities regarding the other American cattle encountered. Another significant feature was that during such round-up, the round-up camp was supplied with American beef, bearing the O brand, killed on Canadian soil, and I doubt if the records of the Customs Department show any evidence of this beef being entered for duty.

This is the treatment accorded a ranching firm who had shaken the dust of Uncle Sam from off their feet and settled on Canadian soil. Why, forsooth? Because they had leased and were paying rent for the grazing lands which for years had been at the free disposal of the men who laid or were instrumental in laying those informations, and for the laying of which there was absolutely no foundation in fact. "Retaliation!" Ye gods and little fishes!

For years the Montana owners have been allowed with their round-up to come and go over the Canadian ranges at will. They gathered such of their cattle as they pleased in mobs of thousands. Everything bearing an American brand, or the semblance of one, was driven to the boundary line. There the beef was cut out and shipped and the remainder allowed to drift back. The small owner was at their mercy, and luckless he if his cattle crossed their path. They went with the mob, and he had to keep a civil tongue in his head at that. There are some 150 owners having Canadian cattle running on our ranges whose brands are identical with brands of Montana owners, and as these cattle are driven over the line without inspection or hindrance by Canadian authorities, is it any wonder that our ranchers are indignant at the latitude allowed? He is helpless; and on one of these luckless ones remonstrating with a police officer for not stopping a round-up from taking off some of his cattle, he was



**BALLVHOOLEY RANCH.**  
Home of Mr. C. H. Hooley, De Winton, Alberta.

settlers, and our Government was very anxious to get them. They were the forerunners of many American ranchers coming into our Northwest. They, however, settled in a district which our American friends, from long and uninterrupted possession, had come to look upon as their especial property, and when the Spencers, as American cattle drifted in on their ranges, drifted them back south, their action was resented, and our





STOCK PARADE, CALGARY FAIR, 1902.

kindly told "that he had better keep quiet or they would drive them all off." It is further within the writer's knowledge that a certain police officer went so far as to warn a party, who was having trouble with American owners, that the Montana Association had \$100,000 in their exchequer, and it would be better for him to keep quiet or he would be crushed. This looks as though the Montana cattle kings' money was being used to some purpose. Patience is a virtue, but it ceases to be one when up against the colossal assurance of the average American round-up foreman or some police officers.

Since the Spencer seizure, the American round-up has been on Canadian territory most of the summer and fall and taken out, free and unmolested, successive bunches of cattle; have cut out their beef at the boundary; have shipped them to the Chicago market; branded their calves; and those unmarketed are now sent back to their usual range in Canada, and our small ranchers along Milk River and south who close hold their small bunches of cattle, though riding night and day, are at the mercy of the American invasion. The Montana cattlemen have riders stationed at Canadian police stations, some nine or ten miles north of the boundary line, whose ostensible duty it is to keep American cattle back, but whose orders are and whose real duty is to keep American cattle on the Canadian ranges; and I make this statement knowing that I can prove it from admissions made by the line-riders themselves, and I make the further assertion, and have proof to back it up, that these same line-riders have gone so far as to order the settlers in the Milk River district not to interfere with American cattle that were on their ranges. Surely there is a limit to all things! We think the limit has been reached. A year ago, the ranchmen on the Milk River, from Coult's east, and those north as far as Medicine Hat district, to a man, petitioned the Dominion Government to build a fence on the International Boundary, between a point east of Coult's and where the Milk River crosses into Montana, and what was the result? Immediately a howl went up from interested friends in the Macleod district, at the instigation of their Montana friends who had cattle grazing at will on both sides of the line. This fence would keep Montana cattle out and Canadian cattle in. That suited the people in Assiniboia, but not those in a section of Alberta and Montana, and although all progressive ranchmen who have any lease are fencing to hold their cattle from drifting in winter and to provide winter pastures, reports were sent to the cattlemen. Their fence would be a terrible thing to the cattlemen. Their stock would drift into it in storms and die by hundreds, and all such tommyrot. To keep out American cattle was the Assiniboia ranchmen's idea of a fence, but if a continued seizing of American cattle for customs dues answers the same purpose, well and good, we can get along without the line fence. The other fellows then may have to build it to protect themselves. Now that the Government have made a seizure of a small bunch of beef cattle, Montana's cattle kings have started to roar. Mr. Brown—the same Mr. Brown who is owner of - H Montana cattle, but whose principal range is in Canada—openly boasts of having succeeded in getting the State Department at Washington to interfere in restraining the Customs Department at Ottawa from proceeding in the question. Future action by the Ottawa authorities will probably teach Mr. Brown that neither he nor the State Department at Washington is in power at Ottawa. The shoe is on the other foot. The paper is bitten. Their pastures free are free no longer, and the present attitude of the Government being unambiguous, we will see an immediate rush of Montana cattlemen to Canadian ranges. And thus will our back be saved and a revenue from them established.

The writer is a member of the Milk River Cattle Company, whose range is on township two, ranges nine, ten and eleven, west of the 4th Meridian, and it is within the knowledge of the writer that during the first half of the month of October, in the present year, upwards of three thousand head of American cattle were turned in on township one, range ten, and the

remaining cattle rounded up were left in Canada, and that after the round-up in question had passed through the district worked on that occasion, numbers of breeding stock and stock that was not beef were left just where they were, showing further that the annual moving of cattle across the line, as is supposed to be done, is only a pretense.

Ordinance No. 22, of 1897, of the Northwest Territories, provides: That no bull, nine months old or upwards, shall be permitted to run at large, save between the 1st of July and 31st of March in the year following.

This is a good law, and was passed by the members of the Legislative Assembly with a knowledge of the requirements of the ranching industry, and doubtless a number of our own ranchers have paid the penalty in fines for the violation of that ordinance. There are at the present time, and have been continually for years past, hundreds of bulls, both scrub and otherwise, but mostly otherwise, the property of Montana cattlemen, ranging in the Northwest Territories at all seasons of the year, with the full knowledge of our mounted police officials, in direct contravention of this ordinance and to the inestimable damage of our own ranchers. Yet, who ever heard of a Montana owner or his bulls being interfered with in any way. It is, apparently, law to a Canadian, but no law to an American.

"Canada for Canadians" is a fair cry, but Canada for Americans, voiced by the Canadian press, is far from fair, and I trust that when the "Advocate" has given the question the consideration that is due it, it will see fit to reconsider its expressed opinion that the action in the present case, taken by the Customs Department, was a "diplomatic error."

Brandon, Man., Nov. 12, 1902. A. E. PHILLIPS.

### The Dairy Outlook.

Never in the history of dairy farming in Canada was a more favorable summer and autumn experienced, or the business more profitable than this year, and never has the prospect for that industry been more encouraging. The returns from the export of Canadian cheese and butter the present year will, it is confidently estimated, reach the record of \$30,000,000. Ten years ago it was less than \$10,000,000. What other branch of farming has in the same time come near making such a showing in the upward trend of its course? Since the steady demand and the good market for young hogs has evidently come to stay, the sow and the cow have proved the farmers' favorite reliance for profitable production. Our export returns for hog products last year totalled close to \$12,000,000, while ten years ago they were but little over \$1,000,000. Dairying and hog-raising fit into each other admirably, as there is no other food so suitable for young pigs as skim milk, while the next best thing is whey from the cheese factory. These by-products of the dairy, which would otherwise be largely wasted, go far towards growing the pigs, which, in little more than half a year from birth, go off as money-makers with a reasonable certainty. The labor question is liable to be raised as an objection to dairying, but can any class of farming be made successful by the average farmer without labor? And what line of farming will pay better returns for the labor bestowed upon it, or what

line of farming will so well contribute to keeping up the fertility of the farm as dairying.

These things, and all other indications, point to a steady demand and profitable returns for the dairyman, while improved farm buildings and facilities for carrying on the business with a greater degree of comfort and cleanliness, which are within the reach of most farmers, helps to make the work less irksome, and may with patience and good management make it a pleasurable occupation. A herd of well-selected and well-kept cows and young cattle is a source of solid satisfaction and pleasure to one who loves animals, and he who does not is to be pitied.

Those who are in the dairy business will do well to stay right in it, because it is safe and sure, and they will do well to pay more attention to the character of the cows they keep, testing them to ascertain whether they are money-makers or merely boarders, paying only for what they eat and contributing nothing to the profits. Good cows pay well for good feeding, giving profitable returns for what they get, and the only way to get the best out of a cow is to see that she is regularly supplied with good feed and kept comfortable.

### Western Cattle for Ontario Feeders.

It has been announced that an experiment will be conducted in Ontario this winter to determine the possibility of finishing Western steers at a profit before being shipped to the British market. Twenty-four grades from the Northwest Territories have been purchased for the purpose, and will be exhibited at the Guelph Fat Stock Show, after which they will go into suitable fattening quarters somewhere in the Province.

### Coming Our Way.

An American exchange announces that Conners Brothers, heavy owners of cattle in the Spearfish district, are contemplating the removal of several thousands of their stock to British Columbia owing to the crowded condition of the South Dakota, Wyoming and Montana ranges. This is the second large firm to move into Canada from the same feeding ground.

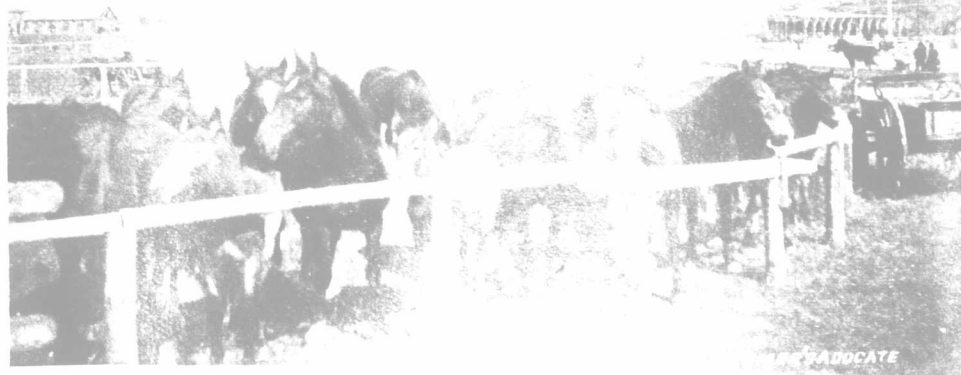
### Barnardo Homes.

An attractive monthly periodical, "Ups and Downs," is issued from 214 Farley Ave., Toronto, Ont., under the auspices of the Barnardo Homes, which have done so much for the introduction of Old Country youths into good Canadian homes, where they have grown up to be useful and successful members of society. It has been a grand work, and the periodical is well worth seeing. Send for a sample copy.

### Where Britain Buys Horses.

During the first nine months of the present year, England bought from Canada 1,685 horses, from the United States 6,142, and from other countries 20,260. This was an increase for Canada over the same period of last year of over 600; a decrease for the United States of 11,097, and an increase for other countries of 3,968.

The Chicago Live Stock World describes as "facetiousness" the recent allusion by the "Farmer's Advocate" to a Washington bulletin labelled "American breeds of cattle," but which contained descriptions of the well-known British breeds, and then asserts, "American breeders are, in fact, striving to get away from English and Scotch types." Their zeal in "getting away" is manifested by continued purchases by American breeders of imported cattle, and the success of their buyers at the recent sales in Great Britain. American experts can doubtless enlighten the World man on how to keep up the march of improvement in their cattle.



RANGE-BRED DRAFT HORSE, CALGARY FAIR GROUNDS.



**Mixed Farming in the Territories.**

Peaker Bros.' farm, of Yorkton, Assa., consists of 1,120 acres, 300 of which are under cultivation. This year 80 acres was sown to wheat and 140 to oats, which threshed out over 9,000 bushels. The land sown to wheat is always a summer-fallow, which is done with one plowing and kept free from weeds by constant cultivation. This method has proved a success. After the wheat, two crops of oats are grown, then summer-fallowed again, thus a quarter of the acreage under cultivation is summer-fallow. No attention has been given to grasses, as until this year an Indian Reserve, close at hand, has afforded plenty of hay and pasture. A considerable quantity of swedes and mangels are grown for the pure-bred stock, while the grade cattle are wintered chiefly on hay and straw. The herd numbers about 150, and 16 of these are pure-bred. The grade cattle are all the offsprings of some ten or twelve cows which were bought when Peaker Bros. came to the Territories some fifteen years ago. From the first pure-bred Shorthorn bulls have been used. The first investment was a son of the Booth bull, Prince Arthur, sired by Binscarth, succeeded by one of the Marchmont herd, a son of Daisy Earls, sired by Gravesend's Heir 2nd; then followed a Missie sire. During the last three years Barmpton Chief, an Indian Chief bull, has been the head of the herd, assisted by Sittyton Hero 14th, a half-brother to Greenway's champion. These bulls have left their stamp upon this herd, as has been proved by the large number of prizes won at the local shows.

**QUESTIONS AND ANSWERS.**

1st.—Questions asked by bona-fide subscribers to the "Farmer's Advocate" are answered in this department free.  
 2nd.—Our purpose is to give help in real difficulties; therefore, we reserve the right to discard enquiries not of general interest, or which appear to be asked out of mere curiosity.  
 3rd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer, as a guarantee of good faith, though the name is not necessarily for publication.  
 4th.—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

**Veterinary.**

**SWOLLEN UDDER.**

I bought a cow seven months ago; she had a hard swelling on front of udder, on right side, and did not milk from that teat; the swelling burst and healed up, but a much larger swelling has since come in front of udder; it is hard and about 12 in. diameter. Would you please give treatment? How would it affect her for raising calves or for beef?  
 X. Y. Z.  
 Brandon, Man.

Ans.—The swelling is probably the result of a severe attack of mammitis (garget). If the cow is otherwise healthy and in good condition, the affection of the udder would not materially affect the beef; but if the secretion of milk is considerably minimized, it would be injudicious to breed her. Clip the hair closely from the skin, and paint the parts three times a week with strong tincture of iodine: Iodine, six drams; iodide of potassium, three drams; alcohol, four ounces. Give internally, in mash, morning and evening, for ten days: Hyposulphite of soda, four drams; nitrate of potassium and powdered gentian, of each, two drams.

**LUMP ON LEG.**

Horse, 7 years old, has hard lump about 4 inches long on back of near hind leg, just above fetlock. When first seen was smaller, and did not seem to affect him; now he is very lame. He is in good order. Give cause and cure?  
 WAPELLA.

Ans.—If you had mentioned how long it is since you first noticed the lump, it would have very materially assisted me in diagnosing its nature. It probably results from a sprain of the sesamoid ligaments or of the perforatus and perforans tendons. Cut the hair closely from the parts, and rub smartly in with the hand, for ten minutes, the following blister: Bismuth of mercury and powdered cantharides, of each, two drams; vaseline, two ounces; mix. Repeat the blister in three weeks.

**SWOLLEN LEGS.**

I have horses that are troubled with their legs swelling, and I understand Fowler's Solution of Arsenic is the proper remedy. How much should I give, and for how long? Also, can I get the solution in any drug store?  
 F. A. A.

Ans.—A one-ounce dose of Fowler's Solution of Arsenic is the proper quantity for an adult horse; it may be given in food or water, night and morning, for two weeks. Any good drug store will keep it.

**Miscellaneous.**

**POWER FOR GRINDING GRAIN.**

Which is the most suitable power for grinding feed and cutting firewood?  
 A. T. R.  
 Ans.—Without knowing something concerning the requirements of your special case, more than the above question gives, it is almost impossible to answer in a manner best suited for your needs. A good windmill will answer this purpose, provided you can have the cutting of the wood done at such times as the wind is strong. A small gasoline engine would do the work admirably and could be so arranged that wet or stormy days could be utilized.

**BOOKS ON ENGINEERING AND BLACKSMITHING.**

1. Where and at what price can I get the best books on (a) engineering, (b) blacksmithing?

Ans.—Messrs. Munn & Co., 361 Broadway, New York City, will be able to supply the books you wish, but as to price we cannot answer without knowing what kind of engineering you have reference to. Be sure when writing Messrs. Munn to state as clearly as possible exactly what you want.

2. If A and B have their farms joining the road fenced and there is an impassable slough between, can C cut his way through the fence and not be liable if forbidden?

Ans.—No.

3. Are there any special laws covering a traction engine? Can it pass through a fence for a short cut when possible to go around?

YOUNG ENGINEER.

Ans.—No.

**REGISTRATION OF CLYDESDALE.**

1. How many crosses does a Clydesdale mare require to register?  
 2. When was the standard set last?  
 3. What does it cost to register a mare?

Ans.—1. In the rules governing entries in the Canadian Clydesdale Studbook, as printed in the front of each of the eleven volumes issued, we read Clydesdale stallions and mares will be admitted to registry as follows: (1) Clydesdale stallions or mares by sire and out of dam both recorded in the Clydesdale Studbook of Canada. (2) Clydesdale stallions having five top crosses



FARM HOME OF PEAKER BROS., YORKTON, ASSINIBOIA.

with their dams on record, and Clydesdale mares having four top crosses, in each case by sires recorded in the Clydesdale Studbook of Canada.

2. Vol. 1 was published in 1886, and there has been no change in the standard since.

3. To members \$1, to non-members \$2. Membership fee is \$2 annually.

**FEEDING WHEAT TO STOCK.**

1. Can you inform me how to obtain the best result from feeding wheat to small pigs, colts and calves, or even to grown stock, such as horses?

2. Can the same results be obtained from feeding whole wheat as from feeding bran, and what proportion is equivalent to bran?  
 C. F. K.

Ans.—1. To obtain the best results in feeding wheat to growing stock, such as young pigs, colts or calves, it should be mixed with some other concentrate of lighter weight, easier to digest. For pigs under three months of age, an equal quantity of ground oats, with the hulls removed, by sifting, will give good results, and for calves, the same might be given without the hulls being removed. In feeding colts, it is unwise to allow wheat to enter to any extent into the bill of fare. It is too likely to impair the digestive organs, and since ground oats are known to be so satisfactory, no risk should be run with wheat.

2. At the North Dakota Experiment Station, whole wheat was fed to work horses for some time, and although they gained in weight, it was with the greatest difficulty that indigestion was averted. This has been the experience of most practical men who have tried it.

Since wheat and bran differ considerably in composition, and also in their action upon the animal body when consumed, no real comparison as to their value can be made. For example, if either were to be fed alone, which, of course, would not be judicious, wheat would give the best returns with fattening stock, while for growing animals, in most cases bran would be preferable.

**WHITE HAIR ON SHOULDER.**

I have a colt, bay in color, but the hair on his shoulder has become white through hard work. Is there any way of restoring the original color?  
 T. G. C.

Ans.—No method has yet been discovered, according to our knowledge, whereby hair so colored may be restored to its original shade. When the hair-roots have been disturbed by wounds on any part of a horse's body, and it is feared that white hair may grow in, some claim that it may be prevented by the application of an ointment, made of burnt leather and lard, if applied just as the wound has become nicely healed and before the hair has begun to appear.

**COLORING COLT'S HAIR.**

We have a valuable yearling light-chestnut carriage colt, having a silver mane and tail and a white face. Can I get a dye that will color the mane, tail and face, and not be injurious to the hair?  
 SUBSCRIBER.

Ans.—The color of animals' hair is regulated by the pigment which is contained in minute cells in the epidermal layer of the skin, and hence any dye which might be used can only have a temporary effect and would require to be continually applied. The ordinary dyes of commerce, we judge, could be used without danger, but dyeing hair on living animals is neither profitable nor judicious.

**REGISTRATION OF STOCK.**

Kindly give particulars as to registration of pure-bred stock, especially sheep. In buying stock at an auction sale, are there any papers the buyer is entitled to?  
 N. R. J.

Ans.—In all cases of the auction sale of stock represented to be registered, the buyer is entitled to a certificate of registration, duly signed by the Secretary of the Association under whose authority the herdbook or record is kept. Most of the pedigree records for sheep in America are kept in the United States, but in nearly all such cases Canadian breeders are represented by one or more members on the executive board of the breed association controlling the registry. Full particulars and rules in printed form may be had by applying to the secretary of such association. In the case of the sale of stock, either by auction or private treaty, represented to be "eligible to registry," the seller must give to the buyer all necessary information and sign

all necessary papers to enable him to have the animal registered in the record to which it has been represented to be eligible. In that case we are not aware that there is any established rule as to who shall bear the expense of registration, unless a promise to do so has been given by the seller. It is well always in a bargain to have a fair understanding on this point, and better to have a written agreement.

**COUGH IN PIGS.**

Can you give me any advice what to give pigs for a dry cough? They have been fed shorts.  
 A. M. F.

Ans.—Cough in pigs may be due to different causes, and some cases are quite contagious. One of the early symptoms of hog cholera is a dry cough, so it is well to be on the alert for this disease, especially since it is known to be in the country. For a cough caused by indigestion, the remedy is soft feed, accompanied by a brisk purgative, as Epsom salts, from 4 to 6 ozs. If due merely to a cold, use pine-tar freely in the troughs, and supply soft feed and good shelter until cured.

**Chicago Markets.**

Chicago, Nov. 29.—Cattle—Receipts, 1,000; market nominal; good to prime steers, \$6.00 to \$7.40; poor to medium, \$3.00 to \$6.00; stockers and feeders, \$2.00 to \$4.75. Hogs—Market 5c. to 10c. higher; mixed and butchers', \$5.90 to \$6.30; good to choice heavy, \$6.25 to \$6.45; rough heavy, \$5.70 to \$6.15; light, \$5.65 to \$6.15; bulk of sales, \$6.05 to \$6.20. Sheep—Receipts, 1,500; sheep steady; lambs steady; good to choice wethers, \$3.75 to \$1.25; fair to choice mixed, \$2.50 to \$2.75; native lambs, \$2.75 to \$5.70.

**British Cattle Markets.**

London, Nov. 28.—Canadian cattle are unchanged at 10c. to 12c. per lb. (dressed weight); lambs are quoted at 13c. per lb. (dressed weight); refrigerator beef is quoted at 13c. per lb.





"Of a' roads to pleasure  
That ever were tried,  
There's none half so true  
As one's ain fire-side."

### The Degeneration of Mrs. Nesmith.

"He is a farmer," said Adella Mason, and she added in a moment, "isn't it queer to think of me as a farmer's wife?"

"Yes, it is," answered her friend in a tone of disapproval. "I don't like it. I've a good mind to break up the match—if I can."

"Why, Nellie Jerome! What a thing to say."

"Well, if you'd had two or three friends who had gone to live in the country you would think just as I do about it."

"Why, it is just lovely where I am going. It is an old house where Mr. Nesmith's grandfather lived. It is old-fashioned, of course, but it is picturesque, and there are beautiful big elms around it. You must come and visit me, and I know you will be charmed with my home." She blushed a little at the last word.

"It isn't the place I am thinking about," said Miss Jerome gloomily; "it is you."

"Well, what about me? Do you think I am going to be worked to death? I am not. I have visited at the Nesmiths' and I saw that the men folks were the thoughtful, considerate kind. It isn't a large farm and I am going to enjoy the work."

"Yes, I know. But you don't understand what I mean. I have seen what happens when a city girl goes to the country to live. Will you listen and not get angry while I prophesy a little? And remember it is not theory, but what I know and have seen."

"Go on."

"At first you will keep up with your music and reading. You will wear your pretty clothes and call on the neighbors. You will go out of doors every day and be cheerful and contented. After a time you will forget to change your dress afternoons, you will neglect your piano and stop singing. You won't have time to read, and you never will step out of the house if you can help it. You will be continually puttering over your housework, never getting it done, and you will be tired and out of sorts all the time. You will call it a dull old place where you live, and you will be continually finding fault with your neighbors. As for your husband—of course, not knowing him yet, I can't tell what effect your degeneration will have on him. Sometimes they get sour and fault-finding; once in a while one takes to drink. It all depends on the man. The change in you, though, is what I think of most. You won't have anything to make life worth living, and it will be all your own fault, for you will have deliberately thrown away the things that were worth while. There! Isn't it a pretty picture? You have a good disposition, Della; I will say that for you. Lots of girls would never speak to me again if I had talked to them this way."

"How long will the process of degeneration take?" Della spoke slowly and there was a deep color in her face.

"Well, I'll give you a year and a half," said her friend judiciously.

"Come and see me at the end of that time."

"I shall come unannounced," laughed Miss Jerome, "so as to find you in your dingy calico dress and dirty apron. I won't promise to stay long, as I shall probably be desperately homesick."

It was nearly two years before Miss Jerome fulfilled her promise to visit her friend. It was a cold, blustering day in March, and she had already begun to feel homesick before reaching the Nesmith house. She had hardly stepped into the yard when the front door opened and a figure ran down the path to meet her. It was Mrs. Nesmith.

"Come right in," she said cordially, and she hurried her guest through a little entry and into a warm, sunny room.

Before she knew what had happened, Miss Jerome found herself with her wraps off, seated in a comfortable chair, toasting her feet at a stove. She gave a hasty glance about the room. "Lots of sunshine, books, papers, plants at one window, piano open," was her mental comment.

"I saw you coming," Mrs. Nesmith was saying, "way down the road; for in my country way I am always on the lookout for passers. But I did not recognize you till you almost reached the yard."

Miss Jerome's visit was extended to a week, and she was sorry when the day came when she must go home. The two friends were having the time talk together.

"I was a false prophet," said Miss Jerome, "accidentally, as she looked about the pleasant room. What is more, I am very glad I was."

It was the first reference that had been made in the talk they had two years before.

"You have not degenerated," she went on. "You

have improved wonderfully. I have long thought that fads were the country woman's salvation, and you have more of them than you used to have. There are your plants, and your music—it is so nice to have those weekly sings here, when all the neighbors come—and you have the long walks with the neighbors' children, and in summer you have botany and birds. It has done me good to see the way the young people flock to you and to see how you help them and advise them on every subject under the sun. Best of all is your perfect sympathy with your husband, and your interest in his work. I have had a lovely visit and I am so thankful that I was a false prophet."

"If you hadn't prophesied," said Mrs. Nesmith with a whimsical smile, "you would have been a true one." Miss Jerome looked puzzled. "Please elucidate," she said.

"What you said that time made a very strong impression on me, and I determined that I would not degenerate. It has been hard not to, sometimes. It is a natural tendency and I had to fight against it. I could see just how true it all was, what you said. I have to keep a sharp lookout, now, not to backslide, but I think the worst of the struggle is over. I do enjoy life so much—you don't know. I am a very happy woman, and I owe it to you that I am not what you described."

"I am glad that I had a little to do with it," said Miss Jerome, "but don't give me all the credit. Most of it belongs to that strong will of yours, my dear."

NONA RUSS.

### A Christmas Acrostic.

Suitable for Christmas entertainment.

BY A. M. K.

Nine children, each bearing a letter, march, while singing to time, "Marching Through Georgia":

Sing we now of Christmas time, the best of all the year,  
Peace and happiness abound, the season of good cheer;  
Blessings rich from heaven above are scattered far and near,

While we sing "Merry Christmas."

Chorus—

Sweet peace, good-will to men, the angels sing.

Glad bells awake and happy echoes ring.

For tidings glad to rich and poor alike to-day they bring.

While we sing "Merry Christmas."

Each child in turn recites:

**C**hrist was born on Christmas day,  
In a manger low He lay.

**H**eavenly angels praise His name,  
"Peace on earth" the glad refrain.

**R**ich the blessing given to earth,  
Gracious gift, sublimest worth.

**I** will sing on Christmas morn  
Of the Saviour who is born.

**S**tories of gifts and happiness,  
Homes both rich and humble bless.

**T**hanks, our heavenly Father, dear,  
For Christmas blessings every year.

**M**erry Christmas, hear the shout,  
Ring the glad old world about!

**A**ll the world rejoice to-day—  
Merry, happy, Christmas day.

**S**aviour born in Bethlehem,  
"Peace on earth, good-will to men."

Sing, then, happy children, all this merry Xmas day.

All is joy on earth to-day, all sorrow cast away.

Hearts are light and free from care and gentle peace  
has sway.

While we sing—"Merry Christmas."

### Somebody's Birthday.

This is somebody's birthday.

Just as sure as fate;

Some little boy is six years old,

Some little girl is eight.

Some little boy is three to-day,

Some little girl thirteen.

Some little twins are exactly two

Two apiece, I mean.

Some one is eating his birthday cake

And laughing over the plums;

Some one is counting her birthday dots

On all her fingers and thumbs.

Some one is bouncing his birthday ball

Or winding her birthday watch.

Some one is not too wise or tall

For birthday butter-scotch.

Think of the beautiful birthday boy!

Think of the birthday cheer.

Think of the birthday happiness

Every day in the year!

Every day in the year, my dear,

Every day we're alive.

Some happy child is one or two

Or three, or four or five.

—Ethelwyn

### The Red River Settlement.

Some Reminiscences of Fifty Years Ago—Chiefly Schoolroom Memories.

Out of the mists of the past appears such a quaint little figure, with its odd mixture of old-womanishness and childish ways. Looking at Lizzie T., with her big shawl enveloping her head and shoulders, the ends knotted behind her back (a very general and easy-going playground costume amongst us all, where comfort was everything and fashion never considered), one could hardly tell whether she was nine or fifty years old. Indeed, there were times when she took on the dignity of the latter, and others when she hardly showed the natural development of her real age, which, I think, was about ten or eleven. Lizzie's grasp of a subject was always of the vaguest. Instruction seemed only to tickle her mental palate, refusing to go much further down. It could not reach her digestive powers, and never arrived at assimilation point. Sometimes a name or sometimes an idea would seem to have "caught on" and would make its sudden and often most inappropriate appearance, with an air of self-satisfaction and proud triumph, most upsetting to the gravity of teacher and fellow-pupils alike. But Lizzie had her ambitions, and whatever task was set her classmates she would try her hand at it or die. A girl on the same form had ended a very well written account of the Bishop's sermon of the Sunday before, by quoting its text. Lizzie had been agonizing over her own chosen subject, "The Pig," and had arrived at nothing more descriptive than the words, "The pig is a very dirty animal; it is fond of rolling in the mud." At this point Lizzie had literally "stuck in the mud" and could get no further, but a way out of it was suggested by the praise accorded to her comrade. "It was all because she put a text at the end," thought simple Lizzie, "and so will I." With much painful effort, the tip of her red little tongue following the ups and downs of her scratchy slate pencil, Lizzie laboriously inscribed what was the Bishop's chosen motto for his schools, "In Thy light shall we see light," well known to the pupils in both, and with no thought of incongruity and not a vestige of irreverence, her slate with its curious little essay was handed to her teacher, as by one who deserved well at her hands. The next lesson in the composition class did not leave a free choice of subjects, but each girl was to describe what she had noticed when taking her last walk upon our only winter road, the frozen Red River itself. "Why! you are quite poetical," said her instructor to the girl occupying the top seat on the bench. "That is really very well told. You may have three good marks for your composition." "I'll have three marks too," said Lizzie to herself. "Why, I remember lots of poetry." So she began thus, though cruel fate denied her a finish to her poetical venture: "When we went out for a walk on the river we saw the snow-birds runing (pronounced rooning) about on the fury tomulet, and the bee".....and there she came to a standstill. There was something queer about it, she felt; perhaps it was odd that the snow-birds and the bee should be "runing about together, especially in winter." Anyway, the mental supply had failed, and with it all hope of Lizzie's three marks. "What a figure of fun you look, Lizzie," said her teacher to her, jokingly, one day. "I wish we could send a sketch of you to Punch. But there, you don't know what I mean by Punch." "Oh, yes, indeed I do," replied the undaunted Lizzie. "He's in the Bible—Punchus Pilate." She really was more familiar with Bible stories than any other kind, and so, after her own jumbled fashion, it was there Lizzie mostly sought her inspirations. On another occasion, she wanted to describe how very sorry they would all be when the time came for her teacher, whom she really loved, to leave them and return to England, and this is how she transposed the situation: "Mrs. M. will be sitting on the boat, when she has said good-bye to us, tearing her hair and gnashing her teeth." I have heard since those days that Lizzie became a good, sensible little wife and mother, but I believe that she has long passed away, as have so many others whose girlish names I remember so well.

Another schoolroom episode I recall as I write, partly because of my introductory mention of Lizzie's costume. We all had big, square shawls to twist around us and tie firmly behind us when the bell ordered us out for a romp in the snow, which we could shake off like powder when we went indoors again. These shawls were folded square, and placed one above another in a large bundle, the ends of which stood papered and ornamented either in a corner of the hall or of the playground. So, when the Bishop would occasionally come to see us, and the girls, all dressed in their shawls, were, in most kindly fashion, quietly assisting their progress.

One day, as the Bishop, the file, a lad of 8 or 9, was walking down on his grey pony, he saw a girl sitting with the judge, his horse, and he thought himself to have "a lark" and he called out to her, "What a chance. Sometimes you can see the Bishop's appearance through the shawls, and you can see him or after hiding in the shawls, and you can see him popping up through



the square flap in the floor, or pretending to make his pony run over them in the field outside St. Cross. On this occasion he got the girls to connive with him, and at a critical moment of the examination, the muffled sounds of a cock crowing, of a duck quacking, a cat meowing and a dog barking issued from that apparently shawl-filled tea-chest in the corner of the schoolroom. At first the Bishop pretended to take no notice, but as that only set the whole poultry-yard into commotion, and started the girls into an uncontrollable giggle, for Frank was an inimitable mimic, finally he had to be expelled from the shawl-box, with as near a reprimand as that tender-hearted Bishop's lips were ever heard by us to utter. I could almost give the names of each girl in that room, as I write, and I wonder who of them is living yet to say, "Why, I remember that also." How many of them, too, can recall that dreadful summer evening when the little Indian lad, Georgie Hoesfall, was killed by a lightning stroke just beneath our fence? The head of the house happened to be spending a day or two away from home, a very rare event. She was at the Middle Church parsonage, some few miles below. The day had been very sultry, and a storm threatened. We were used to rather bad thunderstorms, and felt no especial uneasiness. The judge had come to see the eldest daughter of the house, whom he shortly afterwards married, his pony and little Red River cart being put up in the "byre" behind the house. Blacker grew the clouds, more vivid the lightning, so not a moment was to be lost if he and Frankie, the mischievous, who looked solemn enough now, were to get back to the Upper Fort before the storm burst. Frank and the writer rushed to the byre, and if there is such a measure of time as a "jiffy," it was in less than that we got the frisky, and now scared, little animal into the shafts. Anxious eyes watched from the schoolroom window the appearance and disappearance of that little cart, as it was, with its occupants, silhouetted against the sky with startling vividness, from various points along the prairie road to Fort Garry. Happily, they got safely into shelter, but not so poor Georgie, the Indian lad. He had brought over to St. Cross our usual portion of milk from the Bishop's farm. He had returned thither for the evening portion for Bishop's Court, and had started out again with his brightly shining cans when that death-bolt fell. He was found lying almost upon his face, which was blackened and disfigured, his hair singed to the scalp, and his clothing nearly all burnt into rags. The handle of the can in his hand was twisted out of shape, and in the can itself were two big holes through which the milk had trickled away. I have since that time been through storms of fearful violence on the South African veldt, leaving death and destruction upon their trail, but the memory seems ineffaceable of this evening of horror, perhaps because it was the first storm with fatal results which I had ever personally witnessed. The boy's body was not found until daylight, no one searching for him, as at Bishop's Court they thought he had not started, and at the farm, that he had been kept over night at Bishop's Court. Nothing, however, could have saved the life of the poor child, and he must have died without a moment's pang. Perhaps I have no more vivid memory of old Red River days than the tragic ending to that dreadful storm of fifty years ago. H. A. B.

**The Tomb of Mausolus.**

This was one of the Seven Wonders of the ancient world. Mausolus was King of a Province in Asia Minor. He was a man remarkable for his personal beauty, and was married to his own sister, Artemisia. Such a marriage was not uncommon in heathen countries in those early days. Artemisia was so much attached to her husband that when he died in 353, B.C., at the age of 24, she caused to be erected the most magnificent tomb to his memory the world had ever seen. This tomb was 63 feet long, by nearly as many feet in width, and was surrounded by 36 noble marble columns. It was built by four famous architects, each architect erecting one of the four sides, so that the four sides were all of different designs, and each trying to excel the other in grandeur of style. When the tomb was finished, a fifth architect was employed to erect a pyramid over the building, and on the top of the pyramid was a marble chariot drawn by four horses. When the whole was finished she called it a Mausoleum, after the name of her husband, which has given a word to our English language, for a mausoleum means a magnificent sepulchral monument. Our late beloved Queen was laid away in a granite sarcophagus, beside her husband, in Frogmore Mausoleum, Windsor, but Mausolus never lay in the tomb erected by his wife. When her husband died, she caused the body to be burned to ashes; when she drank her wine she mingled a little of the ashes with the liquor, so that she literally swallowed her husband. The poor woman died of excessive grief, two years after her husband. J. O.

**Some Homemade Christmas Gifts.**

O yes, it is coming; that is, Christmas. The whirling drifts of brittle leaves tell us that, and the shrinking of the scarlet barberries, and the corn-eating propensities of the turkey-flock, and where there are toddlers, the oft-repeated queries about Santa Claus, and solemn councils of war concerning the besieging of the chimney and capturing his Santaship with his pack of dolls, and drums, and "humbugs," and "nigger toes." O, to be a child again!

"O for festal dainties spread,  
Like my bowl of milk and bread,  
Pewter spoon and bowl of wood,  
On the door-step gray and rude!"

Well, we can all try to be children at heart, if not in years, remembering those old, old words, "Whosoever shall not receive the Kingdom of God as a little child he shall not enter therein." And so, as this Christmas season draws near, let the old careless exuberance fill our hearts, and albeit we have long since abandoned all effort to trap that wily Master of the Reindeer, let us place our little surprises as joyously as in those glad days, and see how near we shall grow to the children by so doing.

each other point. One can also crochet centre-pieces, beaded purses, bedroom slippers, baby's booties and jackets (including the pretty boleros), tea coseys, "hug-me-tights," handkerchief borders, and, O—"things too numerous to mention." And the same way with fancy knitting and netting. Netted doilies, when done with very fine thread, are exquisitely dainty, and as the thread costs but a trifle, and they are quickly done, they make a very desirable gift.

If you embroider or do outline work, you can make almost numberless pretty things. Photo-frames of white or brown linen, embroidered simply with colored silks, are very nice, although they are a little out-of-date now. A useful thing is a book for clippings. Procure eight large envelopes, tack them together at the lower edges in book form, and glue them into a cover made of stiff pasteboard, covered with linen and having a design of forget-me-nots embroidered around two sides, and the word "Clippings" across the centre. Neat little pincushions may be made of two round bits of cardboard covered with linen, embroidered or outlined in some design, and tacked together with wadding between and a puffing of silk around the edge; they are suspended by ribbon the same shade as the silk. Speaking of pincushions, quite a "cat-tail" novelty is made as follows: Take a small round stick, about seven or eight inches in length, and wind pale-green baby ribbon around two-thirds of its length, wrap the remaining third with layers of wadding, and cover with brown velvet or plush, joining neatly; take two pieces of stiff green satin ribbon an inch and a half wide (for leaves), cut to a point at one end and fasten to the other end of the stem with the baby-ribbon. To make a newspaper holder, cut two pieces of cardboard, one almost square, with fancy curved edges, the other the same width, but not so deep, cover them both with blue linen, outlined with white linen floss, fasten together at the lower edges, and at the upper suspend the one from the other with little brass chains, or ribbon.

Chamois and celluloid make good foundations for many things. Of the former, one can fashion pen-wipers, watch-polishers, baby's boots, and if one can paint, photo-frames and table-mats. Of the latter there are napkin rings, book-markers, and exquisite little boxes for holding rings, fancy pins, etc.

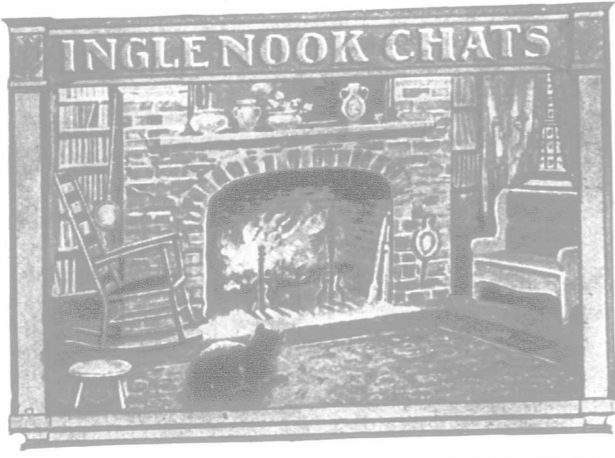
It is surprising what pretty results you can attain sometimes with odds and ends of ribbon, silk or lace, by setting your wits to work and cultivating your bump of originality. I could tell you of several ways in which to utilize such "nips," but this pen of mine has a habit of flying into forbidden space, so I must clip its wings. One other thing I want to tell you about, however, for kitchen use exclusively: Fold a large piece of heavy dark goods (washable) into a square about seven inches in size, stitch it around the edge, and fasten a loop to one corner to hang it by; bestow a number of these on your practical, good-housekeeper friend, and when she employs them to lift burning pots and pans her thoughts will be a warm thank-offering to you. Wishing you all success with your "homemade Christmas gifts." CHRYSOLITE.

**Sliding Down-hill on a Carpet.**  
Brave old winter brings plenty of fun  
For the boys and girls whose work is done,  
But of all the sports the merriest one  
Is sliding down-hill on a carpet.  
You need but a square of carpet, you know,  
Tuck yourself in, and away you go,  
Over the ice and over the snow—  
Sliding down-hill on a carpet.  
So leave your dolls and sleds and toys,  
And bring out your carpets, girls and boys,  
For one of the best of winter's joys  
Is sliding down-hill on a carpet.



FATHER'S RETURN.





## THE CHILDREN'S CORNER.

## A Christmas Chat.

Here is a letter from one of our old friends, Effie Letson, and very glad I am to hear that the "Lookout Regiment" is still alive:

Dear Cousin Dorothy,—

I have not written for a long time, so I thought I would write to you. I would like a correspondent or two belonging to the "Lookout Regiment," and not younger than ten or twelve years. I am a country girl, fourteen years of age. I would like them to write first. A friend of mine, belonging to the "Regiment," is visiting your correspondent, who also belongs to the "Regiment." I will close, hoping to receive correspondents. Ever a member,  
West Montrose, Ont. EFFIE LETSON.

I hope some of the members will write to Effie. It is a good time to consult about plans for bringing a little Christmas sunshine into darkened lives. If you try to fill some stockings yourselves, you will enjoy Christmas far more than if you are like the child who cares only to have his own well filled. This is what he says:

'I've written a letter to Santa,  
But how shall I send it—how?  
I don't know what his address is,  
'Cept it's up 'mongst the ice and the snow.

"I want him to get it just awfully,  
'Cause there's lots of things that I wrote  
That I wanted, and I know he won't bring them  
Unless he gets my wee note.

"I suppose that I might ask the postman  
To take it to him when he went  
To carry round papers and letters  
That grown-up people have sent.

"But then he won't get it till morning,  
Oh, dear! it can never go so.  
I'll pin it right on to my stocking,  
Right here on the end of my toe.

"Now, when Santa Claus fills up my stocking,  
He'll find the note there on the toe.  
And he carries so many things with him,  
I'll get all I wanted, I know."

The little boy who wrote that letter hadn't much faith in the post-office clerks, had he? If they don't know old Santa's address it is time they learnt it. I read in the paper last Christmas that 20,000 letters addressed to him had been posted by children in the United States that year. What a huge mail-bag he will need this December, for a lot of children have learned to write since last Christmas, and of course they will want to send a note to the dear old fellow. It is just as well to let him know what you want, although he doesn't always bring exactly what is asked for—it wouldn't do, you know. Why, last year one little chap in a Canadian hospital asked for a real Billy-goat with horns. Such a present might be very suitable for a boy who could run and play out of doors, but just think what a commotion it would make in a children's hospital. It would be worse than Mary's lamb in school, for instead of making the children "laugh and play," some of them would be sure to cry with fear. Santa sent a race-horse and sulky instead: not a live horse, you know, for that would have been as unsuitable as the goat.

I think many poor children must almost enjoy being ill at Christmas time, for they have a far better time in the hospitals than they would have in their own homes, where sometimes they hardly have bread enough to eat, and never dream of tasting turkey, plum pudding or candy. You may be sure the hundreds of stockings hung up by the sick children in our hospitals are always well filled. I once heard of a doll which found its way into one of these stockings, and did its duty of cheering and comforting a sick child as well as any nurse. Its first mother was a rich little girl who had plenty of other dolls; still she was very fond of Josephine—while she was new. Sometimes she was a baby in a long white dress, sometimes she was dressed as a bride in white satin, and often she appeared as a widow in bonnet and veil, with a tiny handkerchief to weep on. But after awhile another beauty was put carefully to bed at night in Josephine's pretty little bed. A cruel boy ill-treated her dreadfully, even scalping her one day when he was playing Indian. She lost one eye and an arm, and was tossed into a rubbish room, where she lay for months, feeling very forlorn and miserable. But one day she was picked up and sent with a lot of other broken toys to a dolls' hospital. There she recovered her spirits and her beauty, clever surgeons provided her with a new eye exactly like the old one, and a new arm. A fresh crop of dolls' heads suddenly appeared on her bald head, and she was dressed in a pretty blue sailor suit, and started life a second time, with the determination to do her duty nobly. Josephine soon found herself clasped lovingly in the arms of a poor little girl, who lay all day in bed, and often moaned with pain. The room was large and seemed to be full

of beds. Josephine never felt neglected now, for her new mother loved her dearly. "Nurse," she would say every night, "you won't take dolly away from me when it is quite dark and I am asleep, will you?"

One evening when she asks this question the nurse can hardly answer her, for there is a choking in her throat; and Josephine feels two hot tears drop on her face as the nurse stoops over the patient little sufferer. That night the Angel of Death passes through the ward, and carries the tired child lovingly in his arms to a land where there is no more pain. There is a smile on the white face, and the little thin arms are folded round the doll. The nurse does not take it away, for she fancies she can still hear the weak little voice saying, "You won't take dolly away from me when I am asleep, will you?"

You see even a doll may have a mission, although many of them seem to waste their short lives terribly, but I don't think it is altogether their fault, do you? Christmas will soon be here, and perhaps some of you may find a way to help your dolls and other toys to do some good in the world before they are quite dead. I say "quite dead," because, although they may not have nine lives like a cat, at least they may have two—like our friend Josephine.

COUSIN DOROTHY.

## Recipes.

## CHRISTMAS CAKE.

Ingredients—1 lb. raisins, 1 lb. currants, 1 lb. dates, 1 lb. light brown sugar, 1 lb. butter,  $\frac{1}{2}$  lb. mixed candied peel,  $\frac{1}{2}$  lb. blanched almond nuts, 10 eggs,  $\frac{1}{2}$  teaspoonful each allspice, cinnamon, cloves, nutmeg, lemon and vanilla, 1 wine-glassful of brandy or wine, two teaspoonfuls of baking powder, flour enough to make quite thick. Mode—Mix the fruit and spices together the day before making the cake, cream the butter and sugar, add the eggs well beaten, then the fruit and spices, mix the baking powder with the flour, mix all well together, put in a deep pan, steam 1 hour and bake 2 hours slowly.

## CREAM PIE.

Make some good pastry, roll out thin, cover deep pie tin, put it in the oven and bake it; when baked put in the following filling: One cup milk, two eggs, one-half cup sugar, two teaspoonfuls cornstarch mixed with a little cold milk, one-half teaspoonful vanilla; set on the stove in double boiler to cook, stir well until thick; use the whites of the eggs beaten to a froth, with a little sugar, for top of pie.

## THIN RICH COOKIES.

Three eggs, one-half pound light brown sugar, one-half pound butter, one small teaspoonful baking soda; beat all together to a cream; use just enough flour to mix, roll out thin and bake in a quick oven.

## PLUM PUDDING.

One teacupful each, brown sugar, raisins, suet, currants, and sweet milk; one-half teacupful of molasses, one-half teacupful mixed candied peel, five eggs, one-half teaspoonful each nutmeg, cinnamon, cloves, allspice, lemon and vanilla, two teaspoonfuls of baking powder; use flour enough to make it about the consistency of soft gingerbread; put in a round pudding dish and steam two hours.

## HOT BISCUITS.

Three cupfuls of flour, three teaspoonfuls of good baking powder, one-half cupful of butter, one egg, one cupful of sweet milk, one cupful of water; mix baking powder with flour, work in the butter, beat the egg and stir in the water and milk; mix all together, and make into a soft dough; roll to thickness of an inch, cut with biscuit cutter and bake in a quick oven.

## ONE-EGG LAYER CAKE.

One cup of light brown sugar, one scant half-cup of butter, three-quarters cup of sweet milk, one egg, two teaspoons baking powder, one-half teaspoon vanilla, one and one-half cups of flour. Rub the butter and sugar to a cream, add the egg well beaten, sift the flour and baking powder together, add the milk and flour to the mixture, beat well, bake in two jelly-cake tins, in a moderately hot oven. Any kind of icing may be used for top and between layers. EULALIE.

## Young Old Women

Young old women are women whose old age is as exuberant as was the perfect bloom of her youth. They are made of fabrics. You wonder how they are so young and happy. You wonder how it is that they are so young and happy. Here are some of the reasons: They do not forget disagreeable things. They do not say pleasant things to their own hearts. They do whatever work came to her contentedly. They do not believe in being unkind.

My dear Guests,—

"Through the hush'd air the whitening shower descends;

At first thin, wavering, till at last the flakes Fall broad, and wide and fast, dimming the day With a continual flow. The cherished fields Put on their winter robe of purest white. 'Tis brightness all; save where the new snow melts Along the mazy current. Low the woods Bow their hoar head, and ere the languid sun Faint from the west emits his evening ray Earth's universal face, deep-hid and chill, Is one wild dazzling waste that buries wide The works of man."

How charmingly the poet Thomson, in his famous work, "The Seasons," portrays the first fall of snow, and what pleasure its coming bespeaks for our merry Canadian boys and girls; for is not winter the very season specially adapted to the gay sports of coasting, skating, hockey and curling? What dainty forms the fair snow-crystals assume in their downward flight! Speaking of them reminds me of my first visit, a few days ago, to a kindergarten school. "Kindergarten" is a German word, meaning "child garden," and truly such it seemed to me—a real little garden where children, instead of flowers, were cultivated. The teacher had drawn illustrations representing rain, a rose in bloom, a teakettle with steam issuing from it, a house half-hidden by mist, a boy skating, a snow-man, etc. All these were to illustrate the different forms of water: rain, dew, steam, fog, ice, snow, hail and sleet; by adroit questioning the teacher got the children to tell all they knew of each. Quaint little stories to attract and retain the attention of the tiny pupils (from four to six years of age) were interspersed all through the lesson. Then the teacher gave each child several tiny sticks with which they formed stars and snow-crystals. More sticks were given, and more elaborate designs constructed, the children in the meantime being taught what squares, right and acute angles, triangles, etc., meant, and also to count all the sticks they had. A general air of good-nature pervaded everywhere, and it seemed to be all play instead of study. Then followed a recreation, the children choosing the games and the teacher taking part in them as merrily as any. Most of the games were played in time to singing or music. This was part of one day's work. In the kindergarten the children are also taught to make many pretty things with bright-colored paper, in every case some useful information being imparted in the most interesting manner, while habits of accuracy, order, neatness and the love of the beautiful are hourly inculcated. The happy, animated faces of these miniature men and women will long remain a pleasant memory.

The Hostess must beg the further indulgence of her Guests for not giving the result of the last contest (it will certainly appear next issue). She does not often have a holiday, and you can scarcely blame her for prolonging it, now can you?

Take another look at last issue and read the rules for the next Memory Gem contest, then send on your work. Address as given below, and have it reach Palerham by Dec. 10.

## THE HOSTESS.

Ingle Nook Chats, Palerham, Ont.

## Humorous.

Every one notes that the passage of time seems now swift and now slow, but it is not given to every one to express his cognate of this fact in Mrs. Herliby's bewildering language.

"Sure, an' yisterday the time was dragging at me heels as if they'd stoned the poor fellow," remarked the good woman as she bent over a table, and, wrestling with Mr. Herliby's one white hair, "but here's to-day they're galloping that fast that I can't even catch the tails av thim."

"Yisterday at this toime," she continued, after one fearful glance at the clock in the corner, "yesterday at this toime it was nowheres near half past the an' to-day it's all but twelve!"





## ROYAL FARMS, WINDSOR, ENGLAND.

### Important Sale of First-class Shorthorns.

Messrs. John Thornton & Co. are honored with instructions to sell by auction, on

**Thursday, Feb. 26, 1903, at the Royal Farms, Windsor,**

the property of His Majesty the King, about forty cows and heifers, and twenty young bulls, including the R. A. S. E. champion bull, Royal Duke, from the celebrated herds at Windsor and Sandringham. Catalogues may be had of

**JOHN THORNTON & CO., 7 Princes St., Hanover Square, London, W.,**

who will execute commissions and attend to shipment and insurance.

Messrs. A. & G. Mutch, of Lumsden, have purchased, in Ontario, a carload of pure-bred Clydesdale mares and fillies, nearly all from imported stock. This lot are of first-class quality; America's champion plow team, both with foal to Graham Bros. great MacQueen, make two of the lot and show the stamp of animals Mutch Bros. are determined to possess.

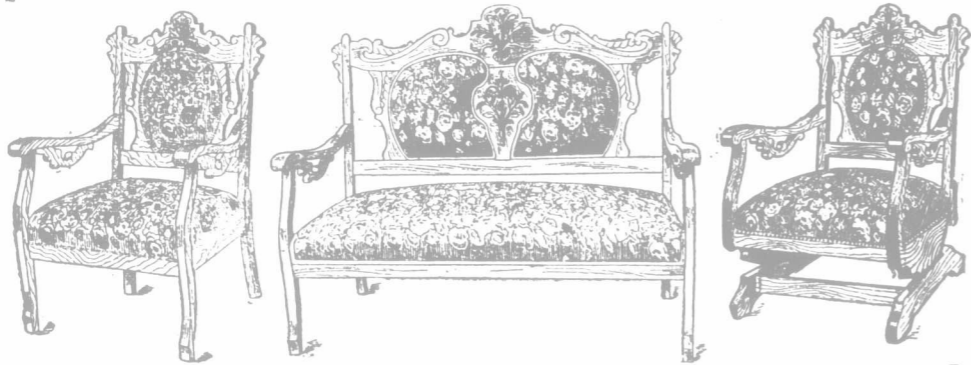
Agents appointed all over Manitoba and the Northwest Territories to buy

### HORSE HAIR

from Breeders, Farmers, Liverymen, etc. Apply

**T. L. CUMMINS,**  
HAIR MERCHANT, NORWAY P. O., ONT.  
Good Commission to Responsible Men. m

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It's like presenting you with \$6.75 to give you this splendid Parlor Suite for \$21.75; our regular price is \$28.50. But to get more closely in touch with the readers of this paper, and to show them how easy and satisfactory it is to do shopping by mail with this store, we're willing to make this special price on any orders sent to reach us before Christmas.

The Parlor Suite comprises five pieces, as shown in the cut. The frames are of a rich polished mahogany finish. They're upholstered, with full spring seat, and covered with a good velvet velour, which you may have in green, olive, brown or crimson color. (Samples of this covering will be mailed to you if you wish to see the quality.) Our own experts have done the upholstering, which is positive proof that the work has been well done in every detail. This suite is good value at \$28.50, but if ordered from us before Christmas, you can have it for.....**\$21.75**

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## GREAT PRIZE OFFER.

Publishers of The Weekly Tribune Giving Free to Subscribers Prizes Aggregating Over Two Thousand Dollars.

The publishers of The Winnipeg Weekly Tribune are this season offering their subscribers, absolutely free of charge, over TWO HUNDRED PRIZES, making a total value of over TWO THOUSAND DOLLARS.

They are giving away to subscribers who estimate upon the number of letters of the alphabet and figures contained in the Speech from the Throne which will be read at the opening of the next session of the Dominion Parliament, the magnificent and costly prizes which are announced from week to week in the Weekly Tribune, and which number in all over 200, and aggregate in value over Two Thousand Dollars. The one making the nearest correct estimate of the exact total of the letters and figures in the speech will receive the first prize, which is a magnificent upright Morris piano, valued at \$375; the second nearest, the second prize, which is one of the celebrated six-foot cut Massey-Harris self-binders; the third nearest, the third prize, which is a handsome piano-cased organ; and so on throughout the entire list of magnificent prizes, which embraces watches, stoves, plows, guns, silver tea sets, bedroom, dining-room and parlor suites, books, etc., etc.

All those competing must remit with their estimate one full year's subscription to The Weekly Tribune. New and renewal subscribers will compete on the same basis. The contest will close one week before the next session of Parliament opens, so that there will not be the slightest chance of any subscriber having in advance the least knowledge of the contents of the Speech from the Throne that will open the House.

The last four Speeches from the Throne contained 3,211, 3,166, 3,795 and 4,538 letters and figures respectively.

What is your estimate of the number of letters and figures of the next Speech? Figure it out, or guess at it, and send it in with your subscription and you have a chance of winning one of the magnificent prizes. See The Weekly Tribune for full particulars and estimate blanks. The Weekly Tribune is supplied from now to the 1st of January, 1904, for one dollar. Address all orders to The Tribune Publishing Co., Winnipeg.

## GOSSIP.

The present herd bull owned by John Graham, Carberry, is the Watt-bred bull, Captain Jack =33936=. This richly-bred bull is one of the Mildred tribe which have furnished the Messrs. Watt with so many show-winners. He is a typical Scotch Shorthorn, short-legged, with great leg and thigh development, well-sprung ribs, well-let-down flanks, and an underline hard to beat. His covering of flesh is deep and even all over, and on top of that is a prime melow skin and long, silky hair—the kind which Scottish breeders value so much. Capt. Jack was sired by that great show and breeding bull, Hillsburg Tom =16756=, by Sirius (imp.); dam Fashion's Gem, by Warfare (imp.) Mildred 6th =31068=, by Royal Sailor (imp.), is the dam of Captain Jack, and it will be remembered that she was one of the three cows that W. D. Platt took from Manitoba to Chicago for his sale in August, 1900, and there, at auction, she brought the sum of \$1,325, and later was sold for \$1,700.00, the highest-priced cow ever sold out of Manitoba. The females comprising the foundation of this herd are all Topsman's cows, with one exception. Among the older ones may be mentioned the veteran, Lady Nairn, by Topsman =17847=. This cow laid the foundation of the herd which was amongst the show herds at Winnipeg this year, and, barring accidents, will be seen again next year. This eight-year-old is not only a show cow but also a breeder, having produced in all eight calves, and has nursed every one, with the exception of this year's crop, when, owing to having twins, she is receiving assistance. Another good one is Toplady, by Prince Charley; dam Lady Nairn. This cow is also a good breeder, having produced Claymore, winner of second prize in the Winnipeg C. P. R. special last year as a yearling, and Claymore 2nd, a winner this year of second in the same class. She also has a rich roan calf at foot, by Captain Jack, which, if present indications are any criterion, will make a hard one to turn down in the showing. Among others may be noted the red Sunflower, winner of second prize at Winnipeg; also Kerfoot Princess, by Topsman, also a Winnipeg winner this year. Amongst the younger things are two bull calves, by Captain Jack, that possess the type we all are after. This farm lies just south of the town of Carberry, and breeders in search of stock can stop off with little inconvenience and loss of time, as trains from east and west stop daily.

## Use It Regularly "CARNEFAC"

### Stock Food

UNEQUALLED FOR STOCK.

Here Are a Few Opinions:

- "Splendid tonic and condition powder." H. J. JOHNSTON, V. S.
- "Superior to any other kind." J. A. STEVENSON, V. S.
- "Free from anything injurious." W. E. MARTIN, D. V. S.
- "A good appetizer and blood regulator, having abundant fattening qualities." J. F. FISHER, V. S.
- "Very valuable to live stock owners." M. YOUNG, V. S.
- "Should supplant many of the so-called stock foods shipped in." H. JAMES ELLIOTT, M. D. V.
- "Shall recommend it in my practice." G. VERNON HOWCROFT, V. S.
- "The use of this preparation should be entirely free from danger, and highly beneficial to horses and cattle." F. TORRANCE, D. V. S.
- "I consider it superior to any of the 'foods' in the market." W. J. HINMAN, V. S.
- "I have no hesitation in recommending it to all stock owners." S. J. THOMPSON, V. S.
- "Free from any injurious drugs." J. H. SNIDER, V. S.
- "I have no hesitation in recommending it to all stock owners as a first-class article." CHAS. LITTLE, D. V. S.
- "It excels any food ever put before the public for purifying the blood and fattening purposes." GEO. P. MURRAY, V. S.
- "An excellent tonic for live stock, especially those of the equine and bovine species." W. A. DUNBAR, V. S.
- "I can safely recommend this food to stock owners." J. L. CLARK, V. S.
- "D'd a good deal to help her in making such satisfactory gain." WM. WAUGH.
- "Recommend it to any person requiring a safe condition powder." J. J. IRWIN, V. S.
- "Have no hesitation in recommending it to stock growers as a first-class article." M. B. ROMBOUGH, D. V. I.
- "I can find nothing but what would benefit." G. P. BAKER, D. V. S.
- "Have no hesitation in recommending it to all stock owners as an excellent tonic for horses and cattle." FRANCIS J. BRAUND, V. S.
- "Have thoroughly tested it on young growing cattle and also on fat stock. A first-class article." JAMES YULE.
- "From the time they first got it a daily improvement could be seen." W. SWENERTON, V. S.
- "Highly recommend it to stock owners as a great tonic and blood purifier." G. A. MCKENZIE, V. S.
- "No hesitation in recommending it as a valuable tonic and alternative for horses and cattle." W. A. SHOULTZ, V. S.
- "It's tonic properties ought to be excellent." GEO. HILTON, D. V. S.

ASK YOUR DEALER FOR "CARNEFAC."

**W. G. DOUGLAS,**

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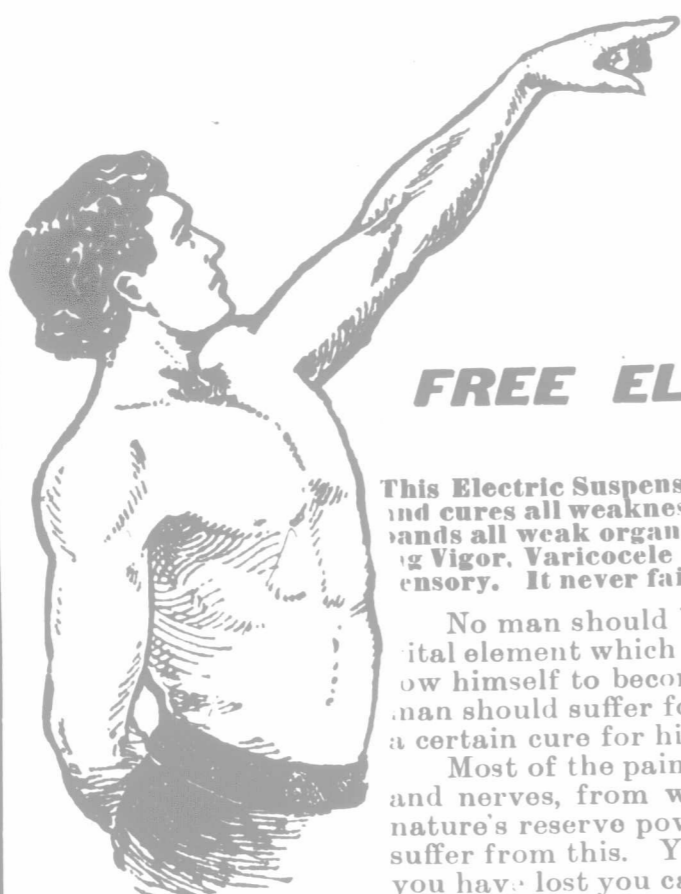




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## DO YOU SUFFER FROM LOST STRENGTH

Nervous Debility, Varicocele, Early Decay and Waste of Power? They are quickly and forever cured by the Grand Product of Nature, DR. McLAUGHLIN'S Electric Belt, with

### FREE ELECTRIC SUSPENSORY FOR WEAK MEN.

This Electric Suspensory carries the current direct to the weak parts and cures all weaknesses of men, varicocele, etc. It develops and expands all weak organs and checks unnatural drains. No case of Failing Vigor, Varicocele or Debility can resist the powerful Electric Suspensory. It never fails to cure. It is free with Belts for weak men.

No man should be weak; no man should suffer the loss of that vital element which renders life worth living. No man should allow himself to become less a man than nature intended him; no man should suffer for the sins of his youth, when there is at hand a certain cure for his weakness, a check to his waste of power.

Most of the pain, most of the weakness of stomach, heart, brain and nerves, from which men suffer, are due to an early loss of nature's reserve power through mistakes of youth. You need not suffer from this. You can be restored. The very element which you have lost you can get back, and you may be as happy as any

man that lives. My Electric Belt, with Special Electric Suspensory (free), will restore your power. It will check all unnatural drains and give back the old vigor of youth.

**B Hollingshead, Woodbridge, Ont., says:**—I feel well satisfied with the Belt. I have doctored and spent hundreds of dollars without relief, and your Belt has made a new man of me in every way. My step is firmer, and I am stronger in every part of my body. The drains have stopped altogether.

This drain upon your power causes Kidney Trouble, Rheumatism and Stomach Ailments. You know it's a loss of vital power and affects every organ of the body. Most of the ailments from which men suffer can be traced to it.

I have cured thousands of men who have squandered the savings of years in useless doctoring.

My Belt is easy to use; put it on when you go to bed; you feel the glowing heat from it (no sting or burn, as in the old style belts), and you feel the nerves tingle with the new life flowing into them. You get up in the morning feeling like a two-year-old.

**This is what Wm. Irvin of Malcro, Sask., writes me:**—Before using your belt I was a complete wreck. I can now get up in the morning feeling just like a young fellow of 17. (My age is 58.) I cannot praise your Belt too much, and would like all my fellow-sufferers to give it a trial.

Old men of 70 write me that they feel as strong and young as they did at 35. That shows it renews the vigor of youth.

It cures Rheumatism, Sciatic Pains, Lumbago, Kidney Trouble. It banishes pain in a night, never to return.

**You can read what Geo. A. Midgett, 178 Stanley Avenue, Hamilton, Ont., has to say about the Belt:**—I must say that the Belt has done me good. It drives the pain out of my back. As I have been bothered since birth, mine is a very hard case. The Suspensory is a grand thing to build up the parts. I have the greatest faith in your Belt, and I must say you are the most honest man I ever dealt with. Most men, when they get your money, lose all interest, as that is all they care for. But you cure and your business ought to prosper. I have praised your Belt to the highest. I know it has done for me what doctors could not do.

What ails you? Write and tell me, and no matter where you are I think I can give you the address of some one in your town whom I have cured. I've cured thousands, and every man of them is a walking advertisement for my Belt.

Every man who ever used it recommends it, because it is honest. It does great work, and those whom I have cured are the more grateful because the cure costs so little.

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You run no risk, as I guarantee every case I undertake. Failure to cure costs you nothing, as I take all the chances. All I ask is that you give me evidence of your honesty and good faith; that you are willing to pay me. By offering me reasonable security you may then use the Belt and

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**FREE!** Write me to-day for my beautifully illustrated book with cuts showing how my Belt is applied, and lots of good reading for men who want to be "The Finest Work of God"—A MAN. I will send this book, sealed, free.

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EASTERN CANADA.ROUND TRIP  
RATE \$40.00—TO—  
Windsor, London, Chatham, Stratford,  
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and all points West.Proportionately low rates to points East of  
Montreal.Choice of Routes, via St. Paul, Minneapolis  
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for three months.  
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favorable terms.For full information consult any Canadian  
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FOR DECEMBER.

Lowest round-trip rates to all

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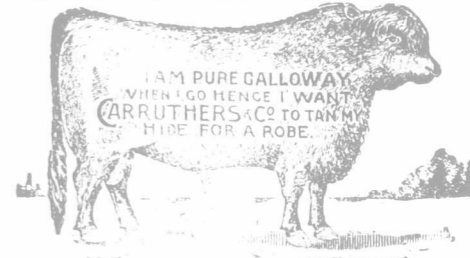
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He has been in my hands. Send for our  
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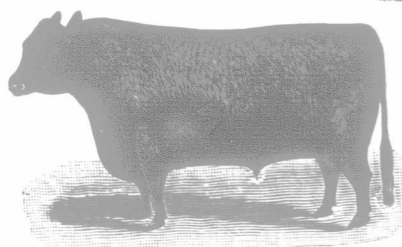
**ABERDEEN-ANGUS AND BERKSHIRES**

Two bull calves (one first at Winnipeg) and young pigs (both sexes), sired by Nora's Duke—7999—, bred by J. A. McGill.

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**Aberdeen-Angus Cattle**

Pure-bred Clydesdale Horses.



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with fashionable pedigrees, from such families as Queen Mother, Victorias and Mayflower; strong, growthy individuals. Prices right.

JOHN TRAQUAIR, WELWYN, ASSA.

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Stock bull, Sir Caithness; also young bulls and heifers of his get, possessing extra quality and good bone. Large Berks for sale, of both sexes. Purchaser's livery paid. R. M. WILSON, Pilot Mound Station, Marringhurst P. O.

**LAKESIDE SHORTHORNS FOR SALE**

Stock Bull, Sir Colin Campbell (imp), winner of 2nd place at the Winnipeg Industrial, 1902; also Royal Campbell, rising 2, another Winnipeg winner, and two bull calves under 1 year—the low-set, growthy kind sired by Sir Colin. R. McLennan, Holmfield.

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Shorthorns, Yorkshires, and Barred P. Rocks

FOR SALE: A number of choice young bulls. A fine lot of heifers fit for service. Sows of different ages, bred and ready for breeding. Young pigs, both sexes. An exceptionally fine lot of cockerels—large, healthy, well-bred fellows. All at reasonable prices. Carman, C. P. R.; Roland, C. N. R. ANDREW GRAHAM, Pomeroy P. O.

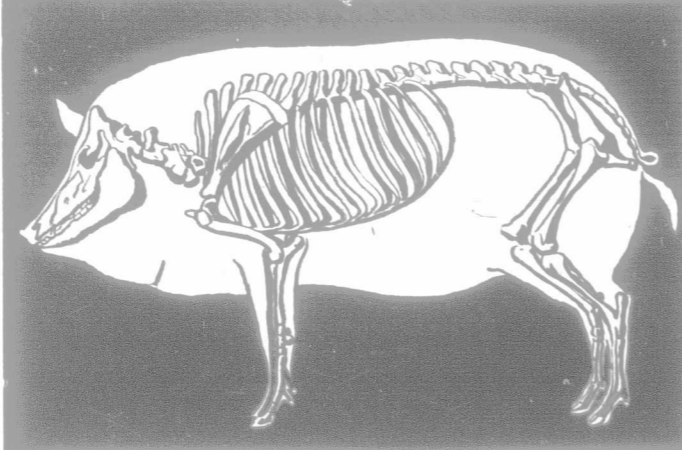
**Best Shorthorn Bulls**

For sale, from 9 months to 2 1/2 years old—the low-set, thick-fleshed kind. One won sweepstakes at Portage la Prairie when a calf, and set as a yearling. T. E. WALLACE, Portage la Prairie.

**Plain View Stock Farm**



are always home to see We look as well as ever, and still fill the ring. We are all at home—and for sale. F. W. BROWN, Portage la Prairie, Man.



**Veterinary Department of Our Book**

This engraving, showing the skeleton of a hog, is a GENUINE REDUCED engraving taken from the Veterinary Department of the Stock Book we offer to send you Free. The 183 large illustrations in this book are absolutely correct and were made by our own artists and engravers.

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INDEPENDENCE, IOWA. International Stock Food Co., Minneapolis, Minn. Gentlemen:—While called to see a sick cow, the owner, Mr. Hersh, called my attention to 60 shots and pigs of all sizes and ages and among them were 13 which seemed to have catarrhal affections and general unthriftiness. I advised him to separate them and give dry quarters and plenty of "International Stock Food," which he did with remarkable results. He wrote me a letter in two months asking me to call and see them, and stated that they were far ahead of the ones he did not feed "International Stock Food." I have ordered "International Stock Food" to be used in neglected cases of distemper, chronic indigestion, etc., in horses with good results. I strongly endorse "International Stock Food" for the use of all farmers and stockmen. Respectfully yours, C. H. HETRICK, Veterinary Surgeon.

We will pay you \$1,000 CASH to Prove that our Testimonials are not Genuine.

"International Stock Food" FEEDS FOR ONE CENT is prepared from Roots, Herbs, Seeds and Barks and we paid \$40,000 in "war tax" because it was a high class medicinal preparation. Many "Stock Foods" did not pay this tax because they claimed to the Government that they did not use any medicinal ingredients and did not claim any medicinal results? "International Stock Food" purifies the blood and Cures or Prevents Disease. It is a great aid in Growing or Fattening stock because it increases the appetite and aids digestion and assimilation so that each animal obtains more nutrition from the grain eaten. We positively guarantee that its use will make you extra money over the usual plan of growing and fattening stock. It does not take the place of corn or oats but is fed in small amounts as an addition to the regular feed. "International Stock Food" can be fed in perfect safety to Horses, Cattle, Sheep, Hogs, Colts, Calves, Lambs or Pigs. It is absolutely harmless even if taken into the human system. It won the Highest Medal at the Paris Exposition in 1900. It is endorsed by every High Class Farm Paper. We will furnish Thousands of Testimonials on application. We employ 107 people for our office work alone, including 35 typewriters. If you desire any special information be sure and write us. We pay these people for this kind of work and your letter will be answered promptly. "International Stock Food" is sold on a "Satisfy Cash Guarantee" by Forty Thousand Dealers throughout the World. Your money will be promptly refunded in any case of failure. You can test it without any risk. Can you ask anything fairer? It will make your Pigs or Hogs grow Amazingly and has the largest sale in the World for curing or preventing Hog Disease. Beware of imitations! No Chemist can separate all the different powdered Roots, Herbs, Barks and Seeds that we use. Any one claiming to do so must be an Ignoramus or Faker.

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Largest Stock Food Factory in the World. Capital Paid in, \$1,000,000. We Occupy 62,000 Feet of Floor Space. DEALERS SELL THESE: INTERNATIONAL STOCK FOOD, INTERNATIONAL WORM POWDER, INTERNATIONAL GALL CURE, ON A SPOT CASH, INTERNATIONAL POULTRY FOOD, INTERNATIONAL COLIC CURE, GUARANTEE, INTERNATIONAL LOUSE KILLER, INTERNATIONAL HARNESS STAP, SILVER PINE HEALING OIL, ETC.

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Several good young bulls and heifers, a number of Leicester ewes; also, some of each sex in Berkshires for sale.

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FOR SALE: About 80 head of young pure-bred Shorthorns, from 12 to 18 months old, 40 of them bulls. This herd is the Banner Herd of Manitoba, having 17 open-herd prizes to its credit, and not an animal ever beaten. All cattle sold will be delivered free of freight charges as far west as Calgary; also to Lake Dauphin, about May 1st, at our risk. JOSEPH LAWRENCE & SONS, Clearwater, Man.

**MARCHMONT HERD**

**Scotch-bred Shorthorns**

25 young bulls of modern breeding and good conformation. 3 Berkshire boars—4, 8, 13 months.

W. S. LISTER, Middlechurch, Man.

Seven miles north of Winnipeg. TEL. 1004.

**THORNDALE STOCK FARM**

138 Shorthorns in Herd. FOR SALE: Royal Judge—29260—, one of the stock bulls, winner of 1st at Winnipeg and Brandon, and 19 young bulls; also, females of all ages. JOHN S. ROBSON, MANITOU, MAN.

**SHORTHORNS AND CLYDES FOR SALE.**

Three choice young bulls sired by Nevaer (imp). Also a few cows and heifers. One yearling stallion got by (imp) McKinnon, and a few mares. A. & J. CHADBOURN, Ralphton, Man.

**SHORTHORNS AND OXFORDS FOR SALE.**

Stock bull Verity Chief, also two younger ones. In females a few choice calves and yearlings. A number of both sexes in Oxfords. T. R. TODD, HILLVIEW, MAN.

**FOR SALE:**

**Registered Shorthorns**

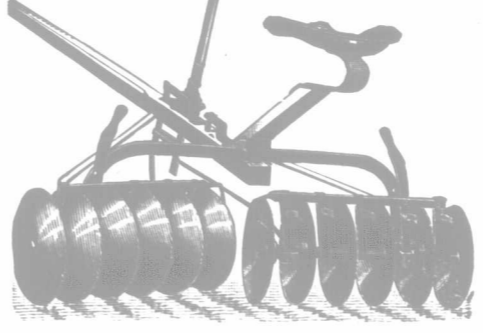
Bulls and heifers of all ages. Prices and terms to suit purchasers.

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**GREENDALE STOCK FARM.**

Have several young Shorthorn bulls for sale—thick, sappy fellows, of good families. Also a few upstanding, well-bred teams, weighing from 28 to 32 cwt. Prices right. F. W. GREEN, Moose Jaw, Assa.

**Bissell's Disk Harrow Does the Work**



WHERE OTHER DISKS FAIL.

The success of this harrow is now a matter of history in the older Provinces. If you have some hard job ahead try a Bissell Disk at it. There is nothing else quite so good. Full particulars free. It will pay you to inquire. Made by

T. E. BISSELL, ELORA, ONT.

The sole representatives for Manitoba and Northwest are:

Joseph Maw & Company, WINNIPEG, MAN.

**Combination Shorthorn Sale!**

A combination sale of Shorthorn cattle will be held in the Sale Pavilion of the Hamilton Stock-yards Company,

IN THE City of Hamilton, Ontario, on January 21st, 1903,

When about 60 head of high-class Shorthorns, contributed by a number of breeders, will be offered. Look for particulars in future issues of the "Farmer's Advocate." W. D. FLATT, HAMILTON, ONT.



**ELKHORN HERD**

O. I. C. OF O. I. C. SWINE.

FORMERLY HILL GROVE HERD, OF HANNAH, N. D. Stock of all ages generally on hand. Fall pigs for sale. Also Barred P. Rock cockerels. A. E. THOMPSON, WAKOPA, MAN. SHIPPING STATION: SIOUX, C. P. R.

**PRAIRIE HOME STOCK FARM**



CLYDESDALES, SHORTHORNS, AYRSHIRES, SHROPSHIRE, BERKSHIRES and YORKSHIRES. Shorthorn herd headed by Judge, imp. Sittyon Hero 7th, and Moneyfuffel Banner. Ayrshires of the best quality; herd headed by Surprise of Burnside. Shropshire ram lambs, also ewes of various ages. Summer Hill Monarch and a large number of high-class sows represent the approved bacon type of Yorkshires. The Berkshire boar, Victor (Teasdale), sweepstakes at Brandon and Winnipeg, 1900, and 30 sows of faultless conformation and superior breeding, make up the Berkshire herd. Farm 1 mile from the station. Visitors welcome. Prices and quality right. THOMAS GREENWAY, PROPRIETOR, Address all communications Crystal City, Man. on farm business to Waldo Greenway, Crystal City, Man.

Please Mention the Farmer's Advocate.









**DON'T MISS**

# J. A. S. Macmillan's Large Sale

of PURE-BRED STOCK, which will be held in BRANDON, on FEBRUARY 4th, 1903.

Stock purchased from this stud has won more prizes at Winnipeg and Brandon Fairs for the last five years than from any other. Mares and fillies of the choicest breeding, combined with quality and substance, will be sold at this sale. For particulars of sale and breeding of stock, watch this page and the Gossip.

- |                       |                         |                                |                      |                   |
|-----------------------|-------------------------|--------------------------------|----------------------|-------------------|
| Princess Dalgarock    | Lady Douglas            | Princess Mailie                | Princess Glencoe 3rd | Marjory MacGregor |
| Princess of Manswraes | Matchless Cherry        | Lady Sturdy                    | Ulla                 | Princess Mysie    |
| Lady MacWhiffles      | 11305 Miss Johns (imp.) | 14065 Wolferton Rosette (imp.) |                      |                   |

I have a few choice stallions for sale. To farmers wishing to form syndicate, they would do well to inspect my stud before purchasing elsewhere. Prices and terms right. For catalogues of stallions and sale, write to Box 483, Brandon. Remember that at the last sale every animal was sold, and don't miss this, the greatest chance ever had in Manitoba for buying pure-bred stock.

## FOR SALE:

### Clydesdale Stallions

Also two aged Clydesdale stallions. Also one very fine young Hackney stallion, winner of first and sweepstakes prize. At very low prices. Write for particulars and prices to

**ROBERT DAVIES,**  
TODMORDEN, ONTARIO.  
OR CITY ADDRESS, om  
34 Toronto Street, Toronto, Ontario.

### Belgian Stallions

Just imported, the finest lot of draft horses that ever came to Canada. For sale:

#### EIGHT BELGIAN STALLIONS

Fully registered; immense size and wonderful action, ranging from 1,700 to 2,200 pounds; all dark colored. All broken to harness. Can pull easy from a road cart to a six-story house. Don't mistake for the clumsy, sleepy Clyde. Extra short back, splendid high feet; no long hair on legs to be bothered with. The Belgian draft horse awarded the first prize at the Paris Exhibition, 1900, beating everything in that class, including Clydes and Percherons—beaten at their own home. Visitors cordially invited. Correspondence solicited.

**"BARON DE CHAMPLouis,"**  
Proprietor, Importer,  
om DANVILLE, QUEBEC.

### CLYDESDALES

AYRSHIRES and  
POULTRY.



R. Ness & Sons, Howick, Que.

Importers of Clyde, Percheron and Hackney stallions, Ayrshire cattle, and poultry, have for sale 5 Clyde stallions, sired by Baron's Pride, Sir Everitt, and Royal Carrick, 1 Percheron, and 1 Hackney, winners. Ayrshires of both sexes, and poultry, om

### GOSSIP.

Messrs. D. C. Platt & Son write to the "Farmer's Advocate" as follows: "Our new importation of Yorkshires arrived home on 24th of November. They are an excellent lot of the right sort, among them being some grand young boars ready for use; also, some gilts fit to breed. We are offering the whole importation at reasonable prices, and we ask those who are in need of good stock or new blood to write us or come and make their own selections."

### SHORT COURSES AT GUELPH COLLEGE.

See the announcement in our advertising columns of the dates for the short courses at the Ontario Agricultural College, at Guelph, in dairying, stock judging and poultry raising. Ladies are admitted to the dairy and poultry courses.

### CANADIAN HEREFORD BREEDERS.

The 12th annual meeting of the Association, for the report of business done, the election of officers and transaction of new business, will be held in Guelph, Ont., on Wednesday, December 10th, 1902, at 10.30 a. m., at the Royal Hotel.

### NOTICES.

**HOME STUDY IN AGRICULTURE.**—We would advise our readers interested in the subject of home study, now so popular—especially those desirous of taking a good course in agriculture—to look up the announcement of the Canada Correspondence College, Toronto, Ont., and write them at once for circulars containing full particulars. In doing so mention the "Farmer's Advocate." This school has a very competent staff of Canadian specialists.

**THE LOUDEN MACHINERY CO** are advertising some goods which farmers who know the value of modern conveniences should consider. Their feed and litter carrier cannot fail to be of great value in any cow stable. It is the most complete implement of its kind yet introduced. The same firm also manufacture hay carriers and barn-door hangers that give satisfaction.

## GRAHAM BROS.' GREAT STUD.



Seeing is Believing.

Come to our stables and see 15 Clyde stallions weighing 15 tons, of the best quality, action and color. We also represent the best Hackney blood in America. om

**GRAHAM BROS.,**  
CLAREMONT, ONT.

## Truman's Pioneer Stud Farm

BUSHNELL, ILL.,

Has for 24 YEARS been headquarters for the CHOICEST

### SHIRE, PERCHERON, SUFFOLK AND HACKNEY STALLIONS.

Sixth importation for this season received November 10th.

### 20 to 30 Good Practical Salesmen Wanted

Best lot of draft stallions in the United States or Canada. Notwithstanding the superior quality of our horses, it is a fact that our prices are lower than can be obtained elsewhere in America. If there is no first-class stallion in your neighborhood please write us. For our 24th annual catalogue, etc., address

**J. G. TRUMAN, MANAGER,**  
BUSHNELL, ILL. om

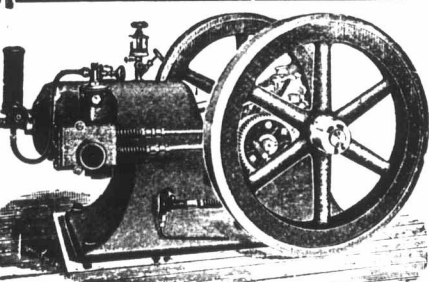




**A SHAMPOO**

with pure soap and water is as essential to the health of the hair as the bath is to that of the skin. It removes dandruff and dust, cures disease of the scalp and prevents baldness. If you care for your hair, use FAIRBANK'S GLYCERINE-TAR SOAP. This happy combination of pure Glycerine, Pine Tar and Pure Soap not only cleanses the scalp, but feeds and tones the hair follicles and keeps the hair beautifully soft and silky. It is the superior soap for all toilet purposes on account of its cleansing and healing properties. Ask your Druggist or Grocer. Made only by THE N. K. FAIRBANK COMPANY Montreal and Chicago. Makers of GOLD DUST Washing Powder.

**GASOLINE ENGINES**



Brandon, November 14th, 1902. MESSRS. BURRIDGE & COOPER, Winnipeg, Man. Gentlemen,—Your letter of the 4th received today. I am glad to say that the "Ohio" Gasoline Engine purchased from you is, I consider, the most perfect engine yet brought into this country, bar none. It has run ever since the minute it was put in. A child can start it, and I think it uses less oil than any we have yet tried. I feel well paid for the humbugging you gave me waiting for it. Yours respectfully, (Signed) W. J. LINDSAY. Write for catalogue and prices. BURRIDGE & COOPER, 124 Princess St., Winnipeg.

**HORSE-HAIR BOUGHT**

To Horse and Stock Breeders, Farmers, Liverymen, etc. Best price given for long horse-hair by T. L. CUMMINS, Hair Merchant, Norway P. O., Canada. Please write, and he will quote price and pay all freight charges.

**DR. PAGE'S ENGLISH SPAVIN CURE**

For the cure of Spavins, Kingbone, Curbs, Splints, Windgalls, Capped Hock, Strains or Bruises, Thick Neck from Distemper, Ringworm on Cattle, and to remove all unnatural enlargements. This preparation (unlike others) acts by absorbing rather than blister. This is the only preparation in the world guaranteed to kill a Ringbone or any Spavin, or money refunded, and will not kill the hair. Manufactured by DR. FRED. RICK A. PAGE & SON, 7 AND 9 YORKSHIRE ROAD, LONDON, E. C. Mailed to any address upon receipt of price, \$1.00. Canadian agents:—J. A. JOHNSTON & CO., DRUGGISTS, 171 KING STREET, EAST, TORONTO, ONT.

**JOHN GARDHOUSE, HIGHFIELD P. O., ONT.**

Breeder of SHIRES, SHORTHORNS and LEICESTERS. Young stock for sale, both sexes, Scotch and Scotch topped Shorthorns of such noted families as Imp. Bolles, Claret, Lovelys, Roscham, Blossoms, Creses, Roses, and other noted families. The Imp. Lancaster bull, Prince Louis—3 years old, the head of Farm 31 miles from Weston station, G. T. R. and C. P. R., and 11 miles north west of Toronto.

**J. M. GARDHOUSE, WESTON P. O., ONT. SHIRE AND CLYDE HOUSES, SHORTHORN CATTLE, LEICESTER SHEEP.**

One imp. 4-year-old Clyde stallion, brother to the champion Hiawatha, for sale. Also Clyde and Shire stud colts. Neanham's Duke, the only silver medal Shire stallion, in service. Also bred by W. S. Marr, 1 piermill, heads the herd. Imported and home bred cattle for sale. Farm, 15 miles from Toronto, Weston station, G. T. R. and C. P. R., telephone and telegraph offices.

**GOSSIP.**

At Saskatoon, a booming town on the Prince Albert branch of the C.P.R., is located the Saskatoon Shorthorn stock farm of Mr. J. J. Caswell. Mr. Caswell first began operations at Osler, twenty miles further north, but recently moved to Saskatoon. At present there are about forty head of pure-breds in the herd, consisting of three bull calves, three yearling bulls, the herd bull, Nobleman's Pride, and thirty-three females. Among the latter, Pride of the West, a strou, roan cow, and Lady Stanley, also roan, were most prominent. The stock bull, Nobleman's Pride 37673, by Nobleman, is deserving of special mention. He is a red two-year-old, bred by J. G. Barron, Carberry, Man., a blocky, solid-looking bull, with unusually true lines, and a broad, well-covered back. His first crop of calves are very gratifying to Mr. Caswell. Nobleman's Pride is easily the best bull ever in use in Saskatoon.

Bismarck =28313—, a very smooth, strong, snort-legged, thick-set bull, with well-sprung ribs and full hind quarters (formerly owned by J. S. Robson, Manitou), is the present stock bull of Mr. John Jarvise, of the same place. Bismarck was got by Maxon =24864—, and out of Dony Eugene, by Chivalry; Lady Eugene, by Baron (Imp.). The cows, thirteen in number, are a strong, useful lot. Several of them were purchased at the sale of R. D. Foley & Sons, Duchess of Rosedale 9th, by The Corker, out of Duchess of Rosedale 9th, by Delance, traces back to the Isabelle family, along with four other good ones of similar breeding. The calves are sired by General Turner and Colin of Bonnie Doon, the year-olds by Diamond of Bonnie Doon, and the two-year-olds by Bismarck. Quite a number of first-class colliers are also kept. Raider, a grand son of Mitchell Wonder, and out of Mollie of Fleet, being one of them. This grandly-proportioned dog is quite a show-ring winner, one of his laurels being first prize at the Winnipeg Industrial this year. Beth, by Raider, and out of May, is another genuine good one.

On his farm, three miles north-west of Moruen, Dr. McConnell has some choice pure-bred stock. Shorthorn cattle, Hampshire sheep and Berkshire pigs are all kept on this farm. The prize-winning bull, Scottish Beau, formerly owned by Hon. Thos. Greenway, and now the property of Dr. McConnell, is a fine animal. He also has a remarkably large three-year-old heifer, which gives 90 mnes around the head. His cows are a fine lot, and a particularly large yearling bull was also noticed, as well as one sheep and a large number of pigs. Dr. McConnell's idea is to raise a hardy class of stock, suitable to present conditions in Manitoba. He believes that too many stock breeders are interested in a class of cattle which require a great deal of care and labor, and which, owing to that, are not of the same practical use to the farmer for money-making purposes. His cattle are large, well-built and hardy. They are running on the prairie during the day, and their only shelter at night is a shed. Daily they are seen rising from the prairie grass, and every one of them is in prime condition. It is interesting to watch the work of two well-trained Scotch sheep dogs on the Doctor's farm, as they bunch the sheep, separate a number from the flock, or obey any other order given.

Royal Hope, by Crown Jewel 10th, by Nonpareil Chief, by Indian Chief (Imp.); dam Roan Duchess, of the Duchess family, of Bates blood, is the present stock bull of P. Hyslop & Son, Killarney, Man. Royal Hope possesses both scale and quality, carrying a great depth of natural flesh well down to the hocks. He is a strong, straight bull, and a first-class sire, as proved by the present young things on the Hyslop farm. All females three years old and under, with one exception, were sired by Hope, and a very choice lot they are. There are eleven breeding females on this farm, representing the Butterlys, bought from Thompson Bros., St. Mary's, Ont.; the Abbotts, from J. E. Smith, Brandon, Man.; and he from Watt, of Salem, Ont.; and the Beautys and Isabels, from W. H. Platt, of Hamilton. These cows are strong individuals, low-set and thick. Percherons are also kept on this farm, and two fine mares have lately been purchased from Oak Lawn, Iowa. One of them, sired by Invincible, a very good animal, was selected owing to her good breeding qualities; some of her stock being seen before the purchase was made. A beautiful coach mare, Esmeida, sired by Perfection, and out of Imp. Hironde, was also bought at Oak Lawn. Esmeida won the championship at the Chicago Horse Show, 1897, over all coach and carriage breeds, right represented of her own age. Perfection (her sire) was champion over all ages of coach and carriage breeds at same show. Her dam was second place at the same but got second mate, and her suckling colt was even better, winning championship in road class over both breeds. Special mention is made of the numerous prizes won by this outstanding coach mare.



**5/A BIAS GIRTH BLANKETS NEVER COME OFF. OUR SPECIALS:**

80 inch Dutch Kersey Blanket, bound all around and center of back, snap on front, 2-inch 5/a bias girths, shaped on rump and neck. Sent, express paid, \$2.25 each, \$4.50 per pair. 80-inch Jute Cover, wool lined, shaped on rump and neck. Sent, express prepaid, \$1.50 each, \$3.00 per pair. 80-inch extra heavy Jute Cover, extra heavy wool lined, every blanket weighing 11 lbs., shaped on neck, 1-inch buckle and strap. Sent, express prepaid, for \$2.25 each, \$4.50 per pair. Best value to be had anywhere. 80-inch heavy brown Duck, extra heavy wool lined, shaped on rump and neck. A great wind and rain protector. Good value. Sent, express prepaid, \$2.50 each, \$5.00 per pair. 80-inch 100% white Duck, extra heavy wool lined, shaped on rump and neck, rain and wind proof. Sent, express paid, for \$2.75 each, \$5.50 per pair. These blankets are sold express paid for same price as they can be bought for in Winnipeg. Points outside Manitoba add 25c. per pair.

**A. E. WIMPERIS, 594 MAIN ST., WINNIPEG.**

**FOR SALE: DRAFT HORSES OF ALL AGES.**

Owing to lack of range, we have decided to cut our herd of draft horses down to one-half and sell 2,000 head at greatly reduced prices. This great selection of mares, geldings and growthy youngsters of all ages represents the results of seventeen years of judicious mating to strictly high-class Percheron, English Shire, Clydesdale and Hackney sires. We can furnish high-grade brood mares and fillies with foal to imported and home-bred registered stallions, and have always on hand a large and first-class selection of registered and high-grade Percheron and English Shire stallions, also registered mares and fillies of same breeds. Correspondence solicited. Inspection invited.

**LITTLE MISSOURI HORSE COMPANY, W. G. CLARK, SUPT., GLADSTONE, NORTH DAKOTA.**

**BUY YOUR STALLIONS**

From a long-established firm that has an unquestioned reputation for always handling FIRST-CLASS HORSES at reasonable prices, and whose representations and guarantees have always been made good.

Our present stock of



**Clydesdales, Suffolks and Percherons**

Is complete and quite superior to anything in the country.

**ALEX. GALBRAITH & SON,**

JANESVILLE, WISCONSIN.

Permanent Branch Stable at Brandon, Man. JAMES SMITH, Manager.

**BROOD MARES For Sale**

The Bow River Horse Ranch Proprietors

Retiring from breeding. Will sell the following lots, to be taken up by the 1st of Dec. 1902.

- 35 well-bred, up-standing mares, 1 year old and under, weighing 1,000 lbs.; sired by imported Thoroughbred and Standard-bred stallions. All believed to be in foal to French Coach, Shire and Clyde stallions. All have been halter-broken, and a record of their breeding kept.
- 23 3-year-old fillies, sired by the imported French Coach (1,400 lbs.). Will make big, handsome mares, and are still in foal to the Shire, Clyde and French Coach.
- 35 heavy mares, 1.50 to 1,400 lbs., mostly Clydesdales, some of the heaviest drivers. A good many of these are broken to harness, and are of the Shire, Clyde and French Coach "Fulano" stallions, which are the best of the breed.

G. E. GODDARD, Proprietor, Bow River, Man.

Please Mention the Farmer's Advocate.



# GEO. E. BROWN, AURORA, ILL.

HAS BEEN A LEADING IMPORTER OF HIGH-CLASS

## SHIRE HORSES

For about thirty years. He has now established a  
**BRANCH AT BRANDON, MANITOBA,**  
where a choice lot of stallions will be kept on hand.

ADDRESS ENQUIRIES TO AURORA, ILL., OR BRANDON, MAN.

## Dalgety Bros.

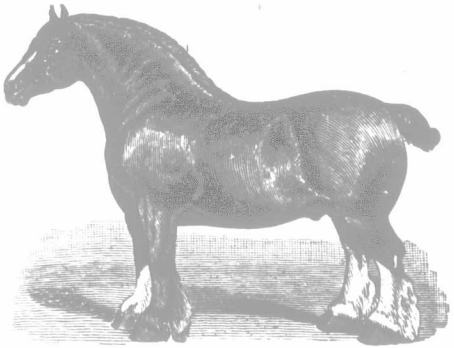
LONDON, ONT.,

Largest Importers of Horses in Canada.

OUR third consignment for this year of stallions and fillies is now on the ocean, and will be at the

**Black Horse Hotel, Toronto,**

on and after Monday, November 24th. Come quick, if you want a good one.



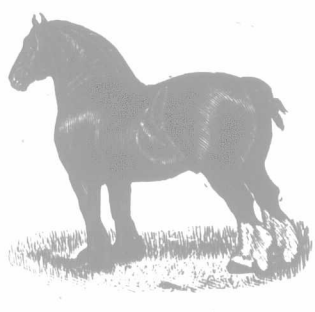
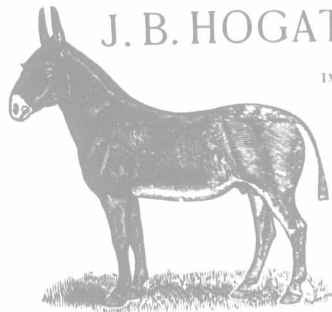
DALGETY BROS., LONDON, ONT.

## International Importing Barn, Sarnia, Ontario.

J. B. HOGATE, PROPRIETOR.

IMPORTER OF

**Clydesdale and Shire Stallions, and Spanish Jacks.**



My third importation within the last fourteen months arrived Sept. 4th.

I select every one myself, and it is conceded both in Europe and America that I do get the best ones that cross the Atlantic to America. My stallions are sired by the leading sires of Scotland; ages from two to four years. The Jacks are direct from Spain, and registered, two to four years old, 14 to 15 hands high. I pay cash for my stock. I buy where I can get the best. Write for particulars. Will save you money. Mention this paper when you write.

H. H. CALISTER, Manager and Salesman.

## Imp. Clydesdales and Shorthorns

Messrs. Smith & Richardson,  
COLUMBUS, ONT.,

Importers and breeders of Clydesdale horses and Shorthorn cattle, are now offering 14 stallions, 9 of them imported, including brothers of the world-renowned Baron's Pride, Hiawatha, and Royal Cairnton; also 13 mares bred from imported stock. Shorthorns, imported and home-bred, all ages. Stations:

Oshawa & Brooklin, G.T.R., Myrtle, C.P.R.

Long-distance Telephone, Columbus.  
Telegraph, Brooklin.



## 10 CLYDESDALE STALLIONS

FOR SALE:

OF ALL AGES, IMPORTED AND HOME-BRED.

Sired by such noted sires as Baron's Pride, Mains of Airies, Sir Christopher, Prince Thomas, and others. Among them is Prince Fragrant, the first-prize three-year-old at Toronto Industrial, 1902. Stables half mile from town. Parties desiring to purchase, please write or call upon:

R. R. Station:  
Mitchell, G. T. R.

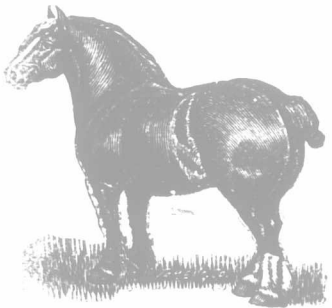
Wm. Colquhoun, Mitchell, Ont.



## Clydesdales and Shorthorns

FOR SALE: Seven choice young stallions, and several young mares and fillies. Five young bulls and bull calves, and thirty-five excellent young cows and heifers. Mostly registered in the American Herdbook.

JOHN BRIGHT, MYRTLE, ONTARIO.



PLEASE MENTION THE FARMER'S ADVOCATE.

### GOSSIP.

The car situation at Morden is fairly satisfactory and no great shortage has been experienced there this season. The elevator capacity at this point amounts to over 200,000 bushels.

Messrs. Lawrie Bros., of Morris, intend visiting the Chicago International next month, with the intention of purchasing pure-bred stock. A Galloway bull for breeding purposes on their farm will be one of the purchases.

J. S. Grant, of Osler, Sask., has recently reduced his herd of cattle to twelve head. The extra press of other business, owing to rapid settlement, has compelled Mr. Grant to follow this course. He still retains Lord Lossie 21st, by Caithness, at the head of his herd. This bull has proven a good investment for his owner, having got some extra fine stock.

Joseph H. Baskerville, a poultry fancier who lives near Dominion City, has quite a number of fine Plymouth Rocks, and intends making a large addition next spring to his present poultry stock. Mr. Baskerville firmly believes in the general usefulness of the P. Rock as a good, all-round utility bird.

Messrs. J. B. & J. A. Power, of Helledale stock farm, Power P. O., North Dakota, lately purchased from Purvis Thompson, of Pilot Mound, the well-known Shorthorn bull, Caithness. This show-ring winner is also a splendid stock-getter, smooth, straight and strong, with great depth, short legs, and an even covering of thick natural flesh. His handling qualities are also prime. In him Messrs. Power have got the right stamp of a sire to place at the head of their extensive herd.

The following butter tests have been accepted for publication by the American Jersey Cattle Club, for the week ending October 21st, 1902: St. L.'s Daisy of Park Farm 117191—Butter, 18 lbs. 34 ozs.; milk, 259 lbs. 2 ozs. Test made from September 5 to 11, 1902; age, 6 years 8 months; estimated weight, 1,000 lbs.; fed 8 quarts bran and 2 quarts rye chop daily—good blue grass and timothy pasture during daytime, hay ad lib. in stable during the night. Maury's Rexina 149962—Butter, 14 lbs. 2 ozs.; milk, 233 lbs. Test made from July 21 to 27, 1902; age, 4 years 4 months; estimated weight, 800 lbs.; fed 126 lbs. bran, 7 lbs. shorts, 9 lbs. oil meal and 5 lbs. cotton-seed meal—red-top pasture. Treasure of Millbrook 141364—Butter 15 lbs. 5 ozs.; milk, 241 lbs. 6 ozs. Test made from August 29 to September 4, 1902; age, 3 years 10 months; estimated weight, 700 lbs.; fed 98 lbs. cotton-seed meal, 140 lbs. cotton-seed hulls, and 175 lbs. green corn—Burmuda grass pasture at night.

### RESTRONGUET STOCK FARM.

Lord Loggans (imp.) (79270), sired by Monocrest (67505), out of Wild Duchess 16th, by Treforrest (63452); grandam Wild Duchess 12th, by Oxford Beau 2nd (61391); third dam Wild Duchess 5th, by Duke of Hindlip 2nd (46246), is the present stock bull owned by Joe Lawrence & Sons, of Clearwater, Man. This two-year-old roan was bought from W. J. Hoskin, Loggans Mill, Hayle, Cornwall, England, this summer and brought over by Mr. Lawrence along with three others. Lord Loggans possesses prime quality, is straight and smooth, of good size, with plenty of bone. A full brother, one year old, was also brought out at the same time, as well as two reds bought from T. F. Roskrug, Trenethick, Heston, Cornwall, England, one, a two-year-old, Argosy 78247 (imp.), sired by Norman 13140; dam Actress, by Baron Bridekirk 15th 63639; grandam Amber Byron, by Robin Hood 61631. Argosy is one of the strong, useful kind, with plenty of stamina, and the yearling, Oberon, a half-brother of his, is another of the same heavy, useful type. There are also on this farm about forty home-bred bulls from twelve to eighteen months old, which gives purchasers splendid opportunities for selection. There are fifty-five calves on this farm under one year, sired by George Bruce and Jubilee King; also, six yearling heifers by George Bruce. Jubilee King was lately sold to R. P. Ross, of Deloraine, Man., and George Bruce now heads the herd of Riley & Greenwood, Bartlett, Neb. The total number of cows are seventy-one, many of them of large, roomy, square type, possessed of great scale and plenty of bone. Quite a number of them were sired by Indian Warrior and Sittston Stamp (imp.) Numbers of both sex for sale. See ad. which appears in this issue.

### HORSEMEN! THE ONLY GENUINE IS

## GOMBAULT'S CAUSTIC BALSAM.

None genuine without the signature of  
*The Lawrence, Williams Co.*  
Sole Importers & Proprietors for the  
U.S. & CANADA, CLEVELAND, O.

The Safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle, SUPERSEDES ALL CAUTERY or FIRING. Impossible to produce scar or bluish. Every bottle is warranted to give satisfaction. Price \$1.50 per bottle. Sold by Druggists, or sent by Express, charges paid, with full directions for use. Send for free descriptive circulars. THE LAWRENCE-WILLIAMS CO., Toronto, Ont.

### The Flow of Milk will be increased.



Why go to all the trouble of keeping cows and get only about half the milk they should produce.

### Dick's Blood Purifier

strengthens the digestion and invigorates the whole system so that the nutriment is all drawn from the food. It takes just the same trouble to care for a cow when she gives three quarts as when she gives a pail. Dick's Blood Purifier will pay back its cost with good interest in a few weeks. 50 cents a package.

Leeming, Miles & Co., Agents,  
MONTREAL.  
Write for Book on Horses and Cattle free.

## Tuttle's Elixir



Cures all species of lameness, curbs, splints, contracted cord, thrush, etc. in horses. Equally good for internal use in colic, distemper, founder, pneumonia, etc. Satisfaction guaranteed or money refunded. Used and endorsed by Adams Express Company.

TUTTLE'S FAMILY ELIXIR Cures rheumatism, sprains, bruises, etc. Kills pain instantly. Our 100-page book, "Veterinary Experience" FREE.  
Dr. S. A. TUTTLE, 66 Beverly St., Boston, Mass.  
Beware of so-called Elixirs—none genuine but Tuttle's. Avoid all imitations; they offer only temporary relief if any.  
LYMAN, KNOX & SON, Agents,  
Montreal and Toronto, Canada.

### CHOICE HEREFORDS

A. S. HUNTER, DURHAM, ONT., has for sale the following high-bred Herefords:  
25 Young Registered Bulls.  
30 Young Registered Heifers.  
10 Young Registered Cows.

The above stock are in good condition, and are bred from imported and American-bred sires. Ranchers will do well to inspect this offering.

### SALE! INGLESIDE HEREFORDS.



Young bulls, cows and heifers of most up-to-date type and breeding. If you want good Herefords at good-value prices, send for illustrated catalogue, and state requirements. Also send for bred Hereford cows and heifers.  
H. D. SMITH,  
Compton, Que.

"Tweedhill" Aberdeen-Angus. Individuals from this herd or their calves have been first at all the best shows since 1896. Females and young bulls for sale. JAMES SHARP, ROCKSIDE, ONTARIO, Cheltenham station, C. P. R., and G. T. R.

### ABERDEEN - ANGUS.

For Sale: Laird of Tweedhill 29486. A prizewinner, 4 years old; 1-year-old bull and two bull calves, sired by him and out of winners.

W. HALL, Washington P. O., Drumbo Station.

PLEASE MENTION FARMER'S ADVOCATE.





**Stock Water Bowls**

DOUBLE AND SINGLE. PAINTED OR GALVANIZED. Circular and quotations given. Write:

**A. M. RUSH, HARRISTON, ONT.**

**THE ONTARIO VETERINARY COLLEGE (LIMITED),**

TEMPERANCE ST., TORONTO, CANADA

Affiliated with the University of Toronto. Patrons: Governor-General of Canada, and Lieut.-Governor of Ontario. Fee \$65.00 per session. Apply to **ANDREW SMITH, F.R.C.V.S., Principal.** 18-2-y-om

**J. Richards, Bideford, P. E. Island,** Importer and breeder of Aberdeen-Angus Cattle, Clydesdale Horses, Shropshire Sheep, and Shetland Ponies. Stock always for sale. om

**Centre Wellington Scotch Shorthorns** Young bulls, heifers and young cows for sale. Farm adjoining town on G. T. R. and C. P. R. Correspondence solicited. om

**H. B. Webster,** Box 66. FERGUS, ONT.



**T. DOUGLAS & SONS, STRATHROY, ONT.,** BREEDERS OF

**Shorthorns & Clydesdales** 100 SHORTHORNS TO SELECT FROM. Herd bulls (imp.) Diamond Jubilee = 28861 = and Double Gold = 37852 =. We offer for sale a choice lot of young bulls, cows and heifers of all ages. Also one 3-year-old stallion, and one 4-year-old brood mare. Farm one mile north of town. om

**Bulls! Shorthorns**  
**Bulis!** IMPORTED and CANADIAN-BRED

ORDERS TAKEN FOR BULLS AND HEIFERS, COTSWOLD AND LEICESTER SHEEP, YORKSHIRE AND BERKSHIRE PIGS, AND DELIVERED TO ANY PART OF MANITOBA OR THE NORTHWEST. Write for prices. Satisfaction guaranteed.

**Goodfellow Bros., Macville, Ont.** om

**W. G. PETTIT & SONS** FREEMAN P. O., ONT., IMPORTERS AND BREEDERS OF

**Scotch Shorthorns and Shropshire Sheep,**

Make a Special Offering for May and June:

One of our imp. stock bulls, 3 years old, red; one imp. bull, 2 years, roan; two bulls imp. in dam, 15 months; four bull calves from imp. cows, 12 and 14 months; four home-bred bulls by imp. bulls, 13 to 18 months; seventy live imp. and home-bred cows and heifers, all ages. Catalogues on application. om

**Burlington Jct., G.T.R. Stn., Tele. & 'Phone.**

**Maple Lodge Stock Farm.** ESTABLISHED 1864.

**SHORTHORNS.** First prize milking strains, best Scotch breeding. Young bulls and heifers for sale. **LEICESTERS.** A lot of lot of ewes, bred to our imported rams, and also some rams, new for sale.

**A. W. SMITH,** Allas Craig Station, Maple Lodge P. O., G.T.R., 34 miles. om

**SHORTHORNS FOR SALE!**

Six good bulls, fit for service; also females. Imp. Prince William at head of herd. **JAS. GIBB, - - BROOKSDALE, ONT.**

**J. & W. B. WATT,**

SALEM, ONTARIO, POST OFFICE AND TELEGRAPH OFFICE. BREEDERS AND IMPORTERS OF

**Shorthorn Cattle, Clydesdales, Leicesters, Oxfords, and Berkshire Pigs.**

Our herd represents such families as Matchless, English Lady, Mildred, Village Buds, Missie, Stamford, Mysie, Vanillas, Claret, Marthas, and others. The imported bull, Scottish Peer, and Coming Star, a prizewinner at Chicago in 1901, head the herd. Imported and home-bred stock for sale. Also twenty registered ewes and lambs.

Farms 2 miles from Elora Stn., G.T.R. and O.P.R., 13 miles north of Guelph. om

**Shorthorns and Yorkshires** In Shorthorns we are offering four young bulls from 7 to 9 months, also a few heifers. In Yorkshires we can supply either sex of various ages. All at o. **J. R. McCallum & Son,** living prices. Iona Sta. and P. O., Elgin Co.

**Spring Grove Stock Farm**

Shorthorn Cattle and Lincoln Sheep.



HERD prize and sweepstake at Toronto Industrial Exhibition 1897 and 1898. Herd headed by the Marr Missie bull, Imp. Wanderer's Last, last of the get of the great sire, Wanderer, of the Cruickshank Brawith Bud tribe. High-class Shorthorns of all ages for sale. Also prize-winning Lincolns. Apply om

**T. E. ROBSON, ILDERTON, ONT.**

**SHORTHORNS, SHROPSHIRE, COTSWOLDS.** We are now offering a number of heifers and heifer calves; a few bull calves; a number of cows; all bred in the purple and as good as the best. Also Shropshire and Cotswold sheep. om **JOSEPH BELL ESTATE, Bradford P.O. & Sta.**

**SHORTHORN BULLS FOR SALE:** A choice lot of Shorthorn bulls from 10 to 16 months old, sired by Imp. British Statesman (63729) = 20833 =; and cows of the Mara family. They must be sold at once. Prices away down to suit customers. **FITZGERALD BROS.,** Elmvale Station, G.T.R. Mount St. Louis P. O.

**RIVER FARM SHORTHORNS**

I am now offering 6 choice young bulls, from 8 to 16 months old, sired by Lord Lavender 26855. They are rare good ones. Price right. om

**H. PARKER, DURHAM P. O. and STATION.**

**High Park Stock Farm** Galloway Cattle. A few choice young heifers and bulls for sale. Inspection invited. om **SHAW & MARSTON (Late A.M. & R. Shaw)** P. O. Box 294, BRANTFORD, ONT.

**Rosevale Shorthorns**

We are offering for sale several cows and heifers bred to Maringo's Hyden Duke (imp.), son of the great champion Maringo. Also several bred to Golden Able, imp. in dam. Also some choice young bulls. Any wishing to purchase apply at once. om

**W. J. SHEAN & CO.'Y,** OWEN SOUND, ONT.

**SHORTHORNS (IMP.)**



Cows and heifers, imp. and home-bred. Bulls, imp. and home-bred—all ages. Representing the fashionable blood of Scotland. om

**EDWARD ROBINSON,** MARKHAM P. O. & STN.

Shorthorns, Berkshires and Leicesters.

FOR SALE: Choice two-year-old heifers, well gone in calf; also yearling heifers, bull calves. Boars and sows fit for breeding, and young pigs. om **ISRAEL GROFF, ALMA, ONTARIO.**

**HAWTHORN HERD**

of deep-milking Shorthorns for sale. Six young bulls of first-class quality and from A1 dairy cows. **WM. GRAINGER & SON,** om **Londesboro, Ont.**

**GEO. ISAAC, BOMANTON, ONT.,** IMPORTER AND BREEDER OF

**Scotch Shorthorn Cattle**

Have imported, this year, 68 head of Shorthorns—6 bulls and 62 females. Twenty-seven head due to leave quarantine 11th Sept. Intending purchasers should see this stock or correspond. om **BOMANTON P. O., COBURG STATION, G.T.R.**

**SHORTHORNS.**

COTSWOLD HERD. ESTABLISHED 27 YEARS.

Imp. Royal Member and Sailor Champion now at head of herd, which are all bred on straight Scotch blood and are of the up-to-date kind. Present offering: some choice young bulls. om

**REDMOND BROS., Millbrook Sta. and P. O.,**

*Fleming's 3 are free if they fail.*

**They Put a Stop to Loss on Stock**

**Few Spavins Now Incurable.**

Nearly all can be cured, most can be removed with a single 45-minute application. It is useless to question this because we charge nothing for **Fleming's Spavin Cure** if it ever fails. Equally certain for Ringbone, Splint and Curb. "I write to thank you for the good accompaniment with the Spavin Cure. It is worth its weight in gold." So writes Judge F. R. Tarver, Tusculum, Ga., May 10, 1901. We wish to send you more such reports and a valuable booklet.

**FISTULA AND POLL EVIL CURED.**

Once seldom cured and then after months of treatment. Now all cases can be cured in 15 to 30 days with **Fleming's Fistula and Poll Evil Cure.** Not one failure during two years' test of it. Write by next mail for our free treatise.

**Lump Jaw Has No Right to Exist.**

**Fleming's Lump Jaw Cure** has made it a perfectly easy matter to exterminate this disease. Severe or mild cases alike yield to the remedy. Easy, common-sense, economical method that has already saved stockmen hundreds of thousands of dollars. Valuable information free. Write us at once for literature on any or all of the above. Mention this Paper.

**FLEMING BROS., Chemists, - 36 Front St., West, Toronto, Ont.**

**Page Acme Poultry Netting**

is close meshed at bottom and does not require rail or board support at edges, having strong straight wire (No. 12 gauge) at top, bottom and in centre, cannot sag and is easy to erect. The "Page Acme" netting is of neat appearance, very durable and cheap. We also make farm and ornamental fence, gates, nails and staples. The name of Page is your guarantee of quality.

The Page Wire Fence Co., Limited, Walkerville, Ont. 5

NOTE: CLOSE MESH AT BOTTOM

**H. SMITH, EXETER, ONT.**  
**Scotch-bred Shorthorns.**

CHOICE SPECIMENS OF BOTH SEXES FOR SALE.

FARM ADJOINS EXETER, ON THE LONDON AND WINGHAM BRANCH OF THE G. T. R. 30 MILES NORTH OF LONDON. om

**Scotch Shorthorns**

BREEDING FEMALES ALL IMPORTED.

Imp. Golden Drop Victor our present stock bull. Eleven young bulls and some young cows for sale at reasonable prices.

**H. CARGILL & SON,** Cargill Station, G. T. R. CATALOGUE FREE. om Cargill, Ontario.

**ARTHUR JOHNSTON**  
**GREENWOOD, ONT., CAN.**

**Scotch Shorthorns**

Now in quarantine, which we will sell in whole or in part; would prefer to sell in Canada. They are

Mostly Yearlings and Two-year-old Heifers. They are Due Home About 10th November. om

**H. J. Davis, Woodstock, Ont.**

40 HEAD IMPORTED and CANADIAN-BRED SHORTHORNS.

22 head just home from quarantine. Includes 10 yearlings and young bulls of the best breeding. Herd headed by the W. L. Bull, Viceroy, Woodstock; Main, and the Lovat om

**Please Mention Farmer's Advocate.**



# Water Basins.



## EIGHT REASONS FOR ADOPTING THE Woodward Water Basins.

7th Price is reasonable. They will wear you nothing after one year. Consequently they are cheap at any price. But we only ask a reasonable price for a valuable article. Try them.

Eighth Reason Next Issue.

**Ont. Wind Engine & Pump Co., Ltd.**  
TORONTO.

Manitoba Agents: Manitoba Pump Company, Brandon, Manitoba

# Canadian Farmers

## AND STOCK - RAISERS

Say Prof. A. V. M. Day's English Tonic Powders are all right for Horses, Cattle, Hogs, Sheep and Poultry in separate packages. Makes a Tonic Stock Food. Prevents disease. Makes flesh and fat. Day's Cream for calves enriches skimmed or separated milk, prevents scours, makes healthy fat calves. Ask your dealer for Day's. No other just as good. A free sample sent to any address.

**THE DAY'S STOCK FOOD CO'Y,**  
TORONTO, CAN.

## GREEN GROVE SHORTHORNS :

I am now offering a few heifers, Claret, Floras, and one Missie; also a choice year-old bull, by Aberdeen of Markham.

W. G. MILSON, GOBING P. O. and MAREDALE STATION.

## QUEENSTON HEIGHTS SHORTHORNS SCOTCH AND SCOTCH TOPPED

In service: Derby (imp.) = 32057 = ; Lord Montalis, by Collynie Archer (imp.) = 28860 = . Some choice heifers and young cows with calf at foot or in calf to imported bull at moderate prices.

**HUDSON USHER,**  
QUEENSTON, ONT.

FARM 3 MILES NORTH NIAGARA FALLS

**SHORTHORNS:** We are offering 3 extra choice yearling bulls all from imported sires, straight Cruickshank, with Lavender and Miss Ramsden dams.

THOS. ALLIN & BROS. Oshawa, Ont.

**For Sale** Some choice young YORKSHIRES (Illywell strain) of both sexes and different ages; also young Shorthorn bulls, sired by British Hope (30916). Price moderate.

Write: C. & J. CARRUTHERS, Cobourg Station and P. O., Ont.

## Mercer's Shorthorns

Are represented by Missies, Stamfords, Floras, Claret Princesses, Red Roses, Fashions, Crimson Flowers, and Matchless families. Headed by Village Squire 24993, a son of Abbottsford. Stock of both sexes and all ages for sale.

T. MERCER, MARKDALE P. O. & STN

## Shorthorn Cattle, Lincoln Sheep

Imp. Prime Minister at head of herd. Imp. Clippers, Miss Ramsdens, and other Scotch families. Lincolns won more than half the money and first for flock at the Pan-American; International, Chicago, 1901 and 1902.

J. T. GIBSON, om DENFIELD, ONT.

## Shorthorns, Clydesdales, Yorkshires

I am now offering the bull, Count Amaranth, imp. dam, 2 years old, and young bulls 10 months old; heifers, various ages; Clydesdales, American and Indian registered; and Yorkshires, both sexes and ages.

E. HOSKIN, SPRINGVALE FARM, COBBOURG STA. & P. O.

## SHORTHORNS (imported)

One imported and one Canadian-bred bull, a few cows and heifers.

THOS. RUSSELL, EXETER, ONT.

## NOTICE.

ANOTHER SAWMILL FOR WINNIPEG.—The Rat Portage Lumber Co. have purchased 23 acres of land on the St. Boniface side of the river, and intend erecting a sawmill with a capacity to cut 150,000 feet of lumber daily. This will be a larger output than any other in Manitoba at the present time. The logs will be brought in on the C.N.R. cars, and a mill-pond excavated, into which they can be dumped. Mr. D. C. Cameron will be manager.

## GOSSIP.

Mr. H. J. Davis, of Woodstock, Ont., has recently sold to Mr. Arthur Johnston, Greenwood, Ont., the fine yearling imported Shorthorn heifer, Ballachraggan Favorite, of the noted Broadhooks family, and bred by Mr. Anderson, of Allness, Scotland. She was said by her purchaser to be the best heifer in quarantine in October last. Also delivered to Messrs Shore Bros., White Oak, a fine young imported bull, bred by the Earl of Rosebery, Dalmeny Park, sired by Scottish Beau, and from one of the best Cruickshank-bred cows in the Dalmeny herd. This bull is a roan, of fine character, and should do well in this old-established herd of Shorthorns. Have a very fine lot of imported and Canadian-bred bulls and heifers to offer to intending purchasers. Have recently sold ten imported Yorkshires and a large number of Canadian-bred heifers to different points. Have some extra good boars yet on hand.

## THE IMPORTED BELGIAN HORSES.

Attention is again directed to the advertisement in this paper of an importation from France of eight Belgian stallions, by Baron de Champlouis, a 30000-Frenchman who has settled in Canada, Quebec, having spent two years in Canada, and who writes: "I was amazed at the poor class of horses used by Canadian farmers, and thought something could be done. Having a partner in Belgium, one of the principal breeders of the country, I come with Belgian draft horses, combining life, action and weight—sell like hot cakes in Germany, France and the States—large, flat bone, extra short backs, splendid feet, no surplus hair; first prize at Vincennes, Paris Exhibition, 1900. To look at is to fall in love with them. I have received the greatest encouragement and approbation from the Canadian authorities; have only imported eight stallions for this first experience, but they are all first-class, all fully pedigreed and registered in the Belgium Studbook. Each horse sold with his papers. Ages from two to five; dark colors; just the thing for the Western ranches and the Eastern 'ardes agricoles.' One of them in a township or county would immensely improve the breed in five years. We are naming moderate prices to make the breed known. Every stallion is broken to harness and remarkably gentle." Baron de Champlouis' enterprise is certainly a commendable one, and if these horses have the grit, action and endurance of the French-Canadian horses of forty years ago they will be well worth a trial, for never was a more valuable class of work horses known in this country.

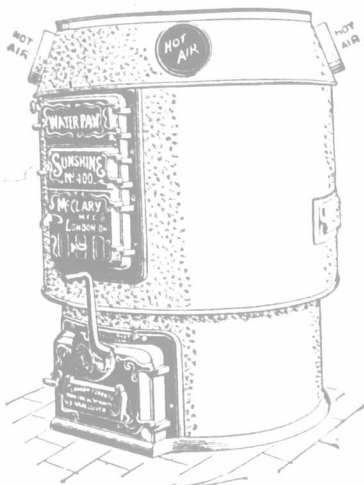
## OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS:

From October 6th to November 7th, 1902, four thirty-day records, two fourteen-day records and twenty-seven seven-day records have been approved. Of the thirty-day records, the highest was made by Kordyke Queen De Kol 41934, age 6 years 7 months 19 days; commencing test 7 days after calving, she produced in 30 days 2,015.8 lbs. milk, containing 77.767 lbs. fat, equivalent to 97 lbs. 3.3 ozs. butter 80 per cent. fat, or 90 lbs. 11.6 ozs. 85.7 per cent. fat. Owners, Henry Stevens & Sons, Lacoma, N. Y.

Of the seven-day records, five were made by full age cows; average age 6 years 9 months 10 days; days after calving, 16; milk 468.4 lbs. fat 16.016 lbs., equivalent to 20 lbs. 0.3 oz. butter 80 per cent. fat, or 18 lbs. 10.9 ozs., 85.7 per cent. fat. Six four-year-olds; average age, 4 years 5 months 9 days; days after calving, 24; milk 369.3 lbs., fat 12.072 lbs., equivalent butter 14 lb. 1.4 cent. fat, 15 lbs. 1.4 ozs., or 14 lbs. 1.4 ozs. 85.7 per cent. fat. Six three-year-olds; average age, 3 years 5 months 8 days; days after calving, 16; milk 346 lbs., fat 11.569 lbs., equivalent to 14 lbs. 7.4 ozs. butter 80 per cent. fat, or 13 lbs. 0.5 ozs. 85.7 per cent. fat. Seven two-year-olds; average age 2 years 5 months 23 days; days after calving, 34; milk 295.7 lbs., fat 9.380 lbs., equivalent to 11 lbs. 11.3 ozs. butter 80 per cent. fat, or 10 lbs. 15.1 ozs. 85.7 per cent. fat. Of the matured cows, the second highest record was made by Lady Wayne Norine 53608; age 6 years 4 months 14 days, who, 21 days after calving, yielded of milk 431 1/2 lbs., butter-fat 17.627 lbs., equivalent butter 80 per cent. fat 22 lbs. 0.5 ozs., or 20 lbs. 9 ozs. 85.7 per cent. fat. Food consumed, 294 1/2 lbs.; oil cake 26.5 lbs.; oats 21 lbs.; bran 70 lbs.; and chopped barley 28 lbs. Owner, George Rice, Currie's Crossing, Ont.

The same owner's heifer, Lady Wayne Norine Mechilde 54612, age 2 years 20 days, 11 days after calving, gave of milk 257.9 lbs., butter-fat 9.555 lbs., equivalent butter 80 per cent. fat 11 lbs. 15.1 ozs., or 11 lbs. 2.4 ozs. 85.7 per cent. fat. Owner, Geo. Rice, Currie's Crossing, Ont.

# Meet a Farmer's Needs "Sunshine" FURNACE.



Burns coal and wood successfully. Wood can be used in spring and fall, and coal in severe winter weather.

Large double feed-doors will admit rough, twisted wood.

The "Sunshine" will extract more heat from the same amount of fuel than any other heater, and no other good furnace is so cheap.

# "Cornwall" STEEL RANGE.

Made entirely of heavy steel plate.

All wearing parts are extra heavy.

Burns coal or wood, grates always being supplied for both.

Has an exceedingly handsome appearance, and a design distinctly its own.

Will last a lifetime without repair.



WRITE FOR BOOKLETS.

# McCLARY'S

LONDON, TORONTO, MONTREAL, WINNIPEG, VANCOUVER, ST. JOHN, N.B.

**Orchard Hill Shorthorns.** I am now offering 13 heifers from six months to two years, 4 bulls from 10 to 13 months old, and 7 very heavy milking cows. Here is a rare chance to get stocked with pure-bred cattle at reasonable terms. A. Johnston, Vandeleur P. O., Markdale Sta.

**Lakeview Shorthorns.** Herd represented by such noted families as Stamfords, Minas, Marr Floras, Crimson Flowers, Village Girls, Bucan Lassies, and Lavinas. Stock of both sexes and all ages for sale.

**LEONARD BURNETT, GREENBANK, ONT.,** BREEDER OF Shorthorn cattle and Shropshire sheep.

**Scotch Shorthorns!** Nonpareils, Mysias, Isabelas, Urys, Minas, Strawberry, and Matchless. Animals of both sexes and all ages for sale. Also choice Berkshires.

**J. W. HARTMAN & SONS,** Montrose Farm, Elm Hedge P. O., Meaford Sta.

**HIGH-CLASS SCOTCH SHORTHORNS** of the following families, for sale at moderate prices: Village Girls, Broadhooks, Beaufort Roses, Missies, Clarets, Marr Floras, Nonpareils, Minas and other choice families. Write for catalogue. Shropshire rams and ewes for sale as usual.

**ROBERT MILLER, Stouffville, Ont.**

**BONNIE BURN STOCK FARM,** 40 rods north of Stouffville station, offers Scotch Shorthorns; choice Shropshires and Berkshires from imported and Canadian bred sows. All at farmers' prices. Inspection invited.

**W. H. RUSNELI, STOUFFVILLE, ONT**

## SCOTCH SHORTHORNS.

We are now offering a few young bulls, from 6 to 11 months; also a few heifers, from 6 months to 2 years; all showing No. 1 quality.

**W. G. HOWDEN, COLUMBUS P. O.**

## SPRINGBANK FARM.

Shorthorn Cattle, Oxford Sheep, and Bronze Turkeys. Young bulls for sale.

**JAS. TOLTON, WALKERTON, ONT.**

**SCOTCH SHORTHORNS.** Urys, Stamfords and Matchless. Young, vigorous females, all ages, for sale. Shropshire sheep and Yorkshire pigs.

**ROBT. BATTY, Glenbourne Farm, Meaford P. O. & Sta.**

**WANTED** AN EXPERIENCED HERDSMAN for a large Shorthorn herd, also a man competent to take charge of Large Yorkshires. Unmarried men preferred. State references in first letter.

**THOS. H. CANFIELD, Lake Park, Minnesota, U.S.A.**

## English Shorthorns.

Booth and Bates Shorthorns, topped with Cruickshank bulls. Young cows, bulls and heifers always on hand for sale. Eligible for the American herdbook, Royal and Highland prizewinners included for the last two years. Close on \$400 won in prizes last year and this.

**WM. BELL,** Ratcheugh Farm, Alnwick, Northumberland, Eng.

## Ridgedale Farm Holstein-Friesians for Sale.

2 yearling bulls; also bull and heifer calves; all of choice breeding. Prices always reasonable. Write, come and see them. R. W. WALKER, Utica P. O. Shipping stations: Port Perry, G. T. R.; Myrtle, C.P.R.

## 4 HOLSTEIN BULLS 4

FOR SALE: From 4 to 7 months old, having sires in their pedigrees from such strains as Inks, Netherlands, Royal Aagie, and Tritonia Prince, and out of imported females that have proven their worth at the fair. THOS. B. CARLAW & SON, Warkworth.

## St. Lambert Bull,

15 months old; solid color.

Strong and vigorous. His dam, sire's dam and her dam and granddam are all tested cows. This bull is a snap for a St. Lambert fancier. Also young bulls sired by Brampton Monarch (imp.) and out of tested show cows, and cows and heifers in calf to him. For prices, etc., address

**B. H. BULL & SON, BRAMPTON, ONT.** G. T. R. and C. P. R. stations.

## JERSEYS, COTSWOLDS, YORKSHIRES.

Registered Jersey cattle, Cotswold sheep and Yorkshire pigs for sale. A few nice heifers, 6 mos. to 2 years, and 1 yearling bull, by Count of Pine Ridge, grandson of Adelaide of St. Lambert, record 84 lbs. milk daily. om WM. WILLIS, NEWMARKET, ONT.

## LAWNRIDGE STOCK FARM.

Jerseys for Sale. Yearling bull and bull eight months old. Registered cows and heifers of choicest breeding and individuality. Some fresh and others coming in soon. 100 head to choose from.

**J. L. CLARK,** Norval station: G. T. R. Norval P. O.

## Best Jersey Bulls


AT LOWEST PRICES.

Owing to the large sale of registered Jersey cows, all in milk (18 head), that I have just made, I offer several bull calves, of unsurpassed breeding and from tested dams, at prices that will surprise purchasers. This, because the sale of so many cows in profit leaves me short of milk for the present. Also some choice heifers in calf.

**Mrs. E. M. Jones, Brockville, Ont.** Box 324.

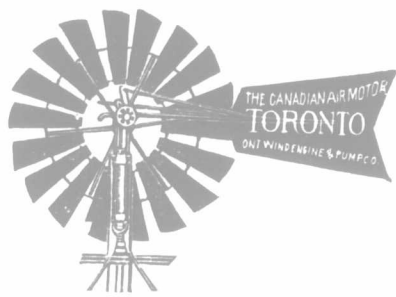


**9 CORDS IN 10 HOURS**  
 RUNS EASY No Backache weighs only 41 lbs. **SAWS DOWN TREES** EASILY CARRIED



BY ONE MAN with the FOLDING SAWING MACHINE. It saw down trees. Saws any kind of timber on any ground. One man can saw more with it than 2 in any other way. Made at Essex Center, Ontario. No duty to pay. Write Main Office for illustrated catalogue showing latest IMPROVEMENTS, and testimonials from thousands. First order secure screw. Address FOLDING SAWING MACHINE CO., 65-67 59 Ave. Jefferson St., CHICAGO, ILL.

**WINDMILLS**



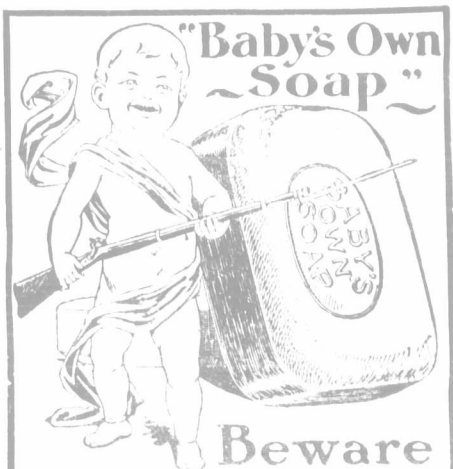
DO YOU WANT TO **SAVE** Time, Labor, Money? **CANADIAN AIRMOTOR**

Will do it for you. Always at your service.  
**ONT. WIND ENGINE & PUMP CO. LIMITED.** TORONTO, ONT.  
 Manitoba Agents: Manitoba Pump Company, Brandon, Manitoba.



**GILLETT'S**  
 PURE POWDERED  
**LYE**  
 BEST,  
 PUREST,  
 STRONGEST.

E. W. GILLETT COMPANY LIMITED Toronto, Ont.



**Beware** of using imitations of our celebrated **BABY'S OWN SOAP**. It stands at the top for purity. Most imitations are harmful to delicate skins. Baby's Own Soap is made by the **ALBERT TOILET SOAP CO., MONTREAL.** See our name on every box.

PLEASE MENTION FARMER'S ADVOCATE.

**GOSSIP.**

Recently an "Advocate" representative had the pleasure of looking over the famous Clydesdale stallion, Cloth of Gold. The old favorite is now enjoying the healthful breezes of Eastern Assiniboia. He is now the property of a syndicate of farmers near Oxbow, and is giving general satisfaction. Cloth of Gold has lost none of his former bloom, and displays the same sprightly action as when in the ring. This horse when shown was considered an ideal of the Clydesdale type, and won in some of the hottest company.

Mr. John Isaac, Markham, reports having had his second importation of Shorthorns for this season landed safely at Quebec on the 31st inst., by the steamship Tritonia of the Donaldson Line.

Mr. H. Chandos-Pole-Gell, an enthusiastic and wealthy English breeder of Clydesdale and Shire horses and Shorthorn cattle, died October 31st, 1902, in his 74th year. He is reported to have said: "It is not the money value that makes me like Shorthorn breeding, but the animals themselves and the general Good they do the country at large."

On November 10th, at Chicago, a sale of Shorthorns was held, composed of cattle from the herds of E. K. Thomas, of Kentucky, and C. E. Blodgett, of Wisconsin, at which fifty-one head sold for an average of \$305.50. The highest price, \$1,150, was paid for Imp. Golden Rose 2nd, a roan four-year-old cow, sired by Bell-the-Cat. Imp. Lady Miranda brought \$790, and Imp. Dalmeny Princess 4th sold for \$885.

At a combination sale of several breeders of Hereford cattle, at Sioux City, Iowa, Nov. 7-8, the attendance was small and the bidding slow, though the cattle were good and worth more money had a more appreciative company been present. Six hundred dollars was the highest price reached, and that for Florinel, a five-year-old cow by Correction. Three hundred and five dollars was reached for one cow and \$300 each for two others.

At a combination sale of Aberdeen-Angus cattle, held at Chicago, November 5th and 6th, 79 head were sold for an average of \$387.40. Sixty-five females averaged \$431.65, and fourteen bulls \$182.85. The highest price was \$1,050, for the two-year-old heifer, Imp. Pride of Aberdeen 167th, by First Quality. Blackbird of Denison 33rd, a three-year-old cow, brought \$1,010. The highest-priced bull was Blackbird of Edgewood 2nd, sold for \$725.

That was a good sale of pedigree swine made at auction by Mr. Arthur Hancock, at Motcombe, Dorset, England, on October 31st, when 76 Berkshires brought an average of £12 9s. (8320) the highest price being 61 gs. (8320) for the sow, Manor Perfection, bought by Hon. C. Portman. The sow, Ethel, was bought by Mr. Vanderbilt's Biltmore Farms, U. S. A., at 50 gs. Fifty-two Large Yorkshires brought an average of £8 3s. 6d. (\$41) the highest price being 17½ guineas for Walton Star, sold to Mr. A. J. Carpenter.

H. B. Webster, Fergus, Ont., reports that he has made several sales lately, and that his herd of Scotch Shorthorn cattle were never in better breeding condition. At the head of the herd is Lord Stanley 4th =22678= (own brother of Toppman), sired by Lord Stanley junior champion at World's Fair, Chicago. He is now eight years old, and it is doubtful if there is a better-looking bull of his age in the Province, having a mellowness of flesh and straightness of lines seldom seen in a bull of half his years. Among the females are to be seen three aged cows of large scale and prime quality, and they have had their turn of winning first prizes in the aged cow class in the years of 1900, 1901, and 1902, at the Center Wellington Exhibition, held at Fergus. There are now for sale three beautiful roan bulls, from nine to thirteen months old, any of which are fit to make herd headers, and some cows and heifers could be spared at reasonable prices. The farm is situated one mile from Fergus station, on the G. T. R., and fourteen miles from Guelph. Write Mr. Webster for further particulars.

**OFFICIAL RECORDS OF GUERNSEY COWS.**

The secretary of the American Guernsey Breeders' Association publishes official records of a year's production that have been made by Guernsey cows. In this statement the names of twenty-four cows are given that have produced, within the year, from 6,590.78 to 11,022.65 lbs. milk, and from 313.57 to 602.27 lbs. butter-fat. These records, says the secretary, being for butter-fat, to be compared with butter tests as usually published, should have one-sixth added to the butter-fat. Thus the record of Portia of Maplecrest, the highest on the list, 6,627 lbs. butter-fat, would be equivalent to 7,027 lbs. butter, which he claims is the largest year's record of any cow made under regular and careful public supervision and test each month.



To the homes of every Japan Tea drinker in Canada by sending FREE by mail a large sample packet of the better, uncolored, unadorned Tea as below.

**"SALADA"**

Natural Green Tea of Ceylon. It's delicious, British Grown, and Pure to a Leaf— Sealed Lead Packets only— same form as the Famous Black Teas of "SALADA" Brand. Your address on a postal will bring response. "SALADA," TORONTO.

**AYRSHIRES**



**WATSON OGILVIE,** PROPRIETOR.  
 Ogilvie's Ayrshires won the herd and young herd prizes at Toronto, London and Ottawa in 1900; also at the Pan-American, in 1901, and in 1902 they won all the herd prizes and medals, sweepstakes and diplomas, with one exception. The cows are all imported, and were carefully selected for strength and constitution, style, size of teats, and milk (quantity and quality). The herd is headed by Douglassdale (imp.), champion at the Pan-American and at Ottawa, Toronto and London, in 1902, ably assisted by Black Prince (imp.). Stock, imported and home bred, for sale at all times.

**ROBERT HUNTER, Manager.**  
 Near Montreal. One mile from electric cars. **Lachine Rapids, P. Q.**

**DO YOU WANT A SNAP?**

Jersey cows and heifers, also two young bulls, at low prices, from prizewinning stock. Write for prices. W. W. EVERITT, Dan edin Park Farm, CHATHAM, ONT.

**AYRSHIRE CATTLE,** Shropshire sheep, Berkshire pigs, and B. P. Rock fowl. A fine lot of shearing and ram lambs for sale. J. Yuill & Sons, - Carleton Place, Ont.

**Tredinnock Ayrshires.**

Imported bulls at head of herd: Glencairn 3rd, Napoleon of Auchinbrae, and Lord Dudley. Forty imported females, selected from leading Scotch herds, and their produce from above-named bulls. Size combined with quality and style, well-formed udders, good-sized teats, and capacity for large milk production. Bull calves for sale; also a few young cows and heifers. For prices and particulars address **JAMES HODEN, Mgr.,** St. Anne de Bellevue, Quebec. Farm close to St. Anne Station, G.T.R. & C.P.R., 20 miles west of Montreal.

**CHOICE AYRSHIRES.**

Present offering: 1 bulls, from 1 to 2 years old, by choice sires, and out of producing dams, and A1 individuals. N. DYMENT, Clappison P. O., Dundas Sta.

**HIGH-CLASS AYRSHIRES.**

We are now through exhibiting, and offer at bargain prices, if taken before going into winter quarters, the following prize-winning bulls. The winner of 1st prize at Toronto as yearling, and four other 1st prizes; sired by Champion of St. Anne's (imp.). The August, 1901, calf, a very promising light-colored one, sire Hoveva 13th. Two February, 1902, calves, winners of 2nd and several other 1st and 2nd prizes elsewhere, and an April, 1902, winner of 1st prize at Toronto, and light-colored. Two August, 1902, calves from imported sires and dams. Correspondence solicited. **ALEX. HUME & CO., MENIE P. O., ONT.**

**FOR SALE:**

Three grandly-bred Ayrshire bull calves, 12 mos. old. Also young calves, by Napoleon of Auchinbrae (imp.), whose dam has a record of 72 lbs. milk per day. A few choice young Berkshire Yorkshires sows could be served before shipping. Collie pups, from Perfection Queen. Address **T. D. McCALLUM,** Danville, Nether Lea.

PLEASE MENTION FARMER'S ADVOCATE

**Ayrshire Bulls.** Two choice August (1901) bulls. Four March (1902) calves, by imported bull and out of dams from imported stock. All good ones. **W. W. BALLANTYNE,** ("Neidpath Farm" adjoins city.) Stratford, Ont. Main line G. T. R.

**LITTLE'S PATENT FLUID**  
 NON-POISONOUS  
**SHEEP DIP**  
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**THE ORIGINAL Non-Poisonous Fluid Dip**

Still the favorite dip, as proved by the testimony of our Minister of Agriculture and other large breeders.

**For sheep.** Kills ticks, maggots; cures scab; heals old sores, wounds, etc., and greatly increases and improves growth of wool.

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Prevents the attack of Warble Fly. Heals saddle galls, sore shoulders, ulcers, etc. Keeps animals free from infection.

No danger, safe, cheap, and effective

Beware of Imitations.

Each gallon costs 75 cents. Sufficient in each gallon to wash 1000 lbs. of wash, according to directions. Special terms to breeders, ranchmen, etc., ordering large quantities.

SOLD BY ALL DRUGGISTS. SEND FOR PAMPHLET.

**Robert Wightman, Druggist, Owen Sound** Sole Agent for the Dominion.

**PRIZEWINNING COTSWOLDS.** Imported bred stock, prizewinners at the Glasgow Show, FLORENCE PARK, Burgessville, Ontario, Canada.



### Going to Bed Hungry.

It Is All Wrong and Man Is the Only Creature That Does It.

The complete emptiness of the stomach during sleep adds greatly to the amount of emaciation, sleeplessness and general weakness so often met with. There is a perpetual change of tissues in the body, sleeping or waking, and the supply of nourishment ought to be somewhat continuous, and food taken just before retiring adds more tissue than is destroyed, and increased weight and vigor is the result.

If people who are thin, nervous and sleepless would take a light lunch of bread and milk or oatmeal and cream and at the same time take a safe, harmless stomach remedy like Stuart's Dyspepsia Tablets in order to aid the stomach in digesting it, the result will be a surprising increase in weight, strength and general vigor.

Dr. Stevenson says: "I depend almost entirely upon Stuart's Dyspepsia Tablets in treating indigestion, because it is not a quick nostrum, and I know just what they contain—a combination of vegetable essences, pure pepsin, and they cure dyspepsia and stomach troubles because they cannot help but cure."

### If Your Friend Is Sick

Tell Me the Book to Send.

No money is wanted—not from you nor from him. I ask only a postal card, and I ask it as an act of humanity.

I will mail the sick one an order—good at any drug store—for six bottles of Dr. Shoop's Restorative. He may take it a month at my risk. If it succeeds, the cost is \$5.50. If the sick one even thinks it has failed, I will pay the druggist myself.

Please note what that means. I furnish a costly treatment that I spent a lifetime in perfecting, and whenever it fails the test is entirely free. But failures are rare. My records show that 89 out of each 40 get well, and pay for the remedy gladly.

No other remedy, in chronic and difficult cases, could stand a test like that. The reason is this: My Restorative alone strengthens the inside nerves. There is no other way to bring back that nerve power which alone makes each vital organ do its duty. There is no other way to make weak organs well.

Simply state which book you want, and address Dr. Shoop, Box 52, Racine, Wis.

Mild cases, not chronic, are often cured by one or two bottles. At all druggists.

**SHEEP BREEDERS' ASSOCIATIONS**  
American Shropshire Registry Association, the largest live stock organization in the world. Hon. John Dryden, President, Toronto, Canada. Address correspondence to MORTIMER LEVERING, Secretary, Lafayette, Indiana.

**SHROPSHIRE** FOR SALE.—Shearling rams, ram lambs, ewe lambs, all sold. All registered or eligible. Low-set, well covered, in fine condition and form. Sires from Campbell and Dryden flocks. **MALCOLM McDOUGALL, Tiverton, Ont.**

**PENNABANK STOCK FARM.**  
Twenty-five ram lambs; a few ewe lambs and shearlings with Imp. Williams or Knox Shorthorn bulls. **Hugh Pugh, Whitevale, Ont.**

**FAIRFIELD LINCOLNS**  
Imported ewes and lambs. Can supply show flocks. **J. H. PATRICK, Ilderton, Ont., CAN.**

**Dorsets & Chesters**  
Young stock in Dorset Sheep and Chester White Hogs of good quality for sale, reasonable. **R. H. HARDING, THORNDALE, Ont.**

### GOSSIP.

Mr. Wm. Ormiston, Jr., Columbus, Ont., breeder of Shorthorn cattle, in ordering a change in his advertisement, offers for sale seven young bulls and some heifers, and reports among sales due to his advertisement in the "Advocate," that of a young bull to Mr. W. Locher, Sunderland, Ont., and a heifer to Capt. T. E. Robson, Ilderton, Ont.

Mr. J. G. Truman, manager of the Pioneer Stud Farm, Bushnell, Ill., writes under date November 17th: "Our sixth importation of this year, consisting of Shire, Percheron and Suffolk stallions and Shire mares, arrived here on Thursday last. Our Mr. J. H. Truman came through from our place in England with them, and they are beyond any doubt the highest-priced and choicest lot of horses that ever left the shores of Old England. My father bought them for the express purpose to show at the coming International Show, and in addition to our large selection of stallions on hand will make us about 100 head of the best of the Old Country affords. We have not only quality, but we have the weight, as many of the stallions weigh from 2,200 to 2,300 pounds, and the mares up to 2,200 pounds. Many of them have won laurels in England, one of the mares, Infield Fuchsia, having to her credit something like twenty prizes, and was bought at Mr. Crisp's sale at a good round figure. The Shire stallions include Dunsmore Hairloom, bought from Sir P. A. Muntz, Dunsmore stud, a winner of over a dozen prizes, also Stainton Combination, a winner of several prizes; Duke X., one of the kind so much sought for but seldom found. Among the Suffolk stallions we have Ironsides, a winner of seventeen first and two second prizes in England, including the Royal. His Grace, another from Sir Quilter's stud, also a Royal winner and has to his credit several other good prizes; Record is another of the right sort, and has to his credit a number of prizes at the different shows. In addition to these winners just imported, we have four Shires, all sired by the unbeaten Blaisdon Conqueror, for which Mr. Stubbs refused from us \$15,000.00, and related to the horse, Blaisdon Pluto, that we secured the gold medal with at the International Show last fall. To our readers that are anticipating buying a draft stallion we would ask them to apply for our catalogue and write us what they wish to buy, and we will be pleased to write them fully what we have and prices thereon. We also have a very select lot of dark grey and black Percherons, some of them prizewinners in France this year, with plenty of bone and scale, the three-year-olds weighing up to 2,100 pounds.

One of the most noted stock farms in Northern Ontario is Lakewood, situated in the Co. of Grey, 9 miles south-west of the flourishing town of Meaford, and is the property of Mr. James Howes, breeder of up-to-date Shorthorn cattle. The herd at present numbers 23 head of Stamfords, Crimson Flowers, Marr Floras, Minas, Village Girls, Buchan Lassies and Lavinias, at the head of which stands the massive, well-formed and short legged bull, Royal Tim 23562, sired by Imp. Royal Member, dam Coristine 18744, by Win 13079, grandam Onone 16825, by Imp. Albert Victor. Royal Tim has proven his ability to sire exactly the kind of stock wanted to-day; he weighs, in breeding condition, 2650 lbs., and is the thickest bull through the heart the writer ever saw, with both ends in proportion. He is now 6 years old, and for sale, Village Girl Vol. 18, by General Middleton 19407, dam Red Lily 4494, by High Sheriff 2nd, is an extra thick, well-balanced cow, smooth and graceful. Crimson Lily, by Scot's Nobleman 17391, dam Rose of Lynden 13072, man 17391, dam Rose of Lynden 13072, by Bampton Hero, is a red roan and an extra nice, even, smooth cow. Out of her is a one-year-old red bull, Crimson Tim, by the stock bull, that is considerably above the average in true type and a superior quality. Maggie L. 2nd is a superior quality, sired by Bell Duke Marr Flora-bred cow, Maggie S. 22778, of Oxford 17285, dam Maggie S. 22778, by Stanley of Allenford. She is a very thick roan cow, broad and massive and of a very smooth, Mina Princess 5th, Vol. 18, by Imp. Royal Prince, dam Mina Princess 3rd, by Imp. Sittytan Stamp, is a one-year-old and a right good one. That grand old milking family, the Lavinias, is represented by Ingram's Lass, by Arkell's Warrior 22485, dam Lily Ingram 21467, by Arthur Fitz Ingram. She is a nice, even, roan cow, and is the dam of a very thick, even, one-year-old roan bull, by the stock bull. There are also five or six heifers of this family that really are something extra good; all reds, low set, square, smooth, and beef from the ground up. There are also two Stamford heifers, one one year old, the other two years old, the latter in calf. This pair are show heifers. There are also several other heifers, belonging to the various families mentioned, and we feel safe in saying that any one in want of a dozen choice heifers will not be disappointed when he sees this lot. The animals are all in A1 condition, and anything in the herd is for sale. Write Mr. Howes, to Strathnairn P. O., Ont.

### SUMMERHILL HERD OF Large English Yorkshires.

HEADQUARTERS FOR THE IDEAL BACON HOG.



Our winnings at the large shows, for 1901, are as follows: At Toronto every possible first prize and five seconds, two silver medals, and first for pen of pure-bred bacon hogs, also sweepstakes on bacon hogs over all breeds; at London every possible first but two; while at the Pan-American, where our herd was divided, half going to Toronto, we won six out of ten possible firsts, also sweepstakes on boar any age. At the Pan-American (Buffalo), Toronto and London there were thirty-six first premiums and medals given; all the medals and every first prize but six won by the Summer Hill Yorkshires. When in need of the best My brood sows are imported or show animals, and the sires are big, long fellows of the bacon type. For sale: An excellent lot of young pigs, and a few young sows recently bred. Can supply pairs not akin. Enquiries promptly answered. Vine Station, G.T.R.—near Barrie. **Jno. Lahmer, Vine, Ont.**

### HILLCREST HERD OF Large English Berkshires

### W. S. CARPENTER, "MODEL FARM," SIMCOE, ONT.

Importer and breeder of Shropshire sheep. My flock was represented at Toronto, and won first on shearing ram, first and second on aged ewes, and second on the pen. First time exhibiting. If in need of a first-class yearling ram, imported or home-bred, write! Your wants can be supplied, and at prices consistent with quality. Have a choice lot to choose from, and can guarantee satisfaction. Come and see them, or a card will bring them. **Station One-half Mile from Farm, Wabash and G.T.R.**

### SHROPSHIRE

We have for sale sixteen Shropshire yearling rams and 12 ewes, from Cooper and Mansell ewes, and sired by Mansell ram, also an extra good lot of ram lambs.

### JOHN MILLER & SONS, BROUGHAM, ONT.

CLAREMONT STATION, C. P. R.

### American Leicester Breeders' ASSOCIATION.

A. W. Smith, Pres., Maple Lodge, Ont.

Pedigrees now being received for Vol. 4.

For information, blanks, etc., address:

**A. J. TEMPLE, Sec., CAMERON, ILL., U. S. A.**

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**Lincoln Sheep and Shorthorn Cattle**  
Bred from best English stock. Bred from Scotch bulls of fashionable families. CAN SUPPLY EITHER IN CARLOAD LOTS.

Write us before buying elsewhere. Address:

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### HOLWELL MANOR FARM SHROPSHIRE.

Choice shearing rams at farmers' prices. A choice lot of ram and ewe lambs for sale.

### D. G. GANTON, ELMVALE, ONT.

### IMP. COTSWOLD SHEEP

Five rams (year-olds), both sires and dams imp.; 10 ewes (year-olds), sire imp. Also this year's lambs, both sexes; Yorkshire and Tamworth hogs. **BROOKS & LANGMAID, COURTICE P. O.**

### BROAD LEA OXFORDS.

An offering at present 30 superior shearing ewes, bred to a good ram, and a number of ewe and ram lambs for sale at reasonable prices. Always pleased to hear from or see sheepmen, whether they buy or not. **W. H. ARKELL, TEESWATER, ONT.**  
Broad Lea Farm.

MILDMAY, G. T. R. TEESWATER, C. P. R.  
7 miles from farm. 3 1/2 miles from farm.

### SUMMERHILL OXFORDS.

Present offering: A choice lot of ram lambs and ewe lambs. Also 50 extra nice yearling ewes. **PETER ARKELL & SONS, Teeswater P. O. and Station.**

### LINDEN OXFORDS

A choice lot of ram lambs (yearlings) and a few two and three shear rams fit for show and to head pure-bred flocks; imp. and home-bred, well covered, good quality. **R. J. HINE, Dutton, Ont.**

### Imported Chester Swine

Our present offering is both sexes, all ages, bred from prizewinning and imported stock. We claim to have as good as the country produces, of the true bacon type. We guarantee everything just as represented. Write us, a trial will convince. Pairs not akin. **GEO. BENNETT, CHARING CROSS P. O. AND STATION.**

### PLEASE MENTION FARMER'S ADVOCATE.

### TAMWORTHS.

Young pigs for sale, from medal-winning sow, O. A. C. 110, and other good ones, sired by Imp. Starlight, Pan-American First, and Bold Boy, Toronto winner. **JOHN HORD & SON, Parkhill P. O. and Station.**

### Imported Poland-China Hogs.

We are offering something extra choice, of both sexes, any age (pairs not akin), from imported stock, and of the true type. Easy feeders, rapid growers. **ROBT. L. SMYTH & SONS, Fargo P. O. and Station. M. C. R.**

### WILLOW LODGE BERKSHIRES

Herd headed by Long-fellow 10th of H. F., assisted by the noted prizewinner, Highclere Crown 3rd. Sows, the best money will buy, and are winners. Young stock of both sexes and all ages for sale, not akin. **W. WILSON, Snelgrove, Ont.**

### YORKSHIRES FOR SALE.

Boars fit for service, sows in farrow and ready to breed, and young stock on hand. Prices reasonable. **WM. HOWE, BRUCE CO. NORTH BRUCE, ONT.**

### For the Next 30 Days.

Newcastle Herd of Tamworth Swine  
Have for a number of years taken a share of the best prizes offered at Toronto Exhibition, but this year has excelled all past records, having taken the sweepstakes for the best herd; also both silver medals for best Tamworth boar and best Tamworth sow, besides many other prizes in the various classes. Our present offerings are several young sows, bred or just ready to breed; also a lot of beautiful young pigs of both sexes, just fit to wean and ship. They are all descendants of our sweepstakes stock. They will be sold very reasonably during the next 30 days. Pairs supplied not akin. Enquiries promptly answered. **Colwill Bros., Newcastle, Ont.**

### Yorkshires

For the next 3 months I can supply either sex, that for ideal bacon type, smooth, even finish, are unsurpassed. Prices reasonable. **WM. TEASDALE, Thornhill Sta., and electric cars. Dollar P. O.**

### Large English Yorkshires

Imported and Canadian-bred Yorkshires, from stock of the best British herds. A choice lot of boars, ready for service, and a number of sows being bred to imported Dalmeny Long Sam, for sale. Also young pigs, all ages. **H. J. DAVIS, Woodstock, Ont.**

### S. H. D. Chief 6th (Imp.) 9074

Farrowed March 17th, 1902.  
Bred by Earl of Roseberry, Edinburgh, Scotland. I will deliver, transportation prepaid, this magnificent imported YORKSHIRE boar for \$10, anywhere in Ontario or Quebec.

### GUS. LANGELIER, QUEBEC.

### SPRUCE HERD OF YORKSHIRES.

A few choice young hogs for sale, 6 months old. Also pairs not akin, 8 weeks old. Sires, Summer Hill Member and Summer Dalmeny Topman 2nd (imp.). **FRED C. SMITH, New Hamburg, Ont.**

### YORKSHIRES AND POULTRY.

Young pigs, 3 weeks to 3 months old (bacon type), easy feeders, strictly choice. Winners for fall fairs in young White Wyandottes, Barred Plymouth Rocks (Hawkins strain) and White and Brown Leghorns, something extra. Also pedigree collies. **A. B. ARMSTRONG, Codrington, Ont.**

### FOR SALE:

### Yorkshires and Holsteins

Best type and quality. Young stock constantly on hand. Prices right. **R. HONEY, Brickley P. O., instead of Warkworth.**



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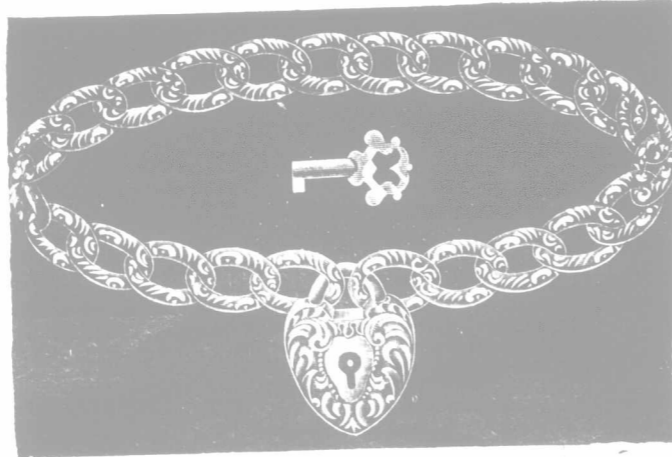
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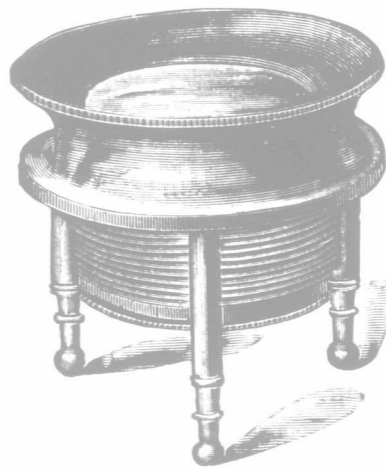
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No. 6.	7 Jeweled Gent's Elgin in Gun Metal Case.....	11
No. 7.	7 Jeweled Gent's Elgin in Sterling Silver Case....	14
No. 8.	7 Jeweled Gent's Elgin in 20-year Filled Case.....	18
No. 9.	7 Jeweled Gent's Elgin in 25-year Filled Case.....	21
No. 10.	15 Jeweled Gent's Elgin in 3 oz. Nickel Case.....	15
No. 11.	15 Jeweled Gent's Elgin in Gun Metal Case.....	15
No. 12.	15 Jeweled Gent's Elgin in Sterling Silver Case....	18
No. 13.	15 Jeweled Gent's Elgin in 20-year Filled Case.....	21
No. 14.	15 Jeweled Gent's Elgin in 25-year Filled Case.....	25

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No. 16.	Sterling Silver Swiss Chatelaine.....	5
No. 17.	Nickel American O. F., large size.....	5
No. 18.	Gun Metal American O. F., large size.....	5
No. 19.	Nickel, small size.....	9
No. 20.	Gun Metal, small size.....	10
No. 21.	Sterling Silver, small size....	10
No. 22.	7 Jeweled Elgin in 20-year Filled Hunting Case....	20
No. 23.	7 Jeweled Elgin in 25-year Filled Hunting Case....	22
No. 24.	15 Jeweled Elgin in 20-year Filled Hunting Case....	23
No. 25.	15 Jeweled Elgin in 25-year Filled Hunting Case....	25

## Description of Watches.

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No. 1. American Nickel Key-wind Boy's Watch that is absolutely guaranteed to keep good time and give satisfaction.

No. 2. Gent's Nickel American O. F. Watch; stem wind, and push-in stem and turn to set hands. This is a very strong, reliable Watch.

No. 3. Same as No. 2, excepting that it has Gun Metal case instead of Nickel case.

No. 4. Is a smaller-sized Gent's Watch, has sterling silver case, O. F. Screw Back and Bezel; stem wind, and push-in stem and turn to set hands. This is the lowest-priced and most reliable Boy's or small Gent's Silver Watch that is on the market.

No. 5. Is fitted with 7-Jeweled Nickel, first-quality Elgin movement. The case is a 3-oz. O. F. Nickel case; stem wind and set; screw back and bezel case.

No. 6. Same movement in Gun Metal or Black Steel screw back and bezel case.

No. 7. Same movement with Sterling Silver O. F. screw back and bezel case.

No. 8. Same movement in 20-year guaranteed Gold Filled O. F. screw back and bezel case.

No. 9. Same movement in 25-year guaranteed Gold Filled O. F. screw back and bezel case.

Nos. 10, 11, 12, 13 and 14 are fitted in the same style of cases as Nos. 5, 6, 7, 8 and 9; the difference is in the movement, and the movement is 15-Jeweled Nickel, first-quality Elgin movement.

No. 15. Is a small-sized Swiss O. F. Gun Metal Chatelaine Watch.

No. 16. Is the same, only with Sterling Silver case, which can be had nicely engraved.

Nos. 17 and 18 are a good-quality American Watch, O. F. stem wind, and push-in stem and turn to set hands. These are a little larger than the usual Ladies' Watches, and are smaller than the usual Boys' Watches, though can be used for either Boys, Girls or Young Ladies.

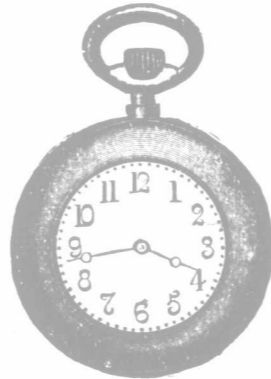
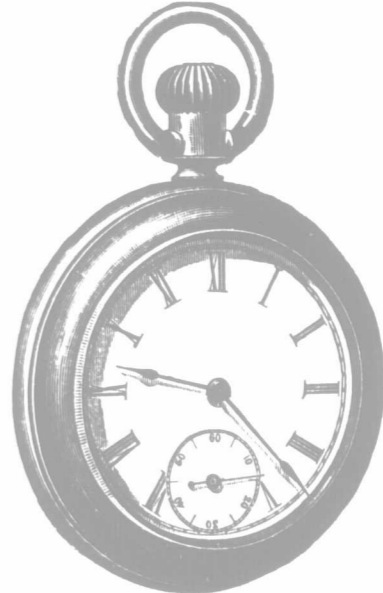
Nos. 19, 20 and 21 are small sized; in fact, are the exact size of cut. These are American Watches, O. F. stem wind, and push-in stem and turn to set hands, and are first-class timekeepers. Will give perfect satisfaction.

If a nice leather wrist case is desired with these watches, send two extra subscribers.

Nos. 22, 23, 24 and 25 are similar to the accompanying cut. These are regular Ladies' Hunting Watches. Nos. 22 and 24 are fitted in 20-year guaranteed Gold Filled cases, nicely ornamented, or to be had in plain or plain engine turned, and the same applies to Nos. 23 and 25, excepting that they are fitted in 25-year guaranteed Gold Filled cases, and 14k Gold Filled; 22 and 23 are fitted with 7-Jeweled Nickel, first-quality Elgin movements. Nos. 24 and 25 are fitted with 15-Jeweled Nickel, first-quality Elgin movements.

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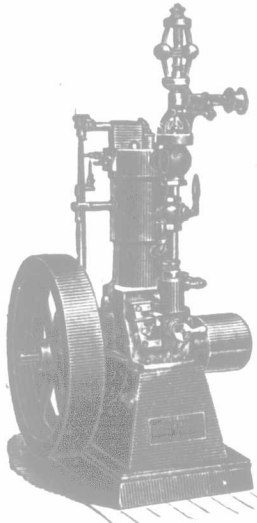
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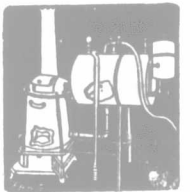
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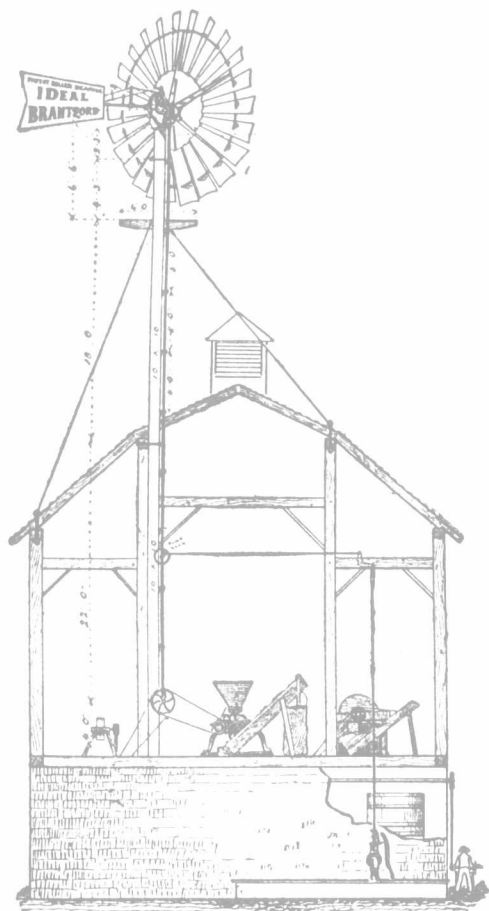
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