

# THE FARMER'S ADVOCATE

AND HOME MAGAZINE

PERSEVERE  
SUCCEED  
FOUNDED 1875

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

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J. G. Rutherford, V. S. Dec. 20, 02  
Dept. of Agr., Ottawa

Vol. XXXVII.

WINNIPEG, MAN. OCTOBER 6, 1902. LONDON, ONT.

No. 559

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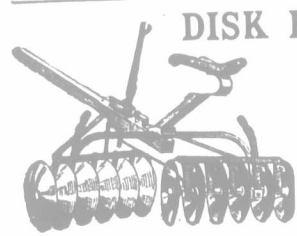
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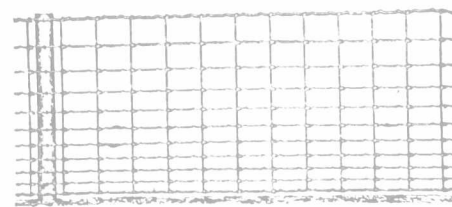
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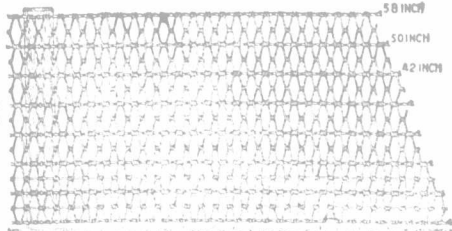


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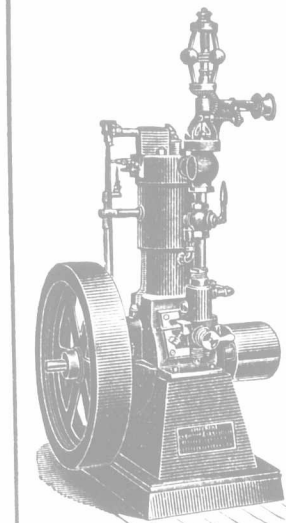
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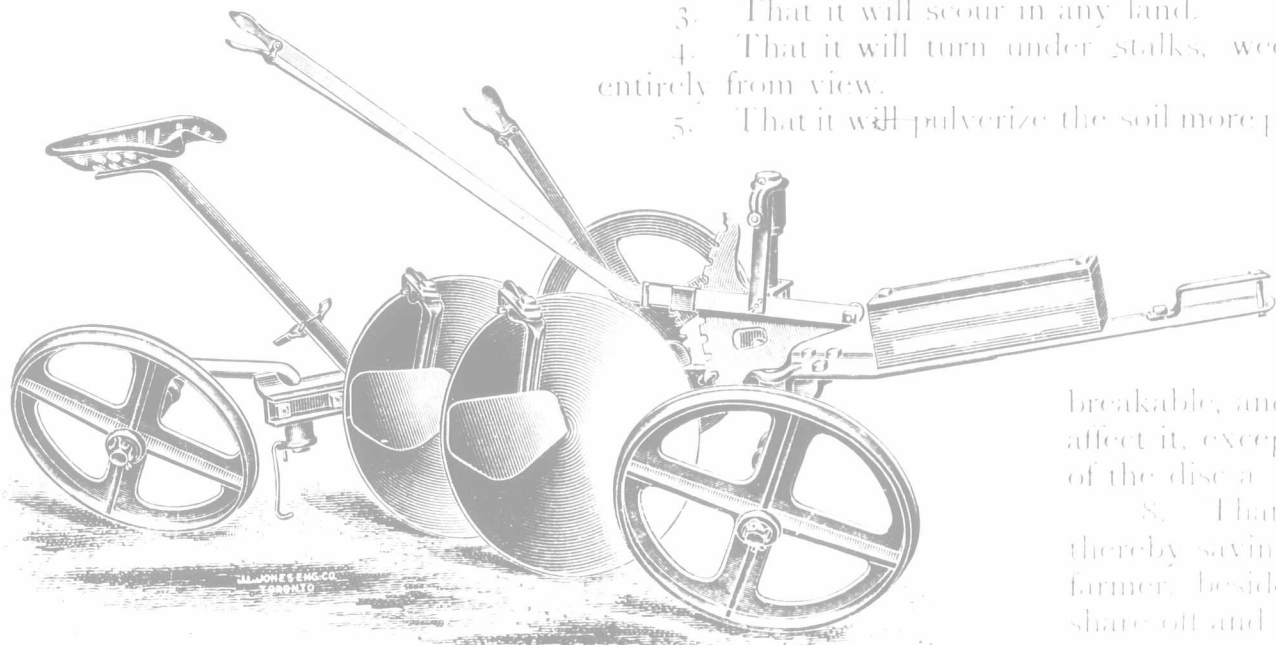
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6. That the ground never gets too hard to plow with it.



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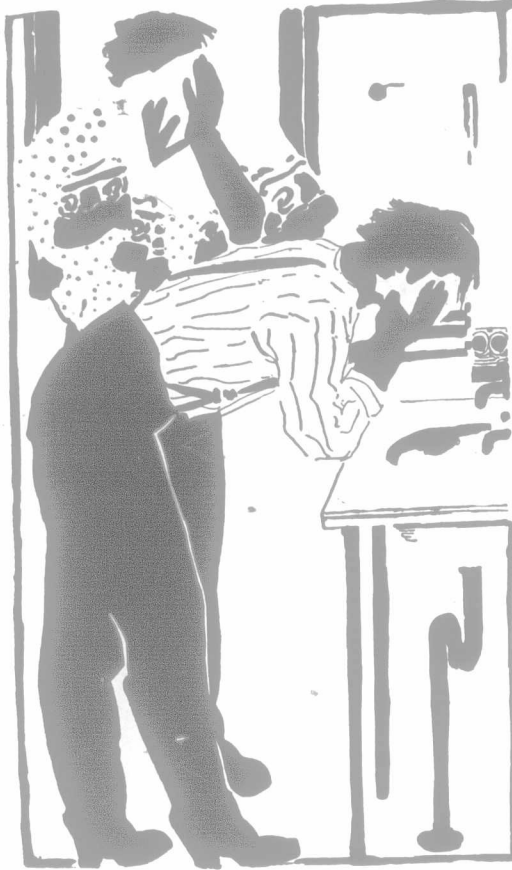
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| Third—For the Third Heaviest Calf, any pure breed or grade, born after the 1st of January, 1903, fed on Carnefac Stock Food.   | <b>25 IN GOLD</b>    |

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as follows:

- |  |                      |
|--|----------------------|
| First—For the Two Best Bacon Hogs, any age or breed, fed on Carnefac Stock Food.         | <b>\$ 50 IN GOLD</b> |
| Second—For the Two Second Best Bacon Hogs, any age or breed, fed on Carnefac Stock Food. | <b>25 IN GOLD</b>    |
| Third—For the Two Third Best Bacon Hogs, any age or breed, fed on Carnefac Stock Food.   | <b>15 IN GOLD</b>    |

Only one entry will be allowed from each farmer or stockman, and the stock must be weighed at the Brandon Exhibition.

The photographs of the animals must be produced at time of exhibition to show that the animals were fed on Carnefac Stock Food.

For further information, write to W. Douglas, Winnipeg, Manitoba.

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# FARMER'S ADVOCATE

AND HOME MAGAZINE

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

REGISTERED IN ACCORDANCE WITH THE COPYRIGHT ACT OF 1875

VOL. XXXVII.

WINNIPEG, MAN., AND LONDON, ONT., OCTOBER 6, 1902.

No. 559

## Thanksgiving.

Thursday, October 16th, the date appointed by the Dominion Government for our annual national Thanksgiving celebration, may not be the most convenient for all sections of so vast a country, with such diversified conditions. It would probably be found impossible to fix upon a date equally acceptable and suitable to all the provinces, and certainly no time equally opportune for all the people could be selected. This being the case, it is well for all to accept the date set apart for the purpose in the spirit suggested by the name given the day and the occasion, and for each to observe it in accordance with his circumstances and in the manner that commends itself to his judgment and his better nature.

The observation of the day as a holiday in the popular sense, while it is all right for those whose circumstances admit of it, if wisely and judiciously done, is not really a necessary accompaniment of the occasion, and the industrious farmer and his family who, finding their work crowding them and duties pressing that cannot well be deferred, may quite as consistently celebrate the day in the spirit of thanksgiving while engaged in their usual occupations.

If the enjoyment of peace and plenty constitute prime reasons for thankfulness, surely Canada, of all countries, has abundant cause for acknowledgment of the blessings of a beneficent Providence. While a year ago the dark cloud of war hung over a part of our empire, feasting for the sacrifice of the lives of some of the sons of the Dominion, bringing sorrow and sadness to some homes, to-day "white-winged peace" hovers over a happy, prosperous and contented people, a bountiful harvest having crowned the labors of the husbandman, the measure of it being "shaken down, heaped up and running over," our principal apprehension being the difficulty in securing sufficient transportation facilities for carrying our abundant products to market, and the danger of a blockade.

The year drawing to a close has certainly been a record one in the history of the Canadian Northwest. The phenomenal in-rush for the purchase and possession of land and the unusual increase in the extent of immigration and settlement will mark the present year as the opening of a new era in the advancement and prosperity of this western world, and will add immensely to the fame of this country as a field for home-seekers from the east and from the Old World over the seas. There is room and a welcome for all who will come with an honest purpose to prove good citizens and with a loyal effort to improve and develop the country, while providing for themselves and families homes of comfort and good cheer. New settlers with limited means may expect to have to endure the privations incident to pioneer life under such circumstances, but with frugality, patience and perseverance and the adoption of the methods of farming found most suitable in the experience of the earlier settlers all difficulties may be overcome and a comfortable home assured in a comparatively short time.

To those who have found their feet firmly fixed on farms freed from debt and feel disposed to branch out into more extensive holdings, no word of encouragement is needed, but rather, perhaps, a word of caution against undue speculation and the danger of being drawn into deeper water than one can fathom with his feet and his head clear above the surface. The wave

of prosperity now passing over the West will doubtless have its ebb as well as its flow, and while it is well to mount the crest and, metaphorically, make hay while the sun shines, it is the part of wisdom to pay as you go, and to be somewhat careful to undertake no more than can be safely handled. In periods of prosperity and in the strenuous life of the new and bounding West there is need of guarding against the liability to overlook the importance of gaining the best in life, and there is need of pausing to reflect on the source of life and its many blessings, "lest we forget, lest we forget."

## To Remove Restrictions to Home Building.

With the rapid increase in land values and the general prosperity throughout the West, the process of home-making goes on apace. In most districts throughout the whole country there is great improvement noticeable in the buildings and general appearance of the farms. The shack period once passed and the home-building process started, not only improved buildings appear, but tree plantations and wind-breaks, and once these are established comes the desire for small fruits and the hope for large fruits, as plums, crabs and apples. Perhaps nothing will tend more toward home-making than trees and fruits and flowers, and everything that can be done toward that end is worthy of encouragement.

As has been pointed out on more than one occasion in the columns of the "Advocate," Ontario and Eastern grown trees, especially fruit trees, are too tender to be successfully grown in this country. It has been demonstrated at the Experimental Farms that even the hardy elm, although of exactly the same variety as is native here, when brought from Ontario so far north as Ottawa, is so tender that it freezes down every year. The climatic conditions to the south of us in Minnesota much more nearly resembles our own than do the conditions east of the Great Lakes. The horticulturists of Minnesota have for fifty years past been experimenting in fruit-growing, and have certainly made splendid progress, as evidenced by the magnificent displays annually made in the fruit department at the State Fair at Hamline. Now, it would seem only natural for us to take advantage of what has been accomplished during the fifty years of experimental work in these States immediately to the south of us, and profiting by their experience, use the varieties that have been proved to be hardy and satisfactory with them, and from this source we could surely obtain quicker and more satisfactory results than by awaiting the somewhat slow process of "breeding up" suitable varieties from the Siberian crab for our own use. The Experimental Farms are doing worthy work in their endeavor to evolve an apple from the *Pyrus baccata*, but when there are good hardy varieties across the boundary line it does seem ridiculous that every facility should not be had for testing them.

The situation briefly is this: A very deadly tree insect, the San Jose scale, attacked some of the orchards and nurseries of Ontario, coming from the Eastern States, where great damage had been done in some districts. In order to protect the Canadian fruit industry, what is known as the San Jose Scale Act was passed by the

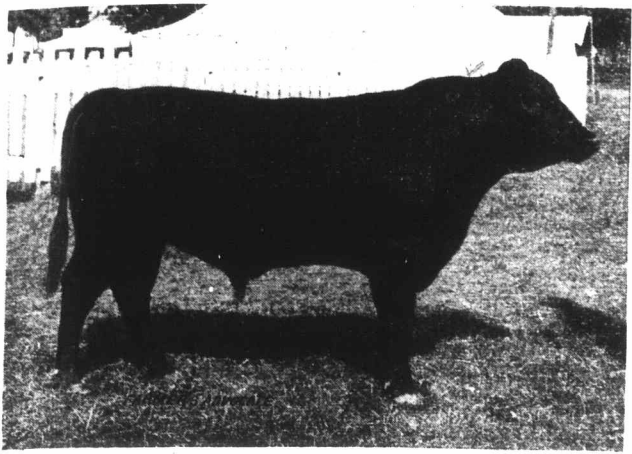
Federal Government. This Act prohibited the importation of all trees and shrubs that might carry the scale from the States. This legislation, while possibly very necessary to protect Ontario and the Eastern Provinces, had the effect of stopping the importation of trees into Manitoba and the Territories from Minnesota, where it has always been claimed the scale never did exist, and yet giving the West no protection against the infected nurseries of Ontario. The injustice of this legislation being brought to the attention of the Minister of Agriculture by the Horticultural Societies in the West and some of the Western members of Parliament, the Act was amended to permit of the importation of trees at certain periods of the year under provisions for thorough fumigation. This process would work well were it not that the process of fumigation is exceedingly dangerous to the life of the tree, and only when the plants are in a dormant state can they withstand the exposure to the hydrocyanic acid gas. The difficulty is to get southern-grown plants matured early enough in the fall or held back enough in the spring to arrive at the fumigation ports in a condition to withstand the test and still reach their destination in the country in suitable time for setting out.

The Jewell Nursery Co., of Minnesota, one of the largest and most enterprising concerns in the States, claims that there is now a large demand throughout Manitoba and parts of the Territories for hardy nursery stock, and they have asked the Provincial Horticultural Society for their co-operation in securing an amendment to the San Jose Scale Act whereby importations of nursery stock to Manitoba could be fumigated at the nursery in Minnesota instead of at Winnipeg. They propose to undertake the extra expense that might thus be incurred, allowing the Government, of course, to retain complete control of the fumigating. Doubtless the Horticultural Societies will use their best endeavors to this end, but in the meantime it will be well to remember that the fall dates for receiving nursery stock at Winnipeg run from October 7th to December 7th; the spring dates from March 15th to May 15th.

## We are Up Against It.

The farmers of the West are producing more wheat than the railroads can handle in the short time between harvest and the closing of the lake ports. With all the increase of storage and rolling stock that has been provided since last year's blockade there is still not enough accommodation. The farmer is advised not to rush all his grain to market at once, to distribute the transportation of it throughout the year; and on the other hand, he is advised not to hold his own wheat for speculation, to convert his wheat into cash as quickly as possible and meet his liabilities, and save the shrinkage and interest on the wheat. Everyone knows that the best time to sell is the early market, and the man who gets his wheat off first makes most out of it, consequently the desire to sell early while there is storage and rolling stock available. To build granaries and handle wheat over several times adds greatly to the cost to the producer. It is all very well for the city press to advise the farmers to insure against loss through the grain blockade by building granaries, but as the railroads can't find cars enough to haul lumber to build the granaries, what would they advise next?





**VOLODYVOSKI 20015.**

Imported Aberdeen-Angus bull, one year old; first prize and sweepstakes, Toronto Exhibition, 1902.  
PROPERTY OF JOHN RICHARDS, BIDEFORD, P. E. I.

is to the town, the large well, while experimenting, ran the water plant for two days, pumping daily 500,000 gallons, and only reducing the pressure 35 pounds to the square inch, still leaving a pressure of 235 pounds per square inch in the 270-pound well.

The municipality owns both water plant and gas, and is making preparations to heat and light the town. The plant will cost, complete, about \$35,000, and the council have \$15,000 yearly income in sight. They have decided upon rates for the gas as fuel which will be equivalent to coal at \$4.00 per ton. The Merchants Bank has purchased \$32,000 of debentures at an average of 4 1/2 per cent.

The pipe from the gas well being directly connected with the engine of the waterworks, there is no handling of fuel, simply turn the tap; so that this municipality not only saves the price of fuel, but also the additional cost of handling it.

Then, think how convenient this gas fuel will be for the inhabitants during the summer months when hurried fires are in order, and also think of the great saving in fuel with the present rates. Not many towns will be heated this coming winter as cheaply as Medicine Hat.

**Calgary Cold Storage.**

The cold storage department of this building consists of four rooms with the following measurements:

Main storage room (butter)	10,700 cubic feet.
Egg room	3,400 "
Smaller butter room	3,037 "
Another for same purpose	2,250 "

The temperature of the butter rooms is kept between 21 and 24 degrees, the egg room averaging between 33 and 34 degrees. Those who visited the building during the Calgary Fair would find over 110,000 pounds of butter in the large storeroom, and then considerable room left.

At this large cold storage nearly all the butter manufactured at Territorial creameries is collected and held when necessary before shipping to market. Mr. Marker, Dairy Superintendent, was well satisfied with the quality of the output of the Territorial creameries this season, the sample winning the first prize at the Calgary Fair scoring 98 points.

J. S. Pearce, of London, an expert butter judge, said, after an inspection of the butter in storage: "Considering distance between creameries he had never seen a more uniform lot of butter." The Lister pasteurizer and cooler is in use. This is the second season for the egg department. An expert in this line has charge and checks all entries, crediting the different grades to the patrons as they come in. This plan is proving very satisfactory, and is improving the quality, for, as the records can be seen and the quality of each patron's goods is checked separately, the number of dozens of good, bad, broken, etc., appearing on record with the seller's name, the tendency is always to raise the standard. This placing a better article on the market tends not only to raise prices, but also increase the confidence of the consumer. Along the Edmonton line mixed farming is very generally followed, and with this agency to act between the producer and the consumer in the B. C. markets, there should be a large and lucrative trade worked up in hen fruit as well as butter. The eggs are gathered from creamery patrons by the cream gatherers of each factory along the line, the gatherer carrying egg cases on the wagons, and thus there is no reason for anything but straight fresh eggs being sent in.

**Our Scottish Letter.**

The late harvest is the sole topic of conversation here. On all hands it is agreed that the harvest will not be general for three weeks. In the earlier districts, fields that are cut may be seen, and in others roads are being made for the binders; but throughout the country the feature is the great bulk of straw and its green condition at this late date. Barley will now be a poor sample. Oats will be cut unripe. Wheat is being cut in a condition which pleases no one. To add to the gravity of the situation, we have during the past week had heavy wind and rain storms, and many fields of waving corn have been laid flat. The binders will be exercised to the utmost and the skill of their manipulators tested. There is bound to be a deal of middling work done by them, and much straw will be left on the ground. Fields will have more the resemblance of prairie land than is usual in these parts, but no doubt when all is over people will find cause for congratulation in the fact that, bad as things are, they might have been worse.

The season for lamb sales is almost over, and two things may be remarked regarding it. The lambs themselves have as a whole been put upon the market in only middling condition, but yet they have realized better prices than was anticipated. The late harvest and continued growth is to some extent responsible for this. "Keep" is plentiful, and in the main swedes and turnips promise well. There is therefore encouragement to feeders to go on, and no class of men in this country is more optimistic. They are badly hit some years, and after one such experience, one would think they would never invest in store lambs again. But a year of profit comes round, and the years of leanness are completely forgotten. Feeders go in more briskly than ever, and trade bows along as though there was never such a thing as a period of mistrust, stagnation, and



**OXFORD DOWN RAM LAMB.**

Bred by J. H. Jull, Burford, Ont., and sold to Shannon Bros., Cloverdale, B. C.

dead loss. Optimism is the sheet-anchor of the British farmer. The native agriculturist "never is, but always to be, blest"; and in anticipation of the day when the balance will be on the right side, he goes forth rejoicing, delighted if in the end of the day he is not found a bankrupt.

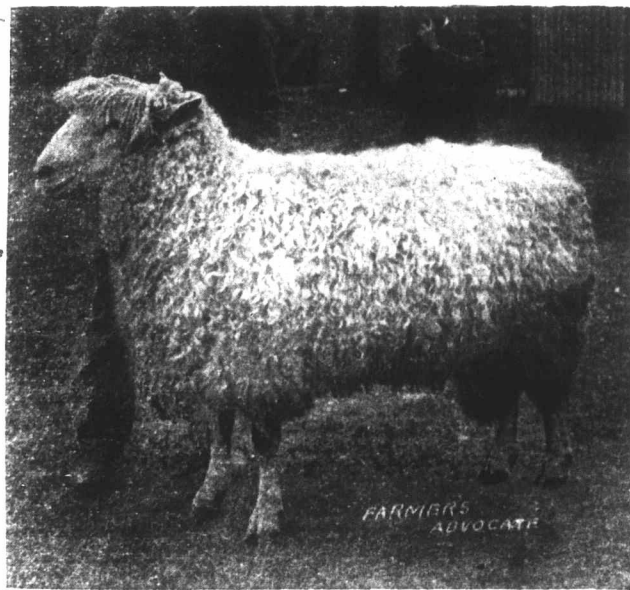
According to the statistics of the Board of Agriculture, it is a good thing for the farmer that he is an optimist. Not only is he cropping less than he did, but his live-stock census shows a decreasing population. This is not calculated to promote exhilaration of spirit, and it must be admitted that it is a condition of things somewhat difficult to understand. So far as cattle are concerned, the increasing demand for early maturity no doubt prevents that accumulation of stocks which used to be the great feature of British agriculture. The four-year-old steer, whose beef was the ideal of the epicure, is extinct; nobody now wants to keep a steer to that age, and therefore he is scarce and likely to become scarcer. But this demand for early maturity has been in existence quite long enough to have adjusted all disturbed balances, and I fear the chief reason why cattle are fewer in number than formerly is that cattle-breeding does not pay. This week, in conversation with a gentleman who is popularly supposed to have made cattle-breeding a success, I was surprised to find him emphatic in declaring that it was not so, and that were it not for his own business, he would not pursue farming for a day. He has his own profession to rely on as a means of subsistence, and his cattle-breeding ventures are simply a hobby. He finds them profitable as a means of relaxation, but not commercially. The truth is, the breeding of stock must be carried on as a part of the regular economy of the farm, and not for its own sake. In the former case the average man can make money out of it; in the latter, the Dutchies and the Mairs may do well, but the average man gets left.

The tuberculin test is giving a deal of trouble in this country, and the majority of breeders here

do not believe in it. What makes them skeptical is primarily the fact that tuberculin so frequently condemns the unlikely animal and lets the likely one go free. There is also reason to believe that the effect of the tuberculin can be nullified in various ways. Wise men suspect this, and give tested cattle or cattle from a herd in which testing is known to be carried on a wide berth. I do not believe that any eminent breeder in this country would give more for a bull which had stood the test than for one which had all the appearance of health, but reacted. During the next fortnight this idea will be reviewed. Cattle are to be sold by public auction, descended from cows which are popularly known to have reacted. They have all the appearance of being excellent cattle, and I will venture to predict that they will sell as well as any cattle which have stood the test. The testing officials of certain governments are also in bad odor with breeders here. They are credited with going about and telling what they have found in dealing with herds. This is not a wise course of procedure on the part of such gentlemen. Their duty is to test the cattle put before them, and hold their tongues about the results. He is a wise official who knows when to keep quiet.

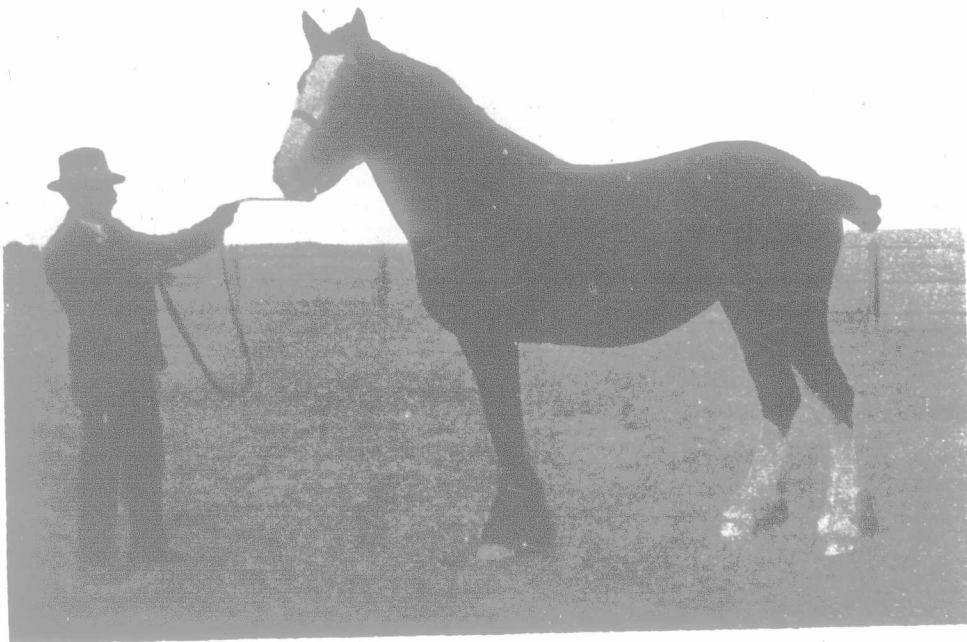
Clydesdales continue to be shipped across the Atlantic in considerable numbers. The Donaldson liner, Marina, which sailed on the 23rd of August, carried five uncommonly well-bred Clydesdales, the property of Graham Bros., Claremont, Ont.; and Mr. J. B. Hogate, Toronto, had on board 13 Clydesdales and a big lot of other horses. The Lakonia, of the same line, which sailed a week later, had a big shipment aboard for Mr. Alex. Galbraith, Janesville, Wis. It numbered 21 stallions and two mares, the latter being the very fine prize animals, Lady Dec and Princess Alix. The horses shipped by Graham Bros. were an uncommonly nice lot. They are thick, well coupled, powerfully-built horses. They stand close to the ground, and are the sort Canadians have always preferred. Two of them have been prize and premium winning horses in this country, and the other three are younger horses and very well bred. Mr. Hogate works hard, and keeps his horses up to the mark. He buys horses that find a ready market, and out of which a man can make a living. Mr. Galbraith's horses, taken all through, were, perhaps, the best shipment which left Scotland this year. In it were prizewinners and blood of the best order. Mr. Neil Smith, Brampton, Ont., sailed on 6th of September with three horses which have proved themselves to be good doers here. They were purchased from Mr. James Picken, Torrs, Kirkcudbright. Mr. Galbraith and Messrs. Graham Bros. purchased from Messrs. A. & W. Montgomery exclusively, and Mr. Hogate got the most of his from Mr. W. S. Park, Hatton, Bishopston. He also bought from Mr. John Crawford, Manrahead, Beith; Mr. A. M. Simpson, Whitecross, East Kilbride, and Mr. James Kilpatrick, Craigie Mains, Kilmarnock. Clydesdales are being shipped in large numbers to South Africa, and there are numerous enquiries from that quarter for both Clydesdales and Ayrshires. Home trade is also very brisk. Many horses are under engagement for 1903, and, indeed, we never remember having seen so many reported at this early stage as there are this year.

Hackney breeding has received a fillip by the sale of the late Mr. Eustace Smith's horses at Newcastle-on-Tyne. Mr. Smith was one of the most active men in the North of England. He was a man of great wealth and unbounded energy. Few of the enterprises for which that foremost part of the country is famed could be named in which he did not exert his energies. He was fond of good Hackneys, and his taste in horse-flesh was splendidly justified by the trade for his horses on



**COTSWOLD YEARLING RAM.**

Winner of first prize as a lamb at the Royal Show, and first at Toronto and London, 1902.  
PROPERTY OF J. C. ROSS, JARVIS, ONT.



CHARMING STAR [2713].

Three-year-old Clydesdale mare. First prize at Winnipeg Industrial Exhibition, 1902. PROPERTY OF A. & G. MUTCH, CRAIGIE MAINS, LUMSDEN, ALTA. (SEE GOSSIP, PAGE 735.)

the dispersion of his stud. A pair of driving mares, Jenny Lind 11028 and Wild Lucy 11573, made 860 gs., or £903. The average price of 80 head was the respectable figure of £59 16s. Three-year-old fillies were making £336 and £126, and a gelding made £131 5s. Two hunting horses made £210 apiece. We are to have a great sale of Hackneys and Clydesdales at Millfield, Polmont, between Glasgow and Edinburgh, on 30th of September. Mr. David Mitchell, who has been an enthusiastic patron of both breeds for a good many years, is giving up the game, and will be missed from the ranks. He has a good stock of all classes, and deserves a first-rate sale.

"SCOTLAND YET."

#### Feeding Linseed to Horses.

Though linseed meal does not admit of being given in any large quantity to horses, it is frequently employed to great effect in imparting a gloss or bloom to animals in preparation for exhibition or for sale. Judiciously used, it may be advantageously included in the ordinary everyday rations of working horses, as a pinch of crushed linseed cake added occasionally to the ordinary grain allowance of the animals not only supplies a valuable food material, but also exercises a beneficial influence upon the digestive functions. Ordinarily, linseed meal when used for this purpose is given in a raw state, but some experiments recently carried out abroad go to show that even better results are obtainable by scalding the linseed intended for horses before it is fed to the animals. As is well known, linseed gives the best results when given to calves in the form of muckage, and it is possible that the same conditions that enhance its value as a food for calves when given cooked have something to say to the results obtainable from its employment when used as a food for horses. In giving highly concentrated food of this kind to horses, great care has to be exercised, as if fed in large quantities, more injury than benefit will result. As a commencement, a small allowance should be given, say twice a week, and then the quantity could be increased as the system becomes accustomed to it. (Exchange.)

#### Corn in North Dakota.

In answer to an enquiry, Dr. Hinebaugh, an authority on corn-growing, gives the following information on the subject of growing corn, in the North Dakota Farmer:

We have been successful for the past five years and without frost will ripen our fifth crop by September 12th. It has been grown successfully for at least twelve years in this State. That is as far back as I am personally acquainted with the growth of corn.

The average yield of corn for the ten years ending with 1901 in North Dakota, 21.06 bushels per acre; for Kansas, 21.6 bushels; for Nebraska, 22.22 bushels. This shows that the yield in the so-called corn belt is not so high as is generally supposed. The average yield in Iowa 27.81 bushels per acre. This shows a yield of 6.75 bushels less than the average yield in North Dakota and Nebraska. This is strictly in the corn belt.

The crop has been successful. The average yield for four years on the writer's farm is 20 bushels.

#### The Western Sheep Rancher.

BY J. M'CAIG.

There are certain features connected with the ranching business that of late have given rise to considerable unfavorable prophecy in regard to the future of range enterprises. In the first place the resources of the range are held to be a fixed and limited asset to the country, which is incapable, by reason of there being no chance to improve it, by the expenditure of labor, into an increasing store of support for range cattle and sheep. Worse than this, it is not only a limited quantity, but is a decreasing one, from the fact that the constantly increasing close grazing of the range means a

reduction of food resources, for the natural grasses of the range when once eaten down do not recuperate readily, for they are prevented from reseeding, and hence from renewing their original abundance and top. It is claimed, besides, that in the case of sheep the treading of the grasses is fatal to the range—that the grasses do not renew, and that weeds come in place of the useful vegetation that has been destroyed. These contentions are to some extent well founded. Every man in the ranching business must feel that his range is steadily deteriorating by reason of closer stocking. However, this view is to some degree superficial, for his limitations come more from the increase of neighbors than from other causes, and if he is not getting the grass, someone else is, and hence from the standpoint of the total of national production we are perhaps no worse off than we were before. We must not, however, lose sight of the tendency of too close stocking to reduce the total quantity of available range food. The mistake or misconception is, that because the old-time rancher is limited by reason of immigration to his neighborhood, the range business is going to the dogs. The old-timer has not got the same cinch that he once had.

On the other hand, the coming of the settler must be regarded as a straight gain from the standpoint of the total of production. The rancher, by the incoming of the settler, is not only limited in his free and wide grazing privileges, but also with respect to the free hay obtainable from the natural grasses, and this is counteracted by changes in the business that mean the application of more labor to land, and hence of greater productivity. Though it is the case that there are certain tracts of country that are purely ranch districts, and hence that will not give returns as arable lands, there are along most water fronts and river bottoms, that are a necessary accessory to nearly all ranching propositions, certain patches that will yield a fair crop of grain under cultivation. The crops of oats grown on such lands for fodder are a straight gain to the feeding resources of the country, and are likewise a removal to some extent of some of the risks attending ranching in the old days. Where grass has been free and unlimited, occasional losses gave small concern, but the business now demands more care and attention. This is particularly true with respect to the dogie business, and the practice of making better winter provision for all classes of stock has become more and more fashionable since the dogie business has been introduced. The simple view of the matter is that feeding enterprises have been grafted on to the ranching business, and this should be regarded as an expansion rather than a contraction of stock-raising. There are some who regret the introduction of the dogie business, and who would have it that the range business should be left to those whose chief business is to be able

to "kill a gun" with either hand, or who will not milk a cow because he cannot do it on horseback. The rancher will have to start in and do a little chores with the rest of us, and the sooner he starts the better it will be for the country.

It is the touching on these feeding enterprises that brings us on to talk about sheep. There are some blue-ruin men among sheep writers and sheep keepers, chiefly with the former, and it is easy to make either a fat pig or a lean one on paper. We must confess ourselves to being rather full of warning on this subject. This is the way we look at it: The market for our range mutton has been up to the present a local one—we may call British Columbia such—and it has taken the bulk of our muttons that have been consumed outside of the Territories. Sheep increase rapidly, and British Columbia is not at present going on too fast, and hence a glut was to be apprehended for sheep stock in the Territories has been very rapidly on the increase. A hundred thousand within a year or two in Southern Alberta is quite an addition, to be sure.

It now seems, however, that the solution of this apprehended trouble is coming along parallel with the approach of the trouble itself. The solution, of course, is an extension of the market for range stuff. It is gratifying to be able to report that a Montreal shipper has already made a shipment of a thousand muttons from Southern Alberta for the Liverpool market, and has been more or less persistent in continuing his purchases at the rate of a thousand to fifteen hundred a week for the same purpose, and he is helping the sheep business for producers, for he is competing with buyers for the British Columbia markets, who have shipped over five thousand muttons west already this season. There will be twenty-five thousand muttons sold from the Mormon outfits alone this fall, and probably as much of this stuff will go east as west. All that goes east will not go to Liverpool, but the best of it will be culled out for this market. From present appearances, then, sheep promise to continue to be good stuff.

There are, however, modifying aspects to be taken account of in this connection. The putting of this mutton on the English market is to some extent an experiment. We may accept it as axiomatic that the Briton is a connoisseur in the matter of table meats, and more particularly of mutton, and our stuff may not stand too favorably over there. There are two conditions that make the venture problematical. In the first place, our mutton is strongly tintured with Merino, and may have too sheepy a taste for the Englishman. It is the case that the shipments from this point have been chiefly of the Rambouillet or smooth-bodied French variety of Merino, but these are still inferior to the pure mutton sheep of England. In the second place, except at the period of feeding on the ripened seed-tops of the natural prairie grasses, our mutton is likely to lack the finish that can be got only from a short-rapid period of grain feeding before the sheep are put on the market. It is the case, too, that sheep shipped direct from the range do not adapt themselves to range feeding like cattle do. They are more apt to be "nosey," and so become reduced in condition from the long period of transportation by the time they reach the English butchers' stalls.

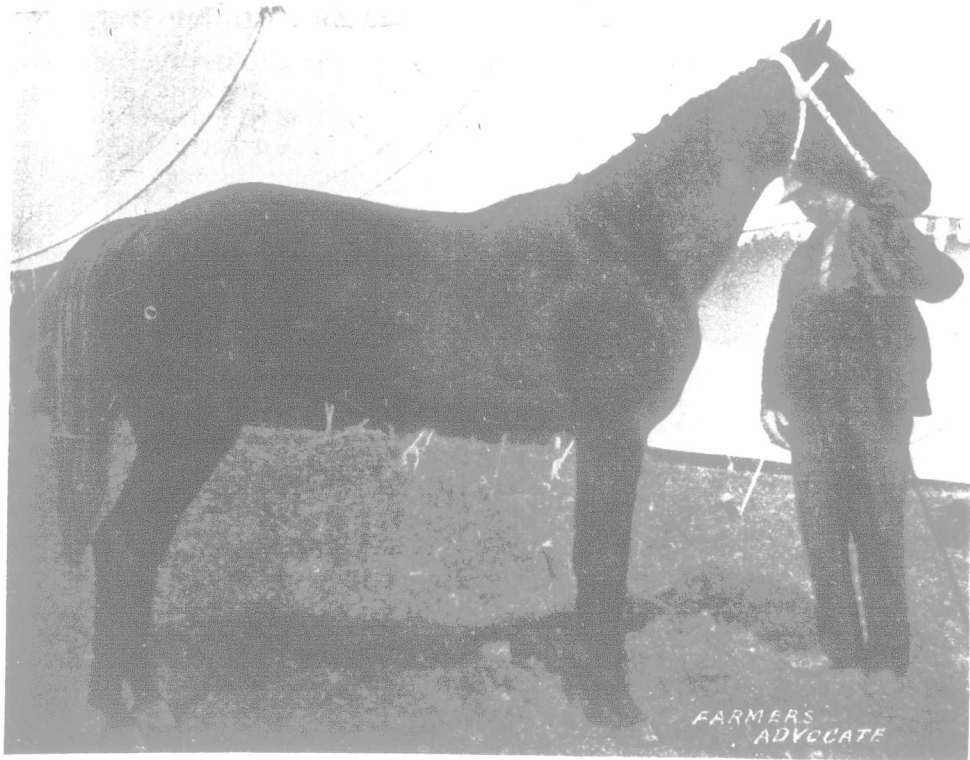
This may be expected to right itself, however. Manitoba feeders are already beginning in a small way to finish our range sheep on the tailings from



CHARMING EVA.

Two-year-old Clydesdale mare at Calgary Exhibition, 1902. PROPERTY OF J. A. TURNER, CALGARY, ALTA.





**TWO-YEAR-OLD ROADSTER FILLY.**

Third prize in class at Winnipeg and Brandon Exhibitions, 1902.  
BRED AND OWNED BY ALEX. D. GAMLEY, BALGAY STOCK FARM, BRANDON, MAN.

elevators. Winnipeg will not import eastern mutton as heretofore, and some of our range stuff too will find its way through Winnipeg across the line to the Chicago and other markets.

One thing we will have to do is to get over the wool heresy. As most of our sheep come from across the line, some of our ideas come from there too, and it bothers us some to see the United States shepherds clip eight or nine pounds of wool off their Merino sheep at seventeen or eighteen cents a pound, while we get an average of nine cents for five or six pounds off our mutton grades—a difference of about three to one. The circumstances are different. We cannot get their markets, with the heavy duty on foreign wool that they have set up, and they have a large substratum of foreign population that is not too discriminating in the matter of meats. Besides, feeding enterprises are an institution over there, and the bulk of their mutton is finished in the feed lots and goes to market in fair shape. This being the case, we cannot afford to neglect the mutton side of our business; we must aim at higher perfection in our mutton, to be attained by greater attention to both feeding and breeding.

It has been said that the sheep ranching business is nearing, if it has not already reached, its limit of success and profit in the Territories. The Winnipeg Commercial puts forth this idea with considerable prominence and confidence. Such view must be held somewhat superficial. There is every reason to believe that the business, instead of being on the verge of disappointing contraction, will enlarge and become more profitable in the future. It will rather become stable and assured from being more intensive and elaborate. The ranching and the farming enterprises of the West will become complementary and mutually helpful to each other, more labor will be invested in the products of the range, the products will be greater and of better quality and the business will lose the haphazard aspects of the pure ranching enterprise.

On the wool side we must not expect higher prices with the elimination of Merino blood and the infusion of English mutton blood, but it is fair to expect that the increase in industrialism in the east will mean a greatly increased local conversion of our wool into stock and a greatly reduced cost of textile fabrics to the general consumer and user, who up to the present has been paying a heavy protective and transportation charge to the foreign manufacturer.

**The Western Wool Clip.**

A member of a Winnipeg hide and wool house who has spent some considerable time in the West among the sheep ranches, reports a very considerable increase in the output of wool. The figures given are 1,100,000 pounds for this season's clip, as against 500,000 pounds last year. This increase he attributes largely to the large number of sheep that have been brought from south of the line into Canadian territory. These new sheep, being largely of Merino extraction, have added greatly to the quantity of fine wool. The Merinos are going into sheep raising to a considerable extent. The average price for the season's wool clip is placed at eight to nine cents per pound. Not a very encouraging price, surely, to the grower.

**"Bucket Shop Methods with Shorthorns!"**

It is not so long ago that the colored lady, whether cook or nurse, would refuse to work for any but the "first families," and dubbed all others "white trash." Today we see the methods of the Ethiopian repeated in the Shorthorn ranks, with the absolute certainty of such results following as followed the Duchess craze and boom. Dividing the reds, whites and roans into families renders the work of the speculator and dealer easier, more alluring and more profitable than if animals of this noted breed were judged on their merits for the block, the dairy or the breeding herd. All Scotch is the slogan of the boomster who seeks

to make hay while the sun shines. This person probably has visited a herd and finds in it a family containing some good representatives, which for the nonce we will term "Widehooks." Unknown to fame and the breeders, this plebeian family is boomed by the finder, who by different methods makes of them aristocrats, without, however, offence to those of similar rank but far more ancient lineage, thus differing from their human confreres. The importer—usually, by the way, an expert, and only experts can play the game without getting singed—starts to work the market, and gets his reward, and the novice bows down and worships the Widehooks or jostles his neighbor to get a chance to bid on one. It is an interesting study, the booming of a Shorthorn family, and is a marvellous testimonial to the power of trusts—trust in the gullibility of the human race, and trust in a brother dealer or speculator. One avenue to the moneyed novice and the breeder is the public sale—a vendue is held amid great flourish of trumpets; auctioneers are distributed among the onlookers, and the play commences. A brother dealer is, for the time, transformed into a Napoleon of finance, and buys the 1000th Lady Barren at a big figure, on paper, and a beginner in the business of breeding Shorthorns, afraid that all the plums will be gone, gets excited, and, thinking that this will be the last call for "good roasts on foot," steps into the ring and has unloaded on to him Duke Sterile 20th, who does nothing more for his owner than consume a barrel of molasses and win a prize at a State fair. The sale is a success—the family is boomed—but the breed is injured, because of fictitious prices, unreliable deals, and the air of uncertainty that begins to pervade the ranks of the breeders. The big breeder, anxious to profit by the temporary boom, sells his culs for breeding purposes, instead of to the butcher; while the small breeder, frightened at the high prices, dares not lift his eyes to the offerings of good bulls, invests or rather throws away his money on an inferior, low-priced one, because he fancies he has not the wherewithal to possess a good one. Confidence is lost and prices go down to the level of the "submerged tenth," only illustrating again the swing of the pendulum. An ancient sage tells us that "all is not gold that glitters," and we might add that "all are not good ones that are imported." The booming of a breed beyond its value would not be possible if all were possessed of an accurate knowledge of what constitutes merit in live stock. Crazes in live-stock breeding are the manifestations of live-stock ignorance, and call for prompt treat-

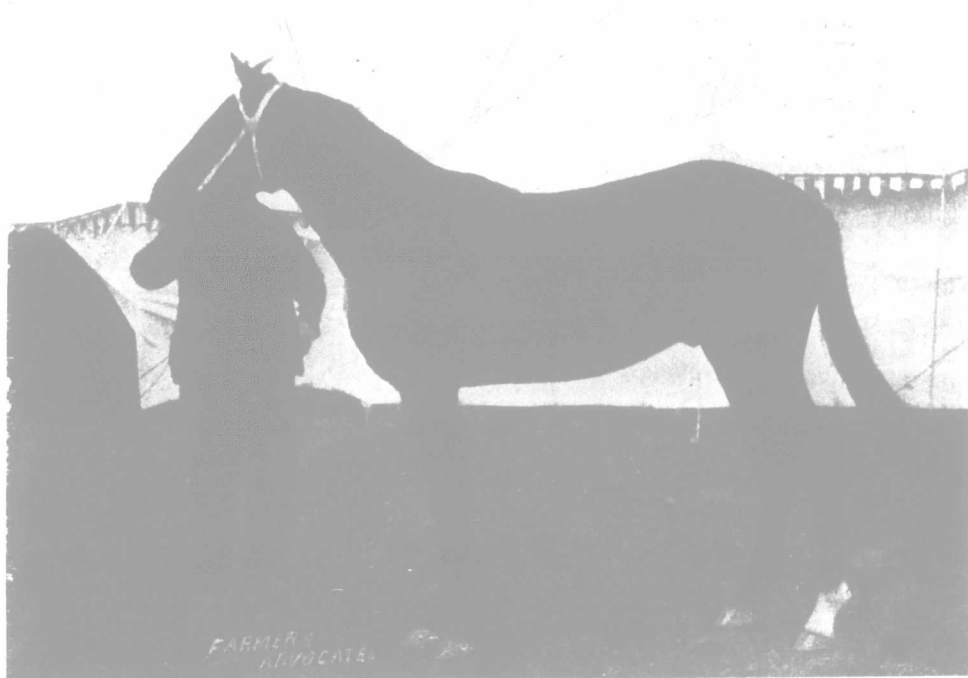
ments, one of the most successful of which is a school of live-stock judging. The butcher's block or the consumer's palate recognizes not family, and the pair constitute judge and jury of the live-stock world. INTER PRIMOS.

**The Perennial Sow Thistle.**

The perennial sow thistle is becoming very troublesome in certain sections of Eastern Manitoba. In portions of the Mennonite Reserve east of the Red River it has almost taken possession of whole fields. It will require some attention on the part of the farmers before it can be eradicated, and the weed inspector might well give it some attention, if only in the way of advising as to the best methods of fighting it. Dr. Fletcher, the Botanist of the Dominion Experimental Farms, thus describes this weed in his evidence before the Agricultural Committee of the House of Commons:

"I think the weed giving more trouble than any other over a wide area in Canada to-day is a plant which is called a thistle, because its leaves are rather prickly. It grows about three feet high. The young plant starts from the seed as all plants do, of course, and the first year it makes a rosette of leaves on the ground, a single rosette. The next year several shoots appear around that, and one strong stem is thrown up. This strong stem bears four or five large yellow flowers, by which it can be readily recognized; these are like dandelion flowers, which blossom just as the small grains are coming into head. While the grain is growing, the flowers stand up four or five inches above the grain. The plant has an underground root system which extends very far from the central point, and at the top of each underground branch is developed a large cluster of leaves as big as a breakfast plate. The leaves lie flat, and no grain can grow where they are. It spreads very rapidly and is a deep-rooted perennial. When once established in land, it requires a deal of attention, and hard persistent work to eradicate it. It is a very bad weed, and must be treated specially if a farmer wishes to clear up his land. The best treatment is to plow the land deeply in hot weather, and then cultivate it once after that, and, if possible, put in a late crop, to be cut green for feed, or a summer smother crop such as rape, Hungarian millet, clover or buckwheat, which can either be used afterwards for seed or as green feed, and then plowed down. This will so much weaken the sow thistle that in the next year a hoed crop will clear it out, if well cultivated. The point about this weed is that it is deep-rooted, and for that reason an important part of the treatment must be deep plowing and the breaking up of the underground stems so as to induce them to make a second growth, and then disturbing them so that new plants cannot get established, but the stored food in the root-stocks is exhausted.

"It grows from the seed very largely, and also from the root. The seed bears a silky or downy wing or pappus, by which it is blown long distances over the country. In some parishes around Quebec it has become very troublesome, and it is a great nuisance to threshers. When threshing grain, the silky covering breaks up and gets into the eyes of the threshers, causing so much trouble that they are compelled to use veils to protect their eyes."



**TWO-YEAR-OLD ROADSTER GELDING.**

Second prize in class at Winnipeg Industrial and Brandon Fairs, 1902.  
BRED AND OWNED BY ALEX. D. GAMLEY, BALGAY STOCK FARM, BRANDON, MAN.

**How I Made the Sweepstakes Cheese.**

To the Editor "Farmer's Advocate":

I am pleased to comply with your request for a description of how I made the first-prize white and colored and sweepstakes cheese at the Winnipeg Industrial.

In the first place, I might state I always keep a memorandum of each day's work, which I think is a good companion for any cheesemaker. I always encourage my patrons to take care of their milk. On this occasion I request them to wipe the udder of the cows with a cloth and to scour their utensils with salt and put the morning milk in the can after cooling to the temperature of the atmosphere. I used salt in cleaning all my tinware before receiving the milk.

On June 24th, a bright, warm day, I prepared to manufacture my colored cheese. I received 2,100 lbs. of milk for the purpose, and did not use a starter on this lot. I set my vats at 8.55, using three ounces of Hansen's Rennet Extract, which coagulated the milk fit for cutting in 35 minutes. The amount of color used was 1 1/2 ounces. After cutting I stirred gently for 10 minutes before turning on steam, then taking 40 minutes for working, drawing the whey with one-quarter inch of acid in exactly two hours and 50 minutes from the time I added the rennet; then stirring until it was quite dry, piling about six inches in depth on the bottom of vat. After letting it mat together I cut it in strips about six inches wide, turning about every 20 minutes until ready to mill, which was done 2 1/2 hours after drawing the whey. Then I gave it plenty of air and vigorous stirring for about one hour. I then added the salt, using three pounds of dairy salt to 1,000 pounds of milk. After letting it remain in the salt for one hour I put it in press, letting it stand in hoops for 20 minutes before turning down, then giving it continuous pressure for 50 minutes before bandaging. When starting to dress cheese I wash them with warm water, then put on the second bandage, turning next morning in press, and allow them to remain until the following day. I then took them out and placed them at a temperature of 60 degrees for 10 days, after which I placed them at 40 degrees until exhibited.

My white cheese was made on the following day, using 2 per cent. of starter made by pasteurizing a quantity of milk and placing it in a sealer for four days, which makes a starter equal to the pure culture, fresh and free from germs. I used the same amount of rennet on this as on the former vat, but heated two degrees less, that is to 48 degrees Fahr. For this day's make we received 2,000 pounds of milk, setting it at eight o'clock, coagulating in ten minutes, cutting this somewhat finer than the colored, heating it 30 minutes, then drawing all the whey possible off; stirred vigorously for 40 minutes with agitator. The acid on this batch developed one-eighth of an inch in one hour and 20 minutes. I commenced stirring rapidly for 40 minutes, therefore kept the acid at a standstill and procured good body in my curd, handling after this much the same as the colored.

These, I think, are the particulars, and will, I hope, be of use.  
 HARRY ARGUE,  
 Oak Island, Man. Cheesemaker.

[The scores made by the cheese above referred to, as judged by Mr. Arch. Smith, Instructor of

the Strathroy Dairy School, who acted as judge for all dairy products at the late Winnipeg Industrial, are as follows:

	Possible.	Colored.	White.
Flavor	45	43	43
Grain	25	23	21
Color	15	14 1/2	15
Salt	10	10	10
Finish	5	4 1/2	5
	100	95	79

—Ed. F. A.]

**Stonewall Fair.**

Fall fairs have serious difficulties to encounter. There is so much work that must be attended to in the fall that time is at a premium, and the weather is always a doubtful quantity.

Stonewall Fair was held on September 25th, and was fortunate as to the weather, and fairly well attended. There was, as usual, a good turnout of stock, especially horses and cattle. In Shorthorns, the herds of Walter James and W. G. Styles, of Rosser, were represented, the former winning the herd prize. John McQuat, Stony Mountain, was this year awarded first on aged bull, W. G. Styles winning second with Pomroy Favorite. Sam Scott won first on two-year-old, with W. G. Livingston second. Walter James first on yearling, and E. C. Sawyer second. W. G. Styles won on calf, with J. McQuat second. The only other pure breed represented was the Holstein, of which a full herd was shown by John Oughton, Stonewall. The grade class was strong. John Oughton, Stonewall, was the only exhibitor of sheep, showing representatives from his Shropshire flock. Berkshires were shown by Sam Scott and P. J. Irwin; Tamworths by W. G. Styles, Rosser, and H. L. McDermott, Headingly; and Yorkshires by H. L. McDermott, Headingly, and P. J. Irwin.

There was an excellent display of the utility breeds of poultry. Ira Stratton, editor of the Argus, showing Buff Orpingtons, Black Langshans, Barred, Buff and White Rocks, and geese. Geo. D. McKenzie showed Black Minorcas and White and Buff Wyandottes. Geo. Laing, White Leghorns, Black Minorcas and Silver Wyandottes. Jas. A. Mitchell, Barred Plymouth Rocks and Pekin ducks. W. G. Styles showed Pekin ducks, and John Oughton, Toulouse geese.

There was keen competition in the dairy class, there being over seventy entries in the class, the successful exhibitors being Mrs. M. Nickol, Mrs. M. J. Proctor, Josiah Hunter, Mrs. Jas. Fraser, M. J. Porteous and Mrs. A. McNabb.

In the agricultural products, roots and vegetables, the show was quite worthy of the locality. Jas. Douglas and Walter James were first and second, respectively, on Red Fyfe wheat.

**Farmers' Telephone.**

P. F. Allison writes from Alberta, with reference to the question of farmers' telephones: "I would say to John Brooks, in regard to the telephones, that we had experience in this matter in Minnesota. We found the best and cheapest way was for the farmers to build their own line. As we are now building a line here in Alberta, we will soon be able to give you the cost in this country."

**On the Range at Medicine Hat.**

A representative of the "Advocate" stopped off recently at Medicine Hat, and while there had the good fortune of meeting Mr. Robt. Scott, a large rancher and well-known cattle buyer, who was about starting on a trip through the ranching district south of the town for the purpose of arranging for the delivery of a trainload of export cattle. We left the Hat shortly after 6 p.m., driving south-west a distance of about thirty miles that evening to the headquarters of the Medicine Hat Ranch Co. The large herd of cattle belonging to this company were being pastured some twenty-five miles away, so we did not see them, but a very good bunch of horses owned by the company were near, and with Mr. Margeson, the manager, we had a look at them.

A large supply of hay of good quality has been secured for feeding to the younger stock and also to the others in case of extremely rough weather. The winter feeding ground for this herd has been carefully guarded, and with normal conditions a vigorous lot of rustlers will start out next spring to store up fat for next fall's export trade. Next we travelled eastward for twenty-five miles, sometimes with but oftener without a trail. The country is very rolling, with here and there deep coulees, and from the tops of the higher ridges some of Montana's mountains away to the south could be plainly seen. No house was seen during this twenty-five-mile drive, for we kept away from the larger coulees, and it is in these for shelter and water that the rancher locates. We had dinner at Bolton's ranch. Mr. Bolton is an Englishman and keeps both horses and cattle. He prefers horses and intimated his intention of giving preference to them by increasing their numbers considerably. Still pursuing our way eastward, we came upon several large herds of cattle and horses feeding near the borders of a very pretty lake. After bunching some of them, we applied the kodak, and proceeded to Brown's ranch. While our horses were feeding, Mr. Brown kindly loaned a saddle horse, thus enabling me to visit a newcomer, Mr. MacDonald by name. He is located in a nestlike enclosure, has got his buildings in very good shape, and provided a considerable quantity of hay. From near here we could see Eagle Butte, where Mr. Scott ranches, but we had not time to call. Farther eastward could be seen a wooded mountain, where a sawmill supplies the necessary lumber for the ranchers' buildings.

Next call was on E. Peachey, of Plum Coulee, where the night was spent. In the morning we visited F. Peachey's, near by.

On the return journey to the Hat we passed several beginners, and called at Henry Hamilton's sheep ranch at Antelope Cut. Mr. Hamilton's son is the shepherd boy, and he and his good dogs soon bunched the sheep for us, the kodak again getting in its work. The people are exceedingly hospitable, without exception, which added very much to the pleasantness of the trip. In several places prairie fires had left their mark, considerable portions being swept clean, but no stacks or buildings had been damaged as far as could be seen. Game is very plentiful in this region, and a herd of graceful antelope was sighted during the drive.



FARMER'S ADVOCATE

SOUTH DORSET, ENGLAND, 1894.  
 First prize Ottawa Industrial Exhibition, 1894.  
 PROPERTY OF MR. F. E. CAME, CHAMCOOK, S.S., NEW BRUNSWICK.



LORD ROBERTS 4TH.

Two-year-old Shropshire ram, sired by an imported Tanner-bred ram, dam an imported Minton ewe. Winner of first prize, Toronto Exhibition, 1892, and sweepstakes for best American-bred Shropshire ram, any age; also first at London.

OWNED AND EXHIBITED BY D. G. & J. G. HANMER, MT. VERNON, ONT.



THE HOME OF THOS. MCINTOSH, MARKET GARDENER, KILDONAN, MAN.

Among the Market Gardeners.

Market gardening is an industry of rapidly-growing importance in the vicinity of Winnipeg, where the ever-increasing population make large demands on the luscious vegetables that grow so splendidly in our rich soil and under the influence of our long hours of light and sunshine. While there is some truth in the common saying that the land about Winnipeg is infested with weeds, it is equally true that the rich, strong soil that produces in such luxuriance weeds of almost every noxious variety, produces vegetables of the very finest quality. On many of these large market gardens, one of the most gratifying things is their high state of cultivation and freedom from weeds. To clean some of this weed-infested land, that has been intermittently under cultivation for fifty years or more, requires considerable labor, and until recent years this labor was very difficult to obtain. Now, however, it is supplied by women of the foreign element that have settled in Winnipeg. This class of labor, the gardeners say, is now fairly plentiful and is quite satisfactory.

For the pickling works cucumbers and pickling onions are grown by the acre, under contract, at prices set at the beginning of the season, ranging according to the quality of the products. Many of the leading gardeners now grow but few potatoes, only sufficient to supply early market demands, leaving the bulk crop to be grown by those who make a specialty of this crop, and to farmers living further away from the market.

On this page appears an illustration of the home of one prominent gardener, Mr. Thos. McIntosh, and also a view of an onion patch with the "kid-gloved" proprietor in the foreground. Mr. McIntosh cleared his garden out of heavy poplar scrub a few years ago, and with the aid of four stalwart sons, has built up a comfortable home and a profitable business. His garden consists of 11 acres, situated on the east side of the Red River, about 1/2 a mile north of the Louise Bridge. The land fronts on the Kildonan main road and is well drained by a coulee which crosses the back end. The land is kept in a high state of cultivation, well manured and the weeds are always kept in subjection. One large wagon-load of vegetables is retailed every day in the city, and two on Saturdays, making seven loads per week throughout the season. In order to supply demands of customers, a continuous supply of vegetables of all varieties has to be kept up. The onions in the quarter acre patch, herewith portrayed, are of the Yellow Globe Danvers variety, a favorite with the grower as well as the consumers. This patch yielded 100 bushels of marketable onions, or at the rate of 400 bushels per acre. Another variety grown is the Australian Brown. At the time of our visit about 400 bushels of onions had been safely harvested, in addition to the large quantity used during the season. Some favorite varieties grown by Mr. McIntosh are: For early cabbage, the Charleston Wakefield, the Early Summer and the Vandergaw. In cauliflowers, the Henderson has always been the variety most in favor, but this year a considerable area was planted with Select Erfort, but it has proved rather late, especially for this season. The improved long green cucumber is most in favor, and in tomatoes, the Ruby and the Early Anna, the latter proving, these past two years, a very early sort, of fine quality, ripening out of doors early in the season. The White Cory corn is grown in considerable quantities, and while only few potatoes are grown, the Bovee and the Early Harvest are favorites.

Mr. McIntosh has taken a prominent

part in the affairs of the local agricultural society, as well as being on the directorate of the Provincial Horticultural Society.

Pasteurized Cream Butter.

The following from an American exchange on the keeping qualities of butter made from pasteurized cream will be read with interest:

The superior keeping quality of pasteurized-cream butter was brought out forcibly at the State Fair. M. Sondergaard, winner of second premium, with a score of 97, pasteurized the cream from which his exhibit was made, and only a few days after the scoring was completed his tub would have easily taken first, and from day to day there was a wider difference in quality, and in course of a week there was no comparison, and every one who examined the pasteurized goods was most favorably impressed with it. It has been reported that the criticisms Mr. Sondergaard received from the four tests were complimentary and lead him to believe that he has some good scores.

This only substantiates the work done at the Minnesota Dairy School the past year or two, of which nothing has been said, but the results obtained were gratifying to the school; in every test the pasteurized-cream butter was improved and the keeping quality greatly improved.

The scores of the winners at the State Fair were:

H. J. Rosenau	97 1/2
M. Sondergaard	97
M. P. Mortensen	96 1/2

The deterioration of the two tubs of unpasteurized-cream butter was so perceptible that at the end of the week, or just one week after the scoring was completed, J. S. Moody, one of the judges, and B. D. White had the tubs stripped and neither knew the numbers, re-scored the three tubs of butter with the following results:

H. J. Rosenau	92 1/2
M. Sondergaard	96 1/2
M. P. Mortensen	91 1/2

Mr. Rosenau's butter showed age, and was some rancid, while Mr. Sondergaard's was fresh and sweet; in fact, it did not show age, notwithstanding the fact that it was bored full of holes, and Mr. Mortensen's had developed a weedy flavor, besides showing age. Denmark has gone through the same thing. The same experiments were made three years ago, and we are just commencing to make experiments and establish facts settled years ago by Danish buttermakers. Perhaps after awhile we will learn what they have known for some time, and when we reach that point, we will pasteurize our cream and make better butter, butter which will reach the consumer in good condition.

The Stock Shipments from Medicine Hat.

Probably what will have as much bearing as anything upon the settlement of the cattle-sheep districts question, now before Commissioner Stewart, is the relative value of the two industries to the district in the matter of monetary consideration. There are both more cattle and sheep in the country this year than ever before. It would be natural to suppose that the shipments would be greater than ever. The prices for cattle are the best paid since the placing of the embargo. Mutton prices are off somewhat and lower than last year. The reason for this is over-production and over-stocking from the American side. One buyer has secured 7,000 head of muttons this year in the Mormon country, where hitherto he could not buy any. This has had its effect upon our local sellers. The records of shipments to date are easily attainable, and to this we couple the estimate of a shipper who should know the prospects for movements between now and fall. Over six hundred carloads of beef cattle have left or will leave here this season, and twenty-five carloads of mutton sheep. Eighteen beef animals to a car and 190 head of mutton sheep to a car figure up near the same in value, so that it can be seen that the cattle business wonderfully overlaps. The horse business, too, has been quite a big trade, but we have not the figures prepared for making a comparison with the other lines of stock.—[The News.

Winnipeg Industrial Finances.

Owing to the increasing interest being taken throughout the country in the Winnipeg Industrial, and the splendid success achieved by the fair this year and the greatly increased attendance, the following estimate of the receipts and expenditures will be read with interest. The receipts, it will be noticed, are very large, larger than ever before. Considerable surprise has been expressed that a big surplus has not been saved over expenses. The percentage basis, however, under which the attractions were engaged, from the very fact that the fair was so successful, made a big hole in the receipts. Had the fair been a failure from bad weather or any other cause, the exhibition would have been insured against loss by the plan they adopted. It may be a matter of opinion, however, whether the Board should or should not have adopted this plan, even for the sake of insuring against bad weather.

One pleasing feature of the statement is the increase of nearly \$4,000 in the amount of prizes paid out: \$18,934.05 is a very handsome amount to be distributed in cash prizes.

RECEIPTS.	
Shares	\$ 18 00
Grants (Provincial Gov't, city of Winnipeg)	10,500 00
Subscriptions to prize list	1,445 00
Miscellaneous	1,236 80
Entry fees	4,086 70
Space rentals	29 34
Privileges	4,606 35
Gates	19,358 75
Grand stand	\$18,370 40
Midway	5,180 82
Advertising	1,012 80
Colt stakes, 1903	\$24 00
Colt stakes, 1904	18 00
Yet to be collected (estimated)	1,500 00
<b>Total receipts</b>	<b>\$67,576 96</b>

EXPENDITURES.	
Prizes	\$18,934 05
Printing and advertising	7,489 15
Auditors' fee	50 00
Travelling expenses and sundries	429 85
American Trotting Association dues and fees	286 50
Duty on circus outfit and tickets	71 70
Refunds	38 50
Telephone at grounds, directors' medals, moving offices, paint-poles, repairs	165 60
Wreath for the late Mr. Scarth	25 00
Professional services	45 50
Jabour Carnival Co.'s percentage	14,344 85
Fireworks (percentage)	4,390 77
Bands and transportation	2,557 40
Scenery and platform men	198 25
Von Palm (services)	350 93
Allen & Scheyerer	673 55
Sundries	44 00
Hire of tents	68 65
Freight charges and insurance on loan exhibit of pictures and Magau trap, etc.	593 48
Treasurer's pay sheet, ticket sellers and takers, ushers, gatekeepers; fixing up office on Lombard St. for sale of tickets, rent of same; hack hire	1,331 85
Erecting poles for scenery and hauling same; repairs to turnstiles and chopper boxes	454 99
Opening luncheon, meals for directors, office staff, treasurer's staff, firemen, bands	1,393 57
Light	542 00
Attendants for Main, B. C. Horticultural and Dairy buildings, and on all live stock	1,085 97
Receiving and shipping exhibits; ice; feed for live horses; hardware and sundries	316 00
Police services	709 20
Work and material on grounds	1,983 74
Straw	129 00
Lumber	601 08
Electric lighting contract	975 00
Machinery	250 00
Plumbing	638 22
Salaries and management	1,946 00
Office expenses and maintenance	612 91
Judges	957 70
Extra office	817 10
Daily cash	400 00
Freight refunds	10 40
<b>Total</b>	<b>\$65,895 46</b>
<b>Total receipts</b>	<b>\$67,576 96</b>
<b>Total expenditure</b>	<b>\$65,895 46</b>
<b>Balance</b>	<b>\$ 1,681 50</b>



A QUARTER OF AN ACRE OF YELLOW GLOBE DANVERS ONIONS. Grown by Thos. McIntosh, Kildonan, Man.

### The C. P. R. Asked to Reduce Their Wheat Rate to 10c.

At a meeting of the Winnipeg Board of Trade, recently held, a very strong resolution was passed urging the C. P. R. to reduce their rate on wheat from Manitoba points to the lake ports to the same rate as now in force over the C. N. R.; the rate over the C. N. R. being 10 cents per 100 lbs., while the C. P. R. still retain their 12-cent rate.

The resolution reads as follows:

Whereas the Winnipeg board of trade has from the beginning felt that the rates of freight on outgoing grain and its products was one of the most vital interest to the trade of this country, and has placed itself upon record time and again, urging the Canadian Pacific railway to reduce their rates, and for long years did claim that those rates should not exceed the published rate then in force from Minneapolis and St. Paul to Chicago, namely, 12½ cents (the actual rate between these cities being at the time much less), and

Whereas, the amount of grain and its products going out of the country has vastly increased during late years and the time has certainly arrived when the Canadian Pacific can afford to make a material reduction; and

Whereas the Canadian Northern railway opened for business in the winter of 1901 and 1902, and made a charge for the carriage of wheat from Winnipeg to Port Arthur of 12c. per 100 lbs., with a provision for a reduction at a later date to a rate not exceeding 10c. per 100 lbs., and

Whereas the rate so charged by the Canadian Northern railway is ample for the service rendered, as was shown by an offer from the Canadian Pacific railway to perform the same service for the same rates, with the same provision for reduction to 10c. per 100 lbs., provided the Northern Pacific railway lines in the Province were turned over to it;

The rate charged by the Canadian Pacific railway for carriage from the same points was 14c. per 100 lbs., or 2c. higher than charged by the Canadian Northern for the same service;

Upon application being made to the Canadian Pacific railway for a reduction in their charges to those of the Canadian Northern, the reply was given that no change would be made until the first of September, 1902, and this answer was supposed to be given because of the fact that the great bulk of the crop had been passed into grain dealers' hands, and consequently the farmers would not be benefited to any extent by reduction until the crop of 1902 was ready for shipment;

The board of trade regrets that the Canadian Pacific railway company, taking advantage of the very large crop now in the country and their established position, covering as they do practically the entire territory and with the elevators and other facilities of an old established line, have refused to make the reduction in their rates that was implied by the statement above mentioned, but continue to charge from all competitive and common points 2c. per 100 lbs. more than the rate charged by the Canadian Northern railway, and the charging by the Canadian Pacific railway of a higher rate than that of the Canadian Northern is gross injustice to the people along their own lines, and is having and is bound to have a most disturbing effect upon business of all kinds within the greater portion of the Province of Manitoba where the lines of the Canadian Pacific railway and Canadian Northern railway are within a reasonable distance of each other, and is bound to have a very detrimental effect on all traders doing business in Canadian Pacific towns so situated, the effect being to draw trade away from them and build up the Canadian Northern towns adjacent;

Therefore, be it resolved, that every effort be put forth to induce the Canadian Pacific railway to reconsider their rates and reduce them to not exceeding those of the Canadian Northern railway, and that the co-operation of every board of trade and business interest on the line of the Canadian Pacific railway, so affected, be sought, and that a communication enclosing a copy of these resolutions and setting forth the facts be forwarded to every member of the Local Legislature and to every member of the House of Commons from this Province, and to the premiers of the Local and Dominion Governments, asking their aid and co-operation in every way to secure the above object.

### The Northwest Entomological Society.

We are requested to announce on behalf of the Northwest Entomological Society that a prize of \$2.50 in each of books, at the option of the prizewinner, will be given by Dr. Jas. Fletcher, of Ottawa (Dominion Entomologist), for the best collection of injurious and beneficial insects; and \$1.50 will be given by the Society for the best general collection of insects. Dr. Fletcher will also give a prize of \$2.50 for the best collection of pressed plants, which includes noxious weeds and grasses; and the Society will give a prize of \$1.50 for the best general collection of pressed plants, etc.

The awards will be announced at Calgary early in November. Percy B. Greenway, Wainwright, Alberta, is the secretary of the society.

### Along the Road.

#### DIVERSIFIED FARMING.

As all readers of the "Advocate" know, the "Advocate" always has advocated diversified farming in Manitoba as the safest insurance against a total failure of farm revenue. During the past month one of our representatives had the pleasure of visiting several farmers in southern Manitoba who are following this class of farming with equal success to their crop-favored, wheat-growing brother.

On the Atnew stock farm of A. W. Playfair, Baldur, was found every indication of thrift and prosperity. At the time of our visit, Mr. Playfair was filling his barnyard with stacks from the broad outfields. "I find it a terribly unpleasant job hauling home feed in the winter," said the proprietor. Pure-bred and graceful Shorthorn cattle are kept to the number of about 100. Goldmine, son of Imp. Golden Measure (72615) = 26057 =, heads the herd. About twenty cows are milked and the cream shipped to Brandon, the returns being from \$60.00 to \$75.00 per month. It is also the object to turn off about ten or fifteen hogs per month, a cross of Yorkshire and Berkshire being found most satisfactory. A neat five-horse-power gasoline engine drives all the stationary machinery. Mr. Playfair considers that mixed farming is the only solution of the labor problem, which this year has become so complicated. By following this class of farming the men are given employment the year round, the work is evenly distributed, the danger from total loss is lessened, and the income of the farm is constant.

Mr. Crower and Mr. G. Playfair practise much the same class of farming as their neighbor, Mr. A. W. Playfair.

At Ninette, Mr. Harry Lowe also was found following mixed farming. A barn 40 x 60 has just been completed. The cattle stables occupy the stone-walled basement, a horse stable being above, and the barn for feed storage comprises the top story. Pure-bred Yorkshires and Holsteins are kept. Mr. Lowe also owns the Thoroughbred Norval, a very fine specimen of the breed.

A still more diversified farm is that of Mr. W. Paterson, of Wawanesa. About fifteen head of pure-bred Holsteins are kept, the foundation stock being obtained several years ago from Peel Bros., of Ontario. One of the best cows in the herd is Belle of Norwood, bred by McLures, of Ontario. The Holsteins are exceptionally large, a stock bull recently sold tipping the scales at 2,680 lbs.

As Mr. Paterson is getting up in years, much of his time is devoted to light work, beekeeping being his favorite occupation. At present there are about thirty colonies in his yard. The hives are very neatly built and lined with three inches of chaff. Mr. Paterson has not yet used top stories, but markets a very fine quality of honey at 15 cents per pound. Until quite recently he has kept only ordinary black bees, but has now an Italian queen, imported from Virginia, and also another from Ohio. The goldenrod and other wild flowers furnish most of the honey.

One mile east of Minto, on the farm of Mr. R. G. Campbell, poultry is an important factor. The "Advocate" representative saw his majesty the drake leading 150 of his retainers to the shores for morning ablutions. Mrs. Campbell superintends the poultry operations, and finds it a profitable diversion in the life of a farmer's wife. One of the boys is also very successful with the gun when wild geese appear, usually getting from one to two hundred. All the fowl are marketed locally at Minto.

Four miles north-east of Treherne, Mr. Jas. Barron is laying the foundation of a fine herd of Shorthorns, his most recent purchase being two young females from the herd of Purvis Thompson, of Pilot Mound. The farm is beautifully situated, the rolling prairie and the low land being about equally divided. A small creek running through the farm furnishes abundant water.

Mount Pleasant stock farm is the name of Mr. W. H. Brewster's large property. The farm lies midway between Holland and Treherne, and one mile south of the Glenboro line. Here also the redoubtable Shorthorn is the prime favorite. The head of the herd is Statesman's Heir (38351), sired by American Statesman. His grandsons being British Statesman and Baron's Pride. In Mr. Brewster the Yorkshire swine have an ardent admirer. A boar and three sows from the herd of Mr. Thos. Greenway, Crystal City, are now established on Mount Pleasant and promise to bring notoriety to this establishment. With a fair share of Dame Fortune's smiles Mr. Brewster should give a good account of himself in live stock circles, as nothing but the best is to be kept on Mount Pleasant.

The town of Cypress River is still maintaining her reputation as the home of successful breeders. Four miles north-east of the town Mr. Jno. Young has embarked into the field as a breeder of Shorthorns. An American Statesman heads the herd of about fifteen. The quality and pedigree of the individuals are doubtless of the

Young expects to go East this winter in search of some choice young females.

South of Cypress River the Bates strain hold sway at The Poplars, the farm of Martin Bros.

Elm Bluff is the name of Mr. Frank Murdock's stock farm. It is situated in the Tiger Hills, between Cypress River and Baldur. Upon the farm is considerable low pasture, which is admirably suited to the tastes of the Shorthorns and Shropshires. Lord Minto = 27804 =, by Nissouri Chief = 24882 =, stands at the head of the herd. His color is roan. He is low-set, smooth and mellow. The calves by Lord Minto have been very successful at the local fairs. Mr. Murdock recently bought from P. Thompson, 3rd Duchess of Willowdale, sired by Cavalier = 22608 =, first at Winnipeg as a two-year-old, and 1st Duchess of Willowdale, sired by Caithness = 22065 =. Baldur Primrose is also outstanding. Her great-grand sire was Imp. Abbotsburn 1310. The flock of Shropshires is headed by Milford, sire Fairview Brick, by Imp. Newton Lord. This year's crop of lambs were mostly ewes, but the young rams sold like "hot cakes." The owner of Elm Bluff is a cautious business man and studies well his needs before purchasing. With his cattle and sheep he has been very successful at the local fairs, and expects soon to break into hotter company.

### Annual Meeting of the Brandon Fair.

The annual meeting of the Western Agricultural Association, of Brandon, was held on Sept. 23rd. The financial report for the year shows a very satisfactory state of affairs. The figures given in the press reports are: Receipts, \$18,536.70; expenditures, \$14,149.22, or \$4,387.48 of a balance, to be applied to the reduction of the liabilities. The auditors' report showed the assets to be \$26,131.43, the liabilities \$11,991.79, or a surplus of \$14,142.64. The following directors were elected for the ensuing year: R. M. Matheson, president; A. McPhail, first vice-president; H. L. Patmore, second vice-president; W. M. Anderson, J. P. Brisbin, Wm. Ferguson, John Hanbury, Jas. Henderson, W. J. Lindsay, Wm. Middleton, Wm. Warner, J. S. Gibson, J. A. McKellar, J. W. Fleming and R. E. A. Leech.

A full statement of receipts and expenditure is given below:

RECEIPTS.	
Shareholders' calls on stock	\$ 858 00
Entry fees	601 40
Gate and grand-stand receipts	9,151 10
Privileges	1,636 00
Prize list	936 00
Grants	3,267 10
Entry fees, speeding events	87 25
Subscriptions, 11 mile dash	375 00
Donations received	424 00
Rent, sales and storage	45 85
	\$18,536 70
EXPENDITURE.	
Salaries	\$ 844 96
Printing and advertising	1,213 02
Office expenses	928 00
Grounds and building	3,823 25
Prizes paid	2,363 42
Attractions	1,489 70
Audit	30 60
Interest and discount	6 45
Sports	2,687 40
Unpaid accounts	380 93
	\$14,149 22
Receipts	\$18,536 70
Expenditure	14,149 22
Balance	\$ 4,387 48

#### AUDITORS' REPORT.

The auditors, Messrs. James and Rigg, reported as follows:

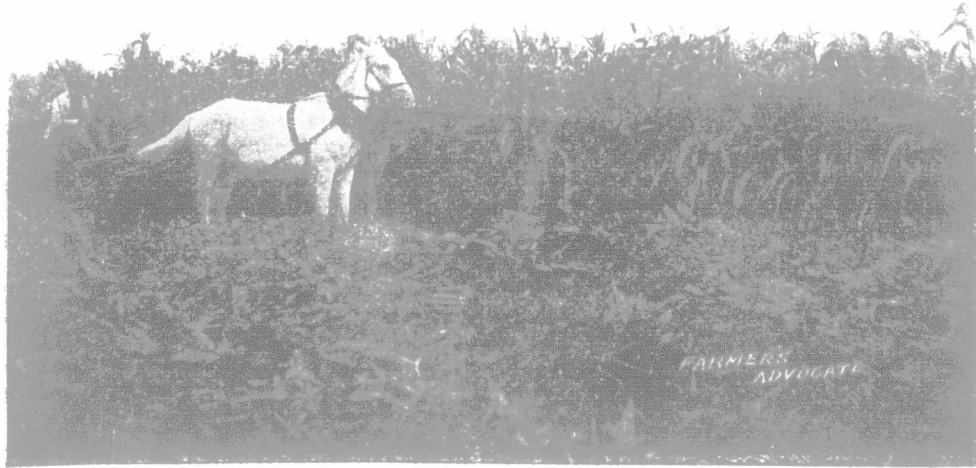
ASSETS.	
Grounds and buildings	\$25,862 98
Unexpired insurance	25 00
Property account	69 70
Sundry accounts, prize-list advertisements	52 75
Sundry accounts, estimated good	100 00
Donations promised	424 00
	\$26,534 43
LIABILITIES.	
Shareholders	\$ 1,291 00
Mechanics' Bank	4,255 12
Bills payable	5,753 00
Brandon E. D. Agricultural Society	138 99
Turf Club	1,300 00
Sundry accounts due prior, 1902	41 25
unpaid, 1902	380 93
Prizes unpaid	85 50
	\$11,991 99

### Opinion of an English Reader.

Sir,—Kindly allow me, a new subscriber, to express a few words of praise in regard to your paper. I have held my opinion in abeyance until I had studied it carefully, but I can safely say that it is the best paper of its kind I have ever seen, and every farmer and breeder should be a subscriber. It is an excellent paper, from which great benefit can be derived. "Bright, attractive and instructive"; an "ideal paper" in the true sense of the word, and well worthy of anybody's regard; the right thing in the right place; and just what is wanted. Wishing you every success, I remain, Yours,

F. HAYES.

14, Elm Lane, England, Sept. 18, 1902.



HARVESTING CORN IN MANITOBA.

Longfellow corn, nine feet high, on the farm of D. Munroe, Winnipeg. Thirty tons of fodder per acre on a thirty-acre field. Harvesting with Deering corn harvester, Sept. 10, 1902.

A Noted Galloway Sire.

The Galloway, among beef breeds, has been springing with wonderful rapidity into prominence of late, and deservedly so. The breeders of the shaggy blacks have developed a hardy beef beast of the highest quality. The following description of one of the most noted sires of the breed, Camp Follower, is from an Old Country exchange:

CAMP FOLLOWER (5012).

"With all present-day breeders of Galloways, the name of Camp Follower is familiar as a household word, but there is amongst outsiders some tendency to confuse the old bull with Camp Follower of Stepford, a prominent prizewinner of the present day, and the property of Mr. Brown. It may safely be said that no breeding sire of almost any breed of cattle, and certainly no bull of the Galloway breed, has within the last half century exercised such a potent influence or produced so many prominent prizewinners as Camp Follower (5012). A little about his history may be of interest. He was calved February, 1889, and bred by Thos. Biggar & Sons, Chapleton. His sire, Chinaman (4154), was bred by Mr. Cunningham, Tarbreoch, and was full brother to the famous cow Maggie, which afterwards won the gold medal at Windsor. Chinaman was also the sire of Mary Graham, which was sold by Messrs. Biggar as a yearling heifer in 1890 for 78 guineas, and whose descendants are a good family. The dam of Camp Follower, Caprice IV., by Corporal, is descended from a Milmark cow, Begonia, purchased at Glenlee sale, Camp Follower (5012) gained fourth prize as a yearling at Castle Douglas, and was bought then by Mr. Graham, Harelawhill, who took him out as a winning two-year-old in 1891. He was then purchased by the late James Cunningham, Tarbreoch, and used for many years in his herd with very marked success. A history of the leading show animals for the last ten years is practically a record of his descendants—either his own produce or through his sons and grandsons, many of which are on service in some of the best herds of the present day. Camp Follower was a bull of good Galloway type, somewhat lengthy in form. He had a capital head and neck, a good back, excellent quarters and back rib, but was rather deficient in fore rib. He won first prize as aged bull at the Highland Society Show in 1894, and was afterwards kept entirely for breeding purposes. His stock have been prominent at all the leading shows for many years, and include: 1st two-year-old bull and 1st yearling heifer at Aberdeen, 1894; champion Galloway, Dumfries, at Dumfries, 1895; champion Galloway, 1st yearling bull, 1st cow, 1st and 2nd yearling heifers, Perth, 1896; champion bull, champion female, 1st, 2nd and 3rd two-year-old heifers, Glasgow, 1897; champion bull, champion Galloway, 1st aged bull, 1st yearling bull, 2nd cow, 1st two-year-old heifer, 1st one-year-old heifer, Kelso, 1898; 1st and 2nd two-year-old bulls, 2nd, 3rd and 4th yearling bulls, 2nd, 3rd and 4th cows, and 1st two-year-old heifer, Edinburgh, 1899; champion bull, 1st aged bull, 2nd aged bull, 1st two-year-old bull, 1st and 2nd yearling bulls, 2nd and 4th cows, 1st, 2nd and 4th two-year-old heifers, and 2nd and 4th yearling heifers, Stirling, 1900; champion bull, 1st aged bull, 1st and 2nd two-year-old bulls, 1st and 2nd yearling bulls, 1st and 2nd cows, 1st and 2nd two-year-old heifers, 2nd yearling heifers, Inverness, 1901; 1st aged bull and champion bull, 1st and 2nd two-year-old bulls, 2nd one-year-old bull, 1st cow, 3rd yearling heifer, and champion female, at Aberdeen, 1902."

October's Opportunity.

"Thousands of 'Farmer's Advocate' readers live far from cities and towns. These and others will welcome the offer of the T. Eaton Co., Toronto, Ont., elsewhere in this issue. The splendid reputation of that immense concern is pledged to the excellence of the \$9.85 watch they offer during October only. Read their statement and act promptly.

Corn in Manitoba.

In spite of the fact that the spring of 1902 was one of the most unfavorable in many years for growing corn, especially in the eastern part of the province, some very successful crops of fodder corn have been harvested. On this page are reproduced photos taken in a 30-acre field of corn on the farm of D. Munroe, a few miles west of Winnipeg, on the south bank of the Assiniboine River. Mr. Munroe, whose chief business is to supply some of Winnipeg's citizens with milk of

the purest quality, maintains a herd of considerably over 100 head of cattle, keeping the number of milking cows in the neighborhood of 75 or 80. The farm, consisting now of some 850 acres, was when first taken possession of by Mr. Munroe, six or seven years ago, largely covered with scrub, and has required a deal of labor in bringing it under the plow. There is, of course, much work yet to be done before the proprietor will be, to his own liking, master of the situation. But he is, with the assistance of his sons, rapidly "getting there." This year they had 200 acres in feed grain, mostly spelt, with some oats and barley. Four hundred tons of hay had been put up, about 250 of it being obtained on the farm. This hay, being largely made up of what is commonly called red-top, is considered by Mr. Munroe the best lot of hay he has ever had. This farm, like all others in the old river surveys, runs four miles back from the river, and consequently requires, for economic handling, two equipments of buildings. A house and stable have been built on the "outer two miles," and a married man lives there and works the grain land, etc., the plan being to grow all feed grain and hay required by the stock, utilizing that portion furthest from the main buildings for this purpose, and devoting the inner portion of the farm to the growth of succulent crops, as corn and pasture. With this object in view, tests have been made with several grasses, with results so far in favor of bromo. This variety has done well as a hay crop, and promises great things as a pasture grass. Eleven acres have this year carried thirteen head of mature cattle throughout the season. This patch was seeded in August, 1899, pastured in 1900, yielded a good cut of hay in 1901, and, as stated, carried thirteen head of cattle this year.

But to the subject of our illustrations. For a good many years, while farming north of Neepawa, Mr. Munroe experimented with corn growing, it being a natural thing for him to do, coming as he came, originally from central New York. Results at Neepawa were so satisfactory that corn growing was immediately put into the rotation on the dairy farm on the banks of the Assiniboine. While North Dakota flint corn has proved to be from two to three weeks earlier in maturing, it is not as growthy, nor does it, in Mr. Munroe's opinion, make as good fodder as his favorite variety, Longfellow. This variety he has ripened for seed several years, but this year, owing to the excessive wet, it was impossible to get it seeded till the first week of June, and consequently when cut on Sept. 8 to 10, it was, although well cared, only in the early milk. Much of it stood 9 feet high and should easily average over the 30 acres of crop, 30 tons fodder per acre. Nearly all of this land had been heavily manured. It is hardly possible to get too much manure on this heavy clay land for corn, and part of it was newly-broken scrub land; that is, land broken late in the season of 1901, broken 6 to 8 inches deep, with a 20-inch scrub plow, requiring eight horses to draw it. After working the seed-bed as fine as possible, the corn was, as above stated, sown the first week of June, sown with ordinary shoe drill in rows three feet apart. One piece was sown at the usual rate of half bushel per acre, while another portion of the field was sown at the

rate of one bushel per acre. The latter gave a somewhat heavier yield, fully as early, but with fewer stools or suckers; was, in Mr. Munroe's opinion, the most satisfactory thickness for seeding. Frequent shallow cultivation was given throughout the growing season, a two-horse Rock Island cultivator being used. Note that the cultivation given was shallow, not deep between the rows, the object being to keep down weeds and maintain a soil mulch to check evaporation of soil moisture, and at the same time not interfere with the shallow, wide-reaching roots of the corn plant, as would be the case were the land cultivated deeply. The cutting was done on Sept. 8 to 10, before it had been touched with frost, with a Deering corn harvester, which cuts one row at a time, binding it into fair-sized sheaves, using ordinary binding twine. Two horses banded the harvester, which made a pretty clean job, although cutting higher than might be, the corn stalks being fleshy and good feed right to the roots. The corn was then put up in large stooks, tied around the middle with stalks, and was then to be left for a week or so before being cut into a stave silo, which was being erected convenient to the stable.

Keeping Baby Fat on Colts.

To the Editor "Farmer's Advocate":

There is, perhaps, more truth than we sometimes think in the horseman's old axiom, "Keep the mill-fat on the colt and we shall always have a fat horse." A sound scientific principle underlies that doctrine.

During the growing period of the colt's life its increase in weight is composed chiefly of bone and muscle (lean meat), and it is this muscle and not fat that gives the young fellow his buxom appearance. Later in life the increase in weight is composed almost wholly of fat. So, in order to have a horse in good condition (well muscled), we should aim to keep him well fleshed while growing. Colts that are allowed to become thin during winter and are made up in summer on grass invariably turn out soft, and hard to keep, simply because much of their muscle has been used in place of food to produce heat and energy, and the fat afterwards laid on is not suitable for the production of road or draft work. It is important, therefore, after weaning in the fall, when the pasture is short, to feed the colts liberally. Give them plenty of water, feed considerable ground oats, exercise freely and use every effort to increase their size and maintain them in high flesh. The same principle applies to all growing animals. Therefore feed young stock liberally and so produce the maximum amount of muscle, the most valuable of animal commodities. F. S. J.

Let the Embargo Alone.

Should the British Government remove the embargo placed on Canadian cattle, it would be the worst blow the live-stock industry of Canada could receive. Doubtless it would benefit a few who at this time of year would have some cattle to sell which had not done well on pasture; but far better feed them here and enrich this country. The trade for our cattle in Great Britain had been as bad and even worse before the embargo was placed on them than it has been any time since, with the exception of one year, viz., 1896. Too many "short-keep steers"—in other words, cattle which should have been kept a while longer and finished—were shipped this year, partly on account of the high price of grain feed. Feeders were well paid this year; prices were higher than at any time since '82. In June of that year, Montreal butchers paid me 81¢ per pound, live weight, for ordinary cattle. During the spring of '81, I paid 7¢ per pound for several lots of cattle. They netted me about 5¢ from the British markets. Ocean freights were higher then than of late years, and cattle are shipped much cheaper now. Respectively yours, DENIS O'LEARY.

Western Cattle Market, Toronto, Ont., Sept. 29th, '02.



CORN-GROWING IN MANITOBA.

Corn in stook on the farm of D. Munroe, three miles west of Winnipeg, on the south side of the Assiniboine.

### The Grain Growers to Have Representative at Winnipeg.

The following circular has been issued by the executive of the Territorial Grain Growers' Association, W. R. Motherwell, George Brown (M. L. A.), Matthew Snow, P. Dayman, and Secretary John Millar:

"In view of the probability of another grain blockade this season, similar to that of last, the executive of the T. G. G. A. deem it advisable to take immediate steps to meet the emergency in the most effective manner possible.

"All Sub. Associations are requested to meet as early as possible, thoroughly discuss the matter referred to above, and forward to the undersigned secretary of the Central Association any suggestions they may feel disposed to make, together with their opinion of the advisability of the Central Association taking the following steps:

"1. Appointing a capable farmer to reside at Winnipeg during the rush of grain shipping, whose sole duty will be to look after the interests of the grain growers regarding the distribution of cars, the fair interpretation and enforcement of the Grain Act, and many other questions that only a man resident in Winnipeg could attend to.

"2. Asking the Dominion Government, with the view of preventing as far as possible an annual crisis and tie-up in the marketing and transportation of our grain, to build a sufficient number of terminal and interior Government elevators to meet the rapidly growing requirements of the West.

"To carry out the first step would require more funds than the Association has at its disposal. Now, will your Sub. Association, in the event of such an appointment being made, be willing to bear its share of the expense, which would amount to one dollar per member? Every dollar will be judiciously expended in the interests of grain growers, and we believe will pay a hundredfold.

"Under present congested conditions, farmers are rapidly becoming more familiar with the great advantages of track selling, but inexperience and lack of opportunity in shipping out wheat induce many to continue street selling at prices quite frequently shamefully below its value. In order to overcome this difficulty we would recommend each Sub. Association to appoint some reliable resident party at each individual shipping point to do the clerical work in connection with wheat shipment for those who have had no previous experience in the matter. In making this suggestion, it is not anticipated that any such party performing such clerical work would assume any responsibility whatever, but merely perform the office work for the convenience of the shipper.

"Permit us further to call your attention to the fact that the Grain Act as amended requires applications for loading platforms to be in before the 15th day of October."

### Bees in Manitoba.

#### THE CELLAR.

In preparing the bee cellar for winter, several essential things should be observed. It should be so constructed as to be unaffected by the changes of temperature taking place outside. A temperature as nearly even as possible and eight to twelve degrees above freezing is most desirable. Bees will winter in a lower temperature, but men of experience generally quote this as being about right. Then it should have sufficient ventilation. This is most important. Much has been written about the danger of dampness in the cellar, but the consensus of opinion among beekeepers seems to be that with the temperature right and a free circulation of air, dampness is not a source of danger at all. Indeed, a certain degree of moisture is claimed to be necessary to the bees, and men whose experience entitles their opinions to the greatest respect take measures to supply this moisture when it is not naturally present.

In placing the bees in the cellar certain precautions should be observed. Never set the hives on the floor nor against the wall, especially if the latter be of stone, and if the hives are placed on shelves, don't let these be in any way connected with the floor above, if under a dwelling house, as the constant jarring from above would disturb the bees, and danger would be the result. The best plan is to provide a shelf sixteen inches high, on which to set the first row of hives. If the bees need any more space, running from front to back, in the case of the back row with hives, it is better to have a second row of hives than the front. This is a safe arrangement, and it is easy for the bees to get over a distance of six feet, if done, however, with care. The hives should be lined with frames hung over the entrance, and covered with propolis cloth, and the entrance should be two or three small slits, not more than one inch thick. These should be placed so that the bees' ends will not touch the sides of the cellar, and are only to raise the covering, and not to touch the combs so that the bees may pass from one hive to another. Over these lay a wood board, one or more folds, and large enough to leave a way

little on all sides. This is all the cover required. When one row is complete, lay across each hive (over the cloth) two slats of inch board a little longer than the hive is wide, and on these place the next row of hives.

A diagram of the apiary should be made, and the position of each hive numbered. The corresponding number should be placed on the hives, so that each may be returned to its own place in the spring. This is desirable, as it not only prevents the bees mixing and losing their own hives when first set out, but it enables the beekeeper to go on then with all the knowledge of the several colonies that the past season's experience has given him.

It is well worth the trouble, too, to weigh every hive in and weigh them out again in the spring. By doing this and placing the full weight on each one knows the condition of his hives without opening them when taking them out—a thing not always practicable in the spring.

Red River Valley. J. J. GUNN.

### An Agricultural Course at Wesley College, Winnipeg.

An attempt is being made by the faculty of Wesley College, Winnipeg, to meet, in some degree at least, the demand that exists in Manitoba for higher education in agriculture. The Local Government has done nothing more, as yet, than appoint a commission to report on the advisability of an agricultural college, and that commission has not yet reported. That there is a demand for some kind of agricultural training on the part of the young men of the farms, not only of the Province, but of the Territories, there can be no doubt.

Our farmers are now getting into a position that enables them to give their boys a liberal education, and the boys are wide-awake enough to appreciate the benefits, but that education, to be satisfactory, must be a practical agricultural education, otherwise the young men will be educated away from the farm. There being no immediate prospect of our getting a provincial school of agriculture, many young men will take advantage of the courses given by the business colleges, and this course which the Wesley College has prepared will doubtless receive good patronage.

The course, as outlined, embraces a good general English training, such as would benefit anyone, whether farmer or not, while that portion especially planned for farmers may be made useful as far as it goes.

#### THE COURSE.

1. A course of three lectures a week on arithmetic, treating it under such topics as interest, discount, present worth, as well as the measurement of areas, surfaces, masses and other useful parts of mensuration.
2. A course of five lectures a week in English grammar, composition, and letter writing. Especial attention will be given to the application of the rules of grammar. An important part of this course will be the writing of exercises under the personal supervision and criticism of the teacher. The aim will be to secure correctness and neatness in form, as well as accuracy and ease in expansion.
3. A course of two lectures a week on English literature. The effort here will be to bring the students into touch with some standard English author and thus create a taste for good literature and an appreciation of the excellencies of the best writers.
4. A course of twice a week on mechanics. This will consist of a treatment of the forces and appliances constantly employed by the farmer. A few of the fundamental principles of steam and electricity will be dealt with.
5. A course of two lectures a week in practical bookkeeping. This subject will be treated from the farmer's standpoint. The aim will be to enable him to keep a systematic account of all his transactions, and to know what part of his operations is paying and what is not.
6. A course of five lectures a week covering such important subjects as: (a) Commercial law; (b) The principles of political economy; (c) Commercial geography; (d) The constitution of the Dominion of Canada. Number (a) will include instruction in contracts, notes, agreements, mortgages, etc.; (b) will deal with such matters as rents, wages, interest, money, and the causes of their fluctuation; (c) will discuss the products of various countries and the laws which determine the movements of trade; (d) will give an outline of our constitution, showing the powers of the Federal Government and its relation to the Provinces.

#### THE AGRICULTURAL COURSE.

7. A course of one lecture on some phases of practical farming, by a practical farmer.
8. A course of ten lectures on body and stock raising. The various excellencies of the different grades will be set forth by one thoroughly conversant with the important industries.
9. A course of five lectures on grain and crop raising, by a successful farmer.
10. A course of five lectures on the various branches of agriculture. The various excellencies of the different grades will be set forth by one thoroughly conversant with the important industries.
11. A course of five lectures on the various branches of agriculture. The various excellencies of the different grades will be set forth by one thoroughly conversant with the important industries.

scribe the buildings which experience has shown to be best adapted for the farm.

The fee will be \$20.00 for the whole course of lectures. Board can be obtained in the city for about \$3.50 per week. The estimated amount of all the items of expense (including travelling, board and tuition) connected with the taking of the course is \$100.

### In the Moose Jaw Wheat District.

North-east of Moose Jaw, some three or four miles, Lindsay & Burnell own 960 acres of land. This farm is managed by Wm. Mayne, and had 340 acres under grain crop this year, mostly wheat. The system followed is summer-fallow every third year. When stubble land is to be sown, where the stubble cannot be burnt the seed drill is run first, followed by the disk. This gives good satisfaction. In some cases when the ground is moist and the stubble very heavy the shoes are taken off, one team then running a four-horse drill, seeding broadcast, the disk following, covering the seed. This plan was used in many places last spring with satisfactory results, but, of course, the wet spring favored that kind of work. Sometimes the stubble is raked and burnt. In fact, many plans are tried, as different soil and weather conditions require different methods. For horse feed, prairie hay and green oat sheaves are used. About sixty horses are kept.

A little further east is the home of Mr. J. M. McFarlane, Clydesdale breeder. At the head of the stud is Fortune Finder, a massive fellow, tightly coupled, and smooth, well-filled quarters. Also a choice lot of pure-bred mares and several colts.

North of this again is the farm of Mr. Might, which contains 14,000 acres, 800 under cultivation and 200 in summer-fallow. The fallow is plowed once, then frequently surface cultivated. About forty-five horses are kept, quite a few colts raised, and a few teams sold yearly. Mr. Might's granary is 46 by 50 feet, and holds about 12,000 bushels.

A few miles north-west Mr. J. W. Smith has 2,685 acres; 650 of it under grain and 350 in summer-fallow. His fallow is worked similar to Mr. Might's, and his stubble land sown as previously described. Mr. Smith has two threshing outfits and a cable steam plow run by two 44-horse-power engines. There are two plows, each carrying six 14-inch bottoms, turning 6 ft. 8 in.; speed about 2½ miles per hour. This plow has breaking attachments, and is made by the Fowler Steam Plow Co., Leeds, Eng. Mr. Smith says it is giving him good satisfaction.

Greendale Stock Farm, about six miles west of Moose Jaw, is owned by F. W. Green, and contains 1,440 acres, all well fenced. Three hundred and twenty acres of this is under crop and 200 acres in summer-fallow. About 75 head of cattle are kept, 50 of them pure-bred Shorthorns; 25 work horses, two threshing machines, and a 30-horse-power J. I. Case traction engine, which is also used for plowing, four Rock Island disk plows being attached, which will disk eleven feet at each lap. In connection with this outfit Mr. Green has constructed, out of two wagon wheels and some boards, a handy coal truck. This also holds a small water tank, which makes it very convenient, as it is attached to the engine. The whole outfit travelling at the rate of about two miles per hour, including stops. The portable granaries which Mr. Green uses each hold 1,200 bushels. They are made on skids and when empty moved at pleasure with the engine. There is a good iron-sheeted horse stable on this farm, and an implement shed 32 by 50 ft., which holds threshing machines, binders, drills, etc. This is an addition which most farms have not got, something seldom seen, yet much needed. Machinery well protected will wear more than twice as long. The money yearly lost through lack of protection of this kind would soon build sheds capable of holding all necessary implements on the average farm.

### Our Premiums.

The reader's attention is directed to the splendid list of premiums announced on pages 733 and 734, of this issue, given to our subscribers for sending us new subscriptions to the "Farmer's Advocate." Among the noteworthy are the Farmer's Knife, "The Big Four" Pictures, Curb-link Bracelet, Microscopes, Watches, Books for the farmer's library, and the celebrated Bagster's Teacher's Bible. In consequence of the recent increase in postal rates, that on books being doubled, we are now unable to offer this Bible for two new subscribers, as formerly. Hereafter three new subscribers must be secured. The small effort required to obtain these for so good and popular a paper as the "Farmer's Advocate" makes it still a "bargain," for such Bibles cannot be purchased anywhere for less than \$3.00 cash. Notice also the changes made in number of new subscriptions required to obtain books offered for farm library. Look up the Premium announcement, and begin to canvass at once. You may offer the balance of this year and all of 1903 for \$1.00.

### The London Exhibition.

Ontario's Western Fair, held at London, Sept. 12th to 20th, was this year more than usually successful. Being favored with good weather and there being no other large fair held in the Province in the same week, the attendance of visitors was much greater than in the previous year, and there was a larger entry of live stock than usual in nearly all classes. Single judges officiated in all live-stock classes.

#### HORSES.

The horse barns at the Western Fair grounds were again pretty well filled this year. A good deal of the space, however, was occupied by members of the racing fraternity, most of which were unfit for and unknown to the show-ring. While in many sections pretty fair entries were made, with the standard of excellence equal or superior to the exhibits of other shows, had it not been for two or three enterprising breeders and importers, the competition in some cases would not have amounted to much.

CLYDESDALES were by far the most numerous of any breed, no less than five imported horses, lately landed from Great Britain, competing for honors in the section for mature stallions. Black Rod, by Baron's Pride, owned by O. Sorby, Guelph, was successful in landing first and afterwards sweepstakes for best stallion any age. Pride of Morning, of the same importation, and by the same sire, won second for Sorby, and Imp. Cannongate, shown by Bawden & McDonnell, Exeter, was third. The champion mare, Montrave Geisha, recently imported, a mare of excellent type and quality, was also found in Mr. Sorby's exhibit.

SHIRES were pretty much the same as shown at Toronto, except that neither the male nor female champion at that exhibition was present. It was, hence, an easy task for Morris & Wellington's black colt, Imp. General Favorite, to capture the highest honors among stallions. The best mare was likewise found in the Ponthill string, Rose, a close competitor for the same honor at the Industrial, being the favorite. In heavy drafts, there were a fair number of entries, among which were specimens of commendable quality. Jas. Malcolm, Lakeside, showed the champion stallion, a two-year-old; while a three-year-old for W. Fleming, London, won the same distinction among females.

HACKNEYS were scarcely so numerous as at Toronto, but a few choice animals were on exhibition. Bawden & McDonnell's Connaught's Heir was again awarded the championship, while the prize for best female went to A. St. Clair, Aylmer. Carriage and coach sections were about equal in quality and number to former years, but not good enough, generally, for such a big show. Imp. Clerkenwell, Bawden & McDonnell's Industrial winner, went away with the highest honors among stallions and a mare owned by W. C. Brown, Meadowvale, was declared the champion female. The roadsters were not a particularly interesting lot, although animals of some merit were to be found in the different rings. As a rule, however, the competition was not keen. Colon McKeigan, Strathroy, got the sweepstakes on stallion, and J. A. Kelly, Listowel, the highest premium for mares with his famous Jessie McLaughlin. In Thoroughbreds, some sections were without any entries, while in others there was a fair number. The prize for best stallion went to a three-year-old owned by W. J. Thompson, Hamilton, and for mares, to Jno. Coventry, Woodstock.

Quite a number of good heavy horses were shown in harness. Three grand pairs of Clydes gave the judge no easy task to decide. The Toronto champions, now owned by T. A. Cox, Brantford, finally got the premium ribbon, their closest competitor being Sorby's Montrave Geisha with her mate.

#### CATTLE.

All the breeds on the list, except Guernseys, were well represented by creditable entries, and competition was keen in nearly all classes.

SHORTHORNS were shown by Jas. A. Crerar, Shakespeare; T. E. Robson, Ilderton; Geo. D. Fletcher, Binkham; Goodfellow Bros., Macville; T. Douglas & Sons, Strathroy; with a few scattering entries by others. Thos. Russell, Exeter, judged the class satisfactorily. Crerar had the best of it in the older sections, winning first honors in aged bulls with Imp. Capt. Mayfly, first in aged cows with Gem of Ballechin (imp.), first in two-year-old heifers with Gem of Ballechin 2nd, who was the sweepstakes female, and first for herd. Goodfellow Bros. were second in both aged and young herds, and had the sweepstakes bull in their first-prize yearling, Shining Light. They were also first in three-year-old cows with Imp. Water Cress; first in yearling heifers, the strongest section in the class, with Water Lily (imp. in dam), though closely pressed by Capt. Robson with Topsman's Queen, daughter of old Topsman, which was first at Toronto in senior yearling section. Here all yearlings showed together. Capt. Robson had the first-prize young herd, headed by his first-prize bull calf, Prairie Prince, by Imp. Prime Minister, which was first at

Toronto in the junior section, but here competed against all under a year. The Captain had also the first and second prize heifer calves, and first-prize two-year-old bull in Vanguard, a capital son of Imp. Knuckle Duster. He had also the second yearling bull in Bonnie Lad, by the same sire. For four calves the get of one sire, Douglas & Sons, Strathroy, won with the progeny of their Imp. Diamond Jubilee, and Fletcher was second with the get of his Spicy Robin.

HEREFORDS were well represented by the herds of H. D. Smith, Compton, Que., and W. H. Hunter, The Maples, Ont. With Mr. A. W. Smith, Maple Lodge, the well-known Shorthorn breeder, as judge, the animals were placed in the order of merit on the principle that the best should win, and the Compton herd got its just dues, the Toronto rating being reversed in the sections for sweepstakes female and the first herd prize. Ingleside Chatterbox, the first-prize two-year-old heifer, daughter of the Pan-American champion and of Imp. Chatterbox, is a model of the breed and worthily won the female championship. To the Compton herd also went the male championship, Prince of Ingleside 2nd, the first-prize three-year-old bull, being accorded that honor, a decision we could not quite endorse, as Mr. Hunter's two-year-old bull, Spartacus, is, in our opinion, more nearly of the approved modern type, and is smooth, level and strong in all points and a good handler, while the three-year-old bull, though showing much substance and quality, is lacking in his crops and in character. With this exception, the rating of the class was beyond reasonable criticism.

ABERDEEN-ANGUS cattle were shown by Walter Hall, Washington; Jas. Bowman, Guelph; W. R. Stewart, Lucasville, and T. W. Phillips, Oakville, whose first-prize three-year-old bull was the sweepstakes winner. Hall had the first and second prize cows, the first three-year-old and two-year-old heifers, the sweepstakes female, and the first herd prize. Bowman had the first and second prize yearling heifers, heifer calves and bull calves.

GALLOWAYS were forward from the herds of D. McCrae, Guelph, and Shaw & Marston, Brantford, who had the first-prize yearling bull and three-year-old cow, and McCrae the balance of the first prizes, the sweepstakes bull in Cedric 4th, the sweepstakes female in the two-year-old heifer, Nellie 12th, and the herd prize.

AYRSHIRES were well represented by the herds of W. W. Ogilvie, Lachine Rapids, Que., who won nine out of thirteen first prizes offered: Wm. Stewart & Son, Menie; N. Dymont, Clappison, and R. H. Henderson, Rockton, who had the first-prize bull calf, a right good one bred by Jas. McCormack & Son, Rockton, sired by Glenore Sultan, dam by Jock Morton. Ogilvie had the sweepstakes bull in Douglasdale, who was again first in aged bull section, with Black Prince second, and Stewart's Hover-a-Blink third, a reverse of the Toronto rating. Stewart had the first-prize two-year-old bull in the excellent Lord Roberts, by Glencairn of Burnside, dam Jean Armour. Dymont was first in yearling bulls with Dairyman of Glenora, bred by Ogilvie, and sired by Comrade of Garlaff. Ogilvie won first and second in cows with Minnie of Lessnessock and Violet of Garlaff (imp.); Stewart third with Lady Ottawa. Ogilvie was first in three-year-old cows with Stately 9th, and also first and second in yearling heifers, another reverse of the Toronto judging, Stewart's first-prize heifer at Toronto being placed third here. Dymont had the first two-year-old heifer in Jubilee of Hickory Hill. Ogilvie had the first-prize herd and the sweepstakes female in Minnie of Lessnessock.

Geo. McCormack, Rockton, judged the class.

JERSEYS were well shown by B. H. Bull & Son, Brampton; W. G. Laidlaw, Wilton Grove; J. G. Hamner, Mt. Vernon; Edmonson & Son, London. The herd prize sweepstakes for bull on the first-prize aged bull, Belvoir King, and for female on Sunbeam of Brampton, the first-prize cow, went to the Brampton herd, as well as the first for four calves bred by exhibitor, and seven other first prizes.

Laidlaw had the first-prize three-year-old cow in the beautiful Cream Cup Pride, the second-prize cow in Vic's Lady Pegis of St. Lambert, and the second-prize three-year-old bull in his superior St. Lambert bull, King of Beechlands, a grandson of the great Adelaide of St. Lambert.

Hamner was first in yearling bulls with his splendid Stoke Pogis 5th.

H. C. Clarridge, Norval, was the judge.

HOLSTEINS were out from the herds of Rettie Bros., Norwich; G. W. Clemons, St. George, and Cameron, of Westwood, who was placed second for aged cows, yearling heifer, and two-year-old bull. Rettie Bros. had the first-prize cow and sweepstakes female in Highland Cornelia, and the first-prize herd. Clemons was first in yearling bulls, yearling heifers and heifer calves, and had the sweepstakes bull in his first-prize yearling, Count of Maple Hill, and first for four calves.

#### SHEEP.

There was competition in all the breeds of sheep on the list except in Lincolns, where the

fine flock of J. T. Gibson, Denfield, had a walk-over, as it had at Toronto.

Leicesters were shown by J. M. Gardhouse, Highfield, and John Kelly, Shakespeare, the awards being made by H. B. Jeffs, Bondhead. The Highfield flock won all first prizes, including flock and sweepstakes, except for lambs, which went to Kelly's entries.

Cotswolds were shown by J. Park, Burgessville, and J. C. Ross, Jarvis, and with W. G. Laidlaw, Wilton Grove, as judge, the Toronto awards in most cases were reversed, Ross securing nine first prizes at London, including flock and sweepstakes, while at Toronto he had but three firsts.

Shropshires were well represented by the flocks of John Campbell, Woodville, and D. G. & J. G. Hamner, Mt. Vernon, and the prizes were well divided, W. H. Beattie and Geo. Hindmarch being the judges. Hamner's were first in aged ram, aged ewe, shearing ewe, and flock, Campbell being first for yearling ram, yearling ewe and ewe lamb and sweepstakes for ram. Telfer Bros., Paris, had first for ram lamb.

Dorsets were well shown by J. A. McGillivray, Uxbridge, and R. H. Harding, Thorndale, the former receiving the majority of first prizes, including that for flock, sweepstakes for ewe, and specials for five yearling rams and four lambs. Harding was first for ram lamb and sweepstakes for ram with his imported ram lamb.

Southdowns from the splendid flock of Mr. F. E. Came, St. Andrews, N. B., in charge of the English shepherd, Sam Bradburn, won here as at Toronto, all the first prizes in the regular list. Telfer Bros. had the first for pen of four lambs bred by exhibitor.

Oxford Downs were shown by R. J. Hine, Dutton, and J. H. Jull, Burford, the former winning eight firsts and three seconds, and the latter three of each.

#### SWINE.

In Berkshires, Wm. Wilson, Snelgrove; T. A. Cox, Brantford; W. H. Durham, Toronto, and Jas. McEwen, Kertch, were exhibitors. All made excellent exhibits, the first awards being about evenly divided between Wilson and Cox. Wilson was first and second in aged boars, Durham's Toronto winner being relegated to third place. The rating of yearling boars was also reversed, Cox taking first place here. Wilson was first for boars and for sows under a year, and also for same under six months. Cox was first for aged sow and yearling sow, and for herd of a boar and two sows. Wilson had all but one of the seconds.

In Yorkshires, D. C. Flatt, Millgrove, won all the firsts except for aged boar and boar under six months, and all the seconds but one. H. J. Davis, Woodstock, had first for aged boar, and Featherston & Son first for boar under six months.

Tamworths.—In this breed Douglas & Son, Mitchell, won the largest share of first awards in a good class, including the herd prize, being especially strong in the younger sections. F. R. Shore & Son, White Oak, were first for aged boar and yearling boar. H. C. Begg, Glanworth, was first for boar under six months. Douglas had all the firsts in the sections for sows.

Chester Whites were well shown by W. E. Wright, Glanworth, and R. H. Harding, Thorndale, the former winning all firsts except for aged sow, which went to Harding.

Duroc-Jerseys were shown by Tape Bros., Bentpath, and W. M. Smith, Fairfield Plains, the former winning all but two of the first awards, which went to Smith for aged sow and for sow under a year.

## 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.

#### CEREBRAL APOPLEXY IN YOUNG PIGS.

I weaned a litter of eleven pigs at eight weeks old. They soon took sick with something like blind staggers. They got blind, would walk backwards around the pen and fall down. B.S.

Ans.—Your pigs had cerebral apoplexy (a congestion of the vessels of the brain), probably due to too high feeding and want of green food and exercise after weaning. In order to prevent further trouble give each about 1 oz. raw linseed oil, feed lightly on bran and green food or roots, and give plenty of exercise. If any more show acute symptoms, bleed by cutting the tail off or slitting an ear, and pour cold water upon the head.

**ACUTE ECZEMA IN COLT.**

A two-year-old colt, with white ankles, grazing on alsike clover, became swollen in the legs and the skin commenced coming off as far up as the white extended. This occurred about two weeks ago. I have washed and poulticed the legs and applied a liniment, but its condition is not improving.

D. M. W.

Ans.—Your colt has eczema. Put him in a nice dry box stall. Give a purgative of five drs. Barbadoes aloes and two drs. ginger. Feed nothing but a little bran until the physic commences to act. Then feed lightly on hay and bran. Do not wash the legs. Apply an ointment made of sulphate of bismuth 4 drs., vaseline 2 ozs. Apply twice daily. As soon as the bowels regain their normal condition after the purgative, give 3 drs. hyposulphate of soda three times daily.

**Miscellaneous.****VALUE OF BUTTERMILK FOR YOUNG PIGS.**

I would like to know whether it would pay to buy buttermilk (pure) at a creamery and draw it 1½ miles, and feed it to young hogs three months old, to be fed, of course, with barley and oat chop mixed in equal proportions, and pay at the rate of 25 cents per barrel for it? Do you think that a fair price for it? R. J. L. Grenfell.

Ans.—Yes. The investment would be profitable. Buttermilk as drink and food for growing pigs is equal to skim milk, since it furnishes, in about the proper ratio, all the bone and muscle-building elements. This, combined with food containing substances for fat and heat production, such as chop wheat, barley and oats, will yield the most profitable returns. Care should be exercised in the administration of the food, and experiments demonstrate the returns to be the highest when a ration is fed of about four pounds of milk to our pound of meal. Buttermilk and barley or oats, fed in the above proportion, yield an average gain of one pound for every three pounds of barley and thirteen pounds of milk consumed. Fixing the price of buttermilk at 25 cents per barrel of 250 pounds and the barley at 48 cents per bushel, the cost of one pound of gain would be 43-10 cents. This, with a selling price for pork of 7 cents, would give 27-10 cents profit for every pound of gain in weight. With a liberal pasture run, where grass and water could be had in abundance, the cost per pound of increase would be reduced.

The above figures are based on the supposition that all feed has to be bought, but when the food is produced on the farm the cost of one pound of increase would be reduced one half. The expense of hauling the buttermilk 1½ miles would add but little to the feeding cost. The price is reasonable. W. A. WILSON.

Dairy Supt., Assa.

**RABBITS WANTED.**

Would you give me the address of any person who sells rabbits. F. R. Griswold.

Our advertising columns are open to rabbit breeders. Our young people are now wanting pets.

**Chicago Markets.**

Chicago, Oct. 5.—Cattle—Receipts, 25,000, including 10,000 Westerns; choice steady, others dull. Cows, Good to prime steers, \$7.25 to \$8.50; poor to medium, \$3.75 to \$6.75; stockers and feeders, \$2.25 to \$4.00. Hogs—Receipts, 20,000; mixed and butchers', \$7.25 to \$7.85; good to choice heavy, \$7.50 to \$7.90; rough heavy, \$6.70 to \$7.10; light, \$7.25 to \$7.65; bulk of sales, \$7.30 to \$7.55. Sheep—Receipts, 40,000; sheep dull, weak; lambs dull and weak; good to choice wethers, \$3.25 to \$3.75; fair to choice mixed, \$2.25 to \$3.10; native lambs, \$3.50 to \$5.10.

**British Cattle Market.**

London, Oct. 5.—(Special)—Canadian cattle are unchanged at 11s. to 13s. per lb. (dressed weight); refrigerator beef is 11s. to 12s. per lb.

**Montreal Market.**

Montreal, Oct. 5.—About 700 head of cattle, mostly from the States, were offered for sale at the market. There was a fair enquiry for the best quality of beef, and the market sold at about 10s. to 12s. per lb. Receipts of hogs at 3s. to 4s. per lb. Receipts of sheep at 3s. to 4s. per lb.

**Death of Rev. W. F. Clarke.**

We regret to announce the death of Rev. W. F. Clarke, the well-known writer, at Guelph, Ont. Decem. 18, 1886. He was a member of the Commission which led to the founding of the Ontario Agricultural College.



"The under side of every cloud  
Is bright and shining,  
And so I turn my clouds about  
And always wear them inside out,  
To show the lining."

**At Evenfall.**

Soft creep the shadows along the hill;  
The loud wheel stops and the world is still.  
And glad as a child at its mother's call  
Is the home-bound heart at evenfall.  
At evenfall is rest!

The day brings labor, and strife, and pain;  
Heavy the burden and sore the strain.  
But the home-bound heart forgets it all  
In the peace that comes at evenfall.  
At evenfall is rest!

Fresh as a flower that lifts its head,  
By the dews of twilight comforted;  
Light as a bird let loose from thrall,  
Is the home-bound heart at evenfall.  
At evenfall is rest!

—Good Housekeeping.

**Girls on the Farm.**

To the Editor "Farmer's Advocate":

I was interested, and I must say rather amused, when I read the letter from "Dame Sandhurst" in September number of the "Advocate." She appears rather in despair over the girls in her community, which is, I presume, in some part of Ontario. I live in Manitoba, where, it seems to me, the girls must be more "go ahead" than the ones she speaks of. As a rule, they are fairly well educated, and have a strong ambition to improve themselves, though I have met girls who would answer very well to "Dame Sandhurst's" description. It seems to me that the fault of it all lies with the parents, or at least to a very great extent. If they would teach their daughters to take their proper share in the household duties, such as the baking, knitting, mending, embroidering, etc., and to take a pride and interest therein, they would be more contented and find home a far more attractive place. But if the mother always takes it upon herself to do everything for her children, then it is not their fault if they do not know how, and it only helps to make girls selfish and discontented and always too ready to seek their pleasures elsewhere; for if they have no interest in their own home, they can have no pleasure. If girls have no chance of learning to sing, play, or paint, etc., there are other accomplishments which they might cultivate with advantage. What is more delightful than someone to read aloud, while the others work, through the long winter evenings? And the boys like to hear a good story well read, when they come in after the "chores" are done. Surely any girl can become a good reader with lots of practice. It is an invaluable accomplishment where people have been ill and do not feel like reading to themselves; and the reading of books by good authors is an education in itself. Where girls are so lucky as to live near a town with a good circulating library, they should have no difficulty in reading all the newest books and so keeping well up with the times. A girl who does that, and reads the news in the papers not all the rash will never be at a loss for subjects on which to talk. Games are certainly invaluable for young people, both girls and boys. It never does a girl any harm to go and have a good game of cricket with her brothers, or baseball or football, and any one with anything like a decent piece of ground can have croquet, or even tennis. A girl never shows to better advantage than when playing games gracefully and well. Surely some of the "farmer girls" "Dame Sandhurst" speaks of must be able to ride on horseback, and what is more delightful than to be a good horsewoman! And what exercise is more thoroughly enjoyable even if it's only going to fetch the cows home at milking time! The children in these schools, I notice, are wonderfully observant, and there is little they can not tell you of the ordinary prairie flowers, and trees, or the many sights and sounds going on around them every day.

"Dame Sandhurst" speaks of the girls as anxiously looking out for "Prince Charming." That, I think, sounds a little odd on the girls. Surely "Dame" is a little severe! I think that is about the worst fault that can be laid to a girl's charge. I feel very sorry for the girl who is to use a very expressive if not elegant bit of slang a "chaser." But that must come from the parents' fault, for if a girl is brought up to be a good girl, she will not wait for "Prince Charming" to look her up, and go "chasing" her. She will be a good girl with and without him. They should be taught to be good and to be true to their own selves to the end of the chapter. "AUSCHIE."

**THE QUIET HOUR.****Helping Somewhere.**

Thank God for the willing hands  
That are honest, and brave, and true,  
That lie not folded, but labor hard  
To do what there is to do.  
Rich gems of the world are they,  
Where fancy is drowned in fact,  
Where time is a thing in reality  
And to live is to think and act.

Thank God for the willing hands  
That pull at the load of care;  
That lend themselves to a weaker friend,  
And are eager everywhere;  
Whose touch is a touch of gold,  
That kindles not one regret,  
Whose duty it is to toil along  
And never a thing forget.

When somebody said to the child of a village doctor, "Do you know where your father is?" he answered, "I don't know, but he's helping somewhere." What a revelation of character is contained in those few words, Surely one of whom such words could be truly said, was trying to copy Him who went about doing good.

I have lately been studying the life of that wonderful missionary, St. Paul; and one little incident in his history struck me as very characteristic—showing his love of "helping." When those weary, shipwrecked men crowded round the welcome fire, kindled by the friendly islanders, it was not the hardy soldiers or sailors who gathered sticks to increase the blaze. No, it was the prisoner, who forgot his own drenched and exhausted condition, true to his instinct of helping whenever possible.

We all know people who can be depended on to "work their passage," as it is called. When they go to a picnic they do not sit down and expect everybody to wait on them, finding fault if everything is not perfectly managed, but like the great Apostle, they gather sticks for the fire, and do other little jobs their hands can find to do. No one need feel that his time is wasted if it is spent in doing good, and we can all help somewhere.

"Despise not thou small things;  
The soul that longs for wings  
To soar to some great height of sacrifice, too oft  
Forgets the daily round,  
Where the little cares abound,  
And shakes off little duties while she looks aloft."

But there is another kind of helping which is, even in our eyes, a grand and glorious thing. We are all called to come to the help of the Lord. To refuse this command is to be disloyal and rebellious to our King, who has a right to call His subjects to fight for him. "Curse ye Meroz, said the angel of the Lord; curse ye bitterly the inhabitants thereof; because they came not to the help of the Lord, to the help of the Lord against the mighty." God does not need our help, He can win the battle without us, but He allows us to help Him; and it is, or should be, a joyful privilege to be "laborers together with God." People are very apt to shirk this duty of active Christian work. They think, or try to think, that only those who are set apart as the ministers of God are bound to be missionaries. But every true Christian must try to pass on to others the light he has received. If you are making no effort to do this, if you are refusing to come "to the help of the Lord against the mighty," then do not let another day pass without some real missionary work. Prayer for the spiritual good of others is perhaps the best way of beginning this warfare, especially as no one can pray earnestly and persistently without lending a hand in other ways as well. We can easily say "Thy kingdom come"; but when we begin to pray it, necessity is laid upon us to help in strengthening and extending that kingdom. We can't escape responsibility in the matter, for everyone who hears and obeys Christ's call himself, is not a true disciple unless, like St. Andrew, he tries to draw at least one other to the Master he has found—"let him that heareth say, Come." John Wesley's advice is rather beyond us, perhaps, but at least we can make an attempt to follow it: "Do all the good you can, by all the means you can, in all the ways you can, in all the places you can, at all the times you can, to all the people you can, as long as ever you can."

Even showing one's color boldly, when occasion demands it, is sure to help somebody. The old woman who started out to attack the enemy, armed only with a poker, did not expect to help much; but, as she said, "I can show them which side I am on." One such brave recruit might inspire a great many more capable people, and so give far more help than she dreamed of. On the other hand, one who is ashamed to own his faith, afraid to confess his Master before men, does far more harm than he thinks he is doing. It was not without good reason that the Israelites were told to prepare for battle by saying to the army, "What man is there that is fearful and faint-hearted?—let him go and return into his house,



lest his brethren's heart faint as well as his heart."

Our orders are to bear our own burdens, and, as far as we can, other people's also. Are we doing this? Are we, like the good Samaritan, ready to help a neighbor whenever possible, even though it may be inconvenient; or, like the priest and Levite, do we pass on, satisfied to mind our own business only. Some one had said that she only minded her own business once, and then she was sorry for it; but that is going to an extreme the other way, isn't it? Let us try to steer between the two extremes, avoiding a meddling interest in our neighbor's concerns, but being always ready to lend a hand when needed.

"Friends, in this world of hurry,  
And work, and sudden end,  
If a thought comes quick of doing  
A kindness to a friend,  
Do it that very minute! Don't put it off—don't wait.  
What's the use of doing a kindness, if you do it a  
day too late?"

HOPE.

**"Un Joyeux Chapitre."**

(An amusing chapter.)

By the exceedingly jolly faces of these three holy men one may easily imagine that the book being read from is of a quality to correspond with their humor. The title is hidden, but that, after all, is of no consequence, for "What's in a name?" The faces are most expressive. The reader looks like a born comedian, and evidently revels in his work, while the slightly uncertain look on the face of the monk who is, apparently, a little hard of hearing, is capitally drawn. The unrestrained enjoyment of the portly father in the big chair shows that he certainly is not deaf, and knows a good joke when he hears it. The imposing rows of volumes on the shelves look very learned indeed, but we wonder whether they are all of a saintly character, or whether some of them also contain "un joyeux chapitre."

We hear of the Friars of Orders Gray,  
And a jolly old monk was he;  
But we'll back these three in this picture to-day,  
To be each one as jolly as he.

Just look at the one who the chapter doth read,  
At the one with his hand to his ear,  
And the third who, doubtless of orthodox creed,  
Seems a friend of good jokes and good cheer.

But let them laugh on in their sombre old room,  
We will warrant their hearts are all right,  
Human nature's not meant to live ever in gloom,  
And a good monk may sometimes see light.

**Power of Music.**

There was a "block" among the teams in a prominent business street. A herd had been overturned, and several coal carts had been stopped by a load of lumber which, having succeeded in stationing itself across the thoroughfare, was unable to move farther.

Moreover, every man among those barricaded had lost his temper, and swearing was the order of the hour.

Suddenly, oh cheerful sound! a lively street band began to play, and the temper of the crowd changed as if by magic. The horses stood no longer in peril of dislocated necks, through the jerking and pulling of their irate drivers; the execrations ceased. Each man settled back in his cart to listen. After a Strauss waltz and a spirited march the band moved on, and then it became apparent that the audience had experienced a marvellous change.

"Will I give ye a lift, Mick" called one, the driver of the lumber cart, jumping down to put his shoulder to the wheel. "It's a big load ye've got."

"Throo for yez!" cried another, also lending a hand. "Pat, lave that baste of yours and show what you're good for!"

They pushed with a will, and the horses—who shall say that they did not work with redoubled vigor?—pulled with a will. The teams were started and everything went on as if nothing had happened.

"It's a foin band that," said one man as he drove on.

"Dade, an' it is!" cried another; and hardly a man among them but whistled, or tried to whistle, his own version of the tune.

An old man and a young man were riding in a stage coach. The old man was grave, but sprightly, short of stature, spare, with a smooth forehead, a fresh complexion, and a bright and piercing eye. The young man swore a great deal, until once, when they stopped to change horses, the old man said:

"I perceive by the registry books that you and I are going to travel together a long distance in this coach. I have a favor to ask of you. I am getting to be an old man, and if I should so far forget myself as to swear, you will oblige me if you will caution me about it."

The young man instantly apologized, and there was no more swearing heard from him that journey. The old man was—John Wesley.



My dear Guests,—

"Who is the artist that colors the trees,  
And what are his paints and when does he work?  
Does he ride around on the midnight breeze,  
With paints in which rainbows and sunshine lurk?  
And who tunes the breezes that laugh and sing,  
And play their strange music on branch and vine,  
Making the songs of the deep woodland ring,  
And those of the meadow grass soft and fine?"

The harvest, the most bountiful for years, is long since safely stored; the fairs are over, and the golden stubble and verdant aftermath are rapidly disappearing, as the thrifty husbandman moves along with his plow. How the scenes around us change with every season, and who can say which is fairest?

When the first pale tint of green shows in springtime, and bursting buds reveal their hidden glory, when every tiny stream is swelling with importance and gaily chatters of itself and the marvels it has seen, then we think nothing can be fairer; but when bright summer arrives, with flowing emerald tresses and flower-decked head, we fell half-inclined to reverse our decision.

Then stately autumn comes, with rosy orchards, luscious grapes, and marvellous artistic decorations, and we are impelled to exclaim, "Surely this season crowns all!" Is it not better so? Has it not been wisely ordained that each season should be replete with beauties peculiar to herself, and that thus instead of pining for glories past we may enjoy those of the present and have still an added joy in anticipation of the future? There may be, in the crowded marts of large cities, conditions which render excusable the spirit of pessimism; but who, among those who spend most of their lives in the open air, beneath the beautiful and ever-changing canopy of the sky, could dare to indulge such a feeling? And yet even here we find the pessimistic man, with his blue spectacles. If prices are high, he has nothing to sell; if the harvest be bounteous, he can get little or nothing for the surplus; and so on, until he tinges with his own sombre hue all with whom he comes in contact. Of what particular use in the world is the chronic grumbler is a

conundrum that might prove a "sticker" without the proverbial pot of mucilage.

A contest that would be within the capacity of almost all readers of the Chats has been promised, and appears below. The conundrums are all old and most of them familiar.

CONTEST XXII.

Three prizes are offered for the best answers to riddles given below. Contestants will be divided as follows: Class I., those who are eighteen and over; Class II., fourteen and under eighteen years of age. One prize will be given in each class. Mark the class to which you belong, and send your answers to Pakenham, on or before Nov. 15th. In case of a tie, neatness, correctness of spelling, etc., will decide the winner.

CONUNDRUM CONTEST.

1. Why are the letter O & U the noisiest of all the vowels?
2. Why is a bad coin like something said in a whisper?
3. What is worse than "raining cats and dogs"?
4. What is better than presence of mind in a railway accident?
5. Why is the letter D like a ring?
6. What relation is the door-mat to the scraper?
7. How many sticks go to the building of a crow's nest?
8. Which is heavier, the new or the full moon?
9. Why is an alligator the most deceitful of animals?
10. What is the key-note to good breeding?
11. What is the best thing to make in a hurry?
12. How would you make a thin man fat?
13. Why were Adam and Eve a grammatical anomaly?
14. Why does a donkey prefer thistles to oats?
15. Why did Adam bite the apple when Eve gave it to him?

Old and young have an equal chance this time, and I hope a large number will compete.

I trust that "Edith," who took part in a recent contest, will pardon the accident that caused her paper to be overlooked. It had been placed in a wrong pigeon-hole of my desk, and was unearthed but a few days ago. If "Edith" will favor us with another visit, we promise her a more courteous reception. THE HOSTESS.

Ingle Nook Chats, Pakenham, Ont.

"Mr. Martin was talking at the dinner-table, in his usual clever manner, about the inconsistency of women. "These young ladies who protest that they are never going to marry!" he broke out. "Everybody know that they will belie their own words at the very first opportunity." He paused, and evidently hoped that Mrs. Martin would come to the rescue of her sex; but that discreet woman held her tongue. "Why, Mary," he continued, "you remember how it was with yourself. I have heard you say more than once that you wouldn't marry the best man alive." "Well, I didn't," said Mrs. Martin.—[Tid-Bits.



"UN JOYEUX CHAPITRE."

## THE CHILDREN'S CORNER.

## Washing Day.

Hanging out the washing  
Susy thinks great fun;  
She has nearly finished,  
Mother's just begun.

Dolly's clothes are snowy,  
Washed and dipped in blue,  
"Not a speck upon them,"  
Proudly says our Sue.

Stick the pins in firmly,  
For the wind might blow;  
Hang the skirts and dresses  
Neatly in a row.

The stool is rather shaky,  
The line a trifle high,  
But anyone can grumble—  
It's easy, if you try.

The clothes will soon be ready  
To sprinkle, fold and press,  
Then busy little Susy  
Her dearest doll will dress.

She's learning useful lessons,  
For mother knows the way  
To teach her little daughter  
Good housekeeping in play.

COUSIN DOROTHY.

## Volcanoes.

Volcanoes have been pretty busy lately, and I thought perhaps you might be interested in hearing about the famous eruption of Vesuvius, which buried so many people and houses nearly two thousand years ago. On the 24th of August, A. D. 79, a black column of dust, ashes and stones rushed out of the top of the mountain. The terrible shower soon buried the cities at its foot; and many of the people, who had not time to escape, were killed. Hundreds of years afterwards, some men were digging a well, and were greatly surprised to find themselves opening up a theatre which had once been filled by the people of Herculaneum. A great deal of digging has been done since, and whole streets in the city of Pompeii have been cleared. Among other places the old cemetery has been opened up. It was hardly needed when the whole city became a cemetery. In one house repairs had evidently been taking place, when all the work was suddenly stopped, as it was in the old story of the Sleeping Beauty. Workmen's tools, paint-pots and brushes were scattered about. It must have been baking day, for bread was found in the oven, where it had stayed about seventeen hundred years. Like King Alfred, I am often careless enough to burn my cakes, but it is not often that bread is left in the oven as long as that, is it? It was decidedly black when it was taken out, but it was altogether too precious—and too hard—to be eaten, so it has been kept in a museum ever since. There was a nice little pig on a dish, waiting to be cooked; and a very patient little pig he must have been, to wait his turn in the oven so many hundred years.

There was a terrible volcanic eruption in Java rather more than a hundred years ago. The volcano was called Papandayang—see if you can pronounce that word—and it is said to have destroyed forty villages. There must have been an earthquake as well, for most of the mountain fell into a great hole in the ground, and the people were swallowed up, like Dathan and Abiram.

In New Zealand there are two volcanoes very close together, called Tongariro and Ruapahou. Long ago there was another mountain beside them—or, at least, the natives say so—and they were all very friendly, as giants should be, until the third mountain, Taranaki, tried to carry off the wife of Tongariro. This, very naturally, made our friend the mountain extremely angry; and he hit Taranaki a blow on the head which made him run away in a hurry. He slid down the river till he reached a lake, which is still called by his queer name, and there he lives now, all alone. While he was hurrying away, two big pieces of rock fell off his forehead. I don't know whether the heavy blows of Tongariro had cracked his head, but the natives still show the two big chips of rock to prove the truth of their story—which you need not be bound to believe, you know. The natives never dare to climb their hot tempered mountain, for they might get angry and hit them, I suppose.

Talking about long names, and I have given you a good many to-day, did you ever hear why Fred disliked his grandma? It hasn't anything to do with volcanoes, but I am probably tired of that subject, so perhaps it doesn't matter.

"I don't like grandma at all," said Fred,  
"I don't like grandma at all,"  
And he drew his face in a queer grimace—  
The tears were ready to fall;  
And he gave his kitten a loving hug,  
And disturbed her nap on the soft, warm rug.

"Why, what has your grandma done?" I asked,  
"To trouble the little boy?"  
"Oh, what has she done, the cruel one,  
To scatter the smiles of joy?"  
Through quivering lips the answer came,  
"She—called—my—kitty—a—horrid—name."

"She did? Are you sure?" and I kissed the tears  
Away from the eyelids wet.  
"I can scarce believe that grandma would grieve  
The feelings of either pet."  
What did she say?" "Boo-hoo!" cried Fred,  
"She—called—my—kitty—a—quadruped!"

COUSIN DOROTHY.

## Travelling Notes.

## MOLLIE'S SHARE IN SOME COLONIAL FESTIVITIES.

The Colonials who happened to be in England this summer were fortunate in having many entertainments provided for them apart from the usual round of London varieties, and in the majority of cases the Colonials fared better and received more favors than the English themselves. Lord Strathcona was particularly attentive to the Canadians, and apart from assisting people to get



"WASHING DAY."

seats in which to view the coronation procession and Kitchener's return, and cards of admittance into many interesting places, he provided many delightful entertainments himself, one, the best, being a garden party held at his country house at Knobworth, in Hertfordshire. Special trains were provided to convey the visitors from London, and St. Pancras, always a busy station for the North, presented an animated scene. A roadway leading to our carriages was formed by ropes on either side, and protected by policemen, and as we passed in and observed hundreds of people gazing at us who had congregated to see the pretty dresses, etc., we felt almost tempted to bow to the people as if we were royal personages ourselves. A run of twenty-five miles through a lovely country brought us to Knobworth station, where carriages were waiting to convey our party to the Park, two miles distant from it. Once inside the house, our several names were announced, and we were received by Lord and Lady Strathcona in a most cordial manner. After passing through the lower corridors, we strolled over the beautiful gardens, where we met and spoke with a number of friends, enjoyed the band, which played chiefly Canadian airs, went into the large marquee and were served with refreshments from a very beautiful table. Then a gentleman and his wife, whom I had last met in San Francisco, asked me to go over the house with them. Knobworth belongs to the Lyttons, and has been in their family for hundreds of years. It is one of the show places of England, being only temporarily leased by Lord Strathcona. The splendid castle, the antique

furniture, the beds in which royalty had slept, and the gifts of our late dear Queen, the library, the curios and works of art collected for hundreds of years, formed a museum in itself, and the two hours we spent in looking at them went all too quickly. Then followed farewells, a merry packing into the carriages for the station, to return again by special train to London, and thus ended a delightful experience for our loyal, happy party of Canadians. The gentleman who sat beside me on the return journey was Sir John Cockburn, formerly Premier of South Australia, and as he had been over Canada, and I over Australia, we both, I think, enjoyed the friendly discussion which came of each of us extolling the respective merits of our own native land, and making sly little allusions to the weak spots which neither admitted to be "the beam in our own eye," all in a good-natured and amusing way enough. Sir John knew quite well my dear uncle (now deceased) whom I had visited in Australia three years ago. Thus it is that, as I am constantly meeting people whom perhaps I have met somewhere before, or who have known some one I too have known, I am willing to believe in the old, well-known axiom, that after all the world is very small.

I began by telling you of entertainments the Canadians had in England this summer, but I cannot pretend to enumerate them all. Sir Wilfrid and Lady Laurier, on behalf of the Canadian Government, gave several of these, one a delightful reception and dance at the Hotel Cecil. There was also a reception given at the Mansion House, by the Lord Mayor and Lady Mayoress, to all Colonials. This was especially interesting, for one met as fellow-guests those of all colors and castes: Indian princes and princesses, in the peculiar dress of the East; English lords and ladies mixed up with good Canadian, Australian and New Zealand farmers, with their wives and daughters. Perhaps they might have been a trifle more uncouth in outward appearance, but of sturdy make and carrying on their faces a guarantee of reliability and stability of purpose, the best kind of a backbone for nature's aristocracy. Upon our arrival at the Mansion House we were asked by a powdered-haired, liveried footman to sign our names in a book at the entrance. We were then conducted upstairs by another equally grand footman. There we left our cards, when another gorgeous flunky led the way to a room where stood the Lord Mayor and Lady Mayoress, who shook hands with each one as we passed onwards, our names having been announced by footman number four. Having survived these several ordeals, we were quite ready for the cup of tea offered. We looked at the grand official regalia, and the Lord Mayor's mace, etc., etc.; listened to the band rendering sweet music, as well as to the occasional bits of conversation of some of those around us. It might have been mere persiflage, but it sounded droll to downright Mollie to hear a lady introduce "Lord So-and-So" to "Lady So-and-So," assuring her that "a party was never complete without the aforesaid 'Lord So-and-So,'" my inmost thoughts being that, judging from appearances, a man so inane would never be missed at all.

Perhaps one of my greatest privileges, lately, has been that of being shown over Hatfield House, the residence of Lord Salisbury. It is truly a most magnificent place. Hatfield was built by the Cecils, and has been in their family for more than three hundred years. Now there are only three left in the old home, viz., Lord Salisbury, his daughter, Lady Gwendolin, and his son, Lord Hugh Cecil, but the week-end generally brings all the married sons and daughters, with their children, to the old home, and often the party numbering thirty or forty, so one can imagine what a staff of servants must be kept. Besides the family gatherings, a man in Lord Salisbury's position is called upon to entertain a great deal, so we were told by the attendant who showed us over the place. "Mr. Balfour always prefers this room," "Lord Kitchener slept in this room last week," etc., etc. Then there was the late Queen's room, with a huge crown hanging over her head when she lay down to sleep, and her grass drive between two rows of beautiful lime trees. We saw also King James II.'s room, the Wellington room, and many others which had been occupied by notables, and, of course, the drawing-rooms, library, winter and summer dining-rooms, the long marble hall, the grand staircase, the pictures, the China, the carved woods, and the tapestries; but to do justice to each would require a whole column for itself, which is more than the "Advocate" can spare to it. Of the public life of that man of brains, Lord Salisbury, much is known, but perhaps few know anything of the home life, which cannot be without its influence upon the former. He is a most considerate master to his servants and to all his dependants, and these, with the members of his family, are expected to gather for a short service every morning at 9.30 in the dear little private chapel at Hatfield. Daily duties born by their consecration to God in the home are a guarantee that His daily blessing will be bestowed, whether they be in private or public service.

MOLLIE.

The Company Doctor.

BY F. H. WHITESIDE, LAMERTON, ALTA.

It has become, of late years, customary for concerns employing large numbers of men to retain also the services of a company doctor, that those who become sick or injured through accident may have regular and immediate attention.

This system, although inaugurated with the best intentions, and carried on, in most cases, with satisfactory results, often gives rise to unpleasantness between employer and employee, and is sometimes the immediate cause of strikes, from the fact that inexperienced and thoughtless students fresh from college are occasionally appointed to a practice which might well become an older and more careful man.

When Ernest McL. received the appointment of company doctor for that branch of a great railway known as the Arrow Head line, he was both young and inexperienced, not only in the practical application of drugs and medicines, but also in regard to his relation to circumstances and environment; but being a college athlete, he had learned man's relation to man, and some other things not strictly necessary to the practice of pharmacy.

In conjunction with the branch line which ran parallel to the Columbia River the company operated a couple of small river steamers, which served as carriers for their tie and timber camps, and it was on one of these that the doctor made his regular camp calls.

The news of the arrival of a "new doctor" was received in the camps in various ways, and the strain of merriment, contempt or open hostility was gauged by the general health of the crew employed.

"Believe I've got a touch of the gapes," remarked Bob Larcott, of camp No. 1, as the doctor, with a three-inch high collar and Christie stiff hat, made the round of the bunk houses.

"Y'd better have it light then, or ye'll be gettin' a pull at the blue bottle, same as Bill Chisholm did fore he died with pneumonia," grinned Tom Prescott.

"Yes, or a fly-blister on your back, like Alex. McGee when he broke his collar bone," laughed the cook. "I pity the boys at No. 2," he continued, with a hitch of his shoulder down the river: "they say there's fever there."

"Well, Billy, old boy! What'll you take for your chances?" said the foreman of No. 2 camp, as he smiled down on one of his crew who was beginning to show symptoms of fever. "The new doc. 'll be here to-morrow, and they say he's got galores of mixtures: fever, asthma, smallpox, tremens—anything you like! Come, what'll you bet on yourself, or do you just want the remains sent?"

"Look here, Jim," said the half-sick man, raising himself on his elbow. "if you let that young, white-faced fellow know I'm sick, I'll quit, d'y see? I'm going up to Revelstoke, and I'm going up to-morrow, and if there's anybody from this camp fool enough to take his d—d poison, it's not going to be me."

"Well, but, Billy, he's coming in here on his way up, and if anybody's sick, why?"

"I don't give a continental what he's going to do; I'm going to Revelstoke. I want you to help me aboard, and while he's fussin' and mixin' for the kid that's half dead in the cook house, I'll be takin' a breeze on the boat 'stead of a dose of God knows what out of a black bottle."

"All right, Billy, I'll see to it. Keep up your lip, old boy; go to old Dr. Rock when you get in, and you'll be back to work inside of a week."

About four o'clock the next afternoon the "Sun Beam" drew up opposite No. 2 camp, and the doctor was taken ashore in the small boat. At the same time the foreman put off with Billy, and they passed within hail.

"Anybody sick here, Mr. Hunter?" called the doctor.

"Yes," replied the foreman, "there's a young fellow in the cook house you had better see."

The doctor went on shore, while the foreman, who was going up river to No. 1, took Billy aboard. Ten minutes later the doctor's boat put off with three occupants. "Who's that coming off with the doctor, Hunter?" asked the captain, as they stood together near the wheel. "I don't know," replied Hunter; "looks like it might be the sick kid, the way the doctor's holding him. Well, by-dad, they want to be careful; that nutshell wasn't built for a ferry boat, and if one of those loose logs"

"Je-rusa, captain, where did you pick up a boatman like that?" broke in the foreman; "he don't seem to know which way the river runs! Look at that!" as a big log caught one of the oars and sent the boat broadside to the current.

"Look sharp, there!" shouted the captain. "Where are your eyes? Can't you see that drift?" His tones excited the raw boatman, and in his haste to avoid a small slab, he threw the boat half 'round, and in a moment she was at the mercy of a huge sawlog, which, striking near the bow, drove through the light cedar boards and tumbled the occupants into the swift stream.

Instantly there was commotion aboard the steamer. Orders were given, advice was shouted, while everybody but the engineer left their post to throw a rope; but no one thought of the foreman's boat trailing behind. In spite of the dangers of a mean bar with white water, the engineer swung 'round and made cautiously for the

upturned small boat, to which the doctor and his patient were clinging.

"Quick!" shouted the doctor, "or the other fellow will be gone. Here, catch him by the collar," as one of the men reached over the side. "No, never mind me; just keep me in sight." And, relinquishing his hold on the fever patient, he struck off diagonally down the stream towards an object which might have been driftwood.

"By-gee—heavens—captain! the young doctor's got grit, and he can swim too. I believe that's the other fellow there by that little eddy. No, it's gone—Yes, it is!—and there goes the doctor—dives like a water rat—by the holy poker—good man!" as the doctor came to the surface, struggling with the half-drowned boatman. "Hurry!" he called, as the terror-stricken man dragged him under. When they appeared again the foreman and captain were just above them.

"Good man—good man!" continued the foreman. "Here you are—steady now—together—and both men, almost equally exhausted, were hauled on board. The doctor could barely murmur, "Take off his clothes—rub him," and then swooned into Billy's arms. When he came to, other hands were at work over the rescued boatman, who was eventually, as the engineer put it, re-winded.

When the steamer drew up off camp No. 1, the foreman looked around to say good-bye to Billy; but he was in quiet conversation with the doctor.

"Well, so long, Billy," he said, holding out his hand, "be good."

"Wait a bit, Jim," said Billy, reddening up; "I'm going back with you." "You're, wh—at?" "Never mind, now, Jim; I say I'm going back with you."

"All right, old man, grinned the foreman, it's your funeral, and I 'spose you've a right to order the trimmings."

"Say, Billy, old boy, what happened—what did the doc. say?" asked the foreman, as they floated down stream again that night.

"What happened! Hang it, didn't you see what happened. We've got a man for a doctor—and he said," continued Billy, with a half-sick smile, "that I'd find the fever mixture in the cook house."

The funniest case of absent-mindedness was one that happened in St. Louis the other day. A pale, nervous-looking young fellow came into the grocery with his baby on one arm and the coal-oil can on the other. He set the can on the counter and said gently, "Sit there a moment, dear," then, holding the baby to the dazed clerk, he said, "A gallon of kerosene in this, please."

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GOSSIP.

Dalgely Bros., London, Ont., importers of Clyde and Hackney horses, having disposed of most of their last importation, announce in their advertisement that a new consignment of 16 stallions and 10 mares, per S.S. Marima, will arrive at the Black Horse Hotel, Toronto, about Oct. 14th, to which they invite the attention of horsemen.

SMITH & RICHARDSON'S CLYDESDALES.

It is doubtful if ever in Canada the demand for draft horses of the right type was stronger, or the prices more satisfactory, than to-day. This has stimulated importers to endeavor to outstrip their competitors in the race for supremacy, with the profitable result to the country that never was a better class of Clydesdales imported than this present year. Prominent among the leading importers of high-class Clydesdale stallions is the firm of Smith & Richardson, of Columbus, Ont. Year after year this firm has been securing the Old Country in search of choice animals, and although they have brought over a number of good ones, there is no doubt that this year's importation is away ahead of any they have made heretofore. Scotland's Chieftain 11189 was bred by Mr. Lawrence, Hillfoot, Mormond, sired by Merry Hampton 9615, by Gallant Prince 10552, dam Beatrice, by Scottish Hero 2340. Merry Hampton's dam was the Darnley mare, Lenora, sold at Mr. Locart's sale for 350 guineas. This is a big, smooth, heavy, muscular, well balanced, black horse, five years old, standing on the best kind of feet and legs; a grand actor, and a prizewinner, having won second prize at the Royal Northern as a four-year-old. Next we were shown the splendid horse, Laird of Craigie 11084, bred by J. A. Campbell, of Craigie, Ayr, sired by Ethiopia 5750, by Newhope, dam Princess Albion 11382, by Prince of Albion 6178. He is a brown horse, four years old, of very commanding appearance, powerful loins, deep, full chest, well balanced on all legs and feet, and good, free action. He won third prize at the Glasgow Stallion Show as a three-year-old, and was the Upper Northdale premium horse, 1901, and the Ayrce premium horse in 1902. Next was

Theakston 10655, bred by John McIntyre, Theakston Hall, Bedale, Yorkshire, sired by Holyrood 9516, a horse that has a brilliant showing record, he by Gallant Prince, dam Jip 13162, by Duchal 2737. He is a bay horse, five years old; a massive, well-finished horse, smooth and even, grand loins, big flat bone, and perfect feet, and a great actor; stands 17 hands high, and weighs 2,200 pounds. He was stud horse at Theakston Hall in 1901, at a stud fee of £3. The next one pulled out was that grand old horse, King's Cross 10070, bred by Hugh Todd, Harperland, Dundonald, sired by Sir Everard 5353, dam Lady Wales 9226, by Prince of Wales 673. He is a brown eight-year-old, is a half brother to the noted horse, Baron's Pride, and shows to a remarkable extent the form, style and finish of his illustrious half brother; standing as he does on the perfect feet and legs makes him a model horse. He was the district horse for two years for Kilmarnock, and two years for the Lockerbie district. Duke of Cornwall 3155 was next shown; he was bred by A. Clotie, Boghouse, sired by Duke of Rothsay 9191, dam Young Fanny of Boghouse 5398. He is a bay four-year-old; a big, smooth, evenly-moulded horse; very strong loined; powerfully muscled; heavy flat bone and splendid action. He was one of five, together with their sire, that won first premium at Glasgow, and last year had the Breadalbin district. The next was the two-year-old Lavender 11394, bred by Robert Turner, Cairnton of Bogadie, Portlary, sired by Glencier 10353, dam May Montrose 13616, by Lord Montrose; a brown colt of great substance, coupled with a full share of quality; standing on perfect feet and legs, and will make a money-maker without a doubt. Pioneer 3374 is a dark brown three-year-old, bred by Rev. J. Cassie, Old Meldrum, sired by Sir Arthur 10455, dam Grace Erskine 12736, by Lord Erskine. He is a colt of tremendous substance, showing a growthiness that should make a 2,200-pound horse, and withal he is compact and smooth, and is possessed of lots of quality. The next was Sir Iain 3376, bred by J. Anderson, Amenloch, sired by Prince of Johnstone 9986, dam Jess, by Marmon 6983. He is a bay three-year-old; a beautiful topped colt, with great depth of chest, well-sprung rib, clean flat bone and grand action. The rest were Canadian-bred. General Gordon 3174, by Lawrie's Baron Gordon (imp), dam Dunbarion Nell 330, by Eastfield Laddie (imp.). He is a bay two-year-old; a big sappy colt; the making of something good. General McQueen 3175 is another two-year-old bay, sired by McQueen (imp.) 462, dam Nell 3308, by Queen's Own (imp.). This colt is full of quality, and show a form of Clydesdale perfection seldom seen in one so young. Royal Macinnis 3151, sired by Macinnis (imp.) 536, dam Gallant Lass (imp.), by Gallant Lad, is a two-year-old that has few equals for style, action, substance and quality. There are, besides these stallions mentioned, about a dozen mares, a big, well-formed lot, combining size and quality.

COLQUHOUN'S IMPORTED CLYDES-DALES.

Long experience, sound and discriminating judgment, an ardent liking for a good horse, the determination to handle only first-class stock, together with fair and square dealing, have made for Wm. Colquhoun, of Mitchell, Ont., an enviable reputation as a breeder and importer of high-class Clydesdale horses. He is a man of few words, but knows a good horse when he sees one, and price is but a secondary consideration with him if the horse suits. Superior quality with sufficient size is his motto, and he makes his selections on that basis, as was well exemplified in the horses in his late importation, two of which were prize-winners at the Toronto Exhibition, though lately landed and without time for thorough fitting for the show-ring. Prince Fragrant (11460), though only three years old in July, was a clear winner of first prize there in the 3-year-old section in a class of ten entries, eight of which were imported. He was sired by Sir Christopher, by Prince of Loudoun, and his dam, Bell of Fricock Mains, was by Laird Darnley, by the noted sire, Darnley (222). He is a big horse for his age, with the best of feet and legs, and is full of quality, as one would expect from his breeding. Peerless (10832), bred by the Earl of Strathmore, Glamis Castle, and got by the great sire, Mains of Airdies, by the famous Prince of Wales 6733, and his dam, Pandora, by Darnley (222), is a beautiful dark bay 4-year-old horse, with faultless form, splendid action and grand quality of bone and feet. He won third prize at the late Toronto Exhibition in a class of 18 entries, 12 of which were imported, and he had only recently landed from the sea voyage and a tiresome trip by railway from Quebec, and is not fully matured, being only in his 4-year-old form. Another year's development and fitting will make him a great horse, while his breeding gives him the benefit of the blood of the best of the breed and makes him a very safe sire to breed from. He was indeed considered by many breeders the most valuable horse of the class in the Toronto show. Climax (10529) is a beautiful bay 5-year-old son of the phenomenal sire, Baron's Pride, dam by Lord Erskine, and gr. dam by Topsman. Prince Favourite (11439) is a substantial and stylish 2-year-old son of Prince Thomas, bred by the Marquis of Londonderry and sired by Sir Thomas, whose dam, Lady Lawrence, was by Prince of Wales 6739. Coymachie (11314) is still another of the last importation worthy of notice—a bay 3-year-old son of Blacoe Macgregor, by the noted Macgregor (1187), and his dam by the famous Prince of Wales (673). These are but sample pedigrees of the kind and class of horses Mr. Colquhoun handles, and the beauty of it is that the horses are as good as their breeding. Mr. Colquhoun advertises a number of imported and home-bred horses in this paper for sale, and we feel safe in commending him and his horses to the horse-loving public needing stock of this stamp. His horses are

kept close to the town of Mitchell, on the Goderich branch of the G. T. R. and only 12 miles west of the city of Stratford, one of the best shipping points in Ontario.

Mr. Mortimer Levering, LaFayette, Indiana, Secretary of the American Shropshire Association, has issued a circular suggesting that, owing to the rapidly-increasing demand for Shrop-hires, breeders should not overlook having all their lambs properly tagged and recorded. Those who have not registry blanks on hand may have them sent free of charge by applying to Mr. Levering.

Entries for the International Live Stock Exhibition, at Chicago, the first week in December, will close October 15 absolutely, says General Manager W. E. Skinner, Union Stock Yards, Chicago, to whose address entries should be sent. Through a clerical error the class for boar under six months old was omitted from the preliminary prize list, but will be included in the catalogue with prizes same as for sows under six months.

NOTICES.

AN OCTOBER WATCH.—During the month of October, only, the T. Eaton Co., of Toronto, Ont., one of the greatest and most successful departmental stores in America, offer a grand silver watch for \$9.85. They pledge their reputation that it will give satisfaction, and if not will send the money back. Read the advertisement elsewhere in this issue and test the mail order system at once.

DIPPING SHEEP.—If there is any one thing more than another which is neglected on hundreds of farms where a few sheep are kept, it is dipping the animals in some good fluid to prevent disease or lice, and promote a healthy growth of wool. On the market are such excellent preparations for the purpose as Little's Fluid Dip. That old and well-tried friend of the shepherds of Great Britain is still for sale in all its purity. Robt. Wightman, druggist, Owen Sound, is the agent in this country, but it may be had through any reliable drug dealer.

THE EMPIRE TOBACCO CO., LIMITED.—"We have not advanced the price of our tobaccos. Amber-smoking tobacco, Bobs, Currency and Fair Play chewing tobaccos are the same size and price to the consumer as formerly. We have also extended the time for the redemption of snow-shoe tags to January 1st, 1904." Advt. om



# VALUABLE PREMIUMS

EXACT SIZE OF KNIFE.



**AN A 1 FARMER'S KNIFE**  
DIRECT FROM SHEFFIELD, ENGLAND.

Finest Steel Blades. Strong and Durable.  
Beautiful Nickel Handle.

Specially selected and ordered by the Manager of the ADVOCATE when in England last summer.

**CANNOT BE DUPLICATED.**

Every Farmer and Farmer's Son Should Have One of These Knives.

START OUT FOR THE NAMES TO-DAY.

**HOW TO SECURE IT.**

SEND  
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**FARMER'S ADVOCATE**

And we will send you the knife, postpaid.

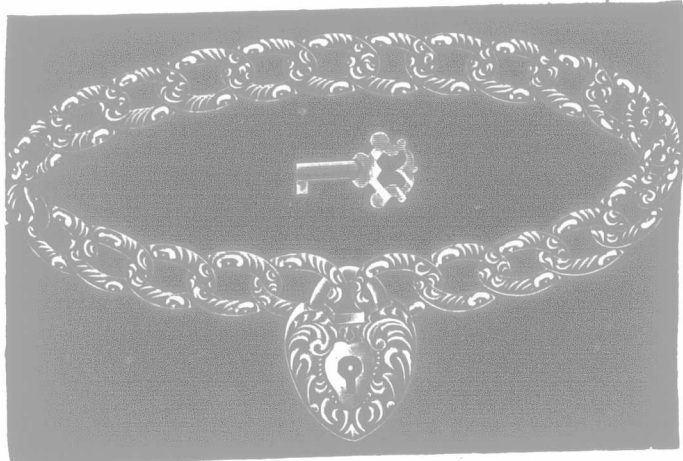
## THE BIG FOUR

THE GREAT PREMIUM PICTURE OFFER, FOR OBTAINING NEW SUBSCRIBERS TO THE "FARMER'S ADVOCATE" AT \$1 A YEAR.

- "CANADA'S IDEAL" Admitted by judges, breeders and artists to be the most magnificent engraving of high-class modern Shorthorns ever issued in any country. 24 x 36 inches. Twelve animals.
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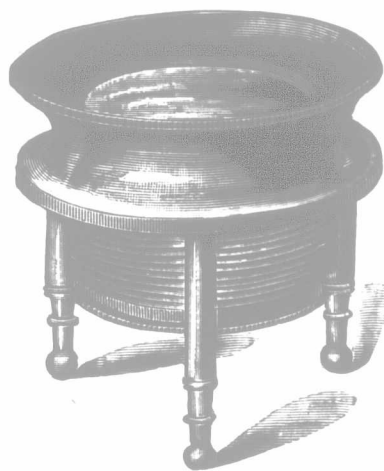
## Our Self-Binder

HANDY, DURABLE and ATTRACTIVE. Made to contain the 24 issues of the year. We will forward this Binder, postpaid, to anyone sending us the names of TWO NEW SUBSCRIBERS and \$2.00.

**B**EGIN TO CANVASS AT ONCE

FOR NEW SUBSCRIBERS. The balance of 1902 will be sent FREE, including Christmas number, to all who now subscribe for 1903. Subscription Price, \$1.00 per Annum.

## THE MICROSCOPE



Is a means of great entertainment and instruction in the home and out of doors. To meet the wishes of many subscribers, we have arranged with a first-class firm for a supply of those instruments; which we now offer:

Tripod Microscope, with strong magnifying lens, useful for examining weed and other seeds, insects and other small objects, for obtaining one (1) new subscriber to the FARMER'S ADVOCATE.

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Containing the Old and New Testaments, according to the authorized version, together with new and revised helps to Bible study—a new Concordance and an Indexed Bible Atlas, with SIXTEEN FULL-PAGE ILLUSTRATIONS, PRINTED IN GOLD AND COLOR.

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Write for a sample copy of the Farmer's Advocate, and begin to work for these premiums. Cash must accompany new names.

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- THE FERTILITY OF THE LAND.—*Roberts*. 372 pages. \$1.25.
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### LIVE STOCK.

- VETERINARY ELEMENTS.—*A. G. Hopkins, B. Agr., D. V. M.* \$1.50. A practical book for stockmen and agricultural students.
- THE STUDY OF BREEDS (CATTLE, SHEEP, AND SWINE).—*Prof. Shaw*. 400 pages; 60 engravings. \$1.50.
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- LIGHT HORSES—BREEDS AND MANAGEMENT. 226 pages. \$1.00.
- HEAVY HORSES—BREEDS AND MANAGEMENT. 219 pages. \$1.00.
- CATTLE—BREEDS AND MANAGEMENT. 270 pages. \$1.00.
- SHEEP—BREEDS AND MANAGEMENT. 232 pages. \$1.00.
- ANIMAL BREEDING.—*Shaw*. 406 pages. \$1.50.
- THE DOMESTIC SHEEP.—*Stewart*. 371 pages. \$1.75.
- THE SHEEP.—*Rushworth*. 496 pages. \$1.50.
- PIGS—BREEDS AND MANAGEMENT.—*Sanders Spencer*. 175 pages. \$1.00.
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Vinton Series.

### GENERAL AGRICULTURE.

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- FARMYARD MANURE.—*Atkman*. 65 pages. 50 cents.
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### DAIRYING.

- AMERICAN DAIRYING.—*H. B. Gurler*. 252 pages. \$1.00.
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WE have succeeded in procuring from one of the most reliable jewelers in Canada a complete list of Gents' and Ladies' Watches of sufficient variety to suit every one, and have no hesitation in recommending them to our readers as premiums worthy of an effort to secure. These are not by any means trashy goods, but first-class in every particular, and we assure you that you will be pleased with whatever of the above premiums you may obtain. Let us hear from you at an early date with a good list of new subscribers accompanied by the cash, and take your choice.

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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
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No. 11.	15 Jeweled Gent's Elgin in Gun Metal Case.....	15
No. 12.	15 Jeweled Gent's Elgin in Sterling Silver Case.....	18
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No. 19.	Nickel, small size.....	9
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The accompanying cuts fairly well represent all the Ladies' and Gents' Watches, and a description of each as numbered is as follows:

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.

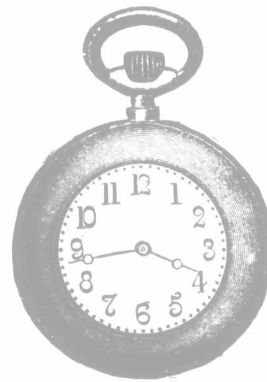
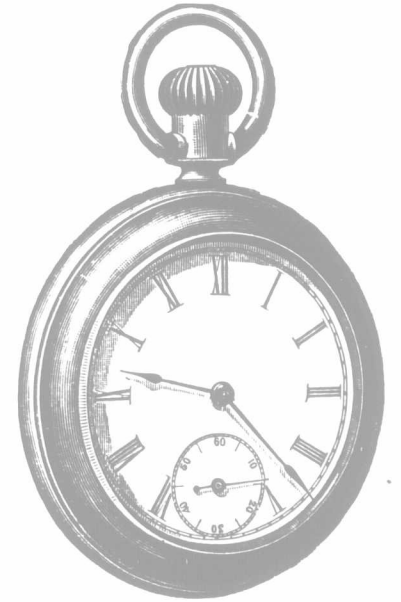
Nos. 19, 20 and 21 are small sized; in fact, are the exact size of cut. These are American Watches, O. F. stem wind, and push-in stem and turn to set hands, and are first-class timekeepers. Will give perfect satisfaction.

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.

When making your choice of Watch as premium, be sure to mention its number as given in premium list, also whether Lady's or Gent's.

The WM. WELD CO., Ltd., Winnipeg, Man.



# SOME DE LAVAL PRIZES.

The time has long since passed when De Laval made butter prizes were matter of comment. The only comment ever made now is upon the rare occasion of some other made butter chancing to take a prize.

There has been scarcely a contest of any sort throughout the world in the past ten years in which De Laval butter has not made practically a clean sweep of all higher scores and awards. Reports from four of the great Western State Fairs held during the past couple of weeks show results as follows:

IOWA.	
1—P. H. Kieffer, Strawberry Point, -	98
2—P. M. Jenne, Toronto, -	97 1/2
3—P. A. Knutson, Thor, -	97 1/2
NEBRASKA.	
1—Wahoo Creamery Co., Wahoo, -	96
2—Schuyler Creamery Co., Schuyler, -	95
3—Malcolm Creamery Co., Malcolm, -	94 1/2
SOUTH DAKOTA.	
1—O. L. Dinstead, De Smet, -	96
2—N. P. Lund, Oldham, -	95 1/2
3—C. H. Werder, Eagle, -	94 1/2
WISCONSIN.	
1—R. Holcomb, Scandinavia, -	98
2—W. H. Colfish, Baraboo, -	97 1/2
3—W. J. Hyne, Evansville, -	97

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# Warm Air Generator

THE heating of a home in Manitoba and the Territories is a question of great importance. COAL is EXPENSIVE, the winters are long; therefore, it requires a large quantity of heat to keep them comfortable. The KELSEY heats your home on ONE-THIRD LESS FUEL than any other system. The KELSEY gives you a large volume of WARM AIR (not hot air). Note the construction of the KELSEY. 200 KELSEYS in successful operation West of Lake Superior.

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Send us your name, address, and express office, and we will send you this Electric Machine for examination. When it arrives, test it thoroughly, and if found perfectly satisfactory, and in every way equal to batteries regularly sold at from \$5.00 to \$10.00, pay the express agent our special bargain price, \$2.35, and we will press charges, and you will have one of the best batteries ever made. This is a genuine Magneto-Electric generator with permanent magnetized field, armature wound with over 100 feet of silk covered wire, German silver brush, and a hard rubber base and nickel plated electrodes with insulated conductor coil. It is well constructed, all parts being perfectly made and handily finished. It is easy to operate and never wears out. A child can use it. You simply hold the electrodes in the hands or apply them to any part of the body, turn the crank and a strong current of electricity is generated, which can be suited to the most delicate organism or made powerful enough to overcome the strongest man. A Home-Curer for all diseases that Electricity will not either cure or greatly relieve. It cures rheumatism, neuralgia, paralysis, and all other nervous affections. It cures indigestion, constipation, and all other ailments. You can have it tested at any time, and we will perform our performance before you, and you will be satisfied. It is a great discovery. Do not miss it. Order today. NATIONAL TRADING CO., BOX 3527, Toronto.

### GOSSIP.

The fall and early winter is undoubtedly the best time to buy stallions, for not only can they be bought at this season for much less money than in the spring, but buying early, a man has first choice and has then an opportunity of properly conditioning his horse for the season's work, and getting him well advertised throughout the locality it is proposed to travel him. Reid & Weightman, West Hill, Man., are advertising in this issue Shire stallions for sale. This firm exhibited prizewinning stallions at the Winnipeg Industrial last July, and have the sort that is wanted. See their ad. in this issue, and correspond with them before buying.

Holland is a pretty little Manitoba town, nestling near the foot of the Tiger Hills, on the Glenboro branch of the C. P. R. About half a mile from the station is the farm of Mr. R. J. Stewart. Although Mr. Stewart is quite an extensive wheat grower, he has departed from the general course and has commenced the breeding of pure-bred Short-horns. This herd, though but new, gives evidence of good breeding, and the individuals are all animals of merit. His foundation stock are from the herds of Messrs. Ferguson & Matchett, the blood of imp. Lady de Burgh being quite prominent. At present Mr. Stewart is casting his eyes about in search of a good bull to head his herd. It is also his intention to engage in the breeding of Berkshire swine. See his advertisement re bulls in another column.

Elsewhere in this issue appears engravings of a pair of roadsters bred by Alex. D. Gamley, Brandon. Mr. Gamley has for a number of years been well known as a breeder of prizewinning Leicester sheep, but apart from the breeding of good sheep, Mr. Gamley finds time to raise a few high-class roadster horses. The two-year-old gelding and filly whose portraits appear in this issue are of fine type and quality. They were respectively second and third prize-winners in the roadster class at Winnipeg and Brandon Fairs in 1902, taking same places as yearlings at Brandon in 1901. They are out of mother and daughter, and both sired by Mitchell Poy. The gelding's dam was sired by Western Sprague, second dam (and the dam of the filly) by Gilroy, third dam said to be by Rysdyk's Hambletonian.

The Mutch Bros., Lumsden, Assa., extensive wheat growers, have for some years been giving attention to Clydesdales, and have made some excellent selections of foundation stock. At the head of the stud is that grand-bred colt, Prince Stanley, a Clydesdale of unimpeachable breeding and strong individual character and quality. In a large, strong class at the Winnipeg Industrial this year he was placed third, and considered by many around the ring worthy of higher honors. In this issue is published a portrait of one of the many good females that go to make up this stud—Charming Star. As indicated by the name, this three-year-old is by Lord Charming (2264), he by Prince Charming, out of a St. Cuthbert mare, Prince Charming being by Cedric, out of Imp. Cherry Ripe. The dam of Charming Star was the prizewinning mare Starlight, by Grandeur, out of Evening Star, so it will be seen how rich are her blood lines. Individually, she is a large, massive, compact mare, thick through the heart, smooth and strong over loins and quarters, with beautiful head and neck, and grand carriage. She has always been a winner, and has to her credit the following prizes: As a yearling, in 1900, she was first at Toronto and London; as a two-year-old, in 1901, she was first in Winnipeg and Regina, and as a three-year-old, in 1902, she was first at Winnipeg and second at Regina, being beaten in the latter ring by her stall mate, Charming Lassie.

McLaughlin Bros., Columbus, Ohio, who are extensive importers of draft and Coach stallions, have invaded Canadian territory and intend to have a piece of the Manitoba stallion trade, which promises to grow rapidly to large dimensions. McLaughlin Bros. deal principally in Percherons and French Coaches, and of these breeds, so popular in the States, carry a heavy stock of stallions, many of them top-notchers. Their first consignment to Manitoba consisted of Percherons, several of them winners at recent State fairs. Two of the number were stabled for a short time in Winnipeg, one of which, Charlot, recently imported from France, was winner of first prize in the aged class at the Iowa State fair. Charlot is a massive, black, six-year-old, with heavy bone and of strong, muscular, draft type. His stable mate was a big, black, two-year-old colt, with every indication of developing into a handsome and useful sire. The Percheron is meeting with considerable favor in this country, and the stallion business promises to be lively next year. Messrs. McLaughlin Bros. write the "Advocate" under recent date:

"We have shipped a carload of our choicest stallions to Winnipeg. Among these is the great three-year-old stallion, Calico, that won first prize at the Concours Societe Hippique Percheronne, held at Mortagne, France, in July, 1902. He also won first prize at the Iowa State Fair in the three-year-old class. Among the other prize-winners, aside from Calico, are Remo, winner of sweepstakes at the Ohio State Fair, and Vainqueur, Charlot, and Unterwald, winners of first prize, respectively, in their classes at the Iowa State Fair. This is without question the best lot of stallions which were ever loaded in the same car together."

## Canadian Pacific Rail'y

COMPANY.

THROUGH DAILY SERVICE TO THE

### WEST AND EAST

Via all Rail or via the Lakes.

First-class Sleepers and Dining Cars on all Through Trains.

Tri-weekly Tourist Car Service, East and West bound. Comfort of passengers the first consideration, assured by competent attendants and

PERFECT SERVICE.

TOURIST RATES QUOTED TO ALL

### WINTER RESORTS

California, Florida,

The Antipodes, China and Japan.

For further information and descriptive advertising matter apply to any C. P. R. Agent, or to

C. E. McPHERSON,

General Passenger Agent,

WINNIPEG, MAN.

## Canadian Northern Ry.

TICKETS BY RAIL, LAKE, OCEAN,

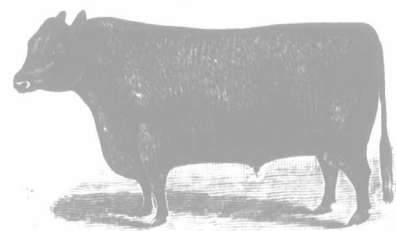
To All Points at Lowest Rates. Choice of Routes.

For reservation in sleeping cars or on steamers and full information regarding any trip consult Canadian Northern Ry. agents.

GEO. H. SHAW, TRAFFIC MANAGER, WINNIPEG.

## Aberdeen-Angus Cattle

Pure-bred Clydesdale Horses.



### It will pay Canadian farmers

TO WRITE

JOHN R. CAMPBELL, PR. P. HIGHLAND STOCK FARM, CLYDE, MINN., U. S. A.

For prices on

#### CLYDESDALE STALLIONS

from strains that are famous the world over. Has been a breeder of Aberdeen-Angus Cattle for 20 years.

Address

JOHN R. CAMPBELL,

Highland Stock Farm.

CLYDE, MINN., U. S. A.

#### FOR 30 DAYS ONLY.

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 past records, having taken the sweepstakes for the best herd; also 2 silver medals for best Tamworth boar and best Tamworth sow, besides many other prizes in their various classes. Our present offerings are: Half dozen sows, from 6 to 12 months old, all in pig; half dozen sows, from 5 to 6 months old; and several boars, from 5 to 12 months old. These pigs will be sold cheap for the next 30 days, in order to make room for young litters. They are all descendants of our sweepstakes stock.

COLWILL BROS., - NEWCASTLE, ONT



**VINCENT & MACPHERSON,**  
The Leading Western  
Undertakers and Embalmers.  
**Rosser Avenue, Brandon.**  
Write for furniture catalogue.



**"What a Wise Old Chap!"**  
He has left his hide in good hands. Send for our circular in reference to custom tanning. We send samples of work with circular.

**CARRUTHERS & CO.,**  
TANNERS,  
and dealers in hides, wool, sheepskins, furs, tallow, etc.  
9th Street, Brandon, Man.

**O'Neil Bros., Southgate, Ont.**  
Importers, breeders and dealers in registered  
**HEREFORD CATTLE.**  
Special prices on cows and heifers by car lots. We will contract to supply registered Hereford bulls by car lots, or mixed carloads of Hereford, Angus and Shorthorn bulls, to ranchmen for fall or spring delivery. Correspondence solicited. Address as above.

**POPLAR GROVE**  
**HEREFORDS**  
The leading herd of Western  
Canada.



**COWS, HEIFERS AND BULLS FOR SALE.**  
**J. E. Marples**  
DELEAU, MAN.

**GALLOWAYS:**  
Bulls and heifers for sale.  
APPLY TO  
**T. M. CAMPBELL,**  
"HOPE FARM,"  
St. Jean Baptiste, Manitoba.  
**D. FRASER & SONS,**  
EMERSON, MAN.,  
Breeders and importers of Durham Cattle, Shropshire and Southdown Sheep, and Pure-bred Poland-China Pigs a specialty. Young stock for sale. 9-3-m

**MARCHMONG HERD**  
**Scotch-bred Shorthorns**  
25 young bulls of modern breeding and good conformation. 3 Berkshire boars—1, 8, 13 months.

**W. S. Lister, Middlechurch, Man.**  
Seven miles north of Winnipeg.  
TEL. 1004.

**FOR SALE:**  
**Registered Shorthorns**  
Bulls and heifers of all ages. Prices and terms to suit purchasers.

**WALTER JAMES,**  
ROSSER, MAN.  
Breeders of  
**Shorthorn Cattle**  
Herd headed by...  
bred from...  
**A. TITUS, NARRAN, MAN.**

**GOSSIP.**  
A 240-acre farm, within three miles of the Canadian "Soo," is advertised for sale in this issue. In view of the many industries established there, the location is a desirable one, as there is bound to be a good home market for farm produce.

Vol. XI. of the Clydesdale Studbook of Canada has just been issued from the press, and is ready for distribution on application to the Secretary and Registrar, Mr. Henry Wade, Parliament Buildings, Toronto. The volume contains the pedigrees of 400 stallions and 475 mares, a list of owners, a report of the annual meeting of the Clydesdale Association, and a list of awards of prizes at the Toronto Industrial and Canadian Horse Shows for 1901.

**\$10,000 FOR A HEREFORD BULL, AND \$7,000 FOR A HEREFORD COW.**

At Mr. Clem Graves' dispersion sale by auction of his herd of Herefords, at Indianapolis, Ind., on Sept. 16, all former records of sales of the breed were broken by the disposal of the three-year-old bull, Crusader 86386, champion at the Pan-American, for \$10,000, Mr. Ed. Hawkins, Earl Park, Ind., being the purchaser. The nine-year-old cow, Dolly 2nd, was taken by the same buyer at \$7,000, and Casmo, a seven-year-old cow, the dam of Crusader, also went to the same buyer for \$3,000. Another cow, Imp. Phoebe, brought \$3,000, and 37 females averaged \$820. Six bulls sold for an average of \$2,154, and the whole 43 head for an average of \$1,007. Verily, beef cattle sell high in the States.

Geo. E. Brown, the well-known importer and breeder of Shires, Cochers and Hackneys, whose headquarters are at Aurora, Ill., has announced his intention of coming into Manitoba to participate in the stallion trade of the West. Mr. Brown was one of the first importers of Shires into the United States, and has brought out many of the best of the breed, and is still one of the largest dealers in this grand old breed of English drafters. That there will be room for many high-class draft stallions in the West there is no doubt. There is and will be a big demand for horses in this great wheat country, and our people want the best.

**NOTICES.**  
**THE SEASON FOR SELECTING FLOWER BULBS** is here, or near. Note the interesting illustrated advertisement in this paper of Wm. Rennie, Toronto, offering bulbs of the choicest flowers in many varieties, together with full directions on "how to grow bulbs" free with orders.

**ANOTHER LARGE ADDITION.**—"The contract for building a new machine shop, 60 x 72 feet, two stories high, with a basement 17 x 113 feet, for the Vermont Farm Machine Company, manufacturers of cream separators and other dairy apparatus, has been awarded to E. I. Kilburn. Work will be begun at once and the building pushed to completion as rapidly as possible. The new shop will be located to the west of the present main building, and will add greatly to the manufacturing capacity of the Company. The new addition to the main building, 40 x 60 feet and three stories high, has just been completed. A storehouse four stories high, to be located along the line of the electric road, and so arranged that freight cars can be backed into the building for loading, is a possibility of the near future. It was only last winter that this Company built and equipped a handsome new office building. All these changes and additions give the Vermont Farm Machine Company one of the largest and best equipped manufacturing plants in New England. Expansion of this nature is certainly a good thing for the town, and no doubt will prove a good thing for the Company."—Bellows Falls, Vt., Times.

**THE FENCE AND GATE** exhibit of The Strathy Wire Fence Co., Limited, of Owen Sound, attracted special attention at the Toronto and London fairs, owing largely to their patent "hinge stay," that seems to be mechanically correct, and to remedy the most serious defect now experienced in wire fences. The wire used in the fence is high grade and of great strength, and the fence has great elasticity and we would judge it to be at least one of the best and most likely to give the best of satisfaction. The fence can be supplied factory or hand woven. Their gates also seem excellent in construction, and they ship with a guarantee of satisfaction or the gates need not be accepted, and the Company will pay all expenses.

**E. W. GILLET COMPANY, LIMITED.**—During the Toronto and London (Ont.) Exhibitions this Company was one of the largest and most prominent exhibitors of their different products, and very few housewives attending the fairs went home without a sample of Magic Baking Powder, a reliable aid to good cookery. Another feature of this Company's advertising work was the distribution to young and old of the most unique souvenir but one observed on the grounds, bearing the emphatic and truthful inscription, "Gillett's Lye Eats Dirt." Over 20,000 buttons were distributed. The legend, "Royal Yeast," blazoned over the grounds, and through the refreshment booths, also reminded the consumer that such a good thing as household necessity was still to be had. The other household articles exhibited by the Company's manufacture, such as Magic Baking Powder, Cream Tartar, Washing Crystal and Mammoth Blue also were prominently advertised.

**Lakeview Stock Farm.**  
**SHORTHORNS FOR SALE.**  
Have several heifers, 1 and 2 years old, by Baron's Pride (imp.), in calf to Clan Mackay (imp.); also some good cows in calf to Clan Mackay. One good yearling bull, by Lord Strathbrogie (imp.), out of Empress of India (imp.). Several bull calves, sired by Clan Mackay. Cheap, if sold soon.  
**THOMAS SPEERS,**  
OAK LAKE, MANITOBA.

**SHORTHORNS FOR SALE**  
Four choice Shorthorn bulls for sale, from 5 to 15 months old, sired by General Sampson 33103, by Royal Sampson 25176; also a good yearling bull Pedigree and prices right. Address:  
**R. J. STEWART, Holland, Manitoba.**

**Breeder of Shorthorns.**  
Imp. Baron's Pride 28855 at head of herd, B. P. Rocks and Bronze turkey eggs for sale.  
**J. H. KINNEAR, SOURIS, MAN.**

**SHORTHORNS**  
Gold Medal herd of 1899-1900. Bulls in service are: Noblemen (imp.) and Topsman's Duke. Some good young bulls for sale.  
**J. G. BARRON, Carberry, Manitoba.**

**SHORTHORNS FOR SALE**  
of Scotch breeding, seven bulls and forty cows and heifers, mostly all in calf or calf at foot. A few Clydesdales of both sexes.  
**Geo. Rankin, Melrose Stock Farm, Hamiota, Man.**



**OAK GROVE FARM.**  
Shorthorns and Yorkshires.

**MASTERPIECE**—23750—red-roan, by Grand Sweep (imp.). Three young bulls by Masterpiece, and heifers by Knuckle Duster (imp.), Village Hero and Masterpiece.  
Improved Yorkshire sows in pig. Boars fit for service. Orders booked now for young pigs. Pairs not akin.  
White Plymouth Rock eggs.  
**JAMES BRAY, LONGBURN, MANITOBA.**

**English Flat Coated Retriever Pups**  
**TWO MONTHS OLD.**  
By Imp. Winnipeg Carlo } Champion Right-Tattle.  
(C. K. C. 5593). }  
Imp. Nita (C. K. C. 5594). } Black Drake.  
Carlo is a winner of 7 first prizes and 9 specials.  
**A. H. M. CLARK, 55 Sherbrook Street, WINNIPEG, MAN.**

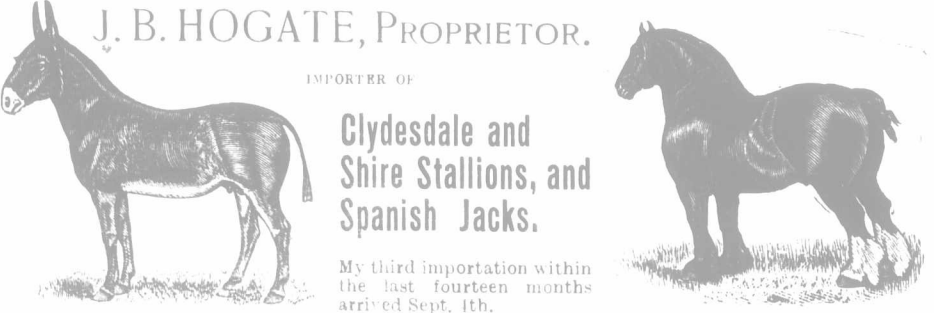
**PLEASE MENTION FARMER'S ADVOCATE.**

**PRAIRIE HOME STOCK FARM**  
CLYDESDALES, SHORTHORNS, SHROPSHIRE BERKSHIRES and YORKSHIRES.  
Shorthorn herd headed by Judge, imp. Jubilee, and Rib, bon's Choice. Ayrshires of the best quality; herd headed by Surprise of Burnside. Oak Lodge Mighty 7th 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 one 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.



**O. I. C.**  
I am now offering one yearling boar, two May boars and five spring sows, all gilt-edge and ready to ship. I will also have a dozen splendid Barred P. Rock cockerels to ship by November 1st from the Elkhorn Farm, Wakopa, Man., where I will be located by October 1st.  
**A. E. THOMPSON, WAKOPA, MAN.**

**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. 1th.  
I select every one myself, and it is from both in Europe and America that I do get the best ones that reach the Atlantic by sea. 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, 11 1/2 to 15 1/2 hands high. I pay cash for my stock, and you 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.**



**Shorthorns, Tamworths & Yorkshires**  
FOR SALE: Young bulls, cows and heifers (in calf), sired by Pomero Favorite and Knight Templar. Young swine of both breeds and both sexes ready for shipment now. Correspondence answered promptly. **W. G. STYLES, Rosser, Man.** 7 miles north of Rosser, main line C. P. R.

**Home Bank Farm**  
**OF LARGE ENGLISH BERKSHIRES**  
Are still to the front. Some grand sows, bred for the spring trade. Have two fine litters ready to ship about March 15th. Now booking orders. Call or write for prices.  
**Jos. Laidler, Neepawa, Man.**

**YORKSHIRES!**  
Bred sows all sold. Orders taken for spring pigs from large and matured sows. Send your orders in early and have first choice. Price: \$10 each, \$18 a pair. Address:  
**KING BROS., Wawanesa, Man.**

**FOR SALE:**  
**Pure-bred Leicester Rams**  
Prizewinners at Winnipeg Industrial. Will be sold reasonably.  
**DUNCAN SINCLAIR, OAKVILLE, MAN.**

**English Shire Stallions**  
**FOR SALE.**  
We are offering a few choice young stallions combining quality and weight with the most fashionable strains of Shire breeding. We can show you draft horses of great action, weighing nearly a ton, guaranteed first-class foal-getters. Prices and terms reasonable. Address:  
**REID & WEIGHTMAN WEST HALL, MAN.**

**STALLION SALESMEN WANTED.**  
A few reliable and experienced salesmen can hear of a good opportunity to sell draft stallions in Manitoba and the Northwest by sending their full address and references to the ADVOCATE office. None but well-recommended men will be employed. Apply A. B. C., care FARMER'S ADVOCATE, Winnipeg, Man.



# Thompson, Sons & Co.

ESTABLISHED 1883.

GRAIN COMMISSION MERCHANTS.

LICENSED AND BONDED.

WE HANDLE

## Wheat, Oats, Barley and Flax

ON COMMISSION ONLY.

Farmers who ship their grain to Fort William, Port Arthur or Duluth will find it to their advantage to have it sold through us. We obtain best prices, and make prompt returns when grain is sold. Advances made on shipping bills up to 90 per cent. of value. Enquiries re market prices, etc., promptly answered.

P. O. BOX 758.

BANKERS: UNION BANK OF CANADA.  
WRITE FOR TERMS AND SHIPPING INSTRUCTIONS.

WINNIPEG.

### The Manitoba Farmers' Hedge and Wire Fence Company

BRANDON, MANITOBA,

LIMITED.

GROWERS OF NURSERY STOCK SUITABLE FOR WIND-BREAKS, GROVES AND LAWN HEDGES.

On our Spring Park Nursery Grounds, three miles west of Brandon, we have upwards of two millions of plants of different varieties, the finest ever offered to the people of Manitoba.

Those wishing to plant out groves or wind-breaks would do well to examine our stock before placing their orders elsewhere, as our plants are not only of the finest variety, but our prices are below any ever before quoted in the Province of Manitoba.

Thanking the public for their patronage in the past, we are, Yours respectfully,

DUNCAN MCGREGOR, President.

B. D. WALLACE, Sec.-Manager.

#### The Veterinary Association of Manitoba.

Under the authority of Secs. 18, 19, 20, 22 and 26 of the Veterinary Association Act, 1890 (53 Vic., Chap. 60), the following persons only are entitled to practice as Veterinary Surgeons in the Province of Manitoba, or to collect fees for the service rendered as such:—

- Baker, G. P. .... Russell.
- Barry, W. H. .... Cartwright.
- Braund, F. J. .... Wawanesa.
- Brocken, G. E. .... Glan William.
- Clark, J. S. .... Russell.
- Coxe, S. A. .... Brandon.
- Cruikshank, J. G. .... Deloraine.
- Dunbar, W. A. .... Winnipeg.
- Elliott, H. James .... Brandon.
- Fisher, J. E. .... Brandon.
- Frame, R. .... Treherne.
- Golley, J. .... Dauphin.
- Graham, N. .... Birtle.
- Green, E. .... Cypress.
- Harrison, W. .... Alexander.
- Hatton, J. .... Carberry.
- Henderson, W. S. .... Minto.
- Hilliard, W. A. .... Portage la Prairie.
- Hilton, G. .... Winnipeg.
- Himan, W. J. .... Minto.
- Hodgins, J. .... Belmont.
- Hurt, W. N. J. .... Stonewall.
- Irwin, J. J. .... Minto.
- Lake, W. H. .... Soud Lake.
- Lawson, R. .... Winnipeg.
- Little, C. .... Pilot Mound.
- Little, M. .... Boissevain.
- Little, W. .... Minto.
- Livingston, A. M. .... Emerson.
- McFadden, D. H. .... Brandon.
- McGillivray, J. D. .... Brandon.
- McKay, D. H. .... Brandon.
- McLoughry, R. A. .... Minto.
- McMillan, A. .... Oak Lake.
- Martin, W. E. .... Winnipeg.
- Monteith, R. A. .... Killarney.
- Marshall, R. G. .... Griswold.
- Murray, G. P. .... Winnipeg.
- Reid, D. P. .... Hartney.
- Robinson, P. E. .... Emerson.
- Rombough, M. B. .... Minto.
- Roweroff, G. V. .... Crystal City.
- Scurliff, R. D. .... Gladstone.
- Shouls, W. A. .... Carman.
- Smith, W. H. .... Winnipeg.
- Smith, H. D. .... Gilbert Plains.
- Stevenson, C. A. .... Carman.
- Stevenson, J. A. .... Carberry.
- Swenerton, W. .... Portage la Prairie.
- Taylor, W. R. .... Winnipeg.
- Thompson, S. J. .... Winnipeg.
- Torrance, F. .... Killarney.
- Waldon, T. .... Minto.
- Walker, J. St. C. .... Killarney.
- Welch, J. .... Killarney.
- Whaley, H. F. .... Killarney.
- Whitmer, M. A. .... Killarney.
- Williamson, A. E. .... Killarney.
- Young, J. M. .... Killarney.

The practice of the veterinary profession in Manitoba by any other person is a criminal offence under the statute, and renders him liable for prosecution.

F. TORRANCE, REGISTRAR.

PLEASE MENTION FARMER'S ADVOCATE.

#### WANTED! FARMERS' SONS.

Sixteen boys, between the age of 16 and 18 years, to learn the saddlery and harness business. Must be well educated, healthy and strong. References required. Apply to

The Great West Saddlery Co., Ltd.  
WINNIPEG, MANITOBA.

WANTED—MAN WITH FAMILY. SCOTCH OR English man preferred. Exceptional offer to man who understands care and breeding of swine and cattle. Farm, 110 acres. All modern machinery. Will have full charge. Party with small herd of milkers and pure-bred swine preferred.  
H. W. WIGMAN, 312 Ottawa St., LANSING, MICH.

#### NOTICES.

WIRE FENCING.—We recently had a call from Mr. A. P. Knight, of the Lamb Wire Fence Co., in London, Ont. Mr. Knight had come west to look over the country with the object of obtaining for his company a portion of the rapidly-growing trade in woven wire fencing that is springing up, not only among the ranchers, but throughout the farming districts of the West. The Lamb has met with much success in other Provinces and in the States, where it has been in use for a considerable period, and is popular wherever introduced. It is probable an agency will be established in Winnipeg, and the farmers and ranchers of the West be afforded another good woven wire fence to select from.

NEW USE FOR REFINED PARAFFINE WAX.—A new and important use for Refined Paraffine Wax seems to have been discovered by a prominent resident of Ohio living near Lancaster, who had two trees badly damaged by storm, one being a maple and the other an apple. In each case a large limb was broken down from the trunk, but still attached to it. The limbs were propped up and fastened securely with straps, very much as a broken leg might be fastened with splints, and then melted refined wax poured into and over all the cracks. The "surgical operation" was entirely successful. The Paraffine prevented the escape of the sap, kept out the rain and moisture, which would have rotted the trees, prevented the depredations of insects, and the limbs seem thus far to be perfectly re-attached to the trees.

Ask For  
**Ogilvie Oats**

DELICIOUS FLAVOR.  
FREE FROM HULLS.  
WARRANTED PURE.

Put up in all sized packages.

**Ogilvie's  
Hungarian**

AS NOW  
MANUFACTURED

The great FAMILY FLOUR.

Insist on getting "OGILVIE'S," as they are Better than the Best. Have no equal.



#### How About That New Watch?

Haven't thought much about it, have you? We have, and are prepared to please you in any style or price you may desire. Drop in and let us show you. We can and do please the hard-to-please customer. Among the best watches we sell are Waltham, Elgin, Hampden, and our special—the Hamilton. We do only first-class work in our repair department. We have pleased others, why not you? Orders received by mail have our prompt attention. Remember the place.

W. H. MALLETT, Jeweller and Optician, Rosser Ave., Brandon, Man.

OVER 21 YEARS' EXPERIENCE.

ISSUER OF MARRIAGE LICENSES.

All the world's a stage. Elgin Watches are the prompters.

# Elgin Watches

are the world's standard for pocket time-pieces. Sold by every jeweler in the land; guaranteed by the world's greatest watch works. Booklet free.

ELGIN NATIONAL WATCH CO.  
ELGIN, ILLINOIS.

GOSSIP.

Wm. Know is going extensively into beekeeping, near McGregor, Man.

W. J. Miller, Solsgrith, Man., breeder of Herefords, recently sold the bull Strathcona to George McFarlane, Silver Creek.

J. D. McGregor recently shipped 300 head of pure-bred Polled Angus cattle from the ranch south of Oak Lake to his large cattle ranch near Medicine Hat.

While threshing on the farm of Jas. Trayner, of Boggie Creek, north of Regina, the separator belonging to Trayner and Henderson was burnt, also about 2,000 bushels of grain, part of which belonged to Cross and White, on the adjoining farms.

Mr. James Snell, Clinton, Ontario, owing to the destruction of all his barns and crop by fire, will sell at auction, on Oct. 22nd, his entire herd of Shorthorn cattle and flock of Leicester sheep and the five-year-old Clyde stallion, Brave Boy. Catalogues may be had by applying to Mr. Snell as above.

The ninth annual meeting of the American Southdown Breeders' Association was held Tuesday evening, September 9, in the rooms of the Administration Building at the Fair Grounds, Toronto, Canada. There was a good attendance of members of the Association living in Canada, but the representation from the United States was small. The Secretary's and Treasurer's reports show that the Association is in a good financial condition, and that the past year has been one of the best in the history of the Association. Officers were elected as follows: President, John Jackson, Abingdon, Ont., Can.; Secretary, Frank S. Springer, Springfield, Ill.; Treasurer, H. H. Devereau, Springfield, Ill.; Directors—George McKerrow, Sussex, Wis.; George Telfer, Paris, Ont., Can.; and George T. Stearns, Palmyra, N. Y.

A NEW RANCHING COMPANY.

A new company, for which a charter has been obtained, has been formed for the purpose of carrying on a general ranching business in the Northwest Territories, under the title of the Great West Ranching Company Limited, with head offices at Indian Head. The capital of the company is \$100,000, divided into 10,000 shares of \$10 each. At a meeting lately held, the provisional directors and officers were appointed, a prospectus and by-laws framed and stock books opened, with a subscription of \$3,000 at the close of the meeting. The officers are: Maurice J. Gleason, Regina, president; George M. Gordon, Indian Head, vice-president; John J. Demert, Indian Head, and William Owens, Mount Forest, Ont., directors; John F. Demert secretary-treasurer; Harry Willson, assistant secretary; Bank of Hamilton, Indian Head, bankers.

CALIFORNIA'S IMPORTED CLYDE PALE AND STEEL STALLIONS.

Attention is directed to the enlarged catalogue of the new importation of Clydesdale stallions, belonging to the California Stallion Co., now at Elgin, Ill. The catalogue is a large and complete one, and contains the names and pedigrees of the stallions, and also the names and pedigrees of the mares. The catalogue is well illustrated, and is a most valuable one for the farmer. It is well worth a look, and is well worth a purchase. The catalogue is for sale at the price of \$1.00 per copy, and is well worth a purchase. The catalogue is for sale at the price of \$1.00 per copy, and is well worth a purchase.

Pave the way to victory by investigating the merit of Chambers' Barred Rocks. They are always among the winners at the leading shows. Also Buff Rocks (Nugget strain), B Hamburgs, and S. C. B. Leehorns. Eggs, \$2 for 13; \$4 for 30. Thos. H. Chambers, Brandon, Man.

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Auction Sales Pure-bred Swine

Will be held under the auspices of the Territorial Department of Agriculture at the following points on the undermentioned dates:

Regina, .....	Saturday, Oct. 18
Saskatoon, .....	Tuesday, " 21
Rosthern, .....	Thursday, " 23
Prince Albert, .....	Saturday, " 25
Mosonin, .....	Saturday, " 18
Whitewood, .....	Monday, " 20
Greenfield, .....	Tuesday, " 21
Walseley, .....	Wedn'y, " 22
On Appleton, .....	Thursday, " 23
Moose Jaw, .....	Friday, " 24
Maple Creek, .....	Monday, " 27
Medicine Hat, .....	Tuesday, " 28
Lethbridge, .....	Thursday, " 30
Macleod, .....	Saturday, Nov. 1
Pimber Creek, .....	Monday, " 3

All Sales Commence at 1 p. m. Sharp. Swine and boars, eligible to registration, of the Hampshire and Berkshire breeds, old enough to produce next spring, will be offered for sale to the highest bidder. Each animal will be accompanied by breed certificate, and can be registered upon payment of \$1.00 per head. Only a limited number will be offered at each point, and every effort will be made to have them in such a manner that the lot offered at the point will be quite equal in quality to those sold elsewhere.

CHAS. W. PETERSON, District Commissioner, Department of Agriculture, Northwest Government Building, Regina, Sept. 1, 1901.

BOOK REVIEW.

Any book reviewed in this department may be ordered through this office, at the price stated.

The 24th volume of the Clydesdale Studbook of Great Britain has just come to hand. It contains pedigrees of stallions from Nos. 11,235 to 11,579, and mares from 14,462 to 14,907.

The 1901 Yearbook of the United States Department of Agriculture has come to hand. It is a large volume of over 800 pages, covering a wide range of subjects and illustrated profusely with splendid engravings and colored plates. The chapters on the sugar beet industry, roads, irrigation, study of plant breeding and many others are of special interest. The appendix contains a vast amount of valuable information in condensed form, tabulated.

Volume XIII, for 1901 of the English Jersey Herdbook has been received. It contains the pedigrees of bulls from 7,080 to 7,404, the births in the herds of members of the society, and the pedigrees of 1,173 cows. In addition, the prizewinners at the principal shows and butter test awards, reports of important auction sales and much other useful information regarding the breed.

Through the kind courtesy of Secretary Chas. F. Martin, we have on our bookshelves a handsome bound volume containing the proceedings of the 5th annual convention of the National Live-stock Association, which was held in Chicago last December. The volume is one of some 600 pages, and contains a full account of the proceedings of the convention, with the secretary's report and financial statements; the resolutions that were submitted and the discussions thereon, etc., and reports of a large number of valuable addresses delivered at the convention. Excellent half-tone engravings of the officers and principal speakers are also given.

NOTICES.

THE J. Y. GRIFFIN CO., pork packers, of Winnipeg, and Nelson, have decided to establish a factory at Calgary.

THE STEELE BRIGGS SEED CO., Ltd., of Toronto, have bought out the business formerly run by Perkins & Co., in Winnipeg. E. P. Cressland has been appointed manager of the business in Winnipeg.

THE MILWAUKEE HARVESTER—H. Donaldson, Winnipeg, has been appointed general manager for the Province of Manitoba, of the Milwaukee Harvester Co., which has been granted a license to carry on business in the Province. Mr. Donaldson is the general agent of the McCormick Harvester Co., which is known as the McCormick division of the International Harvester Co.

A NEW COMPANY has recently been gazetted, known as the Canadian Midland Linsed Co., with headquarters at Winnipeg. The capital stock of the company is \$500,000. The applicants for incorporation are: E. C. Warner, president of the Midland Linsed Co., of Minneapolis; S. T. McKnight, G. E. Piper, G. C. Cristian, all of Minneapolis, and W. D. Douglas, of Cedar Rapids, Iowa.

THE JEWEL NURSERY CO., of Lake City, Minnesota, announce that they have decided to make a full delivery of nursery stock in Manitoba and N.W. T. this year. Owing to the San Jose Scale Act, all stock imported from the United States has to be inspected and fumigated at Winnipeg. This nursery is one of the largest in the Northwest, their grounds occupying about 1,000 acres. Many of our local horticulturists who have dealt with this firm in the past speak in praise of the hardy quality of the stock supplied by them.

BLACKLEG is highly probable that there will be a good deal of blackleg this fall, as there are a number of spring calves that are in good condition and the pasture is good. It is a well-known fact that calves in good condition are much more likely to have blackleg than if they are poor, as in times of drought. Therefore, the prudent gentleman will vaccinate his calves and protect them against blackleg. It is important to make a vaccination in the vaccine, and the vaccine that has stood the test of time, that introduced by the Pasture Vaccine Co. of Waukegan, Ill. Blackleg is a deadly disease, and is sold, each dose is 1 cent, and is as easy as possible to use. The vaccine is in the form of a small, round, white, round, and is very easy to use. Blackleg is a deadly disease, and is sold, each dose is 1 cent, and is as easy as possible to use. The vaccine is in the form of a small, round, white, round, and is very easy to use.



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blue black Ink Powder and securing a few more agents for us. Each package makes five 5c. bottles (25c. worth) of superior ink. It is so cheap and useful that everybody buys. This handsome watch has polished silver nickel open face case, the back elaborately engraved, with keyless wind impervious works, genuine lever escapement, an exact and reliable timekeeper. With care it will last ten years. Write today and we will send the 10 packages postpaid. You can sell them and earn this watch in a few minutes. Western Ink Co., Dept. F. T. Toronto.

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When an animal is all run down, has a rough coat and a tight hide, anyone knows that his blood is out of order. To keep an animal economically he must be in good health.

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Prize List, Toronto Exhibition, 1902.

HORSES.

THOROUGHBREDS.—(Judge—C. J. Enright, Lexington, Ky.)—Stallion, 4 years old and upwards—1 Robt Davies, Toronto (Kapanga Colt); 2 Wm Hendrie, Hamilton (Derwentwater, imp.); 3 S P Thompson, Woodstock (Dogtown). Stallion, 4 years old and upwards, best calculated to produce hunters and saddle horses—1 Quinn Bros., Brampton (Woodburn); 2 Mossip & Waugh, Thorndale (Temple). Stallion, 3 years old—1 W J Thompson, Hamilton (Dunrobin 20923); 2 Thos E Brandon, Toronto (Oceanic). Stallion, 2 years old—John Brennan, Toronto (Jack Britt); 2 Jas Reesor, Cannington (John Festival). Stallion, 1 year old—1 J Gordon Barbour, Toronto (Bill of the Play); 2 Milton Strong, Willowdale (Joseph Festival). Stallion any age—1 R Davies (Kapanga Colt). Filly, 3 years old—1 Arthur A Reinhardt, Toronto (Anticosti 20926); 2 Patterson Bros., Coleman (Golden Crest); 3 B J Brandon, Toronto (Lady-smith 2nd). Filly, 2 years old—1 Wm Hendrie, Hamilton (Love Token); 2 Robt Davies (Centre Star); 3 Claughton & Ward, Utica (Maud Miller). Filly, 1 year old—1 Robt Davies; 2 Wm Hendrie (Fire Water); 3 Robt Davies (Loupania 2992). Brood mare, with foal of the same breed by her side—1 Wm Hendrie (Spark); 2 Robt Davies, (Thistle); 3 Robt Davies (Zeal 1893). Foal of 1902—1 Robt Davies (Scotch Cap); 2 R. Davies, (Capercaillie); 3 Wm Hendrie. Best mare any age—1 Wm Hendrie (Love Token).

ROADSTERS.—(Judges—Geo. D. McCormick, London; J. F. Quinn, V. S., Brampton; John Harris, Woodbridge.)—Stallion, 4 years old and upwards, not less than 15 hands—1 A C McMillan, Erin (Ren Wilkes 14935); 2 Graham, Paxton & Callicott, Port Perry (Penville Boy 24885); 3 G W Wangs, Round Plains (Joe Chamberlain); 4 H R Dymont, Dundas (Perfection). Stallion, 3 years old—1 Claughton & Ward (Giltler); 2 Wm G Ellis, Bedford Park (Knockaloe); 3 Aleck Clarke, Brinston's Corners (Alcone). Stallion, 2 years old—1 Moses R Hemingway, Unionville (Deacon Junior); 2 Frank Forest, M. D., Uxbridge; 3 Hodgkinson & Tisdale, Beaverton (Reflection). Stallion, 1 year old—1 M E Mitchell, Brampton (Gold Leaf); 2 Miss K L Wilkes, Galt (Rex); 3 H N Crossley, Rosseau (Royalty); 4 Fuller Bros., Norval (Golden Crown 2nd). Stallion any age—A. C. McMillan (Ren Wilkes). Filly, 3 years old—Boucher Bros., Huttonville (Flossie); 2 G. W. Curtis, Lindsay (Nellie Keswick); 3 John Morrell, Marden (Topsy). Filly, 2 years old—1 David J Adams, Port Perry (Kate); 2 Boucher Bros. (Mabel); 3 Alex MacLaren, Buckingham. Filly, 1 year old—Morris & Wellington, Fonthill (Gold Dust); 2 J H Dickinson, North Glanford (Rosewood). Brood mare, with foal of the same breed by her side—1 Geo. T. Elder, Elder's Mills (Miss McCarthy); 2 Dr. B Gollop, Milton West (Kate Black); 3 Albert McCutcheon, Ospringe (Maud); 4 W T Tilt, Jerry West (Ida Hamilton). Foal of 1902—1 Fuller Bros., Norval (Fanny); 2 W T Tilt (Pansy Blossom); 3 Geo T Elder (Queen). Best Roadster mare—J. A. Kelly (Jessie McLaughlin).

STANDARD-BRED TROTTERS.—Stallion, 4 years old and upwards—1 Alex MacLaren (Larabie the Great 30345); 2 T Caster, Uxbridge (Egward 29163); 3 Colin McKeigan, Strathroy (Lord of Manor 23216). Stallion, 3 years old—1 John Palmer, Richmond Hill (Wild Billy); 2 W H Riddell, V. S., Orangeville (The Bison 36013); 3 Alex MacLaren (Naroclan 33806). Stallion, 2 years old—1 John Tweedie, Papineauville; 2 G W Kennedy, Ilderton (Sir Casimir 34843); 3 Alex Wheeler, Toronto (Scrap 34696). Stallion, 1 year old—1 Nat-trass, Millbrook (Chiffon N.); 2 J S Cole, Woodstock (Wildwood Brino); 3 Alex MacLaren (Larabie Chief). Stallion, any age—(Larabie the Great). Filly, 3 years old—1 W A Collins, Hamilton (Mary Scott); 2 Milton Strong, Willowdale (Minnie Ada); 3 G W Kennedy (Princess K). Filly, 2 years old—1 T L Martin, Binbrook; 2 A F Hillock, Brampton (Hickory May); 3 J E Cornell, Toronto (Deborah). Brood mare, with foal of same breed by her side—1 Jas Tovell, Guelph (Leora Wright); 2 Miss K L Wilkes, Galt (Ora Fino); 3 Robt Davies (Belle of Chester). Foal of 1902—1 Geo W Kennedy (Duchess K); 2 Robt Davies (Earl of Chester); 3 Miss K L Wilkes (Aradell). Mare, any age—1 Alex MacLaren, Buckingham (Eagle Bess).

CARRIAGE AND COACH HORSES.—(Judges—Geo B Hulme, New York; R Gibson, Delaware.)—Stallion, 4 years old and upwards, 16 hands and over—1 Bawden & McDonnell, Exeter (Clerkenwell); 2 J L Reid, Derry West (Lord Roberts); 3 J N Scott, Milton (Performer). Stallion, 3 years old—1 J L Reid (General Buller); 2 John Robinson (Erie). Stallion, 2 years old—1 J L Reid (Lord Kitchener); 2 R T Wood, Etobicoke (Davy Candidate); 3 Frank Forest, M D. (Uxbridge). Stallion, any age—Bawden & McDonnell (Clerkenwell). Filly, 3 years

old—1 Crow & Murray, Toronto (Diana); 2 Slack & Hendrie, St Mary's (Topsy); 3 John McArthur, Erie (Polly); 4 Hodgkinson & Tisdale, Beaverton (Nellie). Filly, 2 years old—1 David Mulholland, Bedford Park (Bessie); 2 A F Hillock, Brampton (Lucy); 3 W N Scott, Milton (Beauty). Filly, 1 year old—1 W N Scott (Maud); 2 Geo Castle, Milton (G Castle); 3 W C Brown, Meadowvale (Jessie). Brood mare, 16 hands and over, with foal of same breed by her side—1 J W Bessey, Georgetown (Florey K); 2 G A Bennett & Sons, Carlisle (Nellie); 3 W C Brown (Princess Royal). Foal of 1902—1 J W Bessey (Lady Lugton); 2 Miss K L Wilkes (Basilwood); 3 J L Reid (King Edward VII).

HACKNEYS.—(Judges—Geo B Hulme, New York, and Richard Gibson, Delaware.)—Stallion, four years old and upwards—1 Bawden & McDonnell (Connaught's Heir (imp) 116); 2 Graham Bros, Claremont (Attraction); 3 Bawden & McDonnell (Buller, imp). Stallion, 3 years old—1 Robt Ness, Howick, Que. (Bally Garton); 2 Hastings Bros, Crosshill (Guelph Performer 89). Stallion, 2 years old—1 Robt Davies (Thorncliffe Performer); 2 Graham Bros (All Fours); 3 Graham Bros (Lord Brilliant). Stallion, 1 year old—1 T A Cox, Brantford (Jubilee Performer); 2 Graham Bros (Storm King). Sweepstakes stallion, any age—Bawden & McDonnell's Connaught's Heir. Filly, 2 years old—1 H N Crossley, Rosseau, Que (Queen of the Party). Brood mare, with foal of the same breed by her side—1 H N Crossley (Althorpe Countess); 2 Robt Davies, Toronto (Danish Lady); 3 Graham Bros, Claremont (Beautiful Nell). Foal of 1902—1 Robt Davies (Squire of Chester); 2 H N Crossley (Rickell's Heiress); 3 Graham Bros (Leading Lady). Mare any age—H N Crossley, Rosseau (Queen of the Party).

CLYDESDALES.—Stallion, 4 years old and upwards—1 Richmond Hill Horse Breeders' Association (Young MacQueen); 2 Graham Bros (Burnbrae); 3 Wm Colquhoun, Mitchell (Peerless); 4 Geo Clayton, Stouffville (Scottish Celt). Stallion, 3 years old—1 Wm Colquhoun (Prince Fragrant, imp); 2 Graham Bros (Bucephalus, imp); 3 T Rafter, Jr, Arthur (Canada's Pride, imp); 4 Robt Ness (Laurentian 2954). Stallion, 2 years old—1 Dalgety Bros, London (Fidelity (imp)); 2 Dalgety Bros (Mosstrooper Champion (imp)); 3 Bawden & McDonnell (Golden Chariot). Stallion, 1 year old—1 John W Cowie, Markham (Alexander MacQueen); 2 Robert Davies (Brave Washop); 3 John Miller & Sons, Brougham (Royal Charger). Stallion, any age—Young MacQueen. Filly, 3 years old—1 R Davies (Nelly Lynedoch). Filly, 2 years old—1 Hodgkinson & Tisdale, Beaverton (Royal Queen); 2 Bawden & McDonnell (Golden Chariot). Stallion, 1 year old—1 John W Cowie, Markham (Truth (2604). Foal of 1902—1 Hodgkinson & Tisdale (Helen MacQueen); 2 John Cowie (Scotland's Glory); 3 Robt Davies (Belle Troon). Mare with two of her progeny—Hodgkinson & Tisdale. Best mate, any age—Graham Bros.

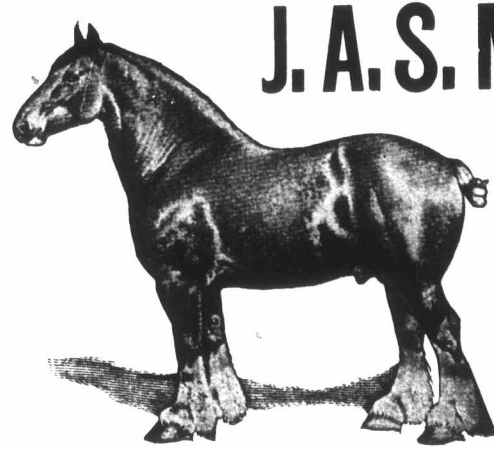
ENGLISH SHIRES.—(Judges—John Bright, Myrtle, and J T Gibson, Denfield.)—Stallion, 4 years old and upwards—1 Bawden & McDonnell (Belshazzar (imp). Stallion, 3 years old—1 J M Gardhouse (Newham Duke (imp); 2 E A King, Crediton (Milo 2nd). Stallion, 2 years old—1 Morris & Wellington, Fonthill (Bank Statesman (imp) (352); 2 Jas & Ed Chinnick, Chatham (Baron Kitchener (356); 3 Bawden & McDonnell (April Fool (imp). Stallion, 1 year old—1 Morris & Wellington (General Favorite (imp); 2 Morris & Wellington (Coronation (imp); 3 H A Gardhouse (What's Wanted). Best stallion, any age—J M Gardhouse (Newham Duke). Filly, 3 years old—1 Morris & Wellington (Rose). Filly, 2 years old—1 Morris & Wellington (Moulton Marianne (imp) (164); 2 Morris & Wellington (Bredie). Filly, 1 year old—1 Morris & Wellington (Lancashire Lass). Brood mare, with foal of same breed by her side—1 J M Gardhouse (Laura); 2 Morris & Wellington (Leila); 3 S C Wood (Nelly Bay 122). Foal of 1902—1 Morris & Wellington (Bella Marr 166); 2 S C Wood (Blaisdon Boy—not recorded); 3 John Gardhouse (Pride of Highfield). Mare, with two of her progeny—S C Wood, Hensall. Best mare any age—Jno Gardhouse, Highfield (Laura).

HEAVY DRAFT.—(Judges—E W Charlton, Dunferlin; Peter Christie, Manchester.)—Stallion, 4 years old and upwards—1 I Devitt & Son, Freeman (Nickel Steel). Stallion, 3 years old—1 Graham Bros, (Baron Lyndon); 2 D McPhaden, Crosswell (Grand Chance); 3 John Miller & Sons (Black Diamond). Stallion, 2 years old—1 R C Grandy, Springville (McKinley); 2 John Miller & Sons (Royal MacQueen); 3 Graham Bros (Earl of Erie). Stallion, 1 year old—1 Morris & Wellington (Vulcan Jr); 2 G Davison (Cherrywood MacCara); 3 John W Cowie (MacQueen 2nd). Gelding or mare, 4 years old or over—1 Graham Bros (King Rose); 2 D A Murray, Bennington (Lucknow); 3 D A Murray (McKillop). Stallion, any age—R C Grandy (Springville (McKinley). Filly, 3 years old—1 Hodgkinson & Tisdale (Royal Clara 2855); 2 Andrew Aitchison, Guelph (Queen Bess); 3 Andrew Aitchison (Pess). Filly, 2 years old—1 John Vinord, Brooklin (Maud); 2 Hodgkinson & Tisdale (Royal Bell 2816); 3 Colin Cameron, Etobicoke (Jessie James). Filly, 1 year old—1 Hodgkinson & Tis-

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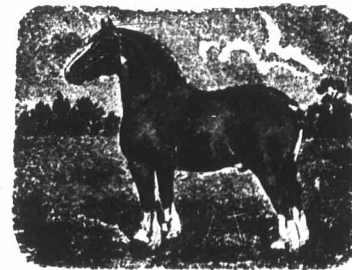
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Alex. Galbraith, Proprietor, Janesville, Wis.

dale (Early Elsie 3451); 2 Colin Cameron (Nancy Gordon); 3 Bawden & McDonnell (Fanny). Brood mare with foal of the same breed by her side—1 Arthur Sheard, Milton (Maud); 2 A G H Luxton, Milton West (Maud); 3 W N Scott, Milton. Filly or gelding, 3 years old—1 J L Clark, Norval (Twinkle); 2 W A Scott, Milton (Bess); 3 J L Clark (Kruger 2nd). Filly or gelding, 2 years old—1 W N Scott (Major); 2 Jessie

(Continued on next page)

PRIZE LIST, TORONTO EXHIBITION

Notersill, Alia (Flossy); 3 J L Clark (Delia P.); Filly of grade, 1 year old—1 Wm Wood, Elder's Mills (Alexander F.); Brood mare, with foal by her side—1 Geo Castle, Milton; 2 M Harrison & Son, Brampton (Nettie); 3 Fuller Bros., Norval (Hazel); Foal of 1902—1 M Harrison & Son (Bonnie); 2 Geo Castle; 3 Boucher Bros. (Laddie). Best mare, any age—Geo Castle, Milton. ROADSTERS.—(Judges—Geo. McCornack, London; Dr. Quinn, Brampton; John Harris, Woodbridge.)—Single gelding or mare, over 15 1/2 hands—1 A Yeager, Simcoe (Derby Lowland); 2 Miss K L Wilkes (Vicar); 3 W W Hamilton, Sutherland (Tommy Atkins); 4 M E Mitchell, Brampton (Nellie Goldleaf). Gelding or mare, 15 1/2 hands and under—1 J A Kelly, Listowel (Jessie McLaughlin); 2 H R Tudhope, Toronto (Northern Queen); 3 F W Baillie, Toronto (Frank); 4 Miss K L Wilkes (Lady Creseus). Pair of matched Roadsters, geldings or mares, over 15 1/2 hands—1 Harris & Reynolds, Oakville; 2 Duncan McPherson, Galt; 3 Miss K L Wilkes; 4 Thos A Farr, Thistle-down. Pair gelding or mares, 15 1/2 hands and under—1 F W Baillie, Toronto; 2 John D McGibbon, Milton; 3 E D Frazer & H R Tudhope, Toronto; 4 John Watson, Listowel. Single mares, gelding or mare, 15 hands and over—1 Thos M Lee, Toronto (Montenegro); 2 Thos G Johnston, Listowel (Alma); 3 Geo Moore, Waterloo (Harry); 4 Geo Curtis, Lindsay (Minnie Keswick). STANDARD-BREDS.—(Judge—T Hodgson, V. S., Toronto.)—Single horse, gelding or mare—1 J A Kelly, Listowel (Jessie McLaughlin); 2 Miss K L Wilkes (Election); 3 Miss K L Wilkes (Lady Creseus); 4 W A Collins, Hamilton (Jennie Scott). Pair horses, geldings or mares—1 Miss K L Wilkes; 2 W A Collins, Hamilton; 3 A F Hillock. CARRIAGE OR COACH.—(Judges—Geo B Hulme, New York; R Gibson, Delaware.)—Single horse, gelding or mare, not less than 16 hands—1 Geo Pepper, Toronto; 2 W A Lawrence, Milton (The Banker); 3 Crow & Murray, Toronto; 4 P. Maher, Toronto (Performer). Single horse, gelding or mare, 15 1/2 hands—1 Geo Pepper; 2 John McDonald (Jeffrey); 3 Crow & Murray (Sunrise). Pair of matched horses, geldings or mares, not less than 16 hands—1 Geo R Head, Guelph (Mapleridge Swell); 2 Crow & Murray (Intender); 3 Geo Pepper; 4 W A Lawrence (The Widow). Pair matched horses, not less than 15 1/2 and under 16 hands—1 Allan S Chisholm, Oakville (Perry and Galt); 2 P Maher, Toronto (Duke and Lord McGregor); 3 Geo Gooderham (Mohawk and War Eagle); 4 Derby Stock Farm, Simcoe. HEAVY DRAFT TEAM (geldings or mares, any breed).—1 Graham Bros., (Moss Rose and King Rose); 2 Wm Hendrie (Douglas and British Oak); 3 D A Murray, Bennington (Lucknow and McKillop); 4 John Garthouse (Laura and Violet). Judges—E W Charlton, Dun-creef; Peter Christie, Manchester. General Purpose Matched Team (geldings or mares, in harness).—1 Geo Pepper; 2 W A Boos, Orangeville (Scamp and Scamper); 3 H N Scott (Polly and Dick). Saddle Horse (gelding or mare, suitable for carrying from 150 up to 180 pounds).—1 Geo Pepper (Blue Boy); 2 Adam Beck, London (Queen Gold); 3 A S Chisholm (Black Knight); 4 Adam Beck (Hardy). Judges—D H Charles, Peterboro; Col. Mead, Toronto. Saddle Horse (gelding or mare, suitable for carrying over 180 pounds).—1 Adam Beck (Irish Bob); 2 John Lloyd-Jones, Burford (Windham); 3 Geo Pepper (Rupert); 4 Kidd Bros., Listowel (Duchess). Ladies' Saddle Horses.—1 Geo Pepper (Blue Boy); 2 Adam Beck (Hardy); 3 W N Tape (Lily); 4 Geo Pepper (Lily). Three-year-old Filly or gelding (not Thoroughbred, but sired by a Thoroughbred horse, likely to make a good hunter or saddle horse).—1 R D Arthurs, Brampton (Woodbarn Lad); 2 O Duncombe, Waterford (Fox); 3 Crow & Murray (Lady Goldstein). Two-year-old.—1 A F Hillock, Brampton; 2 Edwin I Campbell, Toronto (Phleamaroo); 3 Andrew Aitchison, Guelph (Topsy). Barbic Riding on horses which have never won public money in a race, owned and ridden by farmers or farmers' sons, residents of Canada.—1 Frank C Ward (Woodhill); 2 J Lloyd-Jones; 3 Claughton & Ward. Best Boy Rider, under 14 years of age, on pony under 14 hands.—1 R K Hodgson, Toronto (Minnie); 2 Harold Campbell, Toronto; 3 Ralph Jenkins, Todd-morden (Filly-fo). Judges—Dr. D K Smith; G J Brodie. Best Steer (Carcass, including head and horns).—1 F W Phillips, Oakville (Black Warrior); 2 Wm R Stewart, Lucasville (Seots); 3 Wm H Washington (Laird of Tweed-Ed). Bull, 2 years old.—1 John Richards, Balford, P E I (Pradamere). Bull, one year old.—1 and champion, John Richards (Vobdyoski); 2 F W Phillips (Laird of Walthrough); 3 J J Bowman (Elm Park Kyma 10th); 4 J J Bowman (Elm Park Belle 6th); 5 J J Bowman (Elm Park Belle 5th); 6 J J Bowman (Elm Park Kyma 11th); 7 J J Bowman (Elm Park Belle 6th); 8 J J Bowman (Elm Park Belle 5th); 9 J J Bowman (Elm Park Kyma 13th). Herd, consisting of one bull and four females over 1 year old, owned by exhibitor.—1 J Richards; 2 Walter Hall; 3 W R Stewart. GALLOWAYS.—(Judges—Messrs. Green and Miller.)—Bull, 3 years old and upwards.—1 and champion, D McCrae, Guelph (Cedric 4th of Tarbreoch); 2 Shaw & Marston, Brantford (Viceroy of Shaw & Marston); 3 D McCrae (Royal Ensign); 4 D McCrae (Royal Ensign); 5 Shaw & Marston (Duke of York). Bull calf, under 1 year.—1 D McCrae (Fassifern); 2 D McCrae (Saladin); 3 Shaw & Marston (Allwyn). Cow, 4 years old and upwards.—1 D McCrae (Polly of Garfield); 2 D McCrae (Bell of Marston (Gem Humphrey)); 3 Shaw & Marston (3rd of Drumharry); 4 Shaw & Marston (Flora McErin 2nd); 5 Shaw & Marston (Semiramis 36th). Heifer, 2 year old.—1 and champion, D McCrae (Nellie 12th of Lockenkit); 2 D McCrae (Grisel 2nd of Lockenkit); 3 Shaw & Marston (Bella 2nd). Heifer, 1 year old.—1 D McCrae (Jean 2nd of Kilquhanity); 2 D McCrae (Molly of Kilquhanity); 3 Shaw & Marston (Wisconsin); 4 Charleris. Heifer calf, under 1 year.—1 D McCrae (Maid of Marston); 2 D McCrae (Fairy Rose); 3 Shaw & Marston (Mariel). Herd consisting of one bull and four females over 1 year old, owned by exhibitor.—1 D McCrae; 2 Shaw & Marston; 3 D McCrae. AYRSHIRES.—(Judges—Alfred Kains-Byron; A Yuill, Carleton Place, and J H Douglas, Warkworth.)—Bull, 3 years old and upwards.—1 and champion, W W Ogilvie, Lachine Rapids, Que (Douglasdale); 2 W Stewart & Son, Menie (Hover-a-Blink); 3 A Hume & Co., Menie (Prince of Barcheskie); 4 W W Ogilvie (Black Prince of Whitehill). Bull, 2 years old.—1 R Reford, St. Anne's (Bellevue (Stirling Boy of St. Annes)); 2 Stewart & Son (Lord Roberts); 3 Mrs. W E H Massey, Toronto (A of Dentonia). Bull, 1 year old.—1 R Reford (Glenlea of St. Annes); 2 R Reid & Co. (Hintonburg, (Tom)); 3 N Dymont, Clappison's (Dairyman of Glenora); 4 A Hume (King Edward). Bull calf, under 1 year.—1 R Reid & Co (Maple Cliff Cuck-a-bendie); 2 R Reford (Glencairn's Style of St. Annes); 3 W W Ogilvie (First Choice of Glenora); 4 R H Henderson, Rockton (Silver Dollar). Bull calf, calved after Feb. 1, 1902.—1 R Reid & Co (Maple Cliff Comrade); 2 W Stewart & Son (Hover's Heir of Menie); 3 A Hume & Co (Choice Goods); 4 A Hume & Co (Shiner). Cow, 4 years old and upwards.—1 and champion, W W Ogilvie (Minnie of Lessnessock); 2 Robert Reford (Betsy 1st of Fairfield Mains); 3 W W Ogilvie (White Rose of Barmoorhill); 4 Wm Stewart & Son (Lady Ottawa). Cow, 3 years old.—1 R Reford (Lady Grace of St. Annes); 2 Robert Reford (Molena of St. Annes); 3 W W Ogilvie (Stately 9th of Muir); 4 W Stewart & Son (Annie Laurie 4th). Cow, in calf, any age.—1 N Dymont (Nellie Gray); 2 W W Ogilvie (Georgina 2nd of Wynholm); 3 W W Ogilvie (Miss Ida of Garlaff); 4 Mrs. W E H Massey (Lady Stirling 3rd). Heifer, 2 years old.—1 Mrs. W E H Massey (Lost Chord of Dentonia); 2 N D Liddicoat (Snowdrift); 3 Robert Reford (Grace Darling of St. Annes); 4 A Hume & Co (Highland Lass). Heifer, 1 year old, out of milk.—1 W Stewart & Son (Bessie of Warkworth); 2 W W Ogilvie (Lady Peatrice of Glenora); 3 W W Ogilvie (Bright Lady of Glenora); 4 W Ogilvie (Princess May of Glenora). Heifer calf under 1 year old.—1 W W Ogilvie (Lady Grace of Glenora); 2 Mrs. W E H Massey (Stirling Silver of Dentonia); 3 W Stewart & Son (Ethel Mary Stewart); 4 W W Ogilvie (Lady Osborne of Glenora). Heifer calf calved after the 1st of Feb., 1902.—1 A Hume & Co (Ladies' Princess of Menie); 2 W W Ogilvie (Lady Eileen of Glenora); 3 A Hume & Co (Hope of Menie); 4 N Dymont (Little Jean of Hickory Hill). Four animals, the progeny of one bull, all bred by exhibitor.—1 W W Ogilvie (Comrade of Garlaff); 2 Robert Reford (Napoleon of Auchenbrain); 3 A Hume & Co (White Chief of St. Annes); 4 Robert Reford. Herd, consisting of one bull and three heifers, under two years old, heifers bred by exhibitor.—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. Herd, consisting of one bull, any age, two females over 3 years old, one female over two and under three, one female over one and under two, and one female under 1 year.—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. JERSEYS.—(Judges—H G Clark, Norval, and R Reid, Berlin.)—Bull, 3 years old and upwards.—1 and champion, Mrs. W E H Massey (Island Lad of Dentonia); 2 B H Bull & Son, Belvoir King). Bull, 2 years old.—1 D G & J G Hamner (Stoke Pops 5th); 2 B H Bull & Son (Rex). Bull, 1 year old.—1 Mrs. W E H Massey (Arthur's Golden Fox); 2 B H Bull & Son (Brampton Monarch's Duke); 3 Bull & Son (Brampton Lucas); 4 Bull & Son (Brampton Hero). Bull calf, under 1 year.—1 Mrs. Massey (Dentonia's Right In It); 2 Bull & Son (Monarch's Gent); 3 Bull & Son (Flossy Monarch); 4 Mrs. Massey (Fair Jack). Bull calf, calved after Feb. 1, 1902.—1 B H Bull & Son (Monarch's Hero); 2 Bull & Son (Monarch's Boy); 4 Mrs. Massey (Sven-gall). Cow, 4 years old and upwards.—1

CATTLE.

SHORTHORNS.—(Judges—W G Pettit, Freeman, and Arthur Johnston, Greenwood.)—Bull, four years old and upwards.—1 J A Crerar, Shakespeare (Capt Mayfly (imp.); 2 Geo D Fletcher, Binkham (Spicy Robin); 3 A J Watson, Castlederg (Admiral of Castlederg). Bull, three years old and under—1 W Holmes, Amherst, N. S. (Pirate Chief); 2 G H Oke, Alvinston (Royal Sailor Second). Bull, two years old and under—1 and senior champion, W D Flatt, Hamilton (Spicy Marquis (imp.); 2 Eastwood Bros., New Toronto (Hillcrest Hero); 3 McDonald Bros., Woodstock (Keith Baron (imp.). Bull, calved before February 1st, 1901, and under two years.—1 Goodfellow Bros., Mucville (Shining Light); 2 Geo A Drummond, Point Claire, Que (Cicely's Pride (imp.); 3 W D Flatt (Republican (imp.). Bull, calved on or after February 1st, 1901, and before February 1st, 1902.—1 and junior champion, Daniel Talbot & Son, Everton (Lord Chesterfield); 2 W D Flatt (Banff's Champion); 3 J & W B Watt, Salem (Coming Star). Bull, calved before February 1st, 1902, and under one year.—1 Israel Groff, Alma (Crimson Hero); 2 W D Flatt, Hamilton (Invincible); 4 J & W McDonald Bros. (Royal Victor 2nd); 5 J & W Watt (Royal Matchless). Bull, calved on or after February 1st, 1902.—1 T E Robson, Ilderton (Prairie Prince); 2 A J Watson (Wellington); 3 Jas Rennie, Wick (Crimson Valasco); 4 McDonald Bros (Beau Ideal); 5 Jas A Crerar (Captain May). Cow, 4 years old and over.—1 and senior champion, W D Flatt, Hamilton (Crimson Fuchsia 13th); 2 J and W B Watt (English Lady 12th); 3 J A Crerar, Shakespeare (Gem of Ballechin). Cows, 3 years old and under 4.—1 W D Flatt (Duchess of Sanguhar 3rd); 2 Goodfellow Bros. (Water Cress (imp.); 3 J. A. Crerar (Ballechin Daisy 2nd). Heifer, 2 years old and under 3.—1 J A Crerar (Gem of Ballechin 2nd); 2 W D Flatt (British Lady); 3 W D Flatt (Rose Daisy); 4 W D Flatt (Kirklevington's Bloom). Heifer, calved before Feb. 1st, 1901, and under 2 years.—1 T E Robson (Topman's Queen); 2 J & W B Watt (English Lady 16th); 3 J & W B Watt (Matchless 28th); 4 W D Flatt (Heather Blossom 2nd). Heifer, calved on Feb. 1st, 1901, and before February 1st, 1902.—1 and junior champion, Goodfellow Bros. (Water Lily); 2 W C Edwards & Co., Rockland (Lily of Pine Grove 2nd); 3 W D Flatt (Cicely 2nd); 4 T E Robson (Nelly Buckingham). Heifer calf, calved before Feb. 1st, 1902.—1 T E Robson (Fair Queen); 2 W D Flatt (Lady Win-some); 3 W D Flatt (Lady Bann); 4 T E Robson (Bella's Gem); 5 J & W B Watt (Victoria Stamford). Heifer calf, calved on or after Feb. 1st, 1902.—1 Goodfellow Bros (Mamie Stamford); 2 W C Edwards & Co (Zoe of Pine Grove); 3 Jas Rennie (Dandy Crimson Flower); 4 Geo D Fletcher (Mysie 42nd). Four calves, bred and owned by exhibitor.—1 J & W B Watt; 2 W D Flatt; 3 W C Edwards & Co. Best three animals, get of one bull, owned by exhibitor.—1 J & W B Watt; 2 W C Edwards & Co.; 3 W D Flatt. Bull and four females, under two years, owned by exhibitor.—1 T E Robson; 2 J & W B Watt; 3 W C Edwards & Co. Three females, bred and owned by exhibitor.—1 J & W B Watt. Herd of one bull and four females, over one year, owned by exhibitor.—1 W D Flatt; 2 Jas A Crerar; 3 J & W B Watt. HEREFORDS.—(Judge—J. A. McDermid, Stayner.)—Bull, 3 years old and upwards.—1 H D Smith (Prince of Ingleside 2nd); 2 F W Stone Stock Company (Baronet). Bull, 2 years old.—1 and champion, W H Hunter, The Maples (Spartacus); 2 F W Stone Stock Company (Stone's Clarence 2nd). Bull, 1 year old.—1 H D Smith (Lord Ingleside 8th); 2 W H Hunter (Young Toronto) (Keep call, under 1 year.—1 W H Hunter (Bull W H Hunter (Whitney); 3 H D Smith (Bourton Ingleside). Cow, 4 years old and upwards.—1 H D Smith (Sylvan 7th of Ingleside); 2 W H Hunter (Belle of the Ball); 3 F W Stone Stock Company (Duchess of Moreton 22nd). Cow, 3 years old.—1 and champion, W H Hunter (Barnmaid 2nd); 2 F W Stone Stock Company (Peach 34th); 3 H D Smith (Rubella of Ingleside). Heifer, 2 years old.—1 H D Smith (Ingleside Chatterbox); 2 H D Smith (Downton Ingleside 2nd); 3 F W Stone Stock Company (Peach 36th). Heifer, 1 year old.—1 F W Stone Stock Co (Sweetheart of Ingleside); 2 W H Hunter (Lily K.). Heifer calf, under one year.—1 H D Smith (Sylvan 19th of Ingleside); 2 F W Stone Stock Company (Sweet Bar); 3 W H Hunter (Maple Lady). Herd consisting of one bull and four females, over 1 year old, owned by exhibitor.—1 W H Hunter; 2 H D Smith; 3 F W Stone Stock Company. ABERDEEN-ANGUS.—(Judges—G. W. Green, Toronto, and John Miller, Bringham.)—Bulls, 3 years old and upwards.—1 F W Phillips, Oakville (Black Warrior); 2 Wm R Stewart, Lucasville (Seots); 3 Wm H Washington (Laird of Tweed-Ed). Bull, 2 years old.—1 John Richards, Balford, P E I (Pradamere). Bull, one year old.—1 and champion, John Richards (Vobdyoski); 2 F W Phillips (Laird of Walthrough); 3 J J Bowman (Elm Park Kyma 10th); 4 J J Bowman (Elm Park Belle 6th); 5 J J Bowman (Elm Park Belle 5th); 6 J J Bowman (Elm Park Kyma 11th); 7 J J Bowman (Elm Park Belle 6th); 8 J J Bowman (Elm Park Belle 5th); 9 J J Bowman (Elm Park Kyma 13th). Herd, consisting of one bull and four females over 1 year old, owned by exhibitor.—1 J Richards; 2 Walter Hall; 3 W R Stewart. GALLOWAYS.—(Judges—Messrs. Green and Miller.)—Bull, 3 years old and upwards.—1 and champion, D McCrae, Guelph (Cedric 4th of Tarbreoch); 2 Shaw & Marston, Brantford (Viceroy of Shaw & Marston); 3 D McCrae (Royal Ensign); 4 D McCrae (Royal Ensign); 5 Shaw & Marston (Duke of York). Bull calf, under 1 year.—1 D McCrae (Fassifern); 2 D McCrae (Saladin); 3 Shaw & Marston (Allwyn). Cow, 4 years old and upwards.—1 D McCrae (Polly of Garfield); 2 D McCrae (Bell of Marston (Gem Humphrey)); 3 Shaw & Marston (3rd of Drumharry); 4 Shaw & Marston (Flora McErin 2nd); 5 Shaw & Marston (Semiramis 36th). Heifer, 2 year old.—1 and champion, D McCrae (Nellie 12th of Lockenkit); 2 D McCrae (Grisel 2nd of Lockenkit); 3 Shaw & Marston (Bella 2nd). Heifer, 1 year old.—1 D McCrae (Jean 2nd of Kilquhanity); 2 D McCrae (Molly of Kilquhanity); 3 Shaw & Marston (Wisconsin); 4 Charleris. Heifer calf, under 1 year.—1 D McCrae (Maid of Marston); 2 D McCrae (Fairy Rose); 3 Shaw & Marston (Mariel). 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Heifer, 1 year old, out of milk.—1 W Stewart & Son (Bessie of Warkworth); 2 W W Ogilvie (Lady Peatrice of Glenora); 3 W W Ogilvie (Bright Lady of Glenora); 4 W Ogilvie (Princess May of Glenora). Heifer calf under 1 year old.—1 W W Ogilvie (Lady Grace of Glenora); 2 Mrs. W E H Massey (Stirling Silver of Dentonia); 3 W Stewart & Son (Ethel Mary Stewart); 4 W W Ogilvie (Lady Osborne of Glenora). Heifer calf calved after the 1st of Feb., 1902.—1 A Hume & Co (Ladies' Princess of Menie); 2 W W Ogilvie (Lady Eileen of Glenora); 3 A Hume & Co (Hope of Menie); 4 N Dymont (Little Jean of Hickory Hill). Four animals, the progeny of one bull, all bred by exhibitor.—1 W W Ogilvie (Comrade of Garlaff); 2 Robert Reford (Napoleon of Auchenbrain); 3 A Hume & Co (White Chief of St. Annes); 4 Robert Reford. Herd, consisting of one bull and three heifers, under two years old, heifers bred by exhibitor.—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. Herd, consisting of one bull, any age, two females over 3 years old, one female over two and under three, one female over one and under two, and one female under 1 year.—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. JERSEYS.—(Judges—H G Clark, Norval, and R Reid, Berlin.)—Bull, 3 years old and upwards.—1 and champion, Mrs. W E H Massey (Island Lad of Dentonia); 2 B H Bull & Son, Belvoir King). Bull, 2 years old.—1 D G & J G Hamner (Stoke Pops 5th); 2 B H Bull & Son (Rex). Bull, 1 year old.—1 Mrs. W E H Massey (Arthur's Golden Fox); 2 B H Bull & Son (Brampton Monarch's Duke); 3 Bull & Son (Brampton Lucas); 4 Bull & Son (Brampton Hero). Bull calf, under 1 year.—1 Mrs. Massey (Dentonia's Right In It); 2 Bull & Son (Monarch's Gent); 3 Bull & Son (Flossy Monarch); 4 Mrs. Massey (Fair Jack). Bull calf, calved after Feb. 1, 1902.—1 B H Bull & Son (Monarch's Hero); 2 Bull & Son (Monarch's Boy); 4 Mrs. Massey (Sven-gall). Cow, 4 years old and upwards.—1

Heifer, 2 years old.—1 J Richards (Tem-enera); 2 W Hall (Newton's Favorite 2nd); 3 J Bowman (Elm Park Kyma 10th). Heifer, 1 year old.—1 J Bowman (Elm Park Mayflower 3rd); 2 J Bowman (Elm Park Kyma 11th); 3 W R Stewart (Princess of Willow (Grove). Heifer calf, under 1 year.—1 J Bowman (Elm Park Belle 6th); 2 J Bowman (Elm Park Belle 5th); 3 J Bowman (Elm Park Kyma 13th). Herd, consisting of one bull and four females over 1 year old, owned by exhibitor.—1 J Richards; 2 Walter Hall; 3 W R Stewart. GALLOWAYS.—(Judges—Messrs. Green and Miller.)—Bull, 3 years old and upwards.—1 and champion, D McCrae, Guelph (Cedric 4th of Tarbreoch); 2 Shaw & Marston, Brantford (Viceroy of Shaw & Marston); 3 D McCrae (Royal Ensign); 4 D McCrae (Royal Ensign); 5 Shaw & Marston (Duke of York). Bull calf, under 1 year.—1 D McCrae (Fassifern); 2 D McCrae (Saladin); 3 Shaw & Marston (Allwyn). 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AYRSHIRES.—(Judges—Alfred Kains-Byron; A Yuill, Carleton Place, and J H Douglas, Warkworth.)—Bull, 3 years old and upwards.—1 and champion, W W Ogilvie, Lachine Rapids, Que (Douglasdale); 2 W Stewart & Son, Menie (Hover-a-Blink); 3 A Hume & Co., Menie (Prince of Barcheskie); 4 W W Ogilvie (Black Prince of Whitehill). Bull, 2 years old.—1 R Reford, St. Anne's (Bellevue (Stirling Boy of St. Annes)); 2 Stewart & Son (Lord Roberts); 3 Mrs. W E H Massey, Toronto (A of Dentonia). Bull, 1 year old.—1 R Reford (Glenlea of St. Annes); 2 R Reid & Co. (Hintonburg, (Tom)); 3 N Dymont, Clappison's (Dairyman of Glenora); 4 A Hume (King Edward). Bull calf, under 1 year.—1 R Reid & Co (Maple Cliff Cuck-a-bendie); 2 R Reford (Glencairn's Style of St. Annes); 3 W W Ogilvie (First Choice of Glenora); 4 R H Henderson, Rockton (Silver Dollar). Bull calf, calved after Feb. 1, 1902.—1 R Reid & Co (Maple Cliff Comrade); 2 W Stewart & Son (Hover's Heir of Menie); 3 A Hume & Co (Choice Goods); 4 A Hume & Co (Shiner). Cow, 4 years old and upwards.—1 and champion, W W Ogilvie (Minnie of Lessnessock); 2 Robert Reford (Betsy 1st of Fairfield Mains); 3 W W Ogilvie (White Rose of Barmoorhill); 4 Wm Stewart & Son (Lady Ottawa). Cow, 3 years old.—1 R Reford (Lady Grace of St. Annes); 2 Robert Reford (Molena of St. Annes); 3 W W Ogilvie (Stately 9th of Muir); 4 W Stewart & Son (Annie Laurie 4th). Cow, in calf, any age.—1 N Dymont (Nellie Gray); 2 W W Ogilvie (Georgina 2nd of Wynholm); 3 W W Ogilvie (Miss Ida of Garlaff); 4 Mrs. W E H Massey (Lady Stirling 3rd). Heifer, 2 years old.—1 Mrs. W E H Massey (Lost Chord of Dentonia); 2 N D Liddicoat (Snowdrift); 3 Robert Reford (Grace Darling of St. Annes); 4 A Hume & Co (Highland Lass). Heifer, 1 year old, out of milk.—1 W Stewart & Son (Bessie of Warkworth); 2 W W Ogilvie (Lady Peatrice of Glenora); 3 W W Ogilvie (Bright Lady of Glenora); 4 W Ogilvie (Princess May of Glenora). Heifer calf under 1 year old.—1 W W Ogilvie (Lady Grace of Glenora); 2 Mrs. W E H Massey (Stirling Silver of Dentonia); 3 W Stewart & Son (Ethel Mary Stewart); 4 W W Ogilvie (Lady Osborne of Glenora). Heifer calf calved after the 1st of Feb., 1902.—1 A Hume & Co (Ladies' Princess of Menie); 2 W W Ogilvie (Lady Eileen of Glenora); 3 A Hume & Co (Hope of Menie); 4 N Dymont (Little Jean of Hickory Hill). Four animals, the progeny of one bull, all bred by exhibitor.—1 W W Ogilvie (Comrade of Garlaff); 2 Robert Reford (Napoleon of Auchenbrain); 3 A Hume & Co (White Chief of St. Annes); 4 Robert Reford. Herd, consisting of one bull and three heifers, under two years old, heifers bred by exhibitor.—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. Herd, consisting of one bull, any age, two females over 3 years old, one female over two and under three, one female over one and under two, and one female under 1 year.—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. JERSEYS.—(Judges—H G Clark, Norval, and R Reid, Berlin.)—Bull, 3 years old and upwards.—1 and champion, Mrs. W E H Massey (Island Lad of Dentonia); 2 B H Bull & Son, Belvoir King). Bull, 2 years old.—1 D G & J G Hamner (Stoke Pops 5th); 2 B H Bull & Son (Rex). Bull, 1 year old.—1 Mrs. W E H Massey (Arthur's Golden Fox); 2 B H Bull & Son (Brampton Monarch's Duke); 3 Bull & Son (Brampton Lucas); 4 Bull & Son (Brampton Hero). Bull calf, under 1 year.—1 Mrs. Massey (Dentonia's Right In It); 2 Bull & Son (Monarch's Gent); 3 Bull & Son (Flossy Monarch); 4 Mrs. Massey (Fair Jack). Bull calf, calved after Feb. 1, 1902.—1 B H Bull & Son (Monarch's Hero); 2 Bull & Son (Monarch's Boy); 4 Mrs. Massey (Sven-gall). Cow, 4 years old and upwards.—1

HORSEMEN! THE ONLY GENUINE IS GOMBAULT'S CAUSTIC BALSAM. 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 blemish. 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 its use. Send for free descriptive circulars. THE LAWRENCE-WILLIAMS CO., Toronto, Ont.

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Mrs Massey (Fancy Maid); 2 Bull & Son (Sunbeam); 3 Bull & Son (Rhoda); 4 Bull & Son (Bettina). Cow, 3 years old.—1 Mrs Massey (Industria of Dentonia); 2 Mrs Massey (Mon Plaisir's Cowslip); 3 Bull & Son (Vera of Orchard Grove). Heifer, 2 years old.—1 B H Bull & Son (Blanche's Golden Lass); 2 Bull & Son (Pretty Maid); 3 Bull & Son (Golden Gem); 4 Mrs Massey (Flying Fox Refined). Heifer, 1 year old, in milk.—1 and champion, Mrs Massey (Flying Fox's Brunette); 2 D G & J G Hamner. Heifer, one year old, out of milk.—1 Bull & Son (Brampton Maid); 2 Mrs Massey (Dorothy of Dentonia); 3 Bull & Son (Fanny of Brampton); 4 Mrs Massey (Dentonia's Dusty Doty). Heifer calf, under 1 year.—1 Mrs Massey (Dentonia Idol); 2 B H Bull & Son (Monarch's Beam); 3 Mrs Massey (society Girl); 4 Bull & Son (Eminent Giddie). Heifer calf, calved after 1st Feb., 1902.—1 B H Bull & Son (New York Maid); 2 Mrs Massey (Napoleon's Golden Crown); 3 Mrs Massey (Dentonia Re-echo). Four animals, the progeny of one bull, bred by exhibitor.—1 Bull & Son; 2 Mrs Massey; 3 Bull & Son; 4 Mrs Massey. Herd, consisting of one bull and three heifers, under two years, heifers bred by exhibitor.—1 and 2 Mrs Massey; 3 Bull & Son. Herd of one bull any age, two females over three years old, one female over two and under three, one female over one and under two, and one female under one year.—1 Mrs Massey; 2 Bull & Son; 3 Mrs Massey; 4 Bull & Son. GUERNSEYS.—(Judges—Messrs. Clark and Reid.)—Bull, 2 years old.—1 Mrs Massey (Island Heirloom of Dentonia). Bull calf, under 1 year.—1 Mrs Massey (King of Dentonia). Cow, 4 years old and upwards.—1 Mrs Massey (Jessica of Dentonia); 2 Mrs Massey (Lady Honesty of Dentonia); 3 Mrs Massey (Honesty of Dentonia). Cow, three years old.—1 Mrs Massey (Luxette of Dentonia). Heifer, 2

CRUEL METHODS

Of Treating Piles and Rectal Diseases.

The old methods of treating piles by the knife, by ligatures or dilatation, besides causing intense pain, and frequently collapse and death, are now known to be worse than useless as far as actually curing the trouble is concerned.

Derangement of the liver and other internal organs, as well as constipation, often causes piles, and it is a mistake to treat it as a purely local disease; this is the reason why salves and ointments have so little effect, and the widespread success of the Pyramid Pile Cure has demonstrated it.

The Pyramid Pile Cure is not a salve nor ointment, but is in suppository form, which is applied at night, absorbed into the sensitive rectal membrane and acts both as a local and constitutional treatment, and in cases of many years' standing has made thousands of permanent cures.

Many pile sufferers who have undergone surgical operations without relief or cure have been surprised by results from a few weeks' treatment with the Pyramid suppository.

The relief from pain is so immediate that patients sometimes imagine that the Pyramid contains opiates or cocaine, but such is not the case, it is guaranteed absolutely free from any injurious drug.

The cure is the result of the healing oils and astringent properties of the remedy, which cause the little tumors and congested blood vessels to contract, and a natural circulation is established.

All druggists sell the Pyramid Pile Cure at 50 cents for full-sized package.

A little book on cause and cure of piles mailed free by addressing Pyramid Drug Co., Marshall, Mich.—Advt.

PRIZE LIST, TORONTO EXHIBITION

(continued).

years old—1 Mrs Massey (Yours Truly); 2 Mrs Massey (Hopeful); Heifer, 1 year old—1 Mrs Massey (First Joy); 2 Mrs Massey (English Lady of Pontonia); Heifer calf, under one year—1 Mrs Massey (Pontonia Image); Heifer calf, calved after Feb. 1, 1902—1 Mrs Massey (Jessica's Jess). Herd, consisting of one bull and four females over one year old—1 Mrs Massey.

HOLSTEINS.—(Judge—R S Stevenson, Ancaster.)—Bull, 3 years old and upwards—1 and champion, A C Hallman (Judge's De Kol 3rd); 2 G W Clemons; 3 St. George (Count Mink Mercedes); 3 Rattie Bros.; Norwich (Sir Abbekirk Posch); 4 W H Simmons, New Durham (Winnie R's De Kol); Bull, 2 years old—1 Rattie Bros (Schuiling's De Kol); 2 G W Clemons (Heibon Wayne); Bull, 1 year old—1 G W Clemons (Count of Maple Hill); 2 Rattie Bros. (Sir Pietertje Aene); 3 A C Hallman (Sir Paul Albino De Kol); 4 R F Heicks, Newton Brook (Roosevelt); Bull calf, under 1 year—1 Rattie Bros. (Cornelia's Posch); 2 G W Clemons (Duke of Portland); 3 A C Hallman (Cornelia's Neth De Kol); 4 W H Simmons (Iosco Pride's Pan-Am.); Bull calf, calved after Feb. 1, 1902—1 Rattie Bros (Percilla Schuiling's Protects); 2 G W Clemons (John Drew); 3 W H Simmons (Little Katey Kent 3rd's De Kol); Cow, 4 years old and upwards—1 and champion, Rattie Bros (Highland Cornelia); 2 Rattie Bros (Artis Mink Mercedes); 3 Rattie Bros (Fanny R's De Kol); 4 Rattie Bros (Ianthie Jewel Mechilde); Heifer, two years old—1 Rattie Bros (Mercena 3rd); 2 G W Clemons (Princess Pledge's De Kol); 3 Rattie Bros (Annie Schuiling); 4 A C Hallman (Abbey Neth's De Kol); Heifer, 1 year old, in milk—1 Rattie Bros (Fanny De Kol); Heifer, 1 year old, out of milk—1 G W Clemons (Ellen Perry); 2 A C Hallman (Polianthus Neth's De Kol); 3 G W Clemons (Julia Artur); 4 Rattie Bros (Artis Pietertje's Poem); Heifer calf, under 1 year—1 G W Clemons (Flora Fairchild); 2 A C Hallman (Grace Ziemans De Kol); 3 G W Clemons (Buffalo Girl); 4 Rattie Bros (Fanny Pietertje); Heifer calf, calved after Feb. 1st, 1902—1 A C Hallman (Eugenie Neth De Kol 2nd); 2 G W Clemons (Alice Neilson); 3 A C Hallman (Ideal's Neth De Kol 2nd); 4 G W Clemons (Queen De Kol 5th); Four animals, the progeny of one bull, under 2 years, bred by exhibitor—1 G W Clemons; 2 W H Simmons; 3 G W Clemons; 4 Rattie Bros. Herd of one bull and four females, over 1 year old—1 Rattie Bros; 2 A C Hallman; 3 G W Clemons; 4 Rattie Bros. Young herd, one bull and four females, one year old and under three years—1 Rattie Bros; 2 G W Clemons; 3 A C Hallman.

GRADE CATTLE.—Grade cow, 4 years old and upwards—1 J Fried & Son, Roseville; 2 James Leask, Greenback; 3 Eastwood Bros., New Toronto; Cow, 3 years old—1 Eastwood Bros.; 2 James Leask, Heifer, 2 years old—1 Fried & Son; 2 and 3 Leask, Heifer, 1 year old—1 and 3 Rennie; 2 Leask, Heifer calf, under 1 year—1 Rennie; 2 Fried & Son; 3 Leask, Four females over 1 year old—1 Fried & Son; 2 Leask; 3 Rennie. Female of any age (silver medal)—Fried & Son.

SHEEP.—COTSWOLDS.—(Judge—Wm Thompson, Stridale.)—Ram, two shears and over—1 John Park, Burgessville; 2 Elgin F Park; 3 J O Ross, Jarvis. Shearling ram—1 J C Ross; 2 and 3 E F Park. Ram lamb—1 E F Park; 2 and 4 J C Ross; 3 John Park. Ewe, two shears and under three shears—1 and 3 E F Park; 2 John Park. Shearling ewe—1 John Park; 2 J C Ross; 3 E F Park. Ewe lamb—1 and 2 John Park; 3 J C Ross; 4 E F Park. Pen of Cotswolds, ram lamb and three ewe lambs, bred by exhibitor—1 John Park. Pen of Cotswolds, one ram, two ewes, one year old and under three years, and two ewe lambs—1 John Park; 2 J C Ross. Pen of Cotswolds (Canadian-bred), one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2 E F Park. Flock of Cotswolds, consisting of one ram one year or over, one ewe two years or over, one ewe one year and under—1 J Park. Pen of four lambs, consisting of two rams and two ewes, bred by exhibitor—1 John Park.

LEICESTERS.—(Judge—James Fennell, Bradford.)—Ram, two shears and over—1 and 3 Hastings Bros., Crosshill; 2 J M Gardhouse, Highfield. Shearling ram—1 and 3 J M Gardhouse; 2 Whitelaw Bros.; Guelph. Ram lamb—1 Hastings Bros.; 2 Whitelaw Bros.; 3 J M Gardhouse. Ewe, two shears and under three—1 and 2 J M Gardhouse; 3 Whitelaw Bros. Shearling ewe—1 J M Gardhouse; 2 Whitelaw Bros.; 3 Hastings Bros. Ewe lambs—1, 3 and 4 Whitelaw Bros.; 2 J M Gardhouse. Pen of Leicesters, ram lamb and three ewe lambs, bred by exhibitor—1 Whitelaw Bros. Pen of Leicesters, one ram, two ewes, one year old and under three years, and two ewe lambs—1 Whitelaw Bros.; 2 J M Gardhouse. Pen of Leicesters (Canadian-bred), one ram, two ewes, one year old and under three years, and two ewe lambs—1 J M Gardhouse; 2 Hastings Bros.

LINCOLNS.—(Judge—T Hardy Shore, Glanworth.)—Ram, two shears and over—1, 2 and 3 R H Gibson. Shearling ram—1 R H Gibson; 2 and 3 J T Gibson. Denfield. Ram lamb—1, 2 and 3 J T Gibson. Ewe, two shears and under three shears—1 and 2 R H Gibson; 3 J T Gibson. Shearling ewe—1 and 2 R H Gibson; 3 J T Gibson. Ewe lamb—1, 2, 3 and 4 R H Gibson; 5 J T Gibson. Pen of Lincolns, one ram lamb and three ewe lambs, bred by exhibitor—1 J T Gibson. Pen of Lincolns, one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2 R H Gibson; 3 J T Gibson. Pen of Lincolns (Canadian-bred), one ram, two ewes, one year old and under three—1 J T Gibson.

SHROPSHIRE.—(Judge, Geo Phin, Hespeler, and J Jackson, Abingdon.)—Ram, two shears and over—1 D G & J G Hamner, Mount Vernon; 2 and 3 John Campbell, Woodville. Shearling ram—1 W S Carpenter, Simcoe; 2 John Campbell; 3 D G & J G Hamner. Ram lamb—1 and 3 D G & J G Hamner; 2 John Campbell; 4 Teller Bros, Paris. Ewe, two shears and under three—1 and 2 W S Carpenter; 3 D G & J G Hamner. Shearling ewe—1 D G & J G Hamner; 2 and 3 John Campbell. Ewe lamb—1, 2 and 3 D G & J G Hamner; 4 John Campbell. Pen of Shropshires, one ram and three ewe lambs, bred by exhibitor—1 D G & J G Hamner. Pen of Shropshires, one ram, two ewes, one year old and under three years, and two ewe lambs—1 D G & J G Hamner; 2 W S Carpenter. Pen of Shropshires (Canadian-bred), one ram, two ewes, one year old and under three years, and two ewe lambs—1 John Campbell; 2 D G & J G Hamner. Best flock of registered Shropshires, one year old or over, one ram and three ewes—1 and 3 D G & J G Hamner; 2 John Campbell; 4 Lloyd-Jones Bros. Sweepstakes, best ram—1 D G & J G Hamner. Sweepstakes, best ram lamb—1 D G & J G Hamner.

OXFORD DOWNS.—(Judge, Jas Tolton, Walkerton.)—Ram, two shears and over—1 and 2 R J Hine, Dutton; 3 J H Jull, Burford. Shearling ram—1 and 2 R J Hine; 3 J H Jull. Ram lamb—1 and 2 R J Hine; 3 and 4 J H Jull. Ewe, two shears and under three—1, 2 and 3 J H Jull. Shearling ewe—1, 2 and 3 R J Hine. Ewe lambs—1, 2, 3 and 4 R J Hine. Pen of Oxford Downs, one ram lamb and three ewe lambs, bred by exhibitor—1 R J Hine. Pen of Oxford Downs, one ram, two ewes, one year old and under three years, and two ewe lambs—1 R J Hine; 2 J H Jull. Pen of Oxford Downs, one year old and under three years—1 and 2 R J Hine. Yearling ram—1 R J Hine; 2 J H Jull. Yearling ewe—1 and 2 R J Hine. Pen of Oxford Downs, four lambs, either sex—1 R J Hine; 2 J H Jull.

HAMPSHIRE.—(Judge, Geo Phin, Hespeler.)—Ram, two shears and over—1 Teller Bros, Paris, Ont.; 2 M H Cochrane, Hillhurst, Que.; and 2 M H Cochrane, under—1 M H Cochrane; 2 Teller Bros. Yearling ewe—1 M H Cochrane; 2 Teller Bros. Ewe lamb—1 and 2 M H Cochrane. Pen of Hampshires, one ram lamb and three ewe lambs, bred by exhibitor—1 M H Cochrane. Pen of Hampshires or Suffolk rams, one ram, two ewes, one year old and under three years—1 M H Cochrane. Pen of Hampshires (Canadian-bred)—1 M H Cochrane.

SOUTHOWNS.—(Judge, John Allen, Markham.)—Ram, two shears and over—1 and 3 F E Came, St. Andrew's N B; 2 John Jackson & Son, Abingdon, Ont. Shearling ram—1 F E Came; 2 and 3 Teller Bros, Paris. Ram lamb—1 and 2 F E Came; 3 Wm Martin, Burgessville; 4 Teller Bros. Ewe, two shears and under three shears—1 and 2 F E Came; 3

John Jackson & Son, Shearling ewe—1 F E Came; 2 Teller Bros; 3 T C Douglas, Galt. Ewe lamb—1 and 2 F E Came; 3 Teller Bros; 4 Wm Martin. Pen of Southdowns, one ram lamb and three ewe lambs, bred by exhibitor—1 Wm Martin. Pen of Southdowns, one ram, two ewes, one year old and under three years, and two ewe lambs—1 F E Came; 2 T C Douglas. Pen of Southdowns (Canadian-bred), one ram, two ewes, one year old and under three years—1 Teller Bros; 2 Wm Martin.

DORSETS.—(Judges, Geo P Everett, Mount Vernon; Thos Hector, Erindale.)—Ram, two shears and over—1 John A McGillivray, Unbridge; 2 and 3 R H Harding, Thorndale. Shearling ram—1 John A McGillivray; 2 and 3 R H Harding. Ram lamb—1 and 3 R H Harding; 2 John A McGillivray. Ewe, two shears and under three—1 and 2 John A McGillivray; 3 R H Harding. Shearling ewe—1 and 2 John A McGillivray; 3 R H Harding. Ewe lamb—1 R H Harding; 2 and 3 John A McGillivray. Pen of Dorsets, one ram lamb and three ewe lambs, bred by exhibitor—1 John A McGillivray; 2 R H Harding. Pen of Dorsets, one ram, two ewes, one year old and under three years, and two ewe lambs—1 J A McGillivray; 2 R H Harding. Pen of Dorsets (Canadian-bred), one ram, two ewes, one year old and under three years—1 John A McGillivray; 2 R H Harding.

FAT SHEEP.—(Judge, T O Robson, St. Mary's.)—Fat wether under two years, long-wooled, bred—1 and 3 T A Cox; 2 J M Gardhouse. Fat wether under one year, long-wooled, bred—1 J M Gardhouse; 2 Whitelaw Bros; 3 Elgin F Park, Burgessville. Fat wether under two years, short-wooled, bred—1 John Campbell; 2 Teller Bros; 3 T C Douglas. Fat wether under one year, short-wooled, bred—1 Lloyd-Jones Bros; 2 D G & J G Hamner; 3 John Campbell.

SWINE.

BERKSHIRES.—(Judges—Wm Jones, Zenda; H B Jeffs, Bouchard.)—Boar over 2 years—1 W H Durham, East Toronto; 2 Wm Wilson, Shelgrove; 3 R Reid & Co., Hintonburg. Boar over 1 year and under 2 years—1 Wm Wilson; 2 T A Cox, Brantford; 3 W H Durham. Boar over 6 months and under 12 months—1 and 2 Wm Wilson; 3 T A Cox. Boar under 6 months—1 W H Durham; 2 and 3 Samuel Dolson, Alton. Sow over 2 years—1 Wm Wilson; 2 W H Durham; 3 T A Cox. Sow over 1 year and under 2 years—1 T A Cox; 2 W H Durham; 3 Wm Wilson. Sow over 6 months and under 12 months—1 W H Durham; 2 and 3 Wm Wilson. Sow under 6 months—1 Wm Wilson; 2 W H Durham; 3 T A Cox. Best Berkshire boar and two sows of any age—1 W H Durham; 2 T A Cox. Four pigs under 6 months old, the get of one boar, the produce bred and owned by exhibitor—1 Samuel Dolson; 2 Thos Teasdale, Concord. Four pigs under 6 months, the produce of one sow, the produce bred and owned by the exhibitor—1 Samuel Dolson; 2 Thomas Teasdale.

LARGE YORKSHIRE.—(Judges—R J Garbutt, Belleville; H Dedels, Breslau.)—Boar over 2 years—1 R F Duck & Sons, Port Credit; 2 D C Flatt & Son, Mullgrove; 3 Josiah Featherstone & Son, Streetsville. Boar over 1 year and under 2 years—1 and 2 D C Flatt & Son; 3 Jos Featherstone & Son. Boar over 6 months and under 12 months—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Boar under 6 months—1 Jos Featherstone & Son; 2 and 3 D C Flatt & Son. Sow over 2 years—1 and 2 D C Flatt & Son; 3 Jos Featherstone & Son. Sow over 1 year and under 2 years—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Sow over 6 months and under 12 months—1, 2 and 3 D C Flatt & Son. Sow under 6 months—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son.

TAMWORTH.—(Judges—R J Garbutt and H Dedels.)—Boar over 2 years—1 Colwill Bros., Newcastle; 2 R Reid & Co., Hintonburg; 3 Frank R Shore & Son, White Oak. Boar over 1 year and under 2 years—1 R Reid & Co.; 2 Frank R Shore & Son; 3 Jos Featherstone & Sons. Mitchell Boar over 6 months and under 12 months—1 and 2 Douglas & Sons; 3 Colwill Bros. Boar over 6 months—1 D Douglas & Sons; 2 R Reid & Co.; 3 Colwill Bros. Sow over 2 years—1 and 2 Colwill Bros.; 3 R Reid & Co. Sow over 1 year and under 2 years—1 Colwill Bros.; 2 Frank R Shore & Son; 3 R Reid & Co. Sow over 6 months and under 12 months—1 and 2 Douglas & Sons; 3 Colwill Bros. Sow under 6 months—1 and 2 Douglas & Sons; 3 N F Selby, Newcastle. Best Tamworth boar and two sows of any age—1 Colwill Bros.; 2 R Reid & Co. Four pigs under 6 months old, the get of one boar, the produce owned and bred by exhibitor—1 and 2 Douglas & Sons. Four pigs under 6 months old, the produce of one sow, the produce owned and bred by exhibitor—1 and 2 Douglas & Sons.

CHESTER WHITES.—(Judges—Wm Jones and H B Jeffs.)—Boar over 2 years—1 Wm E Wright, Glenworth. Boar over 1 year and under 2 years—1 Wm E Wright. Boar under 6 months—1 and 2 Wm E Wright. Sow over two years—1 Wm E Wright. Sow under 6 months—1 and 2 Wm E Wright. Best Chester White boar and two sows of any age—1 Wm E Wright. Four pigs under 6 months

John Jackson & Son, Shearling ewe—1 F E Came; 2 Teller Bros; 3 T C Douglas, Galt. Ewe lamb—1 and 2 F E Came; 3 Teller Bros; 4 Wm Martin. Pen of Southdowns, one ram lamb and three ewe lambs, bred by exhibitor—1 Wm Martin. Pen of Southdowns, one ram, two ewes, one year old and under three years, and two ewe lambs—1 F E Came; 2 T C Douglas. Pen of Southdowns (Canadian-bred), one ram, two ewes, one year old and under three years—1 Teller Bros; 2 Wm Martin.

DORSETS.—(Judges, Geo P Everett, Mount Vernon; Thos Hector, Erindale.)—Ram, two shears and over—1 John A McGillivray, Unbridge; 2 and 3 R H Harding, Thorndale. Shearling ram—1 John A McGillivray; 2 and 3 R H Harding. Ram lamb—1 and 3 R H Harding; 2 John A McGillivray. Ewe, two shears and under three—1 and 2 John A McGillivray; 3 R H Harding. Shearling ewe—1 and 2 John A McGillivray; 3 R H Harding. Ewe lamb—1 R H Harding; 2 and 3 John A McGillivray. Pen of Dorsets, one ram lamb and three ewe lambs, bred by exhibitor—1 John A McGillivray; 2 R H Harding. Pen of Dorsets, one ram, two ewes, one year old and under three years, and two ewe lambs—1 J A McGillivray; 2 R H Harding. Pen of Dorsets (Canadian-bred), one ram, two ewes, one year old and under three years—1 John A McGillivray; 2 R H Harding.

FAT SHEEP.—(Judge, T O Robson, St. Mary's.)—Fat wether under two years, long-wooled, bred—1 and 3 T A Cox; 2 J M Gardhouse. Fat wether under one year, long-wooled, bred—1 J M Gardhouse; 2 Whitelaw Bros; 3 Elgin F Park, Burgessville. Fat wether under two years, short-wooled, bred—1 John Campbell; 2 Teller Bros; 3 T C Douglas. Fat wether under one year, short-wooled, bred—1 Lloyd-Jones Bros; 2 D G & J G Hamner; 3 John Campbell.

SWINE.

BERKSHIRES.—(Judges—Wm Jones, Zenda; H B Jeffs, Bouchard.)—Boar over 2 years—1 W H Durham, East Toronto; 2 Wm Wilson, Shelgrove; 3 R Reid & Co., Hintonburg. Boar over 1 year and under 2 years—1 Wm Wilson; 2 T A Cox, Brantford; 3 W H Durham. Boar over 6 months and under 12 months—1 and 2 Wm Wilson; 3 T A Cox. Boar under 6 months—1 W H Durham; 2 and 3 Samuel Dolson, Alton. Sow over 2 years—1 Wm Wilson; 2 W H Durham; 3 T A Cox. Sow over 1 year and under 2 years—1 T A Cox; 2 W H Durham; 3 Wm Wilson. Sow over 6 months and under 12 months—1 W H Durham; 2 and 3 Wm Wilson. Sow under 6 months—1 Wm Wilson; 2 W H Durham; 3 T A Cox. Best Berkshire boar and two sows of any age—1 W H Durham; 2 T A Cox. Four pigs under 6 months old, the get of one boar, the produce bred and owned by exhibitor—1 Samuel Dolson; 2 Thos Teasdale, Concord. Four pigs under 6 months, the produce of one sow, the produce bred and owned by the exhibitor—1 Samuel Dolson; 2 Thomas Teasdale.

LARGE YORKSHIRE.—(Judges—R J Garbutt, Belleville; H Dedels, Breslau.)—Boar over 2 years—1 R F Duck & Sons, Port Credit; 2 D C Flatt & Son, Mullgrove; 3 Josiah Featherstone & Son, Streetsville. Boar over 1 year and under 2 years—1 and 2 D C Flatt & Son; 3 Jos Featherstone & Son. Boar over 6 months and under 12 months—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Boar under 6 months—1 Jos Featherstone & Son; 2 and 3 D C Flatt & Son. Sow over 2 years—1 and 2 D C Flatt & Son; 3 Jos Featherstone & Son. Sow over 1 year and under 2 years—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Sow over 6 months and under 12 months—1, 2 and 3 D C Flatt & Son. Sow under 6 months—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son.

TAMWORTH.—(Judges—R J Garbutt and H Dedels.)—Boar over 2 years—1 Colwill Bros., Newcastle; 2 R Reid & Co., Hintonburg; 3 Frank R Shore & Son, White Oak. Boar over 1 year and under 2 years—1 R Reid & Co.; 2 Frank R Shore & Son; 3 Jos Featherstone & Sons. Mitchell Boar over 6 months and under 12 months—1 and 2 Douglas & Sons; 3 Colwill Bros. Boar over 6 months—1 D Douglas & Sons; 2 R Reid & Co.; 3 Colwill Bros. Sow over 2 years—1 and 2 Colwill Bros.; 3 R Reid & Co. Sow over 1 year and under 2 years—1 Colwill Bros.; 2 Frank R Shore & Son; 3 R Reid & Co. Sow over 6 months and under 12 months—1 and 2 Douglas & Sons; 3 Colwill Bros. Sow under 6 months—1 and 2 Douglas & Sons; 3 N F Selby, Newcastle. Best Tamworth boar and two sows of any age—1 Colwill Bros.; 2 R Reid & Co. Four pigs under 6 months old, the get of one boar, the produce owned and bred by exhibitor—1 and 2 Douglas & Sons. Four pigs under 6 months old, the produce of one sow, the produce owned and bred by exhibitor—1 and 2 Douglas & Sons.

CHESTER WHITES.—(Judges—Wm Jones and H B Jeffs.)—Boar over 2 years—1 Wm E Wright, Glenworth. Boar over 1 year and under 2 years—1 Wm E Wright. Boar under 6 months—1 and 2 Wm E Wright. Sow over two years—1 Wm E Wright. Sow under 6 months—1 and 2 Wm E Wright. Best Chester White boar and two sows of any age—1 Wm E Wright. Four pigs under 6 months

What Goes Up MUST COME DOWN.

Nothing is more certain than that the use of so-called tonics, stimulants and medicines, which depend upon alcohol for their effect, is injurious to health in the long run.

What goes up must come down, and the elevation of spirits, the temporary exhilaration resulting from a dose of medicine containing alcohol, will certainly be followed in a few hours by a corresponding depression, to relieve which another dose must be taken.

In other words, many liquid patent medicines derive their effect entirely from the alcohol they contain.

Alcohol, and medicines containing it, are temporary stimulants and not in any sense a true tonic. In fact it is doubtful if any medicine or drug is a real tonic.

A true tonic is something which will renew, replenish, build up the exhausted nervous system and wasted tissues of the body, something that will enrich the blood and endow it with the proper proportions of red and white corpuscles which prevent or destroy disease germs. This is what a real tonic should do, and no drug or alcoholic stimulant will do it.

The only true tonic in nature is wholesome food, thoroughly digested. Every particle of nervous energy, every minute muscle fibre and drop of blood is created daily from the food we digest.

The mere eating of food has little to do with the repair of waste tissue, but the perfect digestion of the food eaten has everything to do with it.

The reason so few people have perfect digestion is because from wrong habits of living the stomach has gradually lost the power to secrete the gastric juice, peptones and acids in sufficient quantity.

To cure indigestion and stomach troubles, it is necessary to take after meals some harmless preparation which will supply the natural peptone and diastase which every weak stomach lacks, and probably the best preparation of this character is Stuart's Dyspepsia Tablets, which may be found in every drug store and which contain in pleasant, palatable form the wholesome peptone and diastase which nature requires for prompt digestion.

One or two of these excellent tablets taken after meals will prevent souring, fermentation and acidity and insure complete digestion and assimilation.

Stuart's Dyspepsia Tablets are equally valuable for little children as for adults, as they contain nothing harmful or stimulating, but only the natural digestives.

One of Stuart's Dyspepsia Tablets will digest 1,800 grains of meat, eggs or other wholesome food, and they are in every sense a genuine tonic, because they bring about in the only natural way a restorative of nerve power, a building up of lost tissue and appetite, in the only way it can be done, by the digestion and assimilation of wholesome food.—Advt.

oid, the get of one boar, the produce bred and owned by exhibitor—1 Wm E Wright. Four pigs under 6 months old, the produce of one sow, the produce bred and owned by exhibitor—1 Wm E Wright.

DUROC—JERSEYS.—(Judges—Wm. Jones and H B Jeffs.)—Boar over 2 years—1 W N Tape, Bentpath, Ont. Boar over 1 year and under 2 years—1 W N Tape; 2 Tape Bros., Hidgetown. Boar over 6 months and under 12 months—1 W N Tape; 2 Tape Bros. Boar under 6 months—1 W N Tape; 2 W N Smith, Scotland. Sow over 2 years—1 Tape Bros.; 2 W N Tape. Sow over 1 year and under 2 years—1 W M Smith; 2 W N Tape. Sow over 6 months and under 12 months—1 and 2 W M Smith. Sow under 6 months—1 and 2 W N Tape. Best Duroc-Jersey boar and two sows any age—1 W N Tape; 2 W M Smith. Four pigs under 6 months old, the get of one boar, the produce bred and owned by exhibitor—1 W N Tape. Four pigs under 6 months old, the produce of one sow, the produce bred and owned by exhibitor—1 W N Tape.

OTHER DISTINCT BREEDS.—(Judges—R J Garbutt and H Dedels.)—1 W M Smith; 2 Jos Featherstone & Son. Boar over 1 year and under 2 years—1 W M Smith; 2 and 3 Jos Featherstone & Son. Boar over 6 months and under 12 months—1 and 2 Jos Featherstone & Son; 3 W M Smith. Boar under 6 months—1 and 2 Jos Featherstone & Son; 3 R F Duck & Sons. Sow over 2 years—1 and 2 Jos Featherstone & Son; 3 R F Duck & Sons. Sow over 1 year and under 2 years—1 and 2 W M Smith; 3 Jos Featherstone & Son. Sow over 6 months and under 12 months—1 and 2 Jos Featherstone & Son; 3 W M Smith. Sow under 6 months—1 and 3 Jos Featherstone & Son; 2 R F Duck & Sons. Best boar and two sows of same breed, any age—1 W M Smith; 2 Jos Featherstone & Son.

EXPORT BACON HOGS.—Best pen of four pure-bred hogs, most suitable for export bacon—1 and 5 J E Brothour, Burford; 2 Jos Featherstone & Son; 3 D C Flatt & Son; 4 R F Duck & Sons.

Best pen of four hogs of any breed, cross or grade—1 and 5 J E Brothour; 2 Jos Featherstone & Son; 3 D C Flatt & Son; 4 R F Duck & Sons.

JUDGING COMPETITION.—Best judging of bacon hogs, restricted to farmers or farmers' sons resident in Canada—1 Wm McCrae, Guelph; 2 J M McCallum, Shakespeare; 3 R H Williams, Berlin; 4 Alfred E Moore, White Oak.

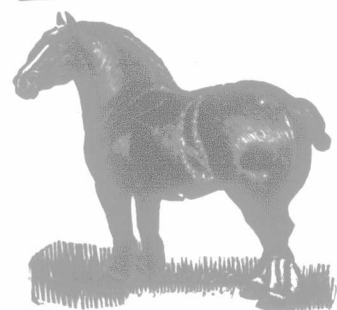
THE EMPIRE TOBACCO CO., LIMITED. "We have not advanced the price of our tobaccos. Amber-smoking tobacco, Bobs, Currency and Fair Play chewing tobaccos are the same size and price to the consumer as former. We have also extended the time for the redemption of snow-shoe tags to January 1st, 1904." Advt.

# 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.

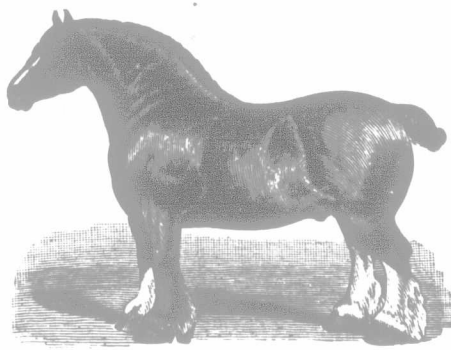
**JOHN BRIGHT, MYRTLE, ONTARIO.**

## Dalgety Bros.

LONDON, ONT.,

Largest Importers of Horses in Canada.

Having sold out our last importation of Clydesdale stallions, another consignment per S.S. Merina of 16 STALLIONS, Clydes and Hackneys, and 10 mares will be at the Black Horse Hotel, Toronto, about the 14th of October, and will be on view there for two weeks, and will include many valuable horses, combining size, quality, breeding and action. Great care has been taken in the selection of this consignment. We have imported a great many winners at the principal shows, which goes to prove that we bring out the right kind of horses. We are in an excellent position to offer buyers the best quality at most reasonable prices, having made our selection in person, and with great care, to meet the requirements of the Canadian trade. Parties desiring to purchase either stallions or mares, please write or call upon us.



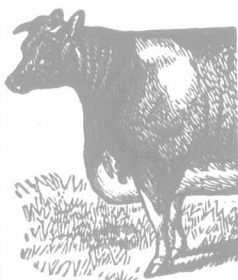
**DALGETY BROS., LONDON, ONT.**

## 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 Cairn; 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.

### LADY'S WATCH FREE

for selling at 10c. each, only 1 doz. packages of Lemon, Vanilla and Almond Flavoring Powders and securing a few more agents for us. One package equals 15c. worth of Liquid Flavoring; and is far better. Every housekeeper buys one or more packages. You can earn this watch in a few minutes. It is a little beauty with silver nickel case, fancy decorated dial, gold hands and stem wind and set, reliable imported works. Write to-day and we will send you the Flavoring Powders, costless. We trust you. **HOME SUPPLY CO., DEPT. F. L., TORONTO.**



### DR. PAGE'S ENGLISH SPAVIN CURE

For the cure of Spavins, Ringbone, Curbs, Splints, Windgalls, Capped Hock, Strains or Bruises, Thick Neck from Distemper, Kingworm 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. FREDERICK 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.**



### 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.

### FREE SILVER TEA SET

will give me to see for handsome pieces of Jewellery, Hat Pins, etc. and helping price of Jewellery made worth as well as to new industries. Write to-day to see how you can win. **CO., DEPT. F. L., TORONTO.**

IN WRITING PLEASE MENTION FARMER'S ADVOCATE.

# GRAND'S



**COR. SIMCOE AND NELSON STS., TORONTO.**

Auction Sale of Horses, Carriages, Harness, etc., every Tuesday and Friday at 11 o'clock. Private Sale every day. Correspondence solicited.

THE GREAT SPECIAL AUCTION SALE OF

## 200 HORSES

PERCHERONS AND SHIRES,

Monday and Tuesday, Oct. 13-14

AT 10 O'CLOCK EACH DAY.

By instructions from Mr. W. R. Dobbie, Pincher Creek, N.-W. T., the following splendid consignment will be sold, without the slightest reserve:

## 80 MARES

1,200 to 1,400 pounds, 40 with foals at foot, and all sired by imported Shire or Percheron stallions.

50 Geldings, Three to Six Years.  
30 Yearlings and Two-year-olds.  
40 Foals. : : : : :

This is the entire stock of this successful breeding establishment, and a genuine unreserved sale. The stock is first-class, being from imported sires, and is in fine condition. All are smoothly made, blocky patterns, with good-looking heads and necks, clean flat legs with very little hair; gentle disposition, all being bred from domesticated stock. They are all horses weighing from 1,200 to 1,400 pounds, the most useful and best selling size for all purposes, being 15 hands to 16 hands high. The stock will be at the Repository for two or three days previous to date of sale, for inspection. Horses purchased at this sale for shipment out of Toronto will be loaded on the cars free of charge. All these horses have splendid action. In the lot is a very fine pair of bay Coach horses, 2,100 pounds, black points, good action and worth seeing. For further particulars address:

**Walter Harland Smith, PROPRIETOR GRAND'S REPOSITORY, TORONTO.**

The great annual sale of Trotters and Pacers will take place this year on Monday and Tuesday, Oct. 20-21. Entries should be made early to appear on catalogue.

### 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, Ontario.**

### ROSEDALE STOCK FARM.

Clyde and Shire Horses, Shorthorn Cattle, Leicester Sheep. The imp. first-prize Shire stallion, Newharis Duke and the four-year-old Clyde stallion, Gay Gordon, half brother to Hiawatha, now in service. The imp. bull, Chief Ruler, bred by W. S. Marr, Uppermill, heads the herd. Young bulls and females for sale. Our flock of Leicesters has won at the leading shows of Canada and U. S., and we have a grand lot of rams and ewes for sale. My motto: The best is none too good.

**J. M. GARDBOUSE, HIGHFIELD P. O. MALTON, G. T. R., WESTON, C. P. R.**

### High Park Stock Farm

Galloway Cattle. A few choice young heifers and bulls for sale. Inspection invited.

**SHAW & MARSTON (late A. M. & R. Shaw) P. O. Box 294, BRANTFORD, ONT.**

### CHOICE HEREFORDS.

As per Hunter, DURHAM, ONT., registered Herefords: 1 yearling Registered Bull, 1 yearling Registered Heifer, 1 yearling Registered Cow. These are of good condition, and are bred by the best American breeders. Ranches are open to inspect this offering.

**J. T. BALSDON, Markham P. O. and Sta.**

## Shorthorns and Leicesters.

Herd Established 1855.

A number of young bulls, cows and heifers for sale head of herd, which are all bred on straight Scotch lines, and are of the up-to-date kind. Present offering: some choice young bulls.

**JAMES DOUGLAS, CALEDONIA, ONT.**

## SHORTHORNS.

THORNHILL HERD. ESTABLISHED 27 YEARS.

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

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

## 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, 15 to 18 months; seventy-five imp. and home-bred cows and heifers, all ages. Catalogues on application.

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



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

## Shorthorns and 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.

## FRED. RICHARDSON

Smith & Richardson, Columbus, Ont.,

returned from Scotland about Aug. 20th with six Clydesdale stallions, including Hopewell (11375), full brother of the great Glasgow winner, Hiawatha, and Lavender (11349), out of the same mare as Royal Cairn, the Chicago three-year-old winner in 1901, and Pioneer 11131, sired by Sir Arthur, owned by Whitley Clydesdale Association. Also a pair of two-year-old fillies for Mr. George Gormley, Unionville.

## 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's, Village Buds, Missies, Stamford's, Mysies, Vanillas, Claret's, 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 Sta., G.T.R. and C.P.R., 13 miles north of Guelph.

## LAKE VIEW STOCK FARM.

SCOTCH SHORTHORNS, both sexes, all ages. As good as the best.

Meaford Station, G.T.R. North. **JAMES BOWES, Strathairn P. O.**

**Aberfeldy Stock Farm.** Scotch and Scotch-topped Shorthorns for sale; both sexes. Over forty head to select from, of such noted families as (imp.) Rollas, Claret's, Lovelys, Rosebuds, Blossom's, Circes, Roses, and other choice families. **JOHN GARDBOUSE, HIGHFIELD P. O. WESTON STATION, G. T. R., AND C. P. R.**

For Sale Some choice young YORKSHIRES (11 well 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.**

ADVERTISE IN THE FARMER'S ADVOCATE.

# ROYAL YEAST CAKES

MOST PERFECT MADE.



E. W. GILLETT COMPANY LIMITED Toronto, Ont.

## FARMERS STOCK - RAISERS.

PROFS. A. & M. DAY'S ENGLISH TONIC Powders furnish all requirements for the cure and prevention of diseases of the horse, cattle, hog, sheep, and poultry. A separate package for each kind of stock. Full directions on each package for preparing a Tonic Food for fattening purposes. Each package of powder is sufficient to prepare 25 to 40 pounds of Tonic Food. 35 cents a package. For sale in most towns; if not in your town, write us for free sample. Mention kind wanted.

### THE DAY'S STOCK FOOD CO'Y, TORONTO, 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.

Shorthorns, Berkshires, Leicesters Am offering at present the grand stock boar, Crown Prince; also some young ones. -om ISRAEL GROFF, ALMA, ONTARIO.

"ORCHARD HILL" SHORTHORNS. Herd comprises representatives of best Scotch-bred families, with Lord Lavender at head. Young animals of both sexes for sale. -om ARTHUR JOHNSTON, Vandeleur, Ont.

JAS. GIBB, Brooksdale, Ont. BREEDER OF SHORTHORN CATTLE. -om Imp. Prince William at head of herd. Stock for sale.

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.

SHORTHORNS: We are offering 3 extra choice yearling bulls, all from imported sires, straight Cruickshank, with Lavender and Miss Ramsden dams. -om THOS. ALLIN & BROS., Oshawa, Ont.

## QUEENSTON HEIGHTS SHORTHORNS

SCOTCH AND SCOTCH TOPPED

In service: Derby (imp.) = 32057 = ; Lord Montali, by Collynie Archer (imp.) = 28869 =. Some choice heifers and young cows with calf at foot or in calf to imported bull at moderate prices.

HUDSON USHER, QUEENSTON, ONT. -om FARM 3 MILES NORTH NIAGARA FALLS

Maple Lodge Stock Farm. ESTABLISHED 1854.

SHORTHORNS.—First-prize milking strains, best Scotch breeding. Young bulls and heifers for sale. LEICESTERS.—A grand lot of ewes, bred to our imported rams, and a few choice rams, now for sale.

A. W. SMITH, Ailsa Craig Station, Maple Lodge P. O., G. T. R., 3 1/2 miles. -om

Mercer's Shorthorns Are represented by Missies, Stamfords, Floras, Claret Princesses, Red Roses, Fashions, Crimson Flowers, and Matchless families. Headed by Village Squire 1963, a son of Abbottsford. Stock of both sexes and all ages for sale. -om T. MERCER, MARKDALE P. O. & STN.

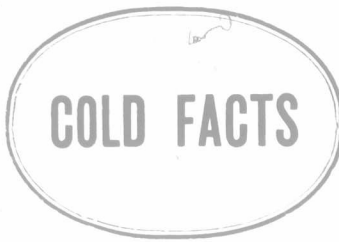
### GOSSIP.

For nearly a quarter of a century the firm of R. Ness & Son, Howick, Que., have been extensively engaged in the importation of high-class Clydesdale, Percheron and Hackney horses, Ayrshire cattle, and pure-bred poultry. Lately, Mr. Ness, Sr., has returned from the Old Sod with a choice collection of horses, made up of the following: Clydesdales—Primrose Pride 11138, bred by Robt. Cochrane, Portencallie, Stranraer, Scotland; sired by the world's famous sire, Baron's Pride 9122, dam Violet 9503, by the noted Darnley 222. He is a bay, three years old, and won first prize at the late Ottawa Exhibition. Cecil 3352, bred by Lords A & L Cecil, Orchardmains, Tunbridge, Kent, Eng., was sired by Macara 6992, dam Minuet 14165, by Cedric 1087; is also a bay, two years old, an extra choice animal and winner of first prize and sweepstakes at Ottawa. Killarney 11382 was bred by David A. Hood, Balgordan, Kirkcudbright, sired by Baron's Pride, dam Nancy Lee 13855, by Flashwood's Best 9211. He is a brown horse, two years old, and won second prize at Ottawa. Proud Baron 11477, bred by Wm. Montgomery, Banns, Kirkcudbright, sired by Baron's Pride, dam Jess of Beave Brook by Young Ross 1870 is a bay, two years old. Royal Stair 11509, bred by Mrs. Hood, Dormiston, Coylton, Ayrshire, sired by Royal Garrick 10270, dam Missie of Dormiston 14250, and sired by Skelmorlie 4027, is a bay two-year-old, and was the winner of third prize at Ottawa. Baron Lang is a four-year-old, a big, well-balanced brown horse, sired by Sir Everitt, dam Broomfield Lass. These horses were all selected from the most noted studs in England and Scotland, for their superior breeding, conformation, quality, action, bone and feet, and it is safe to say that it is many a day since a better lot of up-to-date Clydesdale stallions were landed on our shores. In Hackneys, Mr. Ness brought only one, but he is a cracker. He is Bally Garton (142) 7348, bred by F. J. Ratchelor, Alvechwick, Eng., sired by the noted Garton Duke of Connaught 3109, dam Lady Allington 6837, by the famous Danegelt 174. He is a beautiful black, choke-full of style, quality and action, and carried off first and sweepstakes at Ottawa and first at Toronto this year. Mr. Ness also brought over a splendid Percheron stallion, but the pedigree was not at hand at the time of our visit, so we are not able to give his breeding. These horses are all for sale, and with their royal breeding and grand individuality, will not stay long at the prices asked.

### WALTER HALL'S ABERDEEN-ANGUS HERD.

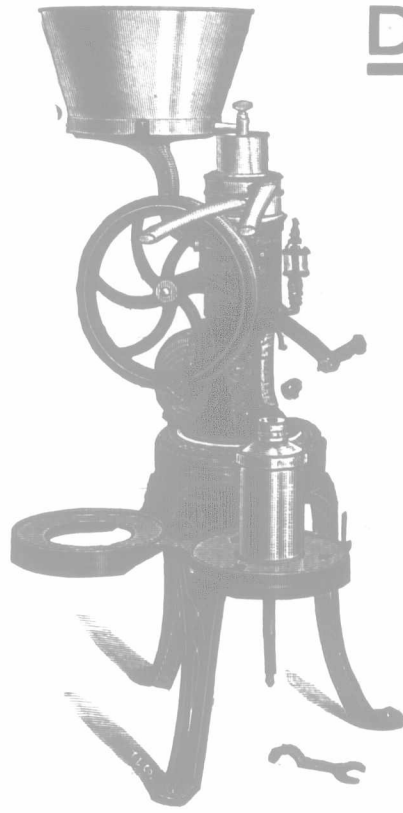
Five miles north of Drumbo station, G. T. R. and C. P. R., in the County of Oxford, lies Maple Bank Stock Farm, the property of Mr. Walter Hall, Washington, Ont., importer and breeder of Aberdeen-Angus cattle. This herd now numbers 24 head of imported and home-bred animals, headed by that wonderfully-successful show bull, Laird of Tweedhill 29486, by Lord Aberdeen 3rd 20824, dam Lady Kyma 17607. This grand old bull was a successful prizewinner at Ottawa, Toronto, and London, and is the sire of a number of young animals in the herd that are as near perfect as possible. He is now four years old, and owing to a fresh importation made by Mr. Hall this summer, is for sale. Breeders wanting a sire to head their herd will be slow if they miss the opportunity of getting this bull. Mr. Hall's newly-imported stock bull is Klondyke of the Burn 16748, purchased from the Earl of Rosebery. He is sired by Rover of Craibstone 12948, a bull that has an unbeaten record in the prize-ring, and his dam, Pride of Powrie 4th, won first prize at the Highland Agricultural Societies Show. His dam is Kathleen of Morlich, by Prince Inca. This bull was never sold, but, should nothing happen, he will be found on hand at other year, and from present appearances he will get there. Among the females, we were particularly struck with the smooth, sweet appearance of the cow, imp. Pride of Aberdeen 195th, sire Marquis of Moray dam Pride of Aberdeen 68th, by Everist. She is suckling a particularly nice six-month-old heifer calf, sired by Fluster 39362, grand cow is Lady Gladstone 39362, sired by Laureus 17109, dam Flora of Kilmoul Park 15882. This cow is winner of sweepstakes at Ottawa, Toronto, and London in 1901 and 1902, and when it is remembered that she was suckling a calf that was only weaned at Toronto Exhibition, and was in condition to win such honors, it shows that she is possessed of marvellous productive powers, both of milk and flesh. The calf just weaned is a bull, sired by the old stock bull, and is the making of a winner. Besides this cow there are in the herd no less than three other sweepstakes winners, besides a number of lesser prizewinners. Another fact that should not be lost sight of is that Mr. Hall has never yet had a heifer come in that did not produce an abundance of milk to feed the calf, a very essential qualification in pure-bred breeding cows. At present there are for sale, besides the stock bull already mentioned, 1 yearling bull and 2 bull calves. Note Mr. Hall's advt. and write him to Washington P. O. for particulars.

## The Imports of Japan Tea to Canada have declined 5,931,262 lbs. Since



# "SALADA"

Uncolored Ceylon Green was first introduced. It's better Tea and the People know it. Sealed Packets Only—Same Form as the Famous "Salada." Black Teas—25c., 30c., 40c., 50c., 60c. Per Pound. REMEMBER!! To ensure your getting the genuine the name "Salada" must be on each and every sealed lead packet.



## DON'T

BUY A SEPARATOR UNTIL YOU HAVE SEEN THE

# National.

### EXAMINE

The simplicity of the design. All wheels and bearings protected, being perfectly safe in the hands of a child. It has anti-friction ball bearings. Few parts to wash—only two pieces inside the bowl. The National is made by The Raymond Mfg. Co. of Guelph, whose success with the celebrated Raymond Sewing Machine is sufficient guarantee of the high finish and workmanship. In 1901 five machines a day were manufactured. For 1902 the capacity is increased to 25 machines per day, showing the satisfaction given by the National in the past two years. The 1902 National contains all the strong points found in other separators, and is placed on the market with the guarantee of being the best and most up-to-date machine in every particular offered to the Western farmers to-day.

The National will well repay investigation by intending purchasers. National No. 1, capacity 330 to 350 lbs. per hour. National No. 1 A, capacity 450 to 500 lbs. per hour.

AGENTS WANTED IN UNREPRESENTED DISTRICTS.

## The Raymond Mfg. Co. of Guelph, LIMITED.

WE ALSO MAKE GOOD SEWING MACHINES. Joseph A. Merrick, P. O. Box 518, Winnipeg, Gen. Agt. Manitoba and N.-W. T.



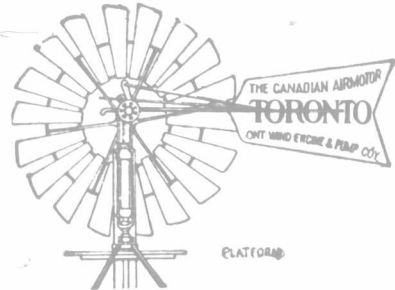
## BARGAIN SALE

Remnants of SILK RIBBONS almost FREE. We have recently purchased several thousand dollars worth of Ribbon Remnants, in London, England, much below the actual cost of manufacture. We are thereby enabled to offer the lady readers of this paper an immense bargain in choice Ribbons. These are all from one to three yards in length, and some 3 inches wide. Amongst these Ribbons are some of the very finest quality, Crown Edge, Gros Grain, Moire, Point Edge, Satin Ed., Silk Broades, Striped Ottoman and various other plain and fancy styles, in a variety of fashionable colors, all shades and widths, suitable for Bonnet Strips, Neckwear, Trimmings for Hats and Dresses, Bosoms, Skirts, etc., etc. All first class. Soils you can purchase such fine Ribbons as the next any store in the land for money. Do not miss this Bargain. Mrs. W. Gallagher, East Clifton, Que., says: "I bought four Ribbons for 40c. each. I got 100 yds. Price, per box, only 50c. per 100 yds. per pack. Address: Mrs. W. Gallagher, East Clifton, Toronto."

SHORTHORNS FOR SALE: 6 yearling bulls, cows and heifers, all ages. Cows and heifers in calf to Sir James deep milkers. -om H. E. HIND, Hagersville P. O. and Station, G. T. R. and M. O. R.

SHORTHORN BULLS FOR SALE: A choice lot of Shorthorn bulls from 10 to 16 months old, sired by Imp. British Statesman (6372) = 20833 = ; and cows of the Mara family. They must be sold at once. Prices away down to suit customers. FITZGERALD BROS., -om Elmvalle Station, G. T. R. Mount St. Louis P. O.

# WINDMILLS



You require one that will do your work satisfactorily. The

## CANADIAN AIRMOTOR TERROR TO WORK.

WHY? **CAST-IRON CONSTITUTION. MECHANISM SO SIMPLE. MATERIAL THE BEST.**

### ONT. WIND ENGINE & PUMP CO. LIMITED.

TORONTO, ONT.  
Manitoba Agents: Manitoba Pump Company, Brandon, Manitoba.

### JOHN DRYDEN & SON,

BROOKLIN, ONTARIO.  
BREEDERS OF CRICKSHANK SHORTHORNS AND CHOICE SHROPSHIRE SHEEP.

40 shearing rams and 30 shearing ewes of extra size, substance and quality now for sale. Prices are interesting. Visitors welcome.

### 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.

### W. J. SHEAN & CO.'S,

OWEN SOUND, ONT.  
**NO HUMBAG & PERFECT INSTRUMENTS IN 1**  
Humane Swine V. Stock Marker and Calf Dehorner. Stops swine of all ages from rooting. Makes 48 different ear marks, all sizes, with same blade. Extrate Horns. Testimonials free. Price \$1.50 or send \$1 for trial; if it works, send balance. Pat'd U.S. May 6, '02 for 17 yrs; Canada Dec. 17, '01, 18 yrs. FARMER BRIGHTON, Fairfield, Iowa, U.S.

### 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.

### FOR SALE.

Three Shorthorn bulls of first-class breeding, sired by Scotland's Fame (imp.). Color: 2 red, 1 roan. Prices right.

### F. A. GARDNER, - BRITANNIA, ONT., Peel County

### GEO. ISAAC, BOMANTON, ONT.,

### 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.

### GREEN GROVE SHORTHORNS:

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

### SHORTHORNS (imported)

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

### THOS. RUSSELL, EXETER, ONT.

### LEONARD BURNETT, GREENBANK, ONT.,

BREEDER OF SHORTHORN CATTLE AND SHROPSHIRE SHEEP.

### SHORTHORNS & CLYDESDALES.

For sale, two 2-year-old Shorthorn bulls, one by Imp. Royal Prince, the other by Royal Duke 23577. Good ones. Also one Clydesdale stallion, coming 2 years old.

### 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.

### PLEASE MENTION FARMER'S ADVOCATE.

### SCOTCH SHORTHORNS!

Nonpareils, Mysies, Isabellas, Urys, Minas, Strawberries, and Matchlesses. Animals of both sexes and all ages for sale. Also choice Berkshires.

### J. W. HARTMAN & SONS,

Montrose Farm. Elm Hedge P. O. Meaford Sta. -om

### SPRINGBANK FARM.

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

### JAS. TOLTON, WALKERTON, ONT.

### SPRUCE HEDGE SHORTHORNS.

We are offering females of all ages. Among them are prizewinners and youngsters that are sure to win.

### 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.

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

### A. E. HOSKIN, SPRINGVALE FARM, COBOURG STA. & P. O.

Shorthorns, Clydesdales, Yorkshires  
Shorthorns of both sexes, all ages. Scotch and Scotch-topped Clydesdales, 1 filly 3 yrs. old, and 1 filly 2 yrs. old, registered. Yorkshires, both sexes, something especially nice, just now about 4 months old.

### W. ORMISTON, JR., COLUMBUS P. O. Myrtle, C. P. R.; Brooklin, G. T. R.

### 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

### 4 HOLSTEIN BULLS 4

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

### Ridgedale Farm Holstein-Friesians for Sale.

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

### COME and see me at Toronto and inspect my De Kol bull and his get; also my other stock. A select lot of Holsteins and Tamworths on hand.

### A. C. Hallman, Breslau, Ont.

### 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.

### CHOICE Jersey CATTLE.

EXHIBITION AND DAIRY ANIMALS. MALE AND FEMALE. ALL AGES.

### MRS. E. M. JONES,

BOX 324, BROCKVILLE, ONT., CAN.

### 72 Head of High-class Jerseys 72

IN THE BRAMPTON JERSEY HERD NOW FOR SALE. Two yearling bulls of first-class dairy breeding and sure prizewinners. Seven bull calves, the best we ever had. Also a large number of cows and heifers. We have what you want. Come and see, or address, stating what you want.

### B. H. BULL & SON, BRAMPTON, ONT.

C. P. R. and G. T. R. stations within 2 miles of farm.

### JERSEYS FOR SALE.

A few choice Jersey bulls and bull calves for sale at very low prices. Choice breeding; good sires. Write for prices.

### W. W. EVERITT, CHATHAM, ONTARIO

"The Elm Park Farm," Box 555.

## 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.

## 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

BREEDER AND IMPORTER OF SHORTHORNS ONLY.

FOR SALE: Imported bulls and bull calves. Home-bred bulls and bull calves, from imported cows and by imported bulls. Home-bred bull calves. A large and excellent lot of young cows and heifers of various ages.

GREENWOOD, ONT., P. O. AND TELEGRAPH OFFICE. PICKERING, G. T. R., 22 MILES EAST OF TORONTO. CLAREMONT, C. P. R., 28 MILES EAST OF TORONTO.

## Spring Grove Stock Farm.

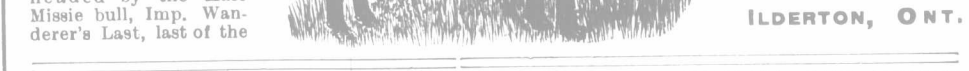
Shorthorn Cattle AND Lincoln Sheep.

HERD prize and sweep-stake 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 Braith Bud tribe. High-class Shorthorns of all ages for sale. Also prizewinning Lincolns. Apply om

## T. E. ROBSON, ILBERTON, ONT.

FACE TO FACE WITH THE MAN IN THE MOON. LARGE POWERFUL TELESCOPE ALMOST GIVEN AWAY



Needed by Farmers, Ranchmen, Sailors, Hunters, Tourists, etc. Of use to everybody. A great source of amusement and instruction. Made by the largest Telescope Manufacturer in the World. Measures nearly 3 ft. when open. Fitted with powerful lenses, carefully ground and adjusted with scientific exactness. Brass bound tubes, both ends protected by brass dust caps. It brings objects miles distant so close that you feel as if you could put out your hand and touch them. We sold over 1,700 Telescopes last year and all our customers were well pleased with them and astonished at their cheapness. WILLIAM SITES, Blackville, N.B., writes: "I ordered and got \$2.00, for which send me two more Telescopes. I am very much pleased with the one I got, and some friends of mine want one like it." ALVA FROM, Heckston, Ont., says: "I received the 99c. Telescope all right. It is a dandy. I would not take three times what I paid for it if I could not get another one like it." BEATTIE GIBSON, Chilliwack, B.C., writes: "Your 99c. Telescope brings objects miles away very near to me." Telescopes of this size have formerly sold at from \$5.00 to \$10.00. Our Special Introductory Price only 99c. postpaid. A Grand Bargain. Don't miss it. Mail Order Supply Co., Dept. F. A. Toronto.

## Rapids Farm Ayrshires.

REINFORCED BY RECENT IMPORTATIONS of 2 bulls and 20 cows, selected from noted Scotch herds, and including the male and female champions at leading Scottish shows last year. Imported Douglassdale of Dam of Aber, champion at the Pan-American, heads the herd. Representatives of this herd won the first herd prize at the exhibitions at—

Toronto, London and Ottawa in 1900, and at the Pan-American in 1901.

Come and see or write for prices. Young Bulls and Heifers for Sale, bred from High-class Imported Stock.

## Robert Hunter, Manager

for W. Watson Ogilvie, Lachine Rapids, Quebec.

## Shorthorn Cattle, Lincoln Sheep SHORTHORNS (IMP.)

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 (IMP.)

of deep-milking Shorthorns for sale. Six young bulls of first-class quality and breeding and from AI dairy cows.

## HAWTHORN HERD

WM. GRAINGER & SON, Lonsdale, Ont.



**MICA**  
Makes short roads.  
**AXLE**  
And light loads.  
**GREASE**  
Good for everything  
that runs on wheels.  
Sold Everywhere.  
Made by IMPERIAL OIL CO.

**FUR RUFF FREE**  
Elegant, Soft and Warm.  
Comfortable and Stylish.  
Full length, made of soft, warm, glossy, black fur, a perfect imitation of the finest Sable, with real hood and three full tails, very pretty. Given absolutely free for selling at 15c. each only 8 handsome pieces of Jewelry, Stick Pins, Locketts, Cuff Links, Hat Pins, etc., and helping us to get a few more agents. Every piece of our Jewelry looks worth 50c. At 15c. you can sell the 8 pieces in a few minutes. Write today and we will send the Jewelry postpaid. We trust you. Canadian Premium Syndicate, Dept. F.R.F., Toronto

**FREE GOLD WATCH**  
LADY'S OR GENT'S SIZE  
Double Hunting case, beautifully Gold finished and richly engraved in handsome Solid Gold designs, stem wind and set, imported jewelled works, accurate and reliable. A very beautiful Watch. Looks worth \$40.00. We give it for selling at 15c. each only 1 doz. fashionable Gold finished Hat Pins with beautifully designed tops set with large sparkling imitation Sapphires, Rubies, Emeralds, etc., and helping us to get a few more agents. Our Hat Pins look worth 50c. and sell like hot cakes. You can earn this elegant watch in a few minutes. Write today and we will send Hat Pins postpaid. JEWELRY CO., Dept. F H. TORONTO

**F. L. GREEN,**  
BREEDER OF  
Jersey Cattle and Yorkshire Pigs.  
Choice stock of each sex for sale. -om  
PICKERING STATION, G. T. R.  
CLAREMONT STATION, C. P. R. GREENWOOD P. O.

**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. -om

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

**Tredinnock Ayrshires.**  
Imported bulls at head of herd: Glencairn 3rd, Napoleon of Auchenbrain, 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, Quebec. G.T.R. & C.P.R., 20 miles west of Montreal. -om

**CHOICE AYRSHIRES.**  
Present offering: 4 bulls, from 1 to 2 years old, by choice sires, and out of producing dams, and 1 individual. -om  
**N. DYMENT, Clappison P. O., Dundas Sta.**

**J. YUILL & SONS,** Meadows Farm, Carleton Place, Ontario, Breeders of Ayrshire cattle, Shropshire sheep, Berkshire swine, and Barred Plymouth Rocks. A fine lot of the long Large English Berkshires for sale, ready to ship. -om

**Ayrshires and Yorkshires** A yearling bull and several choice calves from heavy milkers, fit for exhibition purposes. Three Yorkshire boars fit for service; three sows ready to mate, also a number of young pigs fit to ship. -om **ALEX. HUME, MENIE, ONTARIO.**

**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. -om

**FOR SALE:**  
Three grandly-bred Ayrshire bull calves, 12 to 15 mos. old. Also young calves, by Napoleon of Auchenbrain (imp.), whose dam has a record of 72 lbs. of milk per day. A few choice young Berkshire and Yorkshire sows could be served before shipping. Collyie pups, from Perfection Queen. Address—**T. D. McCALLUM,** -om  
Nether Lea, -om Danville, Que.

**GOSSIP.**

At the Perth sale of Border Leicester ram lambs, last month, the highest price, £21, was realized by Mr. D. Ferguson, Dalcapon, for the first-prize winner. The highest average of the sale, £9 10s., was made by Mr. Hume, Barrellwell, for 17 head.

Quinn Bros., Brampton, Ont., have sold the Thoroughbred stallion, Woodburn, to Henry Horne, of Prince Edward Island. Woodburn has twice won the sweepstakes silver medal at Toronto Industrial Exhibition, namely, in 1896 and 1901, and this year he was awarded first prize at Toronto in the class of Thoroughbred stallion best calculated to produce hunters and saddle horses. He has had a very successful career as a sire of saleable horses, as well as in prizewinning.

Spruce Grove stock farm is situated in the County of Oxford, six miles from either Tavistock or New Dundee station, and is the property of Mr. F. C. Smith, New Hamburg, P. O., breeder of Shorthorn cattle and Yorkshire hogs. Among the Shorthorns, which are Scotch-bred, are six females from one to four years old, that are for sale: ideal animals, above the ordinary in type, quality and finish. The Yorkshires are all from the noted prizewinning Summer Hill herd of Mr. D. C. Flatt. The stock boar is S. H. Member, winner of second prize at Toronto Industrial this year, which speaks for his quality. He is sired by Imp. Bottesford Wonder. Of breeding sows, there are ten, all of them sired by that grand old prizewinning boar, S. H. Challenge. They are an extra choice lot, and, coupled with the perfect stock boar, it is a foregone conclusion that the produce will be perfect specimens of the breed. Lately, Mr. Smith has purchased a couple of other breeding sows, in no way related to the others, so that very shortly he will be in a position to supply both sexes, not akin. At present there are a number of young animals of both sexes on hand for sale.

At the Iowa State Fair the prizes in the principal section of the Shorthorn class were awarded as follows, Prof. Curtis and J. G. Imboden being the judges: Aged bulls—1 and champion, G. M. Casey's Choice Goods, imported by W. D. Flatt, Hamilton, Ont.; 2 Geo. E. Ward's Lord Banff, also imported by Mr. Flatt; 3 Geo. Harding & Son's Golden Victor; 4 E. W. Bowen's Speculator, the Pan-American champion, imported by Mr. Flatt. Two-year-old bull—1 Harding's Nonpareil of Clover-blossom; 2 C. F. Rice's Marmaduke 2nd; 3 T. J. Wornall's Valley Count, Yearling bull—1 Harding's Ceremonious Archer; 2 Ryan's Master of the Ring; 3 Thompson's Erring Knight. Cows—1 and champion, Casey's Ruberta; 2 Bowen's Missie 165th; 3 Rice's Josephine; 4 Harding's 55th Duchess of Gloster; 5 Bowen's Stella; 6 Casey's Cicely, the English and Pan-American champion, who has raised a calf and was not in the bloom she appeared in last year. Two-year-old heifers—1 Harding's Golden Fame's Belle, by Imp. Golden Fame, sold at Mr. Flatt's first sale; 2 Casey's Oneida; 3 Casey's Clarissa. Yearling heifer—1 Bowen's Queen of Beauty; 2 Harding's Gloster, sired by Knuckleduster; 3 Casey's Lad's Goldie. Graded herd—1 Harding; 2 Harding; 3 Bowen. Young herd—1 Harding; 2 Thompson; 3 Wornall. Get of sire—Wornall, on Viscount of Anoka; 2 Thompson, on Gallant Knight; 3 Harding, on Best of Archers. Produce of cow—1 Harding, on Lady in Waiting; 2 Harding, on Rosedale Violet 9th; 3 Thompson, on Rose Stern 2nd.

**\$7,500 FOR A SHORTHORN BULL.**  
The well-known Scotch-bred Shorthorn bull, Caledon Chief, has recently been sold at auction, in Buenos Ayres, for £1,500 (or \$7,500). His sire was Laureate, bred at Collynie, by Mr. Duthie, being a son of Scotch Archer, out of Lady Mysie, by Field Marshal. The dam of Caledon Chief was by Sign of Riches, and out of Bessie XXX., by Athabasca. Caledon Chief was hired last year by Mr. Duthie, who has some of his sons in the coming annual sale of calves from the Collynie and Uppermill herds.

**MANOR FARM SHORTHORNS AND LINCOLNS.**  
There may be those who will say there is nothing in a name, but in this enlightened age name and reputation count for much. Such is the happy heritage of Mr. J. T. Gibson, of Denfield, Ont., importer and breeder of Scotch Shorthorn cattle and Lincoln sheep, of which Manor Farm, Denfield, Ont., is the home. The Shorthorns belong to the well-known Mels Ramsden, Cicely, Mina, Bessie and Matilda families, headed by the grand old Duthie-bred bull, Imp. Prime Minister, who is the sire of a number of choice one-year-old heifers that are for sale. Mr. Gibson's Shorthorns are all of the up-to-date kind, short-legged, thick, fleshy animals, and are in the pink of condition. There are also several young bulls coming on, that will be for sale a little later, two of them, out of Mina cows, that are especially good ones. They are now five months old. But if there is one thing more than any other that has made Manor Farm famous, it is the high-class flock of Lincoln sheep maintained there. For many years Mr. Gibson has been making periodical trips to his native Lincolnshire, picking up, here and there, the best types of this breed he could find, the bulk of his purchases being made from the flocks of such noted breeders as Dudding, Dean & Son, Caswell, and Pierce, a great many of them being Royal and other winners, and the ring record of Manor Lincolns in Canada and the United States is almost one continual record of unbroken successes. This year they won at Toronto and London, everything in sight, and are now starting on a tour of the leading American shows, including Illinois State Fair, St. Louis, etc., ending up at the International at Chicago. This year's lambs are all sired by an imported Wright-bred ram. Mr. Gibson reports the demand for Lincolns as unprecedented in all his experience, and prices better than for years. Lately he has shipped sheep to British Columbia, to the Minnesota State Fair, Montana State Fair, several private parties in different parts of the States, and all over Canada, and has now orders booked ahead, and has still for sale shearing rams and ewes and ram and ewe lambs.

**Fleming's 3 are free if they fail.**  
**No Need of Spavins.**  
Fleming's Spavin Cure will not fail. Simple, harmless, not painful, and one application usually cures. All old ideas about spavins do not count against this remedy; it is different and certain.  
Short, Texas, July 24, 1901.  
"I bought a bottle of your Spavin Cure last year. The horse treated is now perfectly sound."—Dr. John R. Simms.  
Curbs, Splint, Ringbone, etc., cured just as quick. You can't afford not to write at once for our free booklet.  
**Lump Jaw Wholly Mastered.**  
Fleming's Lump Jaw Cure long passed the experimental stage. It positively does cure cases of every degree of severity. Easy to use, harmless, humane. But one to three applications needed. Not a cent of cost if it fails. Free book.  
**Fistula and Poll Evil Now Easily Cured.**  
Fleming's Fistula and Poll Evil Cure makes the cure of these diseases easy, and a matter of two to four weeks only where other treatment requires months and often fails. This has never yet failed, and if it ever does it costs nothing. We have an important treatise for you.  
Write us today for circulars. Mention this paper.  
**FLEMING BROS., Chemists,**  
36 Front St., West, Toronto, Ont.

**PAGE WIRE FENCE**  
This is the Page Standard II Bar Fence, made of "Page" wire which is twice as strong as common wire. The continuous coil, note wavy appearance, allows for expansion and contraction which is important owing to Canadian climate. Our upright wires are in one piece and have strength of about 800 pounds. If made of pieces spliced at each horizontal, they would have a strength of only about 300 pounds. We also make gates, ornamental fences, poultry netting, nails and staples. The Page Wire Fence Co., Limited, Walkerville, Ont. 6

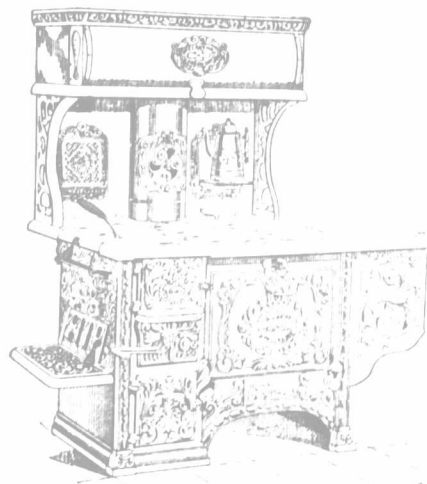
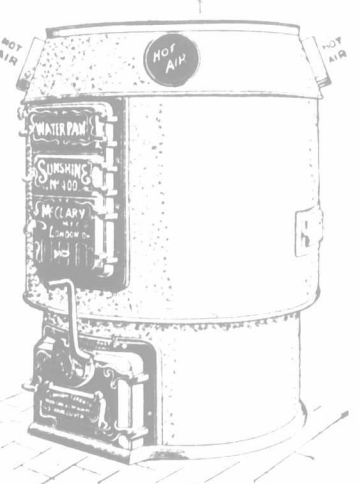
**Burn Coal or Wood**

The fluctuating and, at present, almost prohibitive price of coal makes it necessary to instal heating and cooking apparatus that will burn either coal or wood.

The "Sunshine" furnace and "Cornwall" steel range are built specially for this purpose, and are always supplied with both coal and wood grates and linings.

The "Sunshine" furnace has large double feed-doors, self-acting gas dampers, heavy sectional fire-pot, an entirely steel dome, and is made of the very best materials throughout.

The "Cornwall" steel range is built of the best grades of heavy steel plates, has abestos-lined and ventilated oven, is fitted with "McClary's special" duplex grates, and has every known device for saving time and fuel.



"SUNSHINE" FURNACE. "CORNWALL" STEEL RANGE.

CATALOGUES SENT FREE TO ANY ADDRESS.

**McCLARY'S.**  
LONDON, TORONTO, MONTREAL, WINNIPEG, VANCOUVER; ST. JOHN, N.B.





**Baby's Own Soap**  
is a guard against all skin troubles in children. It cleanses, softens, soothes and prevents chafing and sores.  
**IT IS AS GOOD FOR THE OLD AS THE YOUNG.**  
ALBERT TOILET SOAP CO., MFRS.  
MONTREAL. 4-2

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21 Jewels, lever escapement, patent regulator adjusted, same as Waltham or Elgin, 14 ounce case, solid brass, a Silver, richly gold lined, beautifully hand engraved. In appearance, finish and wearing qualities equal to the best coin silver watch ever made. Open face, with heavy French crystal, dust-proof, screw back and screw bezel, the whole case highly polished and tested to 800 pounds strain. The movement is plainly stamped "21 Jewels Railroad Timekeeper." No better watch was ever sold for less than \$15.00. Always correct. Will last for a lifetime. Send only \$3.97 to show that you mean business, also the name of your nearest Express Office and we will send the watch there. When it arrives, call and examine it carefully and then if satisfied that it is worth at least three or four times what we ask, pay the Express Agent the balance, \$3.97, and Express charges and secure this great bargain. If you do not live near an Express Office or wish to save Express charges, send \$3.97 cash with order and we will forward the watch carefully packed by mail, postpaid. No guarantee of delivery.  
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**GOSSIP.**  
MAPLE LODGE SHORTHORNS AND LEICESTERS.  
One of the best known and most noted stock farms in Canada is that of Mr. A. W. Smith, Maple Lodge, Ont., situated one mile west of Lucan Crossing station on the London & Wingham branch of the G. T. R., and about 20 miles north of the City of London. From boyhood, Mr. Smith has been intimately connected with the breeding and management of pure-bred stock, particularly of Shorthorn cattle and Leicester sheep, and what he does not know about the peculiarities and points that go to make the perfect animal, both in cattle and sheep, and the modus operandi of lifting and conditioning to show them at their best, is hardly worth knowing, as a look over this herd of 52 head of cattle and flock of 140 head of sheep pasturing on his splendidly-arranged 280-acre farm amply attest. Mr. Smith's herd of Shorthorns is headed by the model bull, Imp. Knuckle Duster, =28868=, bred by Mr. Bruce, of Inverquhomery, Scotland, sired by Waverley, a bull that was famous on account of the large number of prizewinners he left; dam Augusta 42nd, by Cap-a-Pie, who was also a sire of winners; so that Knuckle Duster is not only descended from prizewinners on both sides, but is a prizewinner himself, winning the only year he was shown, first prize at London as a two-year-old, over the Toronto first-prize winner, and is proving himself a sire of exceptional merit. His lieutenant in service is the richly-bred and beautifully-formed Sir Wilfred (Imp.), bred by J. Milne, Aberdeen, Scotland; sired by Scottish Major, a Cruickshank Victoria bull by Scottish Archer; dam Rosabelle, by Mazurka, a Missie bull, by William of Orange. The females of the herd (imported and home-bred) belong to the Isabella, Miss Syne, Claret, Princess of Thule, Fair Queen, Missie, Jilt, Mysie, Lavinia, Constance, Lovely, Ury, Cecilia and Lady May families. Amongst the many good ones is the cow, Lady May 15th (Imp.), bred by A. Still, Peterculter; sired by Denmark, by Bengigo, the sire of many winners; dam Lady May 14th, by Mountain Gem, a Missie bull by William of Orange. This cow has just weaned a seven-months-old heifer by Knuckle Duster, that is an extra nice youngster. A close second to her is the cow, Claret's Fancy (Imp.), by Gravesend, a Brawith Bud bull; dam Claret 15th. She is now in calf to Knuckle Duster. Another extra good one is Princess V., an Isabella-bred cow, who has a very sweet six-months heifer calf by Knuckle Duster. Fourteenth Princess of Thule is a massive, thick-roan cow, showing perfect lines above and below; sired by Conqueror, he by Imp. Vengarth. This cow was in the milk test at Buffalo last summer, and stood third. Another of the heavy milkers is Ioan Blanche 2nd, a daughter of Blanche who won the first prize in the dairy test at Guelph in 1900. She has a seven-months heifer by Knuckle Duster, that is a good one. Irish Ivy is another Lavinia-bred cow, that won second prize last winter at Guelph dairy test, her milk showing the high average of 4 1/2 per cent. butter-fat. As a two-year-old she gave in 10 months, 10,550 lbs. of milk. She also has an extra nice seven-months-old heifer calf by Knuckle Duster. Lady Newton belongs to the fashionable Missie family. She is sired by War Minister, dam Melrose, by Rapid Rhone. She is nursing a three-months bull calf by Scottish Chief, that shows a perfect form. Princess Josie, of the well-known Jilt family, a very thick, straight cow, is suckling a six-months-old heifer by Knuckle Duster. Ury Countess is the only cow in the herd that is such a calf by Sir Wilfred, and if he is a sample of what this bull is going to leave in the way of form and quality, he will certainly be a bonanza to Mr. Smith. We were shown a number of young bulls and heifers that were a pleasure to look over. Almost without exception, they are a thick, low-set lot, smooth and straight lined, and Mr. Smith informed us that any and every animal in the herd was for sale, as he is not breeding them to look at.  
As before intimated, the Leicesters number 140 head, a great many of which are imported. Of the stock rams, Imp. Stanley was winner of first prize at the Royal Northern, Aberdeen, as a lamb. He was bred by that well-known breeder, Mr. D. Hume. The other is Imp. B. 10, also bred by Hume, and won first as a lamb at the Angus Show, Aberdeen-hire. Stanley is a full-brother to the gold medal winners at the Highland Agricultural Societies Show in 1899 and 1900; while the sire of B. 10 sold for 210 guineas. Among the breeding ewes are a number of Royal and other winners, and representatives of this flock won the flock prize at Toronto from 1895 to 1901, inclusive. This year they were not shown in Canada, but were shown at Syracuse, N. Y., where they won every first prize and every second but one. Last year, besides winning the flock prize at Toronto, they won it at London, Syracuse and Buffalo. This year's lambs are all sired by the above-mentioned rams, and a better formed and fleeced, smoother, even lot could scarcely be found. Especially were we struck by the beauty and symmetry of a bunch of ewe lambs. Perfection is the only word that describes them. At the time of our visit, Mr. Smith was getting so hard for shipping the bulk of these lambs to the States. There are still for sale, 19 shearing rams and 30 ram lambs, 20 shearing ewes and a number of ewe lambs.

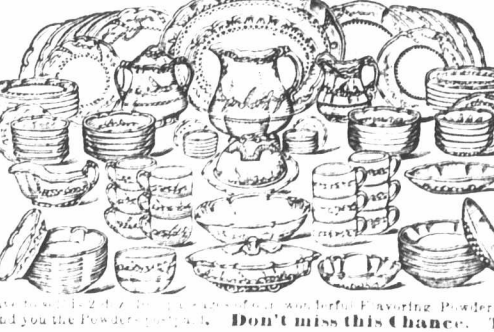
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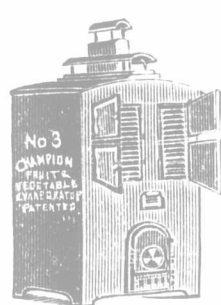
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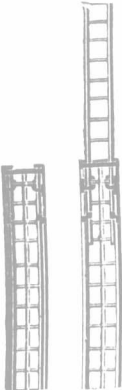


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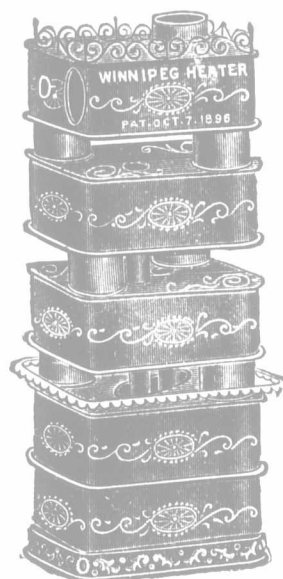
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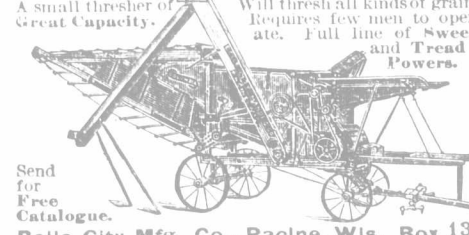
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