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A Paper for Farmers and Stockmen

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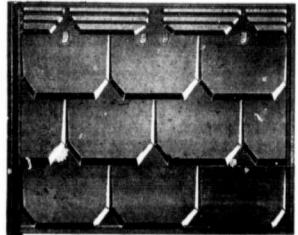
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If by any chance subscribers overlooked reading the eight-page supplement in last week's FARMING WORLD making announcement of our plans for the new season of 1900-1901, with illustrated list of the generous premiums we are offering, let us emphasize the importance of turning at once to that issue and reading the story there told.

We have planned for a large increase in circulation for the year ahead, and the premiums we offer must help in that direction. We count on subscribers helping, and for that reason repeat—**read the eight-page two-color supplement in last week's Farming World.**

- We will be glad to send a copy of last week's paper to any friends
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THE FARMING WORLD

Confederation Life Building, TORONTO

The Farming World

For Farmers and Stockmen

VOL. XVIII.

SEPTEMBER 11th, 1900.

No. 2

Some Thoughts on the Fair

The Industrial Exposition, as the reports elsewhere show, has again demonstrated that it has no rival as the greatest all-round agricultural fair on this continent. While this is the case, no one, not even those directly concerned with its management, will for a moment assume that it has reached perfection. There are many features which should and must be improved upon if the Toronto Fair is to hold its own and take the place which its many friends expect it to take. The one thing above all others that is preventing advancement at the present time is the lack of suitable buildings and accommodation for exhibits. Ten years ago the buildings on the grounds were quite adequate to the requirements at that time. But this country has grown rapidly in these years and its agricultural resources have greatly developed. This advancement has brought with it more producers of fine stock and farm products of all kinds and greatly increased the number of exhibitors, who require accommodation. While the Toronto Fair has kept pace with the progress in the country in many respects, it has not done so in so far as buildings and equipment are concerned.

We believe the management of the Industrial fully realize the need of larger and better accommodation and are willing to do all in their power to meet the wishes of exhibitors in this particular. But it requires capital, and a large amount at that, to equip a great show. Look for one moment at the large amounts expended on the Paris Exposition and at Buffalo at the present time in preparation for the Pan-American next year. All such enterprises are assisted from the public treasury to the tune of millions of dollars. While no such sums would be required to fully equip the Industrial, yet a considerable amount is needed and much more than can be secured from the excess of receipts over expenditures at any annual fair. This is the exact position of things so far as the Industrial is concerned, and if our governments cannot be induced to come forward handsomely in the way of a grant for building purposes the funds have got to come from some other source. The only other source from which they can come is the city of Toronto, and it is to be hoped that the good people of this fair city will deal generously with the by-law for money for Industrial Fair purposes when it is submitted as we understand it will be within the next few months. The Industrial needs the money and the whole Dominion would greatly appreciate the gift. Nothing that the city of Toronto could do would advertise the city abroad better than thoroughly equipping the Industrial Fair in the way of buildings and accommodation for exhibitors. The Fair

belongs to Toronto and the citizens have a responsibility in connection with it that must not be shirked when the time to act arrives.

Two features of the show this year indicate progress along educational lines. These are the butter-making competition and the live stock judging contest. Until last year, when the butter-making feature was introduced, no individual could secure a prize for his skill displayed in person at the Fair. This year we have the judging competition added and now have two features in which the individual has an opportunity to exhibit his skill in person and not through good stock or a high quality of product. These two innovations are directly along educational lines, and if we had more of them there would be no need of special attractions to draw crowds. With a properly-equipped building for the butter-making competition and a suitable arena for the judging contest, these would prove great drawing cards.

The methods of judging live stock and other agricultural exhibits are capable of being greatly improved upon. Why would it not be possible for the judges, in making awards, to give reasons why prizes go to certain animals and not to others? Something along this line is greatly needed in order to make the Fair of the greatest educational value. If a small grand stand were erected in the ring where the various animals are judged, and the judging done directly before it, so that visitors could see the methods and hear the reasons for certain decisions, there would be less grumbling about the awards, and the Fair throughout would have a much greater educational value than it has at the present time.

These are suggestions along lines upon which we think advancement could be made, and it is for those in charge to accept them or not as they see fit. The fall fair, as we understand it, is not run altogether for the money there is in it, and the aim should be, as far as possible, to make it of the greatest educational value to the country at large. True, it is looked upon by many as only an outing for those on pleasure bent, but it has another and much more important mission to fulfil in educating our own people on lines of progress and in showing visitors from abroad our resources and capabilities as a nation.

The report of the Industrial Fair in this issue will be found interesting reading. It contains fully 16 pages of solid reading matter of value to every farmer. Everything in the agricultural line is dealt with, except poultry, a report of which will appear next issue. This full report, appearing as it does immediately after the exhibition is over, shows the advantage of a weekly agricultural paper.

Co-Operation in the Export of Produce

It will astonish many people to learn that in 1899 the value of the principal food products imported by Great Britain amounted to 620 million dollars and that of this Canada contributed only seven per cent.

The problem that has to be solved by the farmers of this country is how to capture this market, in other words, how to produce, how to pack, how to ship, and how to sell. Professor Robertson estimates that this country can readily supply Great Britain with one-third of the principal food stuffs she consumes, and we do not believe that he has overshot the mark, for, if we have much to accomplish and much to learn, we have only just begun to set ourselves in earnest to the task.

We have improved in fruit culture and scientific cultivation of the soil, we have made satisfactory progress in the manufacture of our cheese and butter, and we are working hard to perfect our system of cold storage. But stupid, dishonest packing is still rampant amongst us, and hitherto we have not seen any really intelligent attempt to market Canadian farm products in Great Britain.

It is not surprising that the farmer has preferred to sell his produce for what he can get to a middleman, rather than himself ship to the British market, for he has been completely at the mercy of the receiver in the Old Country. How could the shipper know who was to be trusted and who was not? If the English broker claimed that the goods were damaged, or not in accordance with contract, how could the shipper in Canada fight against him? And there were no means of checking the charges that were made in accounts of sale. The English broker has been in the habit of adding to his commission extra charges which on this side of the water are unknown, such as cooperage, cataloguing, selecting, grading and etceteras, so that the shipper never really knew what amount would be deducted from the proceeds of his shipments.

It is gratifying to learn that at last these difficulties have been grappled with in a business manner, without attempting to depart, as others have done, from the established channels of trade. We have before us the literature of the European Exporters' Association of Toronto, Limited, an incorporated company with an authorized capital of \$100,000, organized for the protection of Canadian shippers. The Premier of Ontario is the president and Mr. James Scott vice-president, and the list of shareholders includes men like Sir Charles Tupper, Sir Wm. Howland, Hon. Geo. E. Foster, Messrs. Reuben Millichamp, S. F. McKinnon, and R. Bickerdike, late president of the Montreal Board of Trade, besides a number of well-known men in England, of whom, perhaps, Mr. Henniker Heaton, of penny postage fame, is best known in Canada. The association has offices in Toronto, Montreal and London, England, and an extensive system of agents at Canadian and British ports.

The association undertakes, on behalf of Canadian exporters, to arrange freight contracts, to attend to the stowage and prompt transportation of shipments and to investigate any claims that may be made by receivers, and report. Only one receiver is selected at each port for each kind of produce. The best man is chosen, and the best possible terms are made with him.

Canadian exporters can thus, by co-operation through the association, be guaranteed protection and honest treatment from the consignee in Europe, and the larger the volume of business that flows through this channel, the stronger and more effective will be the guarantee. Each receiver nominated by the association has always present before him the knowledge that, if dealings with him are not satisfactory, the trade will be given to another firm, and there are plenty who are anxious to get it.

The principle of co-operation has been successfully adopted by Canadian farmers in the management of cheese factories and creameries. We should like to see the same principle applied to the packing and shipping of apples.

We can see no reason why the different horticultural societies should not undertake this work just as is done by the fruit associations in Florida and California, where each association employs its own expert packers and has its own brand. For all such associations, as well as individual shippers of all kinds of produce, the European Exporters' Association will prove an invaluable agency. It supplies the link that was wanted in the perfection of our export system, and promises to play a very important part in the development of Canadian export trade.

The Insect Invasion of British Columbia

By Our Own Correspondent

No doubt your readers will be interested to hear some account of the plague of caterpillars from which British Columbia has been suffering this year,—and not British Columbia alone, but the whole Pacific coast as far down, I believe, as California. The pest rejoices in a long name,—*peridromia sancta* it is called and it is, properly speaking, a cut worm, the caterpillar of a small brown moth. How the plague arose no one can tell. I suppose the climatic conditions were favorable for one thing, and there seemed to be a remarkable decrease in the numbers of their natural enemies, the small birds. Why these latter should be so scarce is another enigma. What we do know is that about May the caterpillars began to be a nuisance. Through the next two months their numbers swelled, until by the end of July we realized that we were suffering from a visitation of the very worst kind. In a single night they would appear,—goodness knows where from,—at one end of a flourishing field of peas or roots and in a few hours that patch would be a desolated wilderness of tough hard stalks, rapidly browning in the sun. They devoured everything, the peas in the pod, the carrots and potatoes in the earth, weeds and all. Everywhere the ground was alive with their countless crawling millions. The noise of their feeding has been compared to the pattering of rain upon a roof, and they exuded a sickly, putrid smell.

Then came the cry for remedies. Some used Paris green in the form of a spray, others mixed it with bran and placed it in heaps about the fields. The worms laughed at the spray, they just rejected the green stuff on the tops and eat all the harder at the roots in the ground. As for the heaps of bran, they just killed friend and foe alike, in fact there was no limit to what they would kill, except caterpillars. Another remedy was found in saturating the ground with kerosene and whale oil soap, and this seems to have done some good in small patches.

In most cases, however, no remedies have been attempted. A scheme for dealing on a large scale with countless myriads of moving, feeding insects has yet to be devised. But where man has failed Providence steps in in a very wonderful way. It is very unlikely that this plague will be repeated next year. There is a little fly of the ichneumon species which lays its eggs on the living bodies of these caterpillars, the eggs hatch out, and the result is the destruction of the caterpillar, like Herod he is "eaten of worms."

Altogether the plague has endured from May to the middle of August. About the latter date the caterpillars became gradually less and less active, and gradually entered the chrysalis stage. Almost everywhere where their depredations have been committed, the pupae are now to be found about half an inch below the soil. The crows seem to know this and are diligently grubbing for them, while some farmers help on the good work with a coarse-toothed harrow.

Speaking of crows reminds me that chickens, ducks and turkeys were found quite ineffectual to quell the pest. They soon tired of the too full diet of caterpillar,—chickens are said to have lost condition and it is certain that ducks became affected with a kind of diarrhoea in consequence. It

is early yet to state the exact amount of damage done by this veritable plague of Egypt. That the entire root crop on the Pacific Coast will be reduced by one-half, it is almost certain and the effect of this upon the winter yield of milk and butter cannot be otherwise than very bad.

A Voice from Manitoba

An open letter to F. W. Hodson, Esq., Live Stock Commissioner, Ottawa.

SIR,—Your circular letter, dated March 10, has been sent to me by Mr. Hugh McKellar, of the Department of Agriculture, Winnipeg, asking me to write you my views on some of the questions therein.

1. I strongly recommend the members of the Record Associations being made members of the respective Provincial Associations, and the affiliating of all associations for national undertakings (unity is strength).

2. I am strongly in favor of auction sales of live stock especially for stores and fat cattle; selling pure-bred cattle at auction is a more difficult matter, and I am not quite sure it will be popular in Canada for some time to come, although there is no reason why sales of these kinds should not be conducted on principles advantageous to buyers and sellers, but there is that suspicion that breeders will only send to an auction sale what they cannot sell at home; and until these sales become well attended the buyers would arrange not to run one another at the sale. If these sales are to be conducted at all, my opinion is that they will have to be under the control of the associations, with officials deputed to take entire charge of the sales. Only members of the associations should be allowed to enter animals for sale, and only then on condition that they are to be sold to the highest bidder, and if they are caught



Imported prize-winning Hampshire Down ewe lambs, the property of Hillhurst Stock Farm, Hillhurst Station, Quebec.

employing anyone to run their entry up, or buying same in, to be expelled from the association. If some such rules are established and made known to prospective buyers they would attend these sales with confidence. These sales would be a great advantage to the small breeder.

The introduction of the best class of males to the rank and file of our farmers is the only means whereby we can expect to raise the standard of Canadian cattle.

For the breeders of Ontario there is a market opening up in the Northwest that is only in its infancy. Many of their best males will be required, but the West does not want any second-rate bull, stallion, ram or boar.

My opinion is that if reduced freight rates could be obtained for store stock that a great market could be opened up in the Northwest. Ontario yearlings and even two-year-olds shipped to the Northwest and fed on the ranges would make good shippers for the English market; it is done now to some extent but could be extended vastly if the freight rate could be overcome.

It is a well-known fact that the further north an animal is fed the better the quality of the meat, and the animal is harder and thriftier.

The Americans recognize this fact and buy large quantities of the Manitoba farmers' calves for the ranges on the American side, and at a big price.

This I do not consider any profit to the Manitoba farm-

er; if he was considering his own interest he would not sell a single yearling, as there is always enough coarse grain about any Manitoba farmer's farm to feed his steers for the butcher or the shipper.

I have read with much interest the report of the Live Stock Associations of Ontario, and the report of their fat stock, dairy and dressed poultry show at London. These shows are, in my opinion, more instructive than the summer live stock shows and, I am sure, will do great good to the live stock interests of Canada.

The best of judges and breeders may think they have an ideal animal, but it is on the block the story is told. I am afraid it will be some time before we can establish these shows in Manitoba, but I am looking forward to that time.

Dairying, I am glad to say, is progressing very favorably here—but it is astonishing how little attention is given to raising poultry, and in a country, too, where there are many favorable conditions.

Excuse rather lengthy letter. I wish you every success in your new and wide sphere. Yours truly,
Souris, Man., Aug. 20, 1900. ROBERT I. CRISP.

A Neglected Fruit Market

By James Lawler, formerly of Winnipeg.

To the average Manitoban it is an enigma why that province is so largely supplied with California and Oregon fruit; while Ontario fruit (except apples) is such a scarce article. The Manitoban knows that it takes from eight to twelve days to land California fruit in Winnipeg, and but three or four to bring Ontario fruit; and yet the men from the Pacific coast hold the trade.

Looked at from the standpoint of the Ontario producer the Manitoba market is one that he should decide to make his own. Ontario fruit men do not admit that for apples, pears, grapes and peaches, and for many varieties of plums there is any place superior to their fruit district. If this contention is correct and if it is profitable for Californians to send peaches, plums and pears into Manitoba, then Ontario growers can only justify their neglect of this market on the ground that they have a more profitable one nearer home. But on this point the report is heard with constantly increasing frequency that the Eastern market for Ontario fruit is limited; and efforts are made from time to time to ship the softer fruits to Great Britain. Under these conditions it is hard to understand why the Manitoba market is neglected while expensive attempts are made to reach a market on the other side of the Atlantic.

ODDS IN FAVOR OF ONTARIO.

The odds in favor of the Ontario grower in Manitoba are immense. Most of the people of the Northwest are from Ontario or from some part of Eastern Canada and naturally look to Ontario for their fruit. So far as fruits differ in flavor and texture the Manitoban has a preference for Ontario fruit. There is the duty (put there to develop this very trade), and last of all there is the distance. Yet in spite of all of these advantages the fruit boxes to be seen from Rat Portage to Calgary bear the brands of Oregon, Washington and California fruit growers.

Of course it will be said that the Northwest is but a small country, as regards population, and that its trade is hardly worth more than that of a large city, say Toronto or Montreal; but then the Northwest trade has not been given by Ontario growers one-fifth the study that has been devoted to the trade of either of these two cities. And not only is the Northwest growing much more rapidly than any other part of Canada, but it must also not be forgotten that every eastern city is surrounded by thousands of acres of orchard, that every suburban residence has its orchard and graperies, and that in some lines every little town is a greater producer than consumer of fruit. Opposed to this stands the Northwest, which is, and must be, at all events for many years to come, an orchardless Eden. Every town, village and homestead is a fruit-consuming centre. The one great lack of that country, which has otherwise been so richly endowed by nature, is tree fruit. This is Ontario's opportunity, and every big grower should find

out personally what is required to get and retain that market.

WHAT THE CANADIAN WEST CAN TAKE.

Of late years rumors have been heard of supplies coming from British Columbia, and trial shipments have been made. This ought simply to stir up the Ontario man to get a foothold before his Western rival gets ready for business. It will be a good many years before British Columbia will be a serious rival. The amount of land in our coast province which can at present be devoted to fruit growing is so small in proportion to the large mining and lumbering area, and such a large proportion of the population is supported by the fishing, Klondike and Trans-Pacific trade, that the province is now about as large an importer of fruit as Manitoba. The fruit grower there seems likely to be occupied for a good many years in catching up with the needs of his own province during which time the Ontario man can be building up a solid trade in the prairie section.

Owing to the fact that we have no interprovincial statistics of trade and commerce it is impossible to say what the fruit trade ought to be worth to Ontario, but if we assume that there is a population of 400,000 between Lake Superior and the Rockies, at the low average of \$2 per head we have an aggregate of \$800,000 per year. Fall and winter apples are not usually imported into Manitoba from the United States, but in 1897 the short crop in Ontario was supplemented by the importation of over 18,000 barrels from Missouri and Kansas; while 1,072 barrels were imported into the Northwest, and 9,386 into British Columbia. It would probably be on the conservative side to place the imports of Ontario apples into this country under review at from 100,000 to 120,000 barrels per year in those years when the crop is abundant.

ONTARIO FRUIT BADLY PACKED AND SELECTED.

The reason that Ontario has not had a larger share of the soft fruit trade (and why some apples are coming from Nova Scotia) is explained in one word—poor selection and packing. California fruit, three times as long on the road as Ontario fruit, turns out far better by reason of being packed in shallow trays in layers separated by cardboard. Such fruit will stand being placed on sale from five to ten days after arrival in Winnipeg, while Ontario fruit must be sold at once to prevent its spoiling. It is carelessly selected, packed with too rough handling in deep baskets, and, in the majority of cases, arrives in bad shape.

The Northwest presents a field for the Ontario grower if he will study it, and a field that will be twice or three times as large in ten years as it is to-day, and easier to reach than now. With sound fruit and care in packing the Ontario grower here has a field that will absorb his surplus fruit at profitable prices, and this done the Manitoban will not, as at present, have his patriotism tried by a fruit duty which increases the price of his necessities while it does no good to the Ontario producer.

CORRESPONDENCE

An Interesting Letter From Ireland

Wm. Linton Attends an Auction Sale on the Emerald Isle

Editor THE FARMING WORLD:

I attended the sale of Shorthorns bred by the late W. T. Talbot Crosbie, Esq., at Ardferf Abbey yesterday, and purchased fifteen animals, namely, twelve females and three bulls, ten of the Ardferf Isabellas, three Aylesby Flowers and two Duchesses. The sale was conducted by Mr. John Thornton, who always sells by the sand glass, and the sale was considered very good for this out-of-the-way place, the very south-west corner of Ireland, near the Lakes of Killarney, which I have been all through since I came here. I am not surprised at this having been

called the Emerald Isle. Rural England and Scotland cut no figure beside this country for beauty nor for the hospitality of the inhabitants. But there is a great lack of home industries, no manufacturing and the people indulge too much in the "crater." I saw some Massey-Harris binders on the wharf at Dublin, which I thought a great advertisement for Ontario. I expect to sail on the 1st of Sept. from Glasgow to Quebec on the *Tritonia* of the Donaldson Line.

Tralee, Ireland, Aug. 24, 1900

WM. LINTON.

NOTE.—We are pleased indeed to have this letter from our old friend, Wm. Linton, and we are sure Ontario breeders generally, to whom he is well and favorably known, are glad to know that he has had an enjoyable trip, and wish him a safe return. Like many other Ontario breeders who have visited the Old Land this summer Mr. Linton is bringing with him a large importation of Shorthorns — EDITOR.

The Maritime Fairs

Editor THE FARMING WORLD:

Dairy farming is humming this season. It is the business this year. On Friday (August 11) some three thousand boxes of cheese sold in the Charlottetown board at 9 7/8¢. Last year the cheese product of P.E.I. amounted to about \$600,000, but this year it is expected to reach the million mark, and it will, judging from what is already done in the dairy line. Pastures are keeping up splendidly. The frequent rains make it unnecessary to thus far bring green soiling crops into play. Cows are giving as much milk now as they were in June. Most of the factories are taxed to the utmost limit to handle Monday morning's milk, and several factories cannot take all of Monday's milk at all, so that Tuesday morning brings as much milk as Monday. The large income that will be received for milk this season, coupled with the bountiful crops and the high price paid for butchers' stock, with every expectation of good prices for grain and potatoes next fall, make the condition of the farmers of the Maritime Provinces an enviable one.

There is much enthusiasm over the Maritime Fairs. The three leading fairs, P.E.I., Charlottetown, Sept. 25-28; Halifax, Sept. 14-20, and St. John, International, Sept. 12-20, all combined are offering prizes that, in the aggregate, should attract our stockmen to participate. Both Halifax and Charlottetown are open to the Maritime Provinces only, and St. John is open to the world. It is a pity that the dates of Halifax and St. John clash. Like the two goats, neither would recede, and one or both will suffer in consequence. Charlottetown has, therefore, the best showing, and will naturally be the fair of the Maritime Provinces this autumn. P.E. Island can boast of some eminent herds of cattle. The Eastview Guernseys of E. R. Brown have been prize-winners at St. John and Halifax for years, and are now, I understand, as good as ever. Some day I intend to visit this herd, as well as the Jersey herd of MacMillan & Dawson, and give my impressions to this paper, and perhaps I will leave it till the fairs take place. MacMillan & Dawson own some of the Belvidere Jerseys, as well as a large number directly imported from the Channel Islands. Senator Ferguson's Galloways are not to be despised, neither are Fred Boyver's Shorthorns. Then there are Archibald's Shorthorns and Ayrshires, in Nova Scotia, as well as Black's Herefords, and as for Jerseys, King's Co., N.S., contains almost as many fine animals as the Island of Jersey. Under the stimulus of the New Brunswick Government, and the annual fair, New Brunswick is making rapid progress in cattle breeding. Of all the Maritime Governments New Brunswick is the only one that condescends to help the agriculturist. She only has a Minister of Agriculture who is honestly and conscientiously performing the functions of his office. Nova Scotia considers her mines of more importance than her farms, while P.E. Island is pleased to remain *in status quo*, having no mines to develop, neither does she make any pretence to develop her agricultural wealth. But "all aboard for the Maritime Fairs."

Hermanville, Canada.

J. A. MACDONALD.

The Industrial Fair

A Great Success—Splendid Live Stock—A Fine Agricultural Display

The great Toronto Industrial Exposition of 1900 closed on Saturday last after a most successful two weeks' Fair. The attendance was more evenly distributed than other years, and as the Fair grows older more people visit it during the first week. Farmers' day was an exceptionally large one this year in point of attendance, and at the evening performance there was the largest crowd of the Fair to witness the attractions before the grand stand. The attractions this year were of the usual character, with a special fireworks' display at night, including the siege of Mafeking, which was well put on. The side-show feature was not made so prominent as last year. But while the snake-charmer, the small lady and the wild man from Borneo were very much in evidence, there was no Midway Pleasance with its rather questionable productions to tamper with one's moral backbone or to lure away hard-earned shakels. This is somewhat gratifying, and it is to be hoped that the managements of our larger shows will cater to this side of the fall fair as little as possible.

Never at any previous Fair have we had as many American visitors. These were there by the thousands, and no small proportion of them were farmers, who came to see what their brother farmers on this side of the line could produce. It is satisfactory to note that everyone returned very much impressed with the greatness of this Canada of ours and its capabilities as one of the best all-round agricultural countries on the face of the earth. Every American visitor was of the opinion that there is no other annual fair on the continent equal to the Toronto Industrial.

The absence of the agricultural implement men left a larger blank in the make-up of the Fair than many expected. Farm machinery for years past has always formed an important and interesting feature of every Canadian exhibition. An agricultural show without the self-binder, the mower, the plow, the windmill, the traction engine, the threshing machine and such like useful and necessary implements is a novelty indeed, but one we would not like to see continue forever. It is to be hoped our implement men in future will patronize home fairs as well as the great Paris and other world's exhibitions. Below will be found a detailed report of the live stock and agricultural exhibits.

Horses.

There was a rather better class of thoroughbreds than is usually seen at Toronto, the feature of the show being the animals sent from the stables of J. E. Seagram, of Waterloo, and the fact that this is the first year that these well-known racing stables have sent samples to this exhibition. In the aged class their entries, Connoisseur from Modred-Dixianne, and Golden Badge, out of Ben l'Or-Madge, were placed 1st and 3rd with Wm. Hendrie, Hamilton, 2nd with Harvey out of Himyar-Safety. They made a good trio to head the class. In the class for hunter sires the well-known Wyndham, owned by S. B. Fuller, Woodstock, beat the Kentucky bred Wordburn shown by Quinn Bros. of Brampton, with Joseph Mossip, of Thorndale 3rd with Temple by Tremont. In the younger classes Wm. Hendrie had first for yearling and first for two year olds with two sons of his imported Derwentwater. For sweepstakes stallion Seagram's Connoisseur won the silver medal. In the three-year-old filly class "Haggis" of the Strathclyde filly raced by Dr. Andrew Smith and now owned by R. Beith, Bowmanville, was a winner with Nancy Bell by Springfield second. In the younger classes the Seagram stables had a quartette of winners. In the brood mare class the old veteran, Thistle, repeated her yearly performance of winning the ribbon for best mare of any age. She is owned by Robt. Davie, Toronto. Mr. Strong, Willowdale, had first for a very promising filly.

ROADSTERS.

This year the roadster class was not so largely represented as it has been in past years, but the quality of many of the animals brought out was very good. In the section for aged stallions G. C. Paxton, Port Perry, had the winner in Renville Boy, 24885, by Little Hamilton, 23124. He has good action and has speed as well as good figure and form. G. M. Crawford, Brampton, was second with Gold Watch, in a strong class. In the three-year-old class the 1st and 2nd places were taken by sons of Harry Wilkes. The first owned by A. McDougall, Milton, is called Star Wilkes and the second shown by W. Smith, Woodbridge, is named Billy Hill. The yearling colts were headed by Stanton Boy a get of Stanton Wilkes owned by T. Maddaford, Whitby. There were full classes for fillies and a number of very promising animals shown with well-turned lines and pleasing points as well as likely ones for fast road work. For three-year-old fillies, J. A. Owens, Alloo, was first with J. Natrass second. In two-year-olds H. Tinn, Listowell, first, with J. Owens, second, while for yearling C. B. Fuller, Alloo, and J. Shipley, Charing Cross, got the awards. The class for brood mares brought out several good animals, Mr. Mitchell, Brampton, winning with Nellie, by Gold Leaf. The teams over 15½ were few. Philip Miller, Teeterville, got first for a pair of good movers. In pairs under 15½—K. L. Wilks, Blair, had a very fine pair Victor and Vicar for 1st and J. D. McGibbon, Milton, 2nd. Single roadsters were out in force but not as many as have been seen in this class in former years. T. G. Green, Stony Creek, had the winner over 15½ with S. McBride, Toronto, second, and the same winner had the best driver under 15½, with Charles Head, Guelph, a good 2nd. J. F. Gallanough of Thornhill, had the 3rd place for this class and got the medal for best mare any age.

STANDARD BRED.

This class was headed by S. R. Hogate, Woodstock, with Paronia 15034 by Jersey Wilkes with Altoneer 17495, by Sphinx a good 2nd. He is owned by Fisher & Button, Ringwood. There were but very few young stallions shown. R. Lennox, Toronto had a two-year-old son of Altoneer and B. B. McCarty, Thamesford, a three-year-old son of Fine Points 18773, but neither were able to beat the old horse for the medal. Fillies were very few, not enough to fill the classes. R. Davies, Toronto, had 1st for three-year-old filly in Belle of Chester by Altoneer, and she was awarded the medal for best mare though not without some grumbling from beaten competitors. J. Childs, Eglinton, had the winning two-year-old filly, by Altoneer, who was the sire of all the four fillies shown. R. Davies had the only matched pair, while for single horse in harness there were but half-a-dozen entries. Crow & Murray had the 1st, with F. J. Gallanough, Thornhill, 2nd, and J. A. Tovell, Guelph, 3rd, with Dora Wright a very nice mover.

CARRIAGE AND COACH HORSES.

This was one of the largest classes in the show, having 108 entries, the largest part of these being in the single horse in harness and the pairs of matched teams. J. McCarty, Thamesford, had out the old winner, Graf Bremer, an imported German coach horse and a big, up-standing bay. He was closely followed by Chas. Head, Guelph, with Terrington Boy, and W. C. Brown, Meadowvale, with Prince George, this last an old rival of the first prize horse. There were but two three-year-olds. A. Agar, Nashville, had 1st for Lord Minto, and J. Brinkman, Kilsyth, 2nd for Prince Imperial. The medal horse was found in the two-year-olds, Lord Roberts, shown by J. L. Reid, Derry West. This horse is by the thoroughbred,

Wiley Buckles, and is a fine type of a carriage horse. Oliver & Sons, Derry West, had the only entry for yearling colts, and were awarded 1st prize. For spans over 16 hands, A. Yeager, Simcoe, had the winners in a fine pair of bays with black points, A. Little, Georgetown, being 2nd, and A. Martin, Woodstock, 3rd. E. B. Clancey, Toronto, had the best pairs in the smaller class, with A. Little again 2nd, and C. Head, Guelph, 3rd, with A. Yeager 4th. There was a large class of these teams over 15½ and under 16 hands. There were a score of high standing singles in harness. The award went to a very sightly chestnut shown by A. Yeager, Simcoe, G. H. Gooderham, Toronto, 2nd, with a high-stepping chestnut which goes with a rush. In the class under 16 hands, E. B. Clancy, Toronto, was 1st, and Crow & Murray, Toronto, 2nd. The fillies were a good class. In three-year-olds, J. Starkey, Arkell, was 1st with a daughter of Torrington Boy. The same exhibitor had 3rd for a yearling filly by the hackney, Square Shot, and 3rd for a half-bred hackney foal by Woodland's Performer, a very sweet youngster. In two-year-olds, J. Lawson, Brampton, was 1st with a get of Wiley Buckles, while W. H. McDowell was 2nd with a shining light filly. In yearlings, A. Hewson, Grahamsville, had a nice bay, daughter of Prince Arthur, good enough to capture 1st ticket. W. C. Brown, Meadowdale, had the winning brood mare, Princess Royal, while W. N. Scott, Milton, got 1st for foal. Brown's mare, after a close contest, was awarded the medal for best mare of the carriage class, any age.

HACKNEYS.

There were more hackneys than have been seen in recent years, and there were amongst them some of the best high-steppers that have been seen for some time. They are also in more hands, no less than ten exhibitors entering for the different awards.

Robert. Beith, M.P., Bowmanville, was first for aged stallions with Squire Rickell—74—by Cadet—15—bred in Pennsylvania. He came out in good form and was 20-ing high and fast. He won the sweepstakes medal for best Hackney stallion. Dr. Watson, of Howick, Quebec, was second for Courier bred by Dr. Sewan I Webb—Vermont by Canvasser (114). He is a nice chestnut with a little white behind and is a good type and a grand mover. Third went to A. Little, Georgetown, for Woodland's Performer—68—by Barthorpe Performer, out of Miss Baker. These were three good Hackneys.

Of the others shown there were four imported animals, and some of them with considerable merit. Graham Bros. had the winning 3-year-old in Stampede—103—a chestnut son of Wildfire. H. N. Crossley had in the black two-year-old Royal Oak—78—the only one shown. In three-year-old fillies Queen Dagmar—130—bred by M. H. Cochrane, Hillhurst, was first. She was shown by J. S. James, of St. Catharines. She is a well-known brown, with good all-round action. H. N. Crossley had second with the dark bay Miss Robertson—78—while Danish Lady—129—a roan was third. She is one of those bred at Hillhurst and is now owned by Robt. Davies. R. Beith's Cordelia, a chunky chestnut by Bangero, did not secure a ticket. In two-year-old fillies R. Beith took 1st, 2nd and 3rd with a fine trio, Hermia by Royal Standard being first, Cressida by Gany-mede 3rd out of Lady Aberdeen, second, and Sylvia by Jubilee Chief out of Mona's Queen being third. In yearling fillies Mr. Beith had also 1st and 3rd with a daughter of Mona's Queen, by Squire Rickell, 1st. She is a beautiful youngster and a very square goer. Countess Josephine, shown by H. N. Crossley, was 2nd. She is a bay with white hind feet and is a neat one, but has hardly as good hind action as her rival. R. Davies had the only mare and foal shown. The sweepstakes medal for best Hackney mare, the special for single horse and the English Hackney prize were all captured by Mona's Queen. She is now 11 years old and has had nine foals, a record hard to beat by any mare winning such honors.

The medals offered by the American Hackney Horse Society for animals sired by a registered Hackney sire shown in harness were won by Crow and Murray, Toronto,

with South Africa and Jewel, both beautiful specimens of the high stepper. The same exhibitors had the winners in the special classes for high-steppers not necessarily Hackneys. They had also the first prize dog cart horse and best cob over 14 and under 15 hands. C. Head, of Guelph, got several thirds in these classes, and A. Zeagher, of Simcoe, got second for a chestnut dog cart horse by a Hackney sire.

GENERAL PURPOSE HORSES.

This class was not as large as usual and were of rather a light driving class. C. Head, of Guelph, won for best mare or gelding four years or upwards. J. A. Fuller-Alloa had the winning mare, and she was good enough to get the silver medal and her foal got second place. She is a nice model and was well shown. Andrews Bros., Elmbank, had the prize team, with A. Little, Georgetown, a good second.

HUNTERS AND SADDLE HORSES.

There were nearly two hundred entries in these classes. A great many first-class mounts were brought out. George Pepper, Toronto, had a wonderfully good string of saddle horses and got the bulk of the awards. In some of the classes he got first, second and third. In Green Hunters F. & S. Calloway, Guelph, had a fine mount in Wason and got the first prize. L. Meredith, London, got the award in the Heavyweights. For Four-in-Hands A. Yeager, Simcoe, had the winners and also the second for Tandems, first in that class going to Crow & Murray, Toronto.

PONIES.

The show of ponies was larger than the past years, and some very fine specimens were shown. C. Stewart, of Harrowsmith, won in the class under 13½ hands, with D. Decow, Middlemiss, second and third with animals on blood like lines. M. Baker, Woodstock, got first for a fine specimen under 13½. Altogether the ponies were a taking lot, and the show was a creditable one.

HEAVY DRAUGHT HORSES.

In the Canadian-bred class, open to animals sired by either Shire or Clyde there was a good show of serviceable animals. It was a noticeable thing that while the animals shown need not be registered that the winning animals were all recorded in the male classes. A. Doherty, Ellesmere, came first, with his Prince of Blantyre, and [2239] by Prince of Quality. He has developed into a good cart-horse sire. Second went to W. F. Broad, Lindsay, for Grant Lad [2338] a dark bay with four white socks. For three year olds, R. Newman, Woodford, had a big brown son of Sir Walter [1131] that got first. He is a well-built animal, but might have heavier bone. In two-year-olds, John Millar & Son, Brougham, showed "Lord Roberts" [2544] which not only won in his class but secured the sweepstakes medal for the best stallion any age in the class. There were some good geldings shown and this class of stock is rising steadily in price. A horseman reports that lately in Scotland he saw 18 geldings sold for seventeen hundred pounds which averages about \$475 each. These were bigger, better boned animals than could be got together in Ontario, but it shows the quality of the stock needed to bring paying prices. There is no suer market at the present day than for heavy draught geldings. In terms, George Moore, Waterloo, had first and second prizes for two teams of young geldings. The winners were light bays well matched, and they promise to grow into big ones. Third prize went to P. H. Petrie, Stratford, who had also a very good chunky light bay that took second in the gelding class, W. J. Howard, Amber, winning the first ticket.

In fillies, Hodgkinson & Tisdale, Beaverton, had the medal mare in the three-year-old Royal Princess [2345] after Royal Standard [2220]. D. & O. Sorby, Guelph, had the winning yearling in Charming Star [2713], by Lord Charming [2264]. There were a lot of very good brood mares out. G. Crawford, Oro Station, got 1st with a Farmer's Pride [4364] mare; A. Dogherty winning 2nd with Daisy Belle [2596], and G. Wallace Ponsoby got 3rd with Lady 2nd [2388], by Tam O'Shanter [748].

SHIRES.

The big English breed were not out in large numbers. There were not enough females to fill the sections. Morris, Stone & Wellington had the only brood mare shown, a bay with three white legs and not overlaid with show fat. She had a foal of good quality at foot, but with light-colored legs and body spotted like some of the old Morgans or the piebald Arabians. The same exhibitors had the only two-year-old filly, a bay with white legs, and a medium mover. For yearlings, J. Gardhouse, Highfield, won with a dark filly by Darnley, a trifle plain, but one that may grow into a good one. The same exhibitor won in the 3-year-old class and got the silver medal for a bay mare—neat but not big, a daughter of Pride of Hatfield [256]. These seven females of all ages made up the Shire exhibit for females. There were no stallions under three years shown. The 3-year-old class was rather a good one. First prize went to Bawden & McDowell, Exeter, for Calthorpe Loyalty (17867). He is a tall, brown colt with white hind socks and lots of very heavy hair about his legs. Second place went to Hogate & Co., Toronto, for Grounds-low Charming [289] a different type—smaller, chunky, a bay with three white feet and one that moved well and squarely, and a favorite outside the ring. Third place went to Morris, Stone & Wellington, for Mars [275] a bay with white hind legs. He is well ribbed but did not go perfectly straight on his front feet. In the aged stallion class Bawden & McDowell have a good one in Belshazzar (13855) a big thick horse of great size at a good type. He won the silver medal. Second place went to Morris, Stone & Wellington for Pride of Hatfield [256] and third to P. Herold, V.S., Tavistock, for his Yorkshire Lad 9th [293] a black imported horse with long, strong legs.

CLYDESDALES.

The Clyde competition opened with the class for sire and four of his get. Graham Bros., Claremont, showed Macqueen (462), a bay with white hind legs, very thick fleshed and with a short curved back and great thighs. He was bred by Peter Kerr, Ballymack, Balmaghie, and is by Macgregor (1487), whom he resembles. With him was shown four of his get, uniform in character. He was placed 1st, with D. & O. Sorby, Guelph, 2nd with Lord Charming [2264], bred by Col. Holloway, Alexis, Illinois. He had four good ones following. In the aged class this horse got 4th. Third went to T. H. Hazard, of Millbrook, for Alexander's Heir [2557], a light-colored bay with good quarters and thick body, a son of Prince Alexander (8899). Second went to Robt. Davies for Lyon Macgregor [2308], by Macgregor (1487). This one has been a winner before, and was brought out in heavy flesh. First was given to Graham Bros. for Barron Burgie [2723], a very taking horse, a flash goer, fat and thick, with good shoulder and nice head. He is a beautiful bay with white on hind legs, and is by Darnley Again (9182).

In the three-year-olds J. M. Gardhouse, Highfield, was first with King of the Clydes [2569], the winner at the spring show—a big horse. Graham Bros. had second with Bold Knight [2437], by MacInnes [536]. There was a good class of two-year-old colts shown—a dozen entries. Graham Bros. had first for Royal Cairnton [2730], by Royal Standard (9847). R. Davies was second with King Lynedoch [2378], by King's Own [2172], and John Stewart, Springbank, had a good third with a heavy-bodied bay with white feet—a good mover. R. Ness was put first with an imported Baron's Pride (9122) colt, a brown with white behind. D. & O. Sorby won first and second with a pair of yearling colts, by Lord Charming [2264], of very good quality. Baron Brogie was awarded the champion medal.

In the filly classes the only three-year-old out was a Royal Standard filly shown by Graham Bros. The same exhibitors had first and second for two-year-olds bred by Col. Holloway. Only two yearlings were out. R. Davies had first, and D. & O. Sorby second for a well-matched pair. Graham Bros. has first and third for mares, with D. & O. Sorby second. The former also won with Cherry

Sweet [2787], by Celtic, for mare and two of her progeny, while D. & O. Sorby won for the span of Clydes with Princess Alexandra [2300] and Sarcie Sars [2313]. I. Devitt & Sons, Trueman, Ont., showed a pair of nice even mares home-bred, which secured second place. Graham Bros.' Royal Lady [2344] got the sweepstakes medal.

CATTLE.

Taking all the breeds together there were rather fewer animals in the cattle sheds than last year. When we consider that there were no Guernseys entered and that the class for Devons had been cut out, while there were fewer Jerseys and slightly less Holsteins and Galloways, we see that there must be a remarkable increase in some of the remaining breeds. This is most noticeable in Shorthorns and Ayrshires, while Herefords also bulked up more largely.

SHORTHORNS.

The total number of entries of Shorthorns was 178 as against 136 last year. The aged and 2-year-old bull sections were rather weak, as a whole, but the younger sections and some of the female classes were good, especially those for yearling heifers and heifer calves. As in 1899, the Dominion Shorthorn Breeders' Association contributed no less than \$750 towards the prizes given to the breed and this, no doubt, accounted for such a large turnout of the "red, white and roans."

Out of the six aged bulls the winner was found in Charles Dickens, a 4-year-old red and white, bred by Messrs. Watt, and repurchased by them a short time ago from a breeder to whom they had previously sold him. He is by Royal Sailor and is of a good even sort, smooth, with good length of quarter, while not too big. J. & W. Russell's Duncan Stanley came in second as he did last year. He has plenty of substance but has not the smoothness of the others. Wm. Grainger & Sons Beau Ideal, a red, by Sibleton Stamp, bred by John Miller & Sons, Brougham, a good topped bull with a full crest, was 3rd. There were no 3-year-olds entered.

Although there were five 2-year-olds in the catalogue, but three were shown, and this section was not very strong. They were J. & P. Crerar's imported Captain Mayfly, J. & W. Russell's home-bred Royal Bounty and John Fried & Sons' imported Kinellar Stamp. The first named is by Captain of the Guard and was the thickest bull of the three and had the best top. He won the red ribbon. Royal Bounty, who handles well, but is rather on the small side and not quite as even as he might be, was placed 2nd, with Kinellar Stamp, a smooth fellow, but not enough depth of body, 3rd. Yearling bulls were a much better class. Here Capt. Robson's capital white, First Choice, bred by Messrs. Watt and sired by Judge, made a good 1st. He is a remarkably even bull all over, except for a little at the tail head and has an excellent skin. Second prize went to the Duthie-bred bull, Joy of Morning, by Pride of Morning, a bull strong in the loin, a good handler, perhaps a little slack at the back of his shoulders, but otherwise of a very taking style. In head and front he greatly resembles the Earl of Mar imported some years ago by Green Bros., Innerkip. The Hillhurst farm had also the 3rd winner, Hillhurst Baronet, a red bull of good promise. Forty-one bull calves had been entered, but sales, sickness and the careful inspection of each other's stock by exhibitors after their arrival on the grounds reduced the number brought into the ring to no more than twenty, and of these some were below the average. Watts' red Royal Wonder, by Royal Sailor, received first honors. He has a good top and shoulder, but lacks somewhat in handling qualities. Captain Robson's twin, Ribbon's Choice, in color red, with some white markings, a good calf, that handled nicely, came 2nd, and the same owner's White Royal Bob, a mossy-coated thing, 3rd, a place to which he seemed scarcely entitled, as Goodfellow Bros.' roan, which came in 4th, and W. C. Edwards' Knight Errant, which took 5th place, were thought better calves than he. W. C. Edwards also showed a very well-fitted roan by Marquis of Zenda, which greatly resembles his sire in quality

and general appearance. The sweepstakes for bulls went to Capt. Robson's white yearling, First Choice.

Six aged cows faced the judges, who very properly placed J. & W. Russell's red Nonpareil 52nd at the top. She is a cow of immense substance, as near a parallelogram in form as can be, and her only fault is a little fullness at the tail head, which can be excused when the rest of her conformation is so excellent. For 2nd place was selected Capt. Robson's Freida, shown last year by Harry Smith, a blocky cow with a splendid shoulder and fore-rib, and for 3rd Messrs. Russell's roan, Centennial Isabella 35th, which won 1st here last year. The latter has plenty of size, but is patchy, and it was thought that Goodfellow Bros.' red, not over large, but of very nice type and great smoothness, would have come in ahead of her. J. & P. Crerar also had a smooth red, not highly fitted, that was well worthy of inspection. Three-year-olds were only a fair section. Messrs. Russell's Centennial Isabella 45th, a red, was properly put 1st. J. & P. Crerar's imported Ballechin Daisy, a good-topped cow, that was heavy in calf, and not very highly fitted, stood 2nd, and Goodfellow Bros.' roan, Salem Stamford, bred by Watt, 3rd. Five 2-year-olds out of six were shown, Crerar's imported heifer having unfortunately met with an accident. Messrs. Russell were again successful, winning 1st and 2nd with Centennial Isabella 47th and Nonpareil 58th, both of a big type. Capt. Robson's imported Craibstone Baroness, bought at W. D. Flatt's sale at Chicago, was not in show shape, though good in form. Yearlings made up the best display of heifers of that age that we have ever seen at the Toronto Industrial or any other show. Five prizes were offered this year in this section, and out of twenty-five heifers entered fourteen fine ones faced the judges. Messrs. Watt had the honor of heading the ring with Mildred 8th, a large, mossy-coated roan, while the blue ribbon also went to their herd for Matchless 25th, a full sister to the champion female of last year here. Capt. Robson had the 3rd and 4th prize-winners in two capital roans, Lady Sowerby and Lavinia's Blossom 3rd, while the Hillhurst Farm, which showed some very nice roans that were imported, took 5th on a sweet heifer, Fancy Lady, another of theirs, Carnation, being close up, and, in fact, they might both have been higher up. The judging in the heifer calf section was rather a surprise. Most people had selected Crerar's light red and white Gem of Ballechin 2nd for 1st place. This is a calf with a great top and well ribbed, and very nice all over, except, perhaps, as regards its head, but it was only put 5th, 1st going to Goodfellow Bros.' Golden Pansy, a calf of many good points, but which stood badly on its hind legs; 2nd to Messrs. Edwards' Lady Hamilton, by Marquis of Zenda, a very sweet, dark roan; 3rd to Capt. Robson's Lady Zoe 5th, another good one, and 4th to Messrs. Nicholson's growthy white, Vacuna 56th. Messrs. Edwards also showed a nice, light roan and a red, which were unplaced. The sweepstakes for females was properly sent to Messrs. Russell's aged red cow, Nonpareil 52nd. The four prizes for four calves bred and owned by exhibitor fell to W. C. Edwards & Co., J. & W. B. Watt, R. & S. Nicholson and T. Douglas & Son, in the order named. J. & W. Russell were 1st and J. & W. B. Watt 2nd for four females bred and owned by exhibitor, the former having their 1st and 3rd prize aged cows in their string. For three animals, the get of one bull, there were four trios, the two prizes being sent to Messrs. Watt and Russell, respectively, although Edwards & Co.'s and Capt. Robson's strings were looked upon as likely winners. Capt. Robson was 1st, Messrs. Watt 2nd and Hillhurst Farm 3rd for young herd, the latter, however, being strong favorites among many of the spectators, on account of their great uniformity and quality. In the older herd section, Messrs. Russell won, Capt. Robson being 2nd and Messrs. Watt 3rd.

AWARDS.

Bull, four years old and upwards—1st, J. & W. B. Watt, Salems; 2nd, J. & W. Russell, Richmond Hill; 3rd, W. Grainger & Son, Londesboro. Bull, 2 years old and under three—1st, J. & P. Crerar, Shakespeare; 2nd, J. & W. Russell; 3rd, J. Fried & Son, Roseville

Bull, one year old and under two—1st, T. E. Robson, Iderton; 2nd 1st, J. & W. B. Watt; 2nd and 3rd, T. E. Robson; 4th, Goodfellow Bros, Macville; 5th, W. C. Edwards & Co., Rockland. Bull of over—1st, T. E. Robson (First Choice). Cow, four years old and over—1st and 2nd, J. & W. Russell; 2nd, T. E. Robson. Cow, three years old and under four—1st, J. & W. Russell; 2nd, J. & P. Crerar; 3rd, Goodfellow Bros.; 2nd, W. C. Edwards & Co.; 3rd, T. E. Robson; 4th, R. & S. Nicholson; 5th, J. & P. Crerar. Female of any age—1st, J. & W. Russell (Nonpareil 52nd). Four calves, bred and owned by exhibitor—1st, W. C. Edwards & Co.; 2nd, J. & W. B. Watt; 3rd, R. & S. Nicholson; 4th, T. Douglas & J. & W. Russell; 2nd, J. & W. B. Watt. Best three animals, get of one bull—1st, J. & W. B. Watt; 2nd, J. & W. Russell. Bull and four females, under two years, owned by exhibitor—1st, T. E. Robson; 2nd, J. & W. B. Watt; 3rd, Hillhurst Farm. Herd of one bull and four females, over one year—1st, J. & W. Russell; 2nd, T. E. Robson; 3rd, J. & W. B. Watt.

Judges.—Wm. Mackintosh, Bargoynie; Hugh Thomson, St. Mary's.

HEREFORDS.

Herefords were much better represented even than last year both as regards numbers and quality, there being full competition in every section except in the aged bull section, where H. D. Smith, Compton, had it all to himself. But it would have taken a remarkably good bull to get over Mark Hanna, who has done splendidly since last year. He was good enough for the sweepstakes then, though only a 2-year-old. His upper and lower lines are excellent, his shoulder, loin, back and hams leaving nothing to be desired. He was given the red ribbon in his class and also the sweepstakes once more. 1st and 2nd for 2-year olds also went to Mr. Smith, who showed Amos 5th of Ingleside and Sir Ingleside. The former is best on the shoulder; the latter excels in his hind quarters. The Stone Stock Co's imported bull, Baronet, was placed 3rd. He has made steady progress since last year, but stands awkwardly in front. H. D. Smith again won with a deep son of Sir Horace in the yearling class, Mr. Hunter's entry Young Actor, a lengthy bull bred by Vanhatta & Son, Fowler, Ind., not being well fitted for show. A tidy little bull calf carried 1st honors for the Stone Stock Co. in his section and the same exhibitors were also 2nd with one nearly as good, a bigger entry of Hunter's coming in 3rd. Among the cows 4 years old and over all three prizes went to H. D. Smith, but we thought the order in which they were placed should have been different. Chatterbox, last year's 1st prize-winner as a 3-year-old, a good, thick deep cow, somewhat uneven at the tail head, was placed 1st; Lady Rupert, a very smooth cow with a capital top and in the best of bloom, and whom we preferred for 1st place, was put 2nd, and Duxmoor Brenda 3rd. Lady Rupert, by the bye, is almost a full sister to the Rupert bull that sold for \$3,000 at Nave's sale in Chicago not long ago. Smith's Sylvan 7th of Ingleside, who had a good head and fronts but was roughish at the tail heads was selected for the head of the 3-year-old section, the same owner's Lady Bountiful, an animal of greater depth, being 3rd, and the Stone Stock Co's Ionic, a very fair cow, 3rd. It was generally expected that Smith's very thick low set 2-year-old heifer, Laura of Ingleside, would come in 1st, but the judges put a rather leggy entry of the Stone Stock Co. before her, and sent third to Hunter's Brenda 4th, another of his Van Natta purchases. The Stone Stock Co. had an undoubted winner in the yearling section in Graceful, an exceedingly promising heifer, that afterwards ran Smith's Chatterbox very close indeed for championship honors, the older cow's greater depth of body alone carrying the day for her. The Compton herd were 2nd and 3rd for yearling heifers. 1st for heifer calves went to the Stone Stock Co., and 2nd and 3rd to Hunter. Smith won 1st and 3rd for herds and Stone 2nd.

AWARDS.

Bull, three years old and upwards—1st, H. D. Smith, Compton, Que. Bull, two years old—1st and 2nd, H. D. Smith; 3rd, Stone Stock Co., Guelph. Bull, one year old—1st, H. D. Smith; 2nd, W. H. Hunter, The Maples. Bull calf, under one year—1st and 2nd,

Stone Stock Co.; 3rd, W. H. Hunter. Bull, any age—1st, H. D. Smith (Mark Hanna). Cow, four years old and upwards—1st, 2nd and 3rd, H. D. Smith. Cow, three years old—1st and 3rd, H. D. Smith; 2nd, H. D. Smith; 3rd, W. H. Hunter. Heifer, two years old—1st, Stone Stock Co.; 2nd, H. D. Smith; 3rd, W. H. Hunter. Heifer, one year old—1st, Stone Stock Co.; 2nd and 3rd, H. D. Smith. Heifer calf, under one year—1st, Stone Stock Co.; 2nd and 3rd, W. H. Hunter. Herd, of one bull and four females, over one year old—1st and 3rd, H. D. Smith; 2nd, Stone Stock Co.

Judges.—R. J. Mackie, Ottawa; Caleb Rawlings, Ravenswood.

POLLED ANGUS.

This breed had a good average representation. Of the two aged bulls shown there was no difficulty in selecting Jas. Bowman's Kyma's Heir for premium honors. He is as smooth as ever, has plenty of size and constitution, and was in good bloom. W. Stewart & Son's Lucretius 2nd, bred by Walter Hall, which won 1st here last year as a two-year-old, was rather thin in condition, and, consequently, did not show to advantage. He won 2nd. In the two-year-old section Hall had it all his own way, Aberdeen being 1st and Laird of Tweedhill 2nd, the first the smoothest, the latter having greater length and being free from coarseness. Last year as yearlings they stood in inverted order. Jas. Bowman's yearling bull, Duke of Erin, a capital handler, won 1st in his section, with Stewart & Son's Hope On of Willow Grove, who was not fitted up, 2nd. Jas. Bowman's 2 bull calves, the 1st prize one, Elm Park Laird 2nd, a youngster of good shape, the other, Elm Park Stamp 2nd, both by Kyma's Heir, were 1st and 2nd for calves, Stewart's entry coming 3rd. Bowman's aged bull carried off the sweepstakes for bull of any age. Walter Hall's Lady Aberdeen, a typical headed cow, whose qualities, however, were rather of the Shorthorn type, was placed 1st in the aged cow section, with the neat Newtona 2nd 3rd, and Bowman's Heather Belle 2nd. Last year Newtona's Favorite, which was unnoticed in this ring, led the class, Newtona 2nd being 2nd there, and Heather Belle 3rd. The latter is a very compact cow. Bowman's three-year-old earned the highest honors, being very thick. Hall and Stewart were next in order. Hall, Bowman and Stewart was the order in two-year-olds, Hall having a good one. Yearlings were a very even lot. Hall got 1st and 3rd and Bowman 2nd. Both the red and blue ticket for heifer calves went to Hall, Stewart getting 3rd. The sweepstakes for females was secured by Hall with his two-year-old heifer. Bowman won the herd prize, Hall being 2nd and 3rd.

AWARDS.

Bull, three years old and upward—1st, Jas. Bowman, Guelph; 2nd, W. Stewart & Son, Lucasville. Bull, two years old—1st and 2nd, W. Hall, Washington. Bull, one year old—1st, Jas. Bowman; 2nd, W. Stewart & Son. Bull calf, under one year—1st and 2nd, Jas. Bowman; 3rd, W. Stewart & Son. Bull, of any age—1st, Jas. Bowman (Kyma's Heir). Cow, four years old and upwards—1st and 3rd, W. Hall; 2nd, Jas. Bowman. Cow, three years old—1st, Jas. Bowman; 2nd, W. Hall; 3rd, W. Stewart & Son. Heifer, two years old—1st, W. Hall; 2nd, Jas. Bowman; 3rd, W. Stewart & Son. Heifer, one year old—1st and 3rd, W. Hall; 2nd, Jas. Bowman. Heifer calf, under one year—1st and 2nd, W. Hall; 3rd, W. Stewart & Son. Herd, of one bull and four females—1st, Jas. Bowman; 2nd and 3rd, W. Hall. Female, of any age—1st, W. Hall, Newtona's Promise.

Judges.—Jas. McNeil, Maple; John Miller, Markham.

GALLOWAYS.

In this class the competition was not so keen as in some years. Both John Sibbald, Annan, and T. Lloyd Jones, Burford, who showed last year, were absent, and the contest, consequently, lay altogether between David McCrae, Guelph, and A. M. & R. Shaw, Brantford. Geo. Isaac, Fenelon Falls, had entered a two-year-old bull, but he was not forward. In the aged bull class we missed that old-time winner in many a fight, Canadian Borderer. D. McCrae won with his imported Lord Wedholme, who won 1st at the Highland and Agricultural Society's show at Kelso two years ago, since when he has not been shown till this fall at the Toronto Industrial. He was bred by the Duke of Buccleuch, and has good Galloway characteristics. A. M. & R. Shaw's handsome McCartney was placed 2nd. D. McCrae again won in the two-year-old bull class with Dominion Day, a bull bred by Bass, of Fort Wayne. First

for yearlings and 1st and 2nd for bull calves also went his way, Shaw getting 2nd for yearlings and 3rd for bull calves. Lord Wedholme carried the championship honors for McCrae.

There were only three aged cows, but all were good ones. Semiramis 25th, the sweepstakes cow of last year, won 1st, and also again secured the sweepstakes. Semiramis 26th was 2nd. Both are owned by Mr. McCrae. Shaw's Gem 3rd of Drumlanrig was 3rd. McCrae won 1st and 3rd in three-year-olds with a very compact pair, Shaw's entry having a grand coat of hair. McCrae's pair won 1st and 3rd also for two-year-olds, both being daughters of Canadian Borderer. Shaw's Minnie May of High Park was 2nd. Yearling heifers were a fair lot. Shaw's had the best coat of hair and won 1st, McCrae's two coming next. There were three nice calves under the year. The order was McCrae 1st and 2nd and Shaw 3rd. McCrae stood 1st and 3rd for herd and Shaw 2nd.

AWARDS.

Bull, three years old and upwards—1st, D. McCrae, Guelph; 2nd, A. M. & R. Shaw, Brantford. Bull, two years old—1st, D. McCrae. Bull, one year old—1st, D. McCrae; 2nd, A. M. & R. Shaw. Bull calf, under one year—1st and 2nd, D. McCrae; 3rd, A. M. & R. Shaw. Bull, of any age—1st, D. McCrae (Lord Wedholme). Cow, four years old and upwards—1st and 2nd, D. McCrae; 3rd, A. M. & R. Shaw. Cow, three years old—1st and 3rd, D. McCrae; 2nd, A. M. & R. Shaw. Heifer, two years old—1st and 3rd, D. McCrae; 2nd, A. M. & R. Shaw. Heifer, one year old—1st, A. M. & R. Shaw; 2nd and 3rd, D. McCrae. Heifer calf, under one year—1st and 2nd, D. McCrae; 3rd, A. M. & R. Shaw. Herd of one bull and four females—1st and 3rd, D. McCrae; 2nd, A. M. & R. Shaw. Female, of any age—1st, D. McCrae (Semiramis 25th).

Judges.—Jas. McNeil, Maple; John Miller, Markham.

FAT CATTLE.

This class was not so well filled as usual. Jas. Leask had several nicely fitted animals of extra good type, all by that excellent sire, Moneyuffel Lad, who has produced so many prize-winners both in the grade and fat classes for the last few years for Mr. Leask. Prominent among these were the 1st prize 2-year-old steer, the 1st prize yearling steer, and the grand heifer that won in the class for females under 4 years old. Leask's principal opponents were Messrs. Fried & Son, Roseville, who had a very nice 2-year steer, by Lord Willison, who did good service in their herd before they at last disposed of him. They also won for pair of fat cattle with a steer and heifer of bigger type than the pair of smooth heifers shown by Jas. Leask. Jas. Bowman, Guelph, won 2nd in the 4-year-old class for cows with a very smooth pure-bred Polled Angus; he also showed a growthy grade Angus of much promise, but not very fat. J. H. Dingle, Hamilton, showed a very fair red yearling steer which took 2nd, and D. Talbot, Everton, had a fat cow which came in 3rd.

Awards.—Fat steer, 2 years old and under 3—1st, Jas. Leask, Greenbank; 2nd, J. Fried & Son, Roseville. Yearling steer—1st, Jas. Leask; 2nd J. H. Dingle, Hamilton. Steer calf—1st, J. Leask; 2nd and 3rd, J. Fried & Son. Cow, 4 years old and over—1st, J. Leask; 2nd, J. Bowman, Guelph; 3rd, D. Talbot, Everton. Heifer, under 4 years old—1st, J. Leask; 2nd, J. Fried & Son. Pair of fat cattle, not entered in any other section—1st, J. Fried & Son; 2nd, J. Leask.

Judges.—R. Pugsley, Eglinton; D. Rowntree, Weston.

GRADE CATTLE.

Grades were also very slimly represented. W. C. Edwards & Co., Rockland, had 4 cows entered, but they were not brought out. Only two aged cows were present, which represented a great contrast, one being a fine beefy red grade, shown by Jas. Leask, Greenbank, the other a half-bred Jersey owned by L. E. Brandon, Toronto. While the dairy grade was good of its kind it had no show alongside of its big competitor and had to be satisfied with 2nd place. It seems astonishing that the directors of a big show like Toronto have not seen their way to provide two separate classes, one for beef and the other for dairy grades, when Ottawa and even small county fairs have had such for some time past. Of the two good 3-year-old cows Leask's roan won 1st, and Fried & Son's red and white 2nd. Two even two-year-olds competed. Leask again

came in first, with Goodfellow Bros., Macville, a good second. The order for yearlings was the same. Of the four heifer calves shown Fried & Son's was adjudged the best, with Goodfellow's 2nd, and another of Fried's 3rd, all three being promising calves. Leask won for herd of four females, and also the sweepstakes for females with his 2-year-old heifer. All Leask's entries here, too, were by Moneyfuffel Lad.

Awards.—Cow 4 years old and upwards—1st, J. Leask, Greenbank; 2nd, L. E. Brandon, Toronto. Cow 3 years old—1st, J. Leask; 2nd, J. Fried & Son, Roseville. Heifer 2 years old—1st, J. Leask; 2nd, Goodfellow Bros., Macville. Yearling heifer—1st, J. Leask; 2nd, Goodfellow Bros. Heifer calf—1st and 3rd, J. Fried & Son; 2nd, Goodfellow Bros. Four females, over 1 year—1st, J. Leask. Female, any age—1st, J. Leask.

Judges—W. Shunk, Egeley; T. E. Robson, Ilderton.

DAIRY BREEDS.

With the single exception of Ayrshires and Holsteings, the dairy breeds of cattle were not so well represented as they should have been. No Guernseys were entered, and Jerseys were considerably weaker, as a class, than usual. Holsteins were about on a par with last year's exhibit.

AYRSHIRES.

This breed made a grand display all through, the only weak sections being the two for bull calves, and this only because breeders had sold their young stock so closely. Alf. Kains, Byron, who did such good work last year in conjunction with F. S. Peer, Mount Morris, N. Y., was this year the sole arbiter. He did his work carefully, and if he occasionally picked out a different winner from what was generally expected, he might well be excused when the arduous nature of his work is taken into consideration.

Six aged bulls, just as many as were out last year, lined up. Of these, two, Douglasdale of Dam of Aber and Caspian of St. Anne's, were imported, the former being the Ayr Derby champion this year and a thrice crowned champion in Scotland in 1899. He was imported and shown by W. Ogilvie, Lachine Rapids, Que., and was generally looked upon as likely to go to the top of his class. He was, however, not showing off well, on account of sore feet, and perhaps this was the reason why he did not get higher than third, as in conformation and quality he certainly excels. Hume & Co.'s Caspian of St. Anne's did not get into the short leet. W. E. Massey's Silver Prince of St. Louis, a very good bull, with perhaps, just a shade too much beefiness to please the dairy mind, was selected for first place, with N. Dymont's Drummond, who was the 2nd prize two year old bull here in 1898, in a similar position this year. W. Wylie's Uncle Sam, by Baron Renfrew (imp.), and out of the famous cow, Nellie Osborne, it was generally thought, would have stood higher in the list, but had to be content with fourth place. In the two year old section all the three bulls shown were imported. R. Ness came to the front with a Barcheskie bred bull, Duke of Clarence, of Barcheskie, a stylish fellow, neat, showing great quality and a good handler. This bull, later on, was awarded the sweepstakes for males as well. James McCormack & Son were second, and Ogilvie third with two promising bulls. Stewart & Son deserved the 1st prize they won with the yearling bull Hover-a-Blink, who was third as a calf in 1899. Wylie's Cock O' the North of St. Anne's, came in a good second, with Ogilvie's dark brown and white Prince third and Hume's White Cockade fourth in order. Bull calves were not as strong as we have seen them here. McCormack & Son's Royal Salute was first for bull calves not over the twelve months' limit. Ogilvie's Dunraven of Glenora, out of imported parents was 2nd, Stewart's Lord Roberts 3rd, and Wylie's White Prince of Elm Shade, 4th. A smooth youngster of Hume's headed the younger section, the blue ribbon going to Stewart's Henry Wade, who, if he would carry out the best dairy traditions, must not seek to rival the rotund form of the genial gentleman whose name he bears. Ogilvie's Kitchener and Stewart's Young Canada, were, respectively 3rd and 4th.

Aged cows were drawn out fourteen in number, and a grand lot they were. After the four prizes were all awarded there were several old-time winners, such as Jean Armour, Eva of Barcheskie (imp.), and others left out. The Dentonia Farm's Lady Stirling 3rd, who had newly calved and was showing a grand udder and milk veins, beside good general conformation, received the red ribbon, as well as the sweepstakes for the best female. Ogilvie's Mont-gomerie bred Edith of Lessnessock (imp.), a cow of excellent constitution and size, and who was carrying a nice bag and handles well, was chosen for second place, and the same owner's Mayflower 2nd of Drumsuie, one of somewhat similar type, for fourth honors. Stewart's well-known Lady Ottawa, a winner in previous years, of a neat, smooth type, was 3rd. Three year-olds were also good and well shown. Ogilvie's Dandy Lass of Nethercraig, a straight, strong cow that handled well and had a nice display of udder, headed the three-year-old section, a neat entry of Ness' Gertie of Maple Cliff, with a fine skin, being next, Hume's Snowflake being third in order, and Wylie's Sylvia of Elmshade 4th. Hume's Eve's White Pearl, a very nice, smooth heifer, and a second prize winner here last year as a yearling, caught the judge's eye for first place as a two-year-old. Stewart's entry came next, followed by Wylie's Nora of Elmshade (last year's first prize yearling) and Ness' Lady Spottie of Burnside. Little Love, a capital yearling heifer, brought the highest honors to Messrs. Hume in her section, Ogilvie's herd furnishing a choice second prize animal in Glenora Daisy Queen and a fourth prize one in Glenora Sally, while Ness' good, growthy heifer was 3rd. Heifer calves were a nice lot, nine in number, and the prize winners of a very even type. Ness' Lady Bruce was a clear winner, the other three prizes going to Hume and Ogilvie, the latter winning 3rd and 4th with half sisters. Ness was also to the fore in the section for heifers under six months, McCormack, Hume and Hunter winning the other prizes. The premiums for four animals, all by one bull and all bred and owned by the exhibitor, called forth a splendid ring. Hume & Co. secured the red ribbon with the get of White Chief of St. Anne's. The blue ticket fell to Ogilvie's Hartette, who are sired by Comrade of Garlaff (imp.). Harcourt of Burnside is the sire of Ness' lot that came 3rd, while the well-known Jock Morton's stock earned the white ticket for Messrs. McCormack. Ogilvie, Ness, Hume and Wylie was the order for young herds. Ogilvie's herd was headed by Prince, Ness' by Squire of Burnside, Hume's by White Cockade and Wylie's by Cock O' the North of St. Anne's. The prizes for graded herd, consisting of one bull of 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, went to Ogilvie, Hume, Ness and Wylie in the order named. Had Massey's two younger females been better his herd would have taken a better place.

AWARDS.

Bull, three years and upwards—1st, W. E. H. Massey, Coleman; 2nd, N. Dymont, Clappison's; 3rd, W. Ogilvie, Lachine Rapids; 4th, W. Wylie, Howick, Que. Bull, two years old—1st, R. R. Ness, Howick; 2nd, James McCormack & Son, Rockton; 3rd, W. Ogilvie. Yearling bull, W. Stewart & Son, Menie, Ont.; 2nd, W. Wylie; 3rd, W. Ogilvie; 4th, A. Hume & Co., Menie. Bull calf under one year—1st, J. McCormack & Son; 2nd, W. Ogilvie; 3rd, W. Stewart & Son; 4th, W. Wylie. Bull calf, under six months—1st, A. Hume & Co.; 2nd and 4th, W. Stewart & Son; 3rd, W. Ogilvie. Bull, any age—1st, R. R. Ness—Duke Clarence of Barcheskie (imp.). Aged cow—1st, W. E. H. Massey; 2nd and 4th, W. Ogilvie; 3rd, W. Stewart & Son. Cow, three years old—1st, W. Ogilvie; 2nd, R. R. Ness; 3rd, A. Hume & Co.; 4th, W. Wylie. Heifer, two years old—1st, A. Hume & Co.; 2nd, W. Stewart & Son; 3rd, W. Wylie. 4th, R. R. Ness. Heifer, one year old—1st, A. Hume & Co.; 2nd and 4th, W. Ogilvie; 3rd, R. R. Ness. Heifer calf under one year—1st, R. R. Ness; 2nd, A. Hume & Co.; 3rd and 4th, W. Ogilvie. Heifer calf under six months—1st, R. R. Ness; 2nd, J. McCormack & Son; 3rd, A. Hume & Co.; 4th, R. Hunter, jr., Muxville. Four animals, the progeny of one bull—1st, A. Hume & Co.; 2nd, W. Ogilvie; 3rd, R. R. Ness; 4th, J. McCormack & Son. Young herd—1st, W. Ogilvie; 2nd, R. R. Ness; 3rd, A. Hume & Co.; 4th, W. Wylie. Graded herd—1st, W. Ogilvie; 2nd, A. Hume & Co.; 3rd, R. R. Ness; 4th, W. Wylie. Female, any age—1st, W. E. H. Massey (Lady Sterling 3rd).

Judges.—A. Kains, Byron.

JERSEYS.

As mentioned above, this breed was below the average of previous years. One reason, of course, was the absence of American exhibitors, two of whom were present in 1899 with full strings; but, omitting these, we have seen a better display with solely Canadian exhibitors. It goes without saying that there were many superior animals in every section, but the average was certainly not below the mark. Messrs. W. W. Ballantyne, Stratford, and R. Reid, Berlin, officiated as judges, and were as painstaking as possible and did their work most conscientiously.

Four capital aged bulls, varying somewhat in type, answered the call. A good many had selected for first honors Robert Davies' Distinction's Golden, a bull that fully answers the bill as being of a regular Island type and who has also the merit of being a capital sire. The judges, however, preferred W. G. Laidlaw's Prince Frank's Son for the head of the class, sending the blue ticket to Distinction's Golden, the yellow to W. E. H. Massey's Lord of Dentonia, whom critics had picked out for second place next to Mr. Davies' bull, and fourth to Messrs. Bull's Albert Easter, a bull of a larger frame, bred by Valancey Fuller, and for some time in the herd of J. C. Snell, Snelgrove. In the two-year-old bull class the red ribbon rightly fell to W. E. H. Massey's Bim of Dentonia, a half-brother of the first prize aged bull, Prince Frank's Son, but a superior bull to his brother, as was shown when he captured the sweepstakes for bulls of all ages. He has a capital middle, head and frame. L. B. Davidson, Newcastle, a new exhibitor, captured second, with Sir Wilfrid O'Newcastle, an animal of good style and substance, and possessing the additional merit of being quiet. Queen's Leo, one of E. Wicks' two entries, a very smooth fellow, came in third, beating W. G. Laidlaw's King of Beachland, whom he purchased and brought over from Sweet of Buffalo. E. N. Fleming's Canada's Golden Prince, a son of Distinction's Golden, a bull of the highest quality, whose only drawback is a tendency to sag in the back, repeated his last year's performance as a calf by winning 1st as a yearling. David Duncan's Blue Blood of Dentonia was placed 2nd, while Massey's Up-to-Date of Dentonia, another of Distinction's Golden's sons, and a good one, came in 3rd, and R. Davies' Orion Stoke Pogis was 4th. Messrs. Bull came out strong in bull calves, winning 1st and 2nd with Golden Boy of Brampton and Brampton's Golden respectively, 3rd going to R. Davies' Gold Stamp, by Distinction's Golden, and 4th to L. B. Davidson's Eva Bobs' White Buller, an animal that with such a string of distinguished names should surely have been higher in the list, if names counted at all. Only three bull calves under six months were entered. W. G. Laidlaw's Gold Jack of Hearts, sired by his 1st prize aged bull came in 1st, W. E. H. Massey's He's a Daisy of D. P. F., was 2nd, and Bull & Sons' Golden Star of Brampton 3rd.

Aged cows were a weaker class than usual, although sixteen were entered. W. E. H. Massey's Sensation of Dentonia, by the same sire as Lord of Dentonia, was a clear winner. She carried a very nice bag, the fore udder being well developed. She was commended last year in the three-year-old section. The same exhibitors' Dentonia's Island Queen came in 3rd. Robert Davies furnished the second and 4th prize winners in Nita Belle and Glenfield, the former by Golden Hero, the latter by Guerion. Robert Davies came to the front in the three-year-old class with Patience of Prospect, by Ida's Rioter of Prospect, 2nd and 3rd premiums going to Messrs. Bull for two half-sisters, Chaptrel of Brampton and Dolly's Pet of Brampton. Golden Lily May, shown by Mr. Massey, carried off the leading honors among the two-year-olds. R. Davies' Golden Glenfield, by Distinction's Golden, claimed 2nd place, with the same owner's Juno of Prospect 4th and Messrs Bull's daughter of Sir Ollie's, Mermaid of Brampton 3rd. Yearling heifers in milk were fair. Again a daughter of Distinction's Golden carried first honors for the Todmorden herd, Messrs. Bull being 2nd and 3rd, and E. Wicks 4th. Yearling heifers out of milk were a better ring than those in milk, and were twelve in

number. A pair of fine heifers, sired by Distinction's Golden, carried off both the red and blue tickets for Mr. Davies, next to them being a promising heifer of Mr. Massey's. Messrs. Bull were fourth. There were nine heifer calves under one year in the ring. Robert Davies' Distinction's Best, by the same stock bull as the yearlings, proved the winner. Two of Lord of Dentonia's stock won 2nd and 4th for W. E. H. Massey, while David Duncan's daughter of Landseer of Don was 3rd. B. H. Bull & Son had a very promising heifer calf, under six months old, to which was sent the red ribbon. R. Davies' two entries, again by Distinction's Golden, were 2nd and 3rd, and a daughter of W. E. Massey's sweepstakes bull, Bim of Dentonia, was placed 4th. In the section for four animals, the progeny of one bull, all bred and owned by the exhibitor, 1st honors went to R. Davies for the get of Distinction's Golden; 2nd to W. E. H. Massey for Lord of Dentonia's stock; 3rd, B. H. Bull & Son for the progeny of Brampton's Monarch, and 4th to D. Duncan for the offspring of Costa Rica's Son. The prizes for young herds, all animals to be under two years old, and the heifers to be bred by the exhibitor and all to be owned by him, went to R. Davies, W. E. H. Massey, B. H. Bull & Son, and D. Duncan in the order named. In the graded herd the winners were W. E. H. Massey, R. Davies and B. H. Bull & Son.

AWARDS.

Bull, three years old and upwards—1st, W. G. Laidlaw, Wilton Grove; 2nd, R. Davies, Toronto; 3rd, W. E. H. Massey, Coleman; 4, B. H. Bull & Son, Brampton. Bull, two years old—1st, W. E. H. Massey; 2nd, L. B. Davidson, Newcastle; 3rd, E. Wicks, Mount Dennis; 4th, W. G. Laidlaw. Bull, one year old—1st, E. N. Fleming, Toronto; 2nd, D. Duncan, Don; 3rd, W. E. H. Massey; 4th, R. Davies. Bull calf, under one year—1st and 2nd, B. H. Bull & Son; 3rd, R. Davies; 4th, L. B. Davidson. Bull calf, calved after Feb. 1, 1900—1st, W. G. Laidlaw; 2nd, W. E. H. Massey; 3rd, B. H. Bull & Son. Bull, of any age—1st, W. E. H. Massey; 3rd, B. H. Bull & Son. Bull, of any age—1st and 3rd, W. E. H. Massey (Prince of Dentonia). Cow, four years old and upwards—1st and 3rd, W. E. H. Massey; 2nd and 4th, R. Davies. Cow, three years old—1st, R. Davies; 2nd and 3rd, B. H. Bull & Son. Heifer, two years old—1st, W. E. H. Massey; 2nd and 4th, R. Davies; 3rd, B. H. Bull & Son. Heifer, one year old, in milk—1st, R. Davies; 2nd and 3rd, B. H. Bull & Son; 4th, E. Wicks. Heifer, one year old, out of milk—1st and 2nd, R. Davies; 3rd, W. E. H. Massey; 4th, B. H. Bull & Son. Heifer calf, under one year—1st, R. Davies; 2nd and 4th, W. E. H. Massey; 3rd, D. Duncan. Heifer calf, calved after Feb. 1, 1900—1st, B. H. Bull & Son; 2nd and 3rd, R. Davies; 4th, W. E. H. Massey. Four animals, the progeny of one bull, all bred and owned by the exhibitor—1st, R. Davies; 2nd, W. E. H. Massey; 3rd, B. H. Bull & Son; 4th, D. Duncan. Herd of one bull and three heifers, all under two years old—1st, R. Davies; 2nd, W. E. H. Massey; 3rd, B. H. Bull & Son; 4th, D. Duncan. Graded herd—1st, W. E. H. Massey; 2nd, R. Davies; 3rd, B. H. Bull & Son. Female, of any age—1st, W. E. Massey (Sensation of Dentonia).

Judges.—W. W. Ballantyne, Stratford; R. Reid, Berlin.

HOLSTEINS.

Holsteins, though slightly fewer in numbers than last year, made a good average showing. An American judge, A. F. Cole, Morrisville Station, N.Y., made the awards. Although he did not err, like his fellow-countryman who judged the Holsteins in 1899, on the side of undue speed, yet his decisions were by no means satisfactory to the majority of the exhibitors, and it was utterly impossible to discover any settled plan in his judging. At first, his requirements seemed to be a good skin, quality and milk veins, and then, all at once, he would completely upset all calculations by selecting a large animal inclined to coarseness. Why is it necessary to go across the line to get a judge, with the chances that he will be unsatisfactory as has several times been the case? We have quite good enough men here and it ought to be a very simple thing for the Holstein breeders at their annual meeting to ascertain who of their number have no intention of showing and then to appoint one of them as judge. It may be objected that they may have to pass judgment on animals of their own breeding and be prejudiced, but our Canadian Holstein breeders are gentlemen, and we are sure that in such a case they would judge just as impartially as if they had never seen any of the animals before.

Five aged bulls were entered, one more than last year. Count Mink Mercedes once again claimed first honors for

G. W. Clemons. He also secured the championship over all ages, this being the third year in which he has done this feat. He is a bull of excellent dairy type, a splendid handler, with plenty of size and constitution, and is, moreover, kindly in disposition. Geo. Rice's Homestead Albino De Kola light colored bull, with a beautiful silky skin, but just a little undersized, was placed 2nd. Gilroy & Son's Carmen Sylvia's Prince, a son of Carmen Sylvia, as his name indicates, a bull of great substance, but quite smooth and a good handler, was 3rd, and C. M. Keeler's Judge Akkrum De Kol, another big one, but not fitted for show, fourth. In the 2-year-old bull section Rettie Bros.' Worthenall 3rd Sir Pietertje repeated his victory in the yearling class in 1899. He is a smooth bull with good depth of body. The same exhibitors had the 2nd prize animal in Sir Abbekerk Posch, of equal smoothness, but lacking the depth of the other. Gilroy & Son's Jonathan 2nd, another even fellow, of a line of breeding akin to that of Carmen Sylvia was 3rd. Yearlings were four in number. Of these Gilroy & Son's Gillyflower's Paul de Kol, a bull rather inclined to too much substance, was selected for first rank, Rettie's smooth entry coming 2nd, with Rice's two entries 3rd and 4th. C. Clemons had the best bull calf not yet a year old, 2nd and 3rd positions falling to Keeler and Rettie Bros. respectively. The last named exhibitor had a nice young calf under the six months limit which won the red ticket, the order of the other three being Keeler, Clemons and Gilroy & Son. There was a fine ring of aged cows. Here the first prize went to Gilroy & Son's Inka Sylva, which was not in the prize list last year, being down with milk fever, and 3rd to the well-known Carmen Sylvia, who has been in milk for over a year. Clemons' Queen De Kol 2nd, a good milker, who calved the morning of the day of showing was put into second place over the heads of two of his own herd who were decidedly better show cows. The fourth prize winner was Geo. Rice's Daisy Texal 3rd, a cow with a good official test of over 17 lbs. of butter as a 3-year-old. Among the cows unnoticed were Rettie Bros. Highland Cornelia, the sweepstakes cow of last year, and the same owner's Aaltje Posch 4th, whose phenomenal record at the last Provincial Winter Fair is fresh to all minds. Messrs. Gilroy's Gillyflower 2nd, a small, tidy cow, won in the 3-year-old section, followed by Rettie Bros., daughter of Highland Cornelia, followed by Rettie Bros., not as good as her mate Jamaica, M. M. Tryntje, who was (unnoticed), but carrying a good udder. Clemons' Kaetje De Boer 3rd, a rich tester, and Rice's Princess of Norval, whose bag was quite prominent, were 3rd and 4th. In two-year-olds Clemons' Daisy Soidine Clothilde was looked upon as a winner, but did not get above fourth rank, being placed below Keeler's Jewel Sylvia and Gilroy's Carmen Sylvia 2nd and Iona Sylvia. Yearlings in milk were very fair. The order here was Clemons, Rettie Bros., Keeler & Gilroy. The first prize one was not in show condition, but was good, while Rettie's heifer had a nice big udder. Heifers, not in milk, were a fine lot, especially Rettie's 1st prize one. Rice's daughter of Calamity Jane was 2nd; Clemons' Cornelia Colantha 3rd, and Rice's richly bred Edgley Frena 2nd, fourth. Among the heifer calves under the year the winners were all of a large type. Gilroy & Son were 1st and 4th, Rettie Bros. 2nd and 3rd. The latter scored first in the section for younger calves, with Keeler, Rice and Clemons in the order named. Gilroy won 1st and 2nd for four animals, the progeny of one bull. The 1st prize lot were sired by Inka Kathleen's Son and the 2nd by Gem Pietertje Hengerveld Paul De Kol. De Kol 2nd's Paul De Kol Duke's progeny won 3rd for G. W. Clemons, and Calamity Jane's Paul's quartette fourth for Geo. Rice. The herd prize went to Gilroy & Son, G. W. Clemons, Geo. Rice and Rettie Bros., in the order named, and the sweepstakes for females to Gilroy & Son's Inka Sylva.

Awards.—Bulls, 3-years-old and upwards—1st, G. W. Clemons, S. George; 2nd, George Rice, Currie's Crossing; 3rd, C. J. Gilroy & Son, Glen Baell; 4th, C. M. Keeler, Lyn. Bull, 2 years old—1st, 2nd, Rettie Bros., Norwich; 3rd, C. J. Gilroy & Son. Bull, 1 year old—1st, C. J. Gilroy & Son; 2nd, Rettie Bros.; 3rd and 4th, G. Rice. Bull calf, under 1 year—1st, G. W. Clemons; 2nd, C. M.

Keeler; 3rd, Rettie Bros. Bull calf, calved after Feb. 1st, 1900—1st, Rettie Bros.; 2nd, C. M. Keeler; 3rd, G. W. Clemons; 4th, C. J. Gilroy & Son. Bull, of any age—1st, G. W. Clemons (Count Mink Mercedes). Cow, 4-years-old and upwards—1st and 3rd, C. J. Gilroy & Son; 2nd, G. W. Clemons; 4th, G. Rice. Cow, 3-years-old—1st, C. J. Gilroy & Son; 2nd, Rettie Bros.; 3rd, G. W. Clemons; 4th, G. Rice. Heifer, 2-years-old—1st, C. M. Keeler; 2nd and 3rd, C. J. Gilroy & Son; 4th, G. W. Clemons. Heifer, 1-year-old, in milk—1st, G. W. Clemons; 2nd, Rettie Bros. Heifer, 1-year-old; 4th, C. J. Gilroy & Son. Heifer, 1 year old, not in milk—1st, Rettie Bros.; 2nd and 4th, G. Rice; 3rd, C. W. Clemons. Heifer calf, under 1 year—1st and 4th, C. J. Gilroy & Son; 2nd and 3rd, Rettie Bros. Heifer calf, calved after Feb. 1st, 1900—1st, Rettie Bros.; 2nd, C. M. Keeler; 3rd, G. Rice; 4th, G. W. Clemons. Four animals the progeny of one bull—1st and 2nd, C. J. Gilroy & Son; 3rd, G. W. Clemons; 4th, G. Rice. Herd—1st, C. J. Gilroy & Son; 2nd, G. W. Clemons; 3rd, G. Rice; 4th, Rettie Bros. Female of any age—1st, C. J. Gilroy & Son (Inka Sylva). Judge: A. F. Cole, Morrisville Station, N.Y.

Sheep.

In view of the extraordinary good display of sheep last year it would not have been surprising if there had been some falling off at this exhibition, but, instead of such being the case, there were about forty more sheep on the ground than in 1899, and that, too, without the aid of any American exhibitors, not one of whom had entered the lists. Last year, it will be remembered, the Altamont Farm and the Folly Farm had numerous entries in the Shropshire class and Geo. Harding & Son, Waukesha, Wis., had Merinos. The competition was very keen indeed all through and the display in many of the classes has never been excelled for numbers and quality. The hot weather on certain of the days of the show was rather hard on the sheep and a few died in consequence. One or two were injured in transit to the show. A large number of sales were made and exhibitors were very jubilant thereat.

COTSWOLDS.

The exhibitors in this class were Jno. Park & Sons, Burgessville; A. J. Watson, Castleberg; Jno. Rawlings, Ravenswood; John Thompson, Uxbridge, and T. Hardy Shore, Glanworth. All of these furnished a more or less numerous contingent, the total of which made up a class very strong both in numbers and in excellence. John Park & Sons had among others an aged ram of great substance, with a grand back, good fleece and skin. He was placed 2nd and has been sold to Geo. Harding & Son, Waukesha, Wis., for a good price. Their 1st prize shearing ram is one of extra good type. He was bred by Swanwick and was imported this year. A 3rd prize ram lamb also bred by Swanwick, while of very good type, was not fitted enough. In aged ewes Messrs. Park were 1st with a pair of beautiful type. They were 3rd as yearlings here in 1899. A pair of imported shearing ewes, bred by Holton, and prize winners in England, were 3rd in their section. A large fine pair of ewe lambs, not fleshy, bred by Gillett, and of this year's importation, came in 1st. Messrs. Park won 1st for flock and first for American special for flock.

A. J. Watson had the 1st prize aged ram, a champion at the Royal in 1899. He has won 1st all over Canada and the sweepstakes as well, at the Western Fair. He is a truly grand sheep, well covered, with a nice pink skin, good staple of wool, plenty of quality and has not been forced, as his owner intends showing him at Chicago in December where he hopes to be on top with him. In ram lambs Mr. Watson got the blue ribbon with an imported ram, the pick of James' 1st prize pen at the Royal. He, too, has not been forced; his fleece is of the best. In the aged ewe section a pair of ewes shown by Mr. Watson, one of whom was the pick of Garne's 1st prize pen at the Royal last year, the other, being home bred, were not placed, the judge giving the blue ribbon to a home bred pair not so good. This exhibitor's 2nd prize ewe lambs showed great quality. They were the pick of Swanwick's 2nd prize pen at the Royal. In the open pen Mr. Watson was 2nd, his chances for 1st honors being discounted on account of two of his best sheep being affected by the heat.

John Rawlings had some capital Canadian bred sheep. His 3rd prize aged ram is a blocky sheep, with a good

back and fleece but was not highly fitted. A shearing ram, square, and of good quality and with a nice fleece won the yellow ribbon. This exhibitor was strong in ram lambs, winning 1st and 4th. The 1st prize one beat a Royal winner, while the other showed plenty of quality. Mr. Rawlings had no aged ewes, but his shearing ewes, winners of both the red and blue tickets, were four extra fine sheep, being part of the pen of five that won at the Provincial Winter Fair in London. They have gone on remarkably well. Two pairs of ewe lambs were 3rd and 4th and were nice lambs, not big, but of high quality. All these ewe lambs as well as the ram lambs shown by Mr. Rawlings were sold to Geo. Harding & Son. First for Canadian pen and the American special for four lambs went to Mr. Rawlings.

Jno. Thompson showed three shearing rams all home bred, one of which, a low, blocky sheep, with a well-covered head, won 2nd. T. Hardy Shore's exhibit consisted of ten head. He was second for Canadian pen and 3rd for aged ewes.

AWARDS.

Ram, 2 shears and over—1st, A. J. Watson, Castlederg; 2nd, J. Park & Sons, Burgessville; 3rd, John Rawlings, Ravenswood. Shearing ram—1st, J. Park & Sons; 2nd, John Thompson, Uxbridge; 3rd, J. Rawlings. Ram lamb—1st and 4th, J. Rawlings; 2nd, A. I. Watson; 3rd, J. Park & Sons. Two aged ewes—1st, J. Park & Sons; 2nd, A. J. Watson; 3rd, T. H. Shore, Glanworth. Two shearing ewes—1st and 2nd, J. Rawlings; 3rd, J. Park & Sons. Two ewe lambs—1st, J. Park & Sons; 2nd, A. J. Watson; 3rd and 4th, J. Rawlings. One ram, 2 ewes and 2 ewe lambs—1st, J. Park & Sons; 2nd, A. I. Watson. Canadian bred pen—1st, J. Rawlings; 2nd, T. H. Shore. American Cotswold Association's Specials—Ram, one year old or over, 1 ewe two years old or over, 1 ewe, one year and under two, and 1 ewe lamb—1st, J. Park & S. n. Four lambs (2 rams and 2 ewes) bred and owned by exhibitor—1st, J. Rawlings.

Judge—Thomas Teasdale, Concord.

LEICESTERS.

There was a bigger turn out than ever in this class, and the quality was grand. As in 1899 the three principal exhibitors were A. W. Smith, Maple Lodge; J. M. Gardhouse, Highfield, and Whitelaw Bros., Guelph. A. W. Smith made a very good showing, in spite of the fact that he had one flock exhibiting simultaneously at American exhibitions, where it has carried off the principal honors. Mr. Smith's aged ram that was placed 2nd is a stylish sheep, but we are much mistaken if his 1st prize sheep at London last year, which was unplaced here, is not a better one both as regards quality, evenness, style of head and over his loin. The 2nd prize shearing ram has a back well covered with firm flesh and is full of quality. His mate, who was 3rd, has style, but falls behind the other as regards his back. The 1st prize ram lamb, shown by Mr. Smith, has a capital fleece and skin, good back, loin and front. He is by Perfection, the 1st prize shearing lamb two years ago. This exhibitor's 1st prize aged ewes have great depth, and wide backs, and the lustre of their wool and their pink skins are beyond reproach. In fact, this flock are very uniform as regards skin and fleece. In shearing ewes the pair did not mate well and they got no higher than 2nd. A pair of capital ewe lambs secured the yellow ticket. Mr. Smith got both the flock prizes and the American Leicester Association's special for flock.

J. M. Gardhouse's flock were all Canadian bred, and were a fine even lot, showing good character. His aged ram, Try me, which was 1st wherever shown last year, came in 3rd. He has plenty of size, a fine fleece and good conformation. Mr. Gardhouse showed a couple of nice shearing rams, one of which headed that class. He was of good length, firm fleshed, and carried a splendid fleece. In ram lambs, one of his entries, an extra good one, carried off 2nd. 2nd and 3rd for pairs of aged ewes fell to Mr. Gardhouse. The 2nd prize pair are of fine quality, with good heads and fronts and firm backs and are the best pair he ever owned. The 3rd prize pair are big and have good fleeces. The red ribbon for shearing ewes went to a grand topped pair of good character. The 2nd prize ewe lambs have grand fleeces and are good, typical sheep. This flock came in 1st for Canadian bred pen.

Whitelaw Bros., like J. M. Gardhouse, had nothing in

their pens except Canadian-bred stock. Their aged ram, just two years old, continued his successful show-yard career as a shearing in 1899 by winning first in a strong class here. He was a clear winner, and we understand that he has been purchased by Mr. John Kelly, Shakespeare, than whom there is no better judge of a Leicester on this continent. His back is excellent and he tips the beam at 360 lbs. Messrs. Whitelaw were strong in lambs, of which they had 11, rams and ewes, in the pens, all from their imported Polwarth ram. In ewe lambs they were 1st and 4th, and in ram lambs 3rd and 4th. A pair of shearing ewes, sired by their 2-year-old ram, were placed 3rd. Their four lambs also won the American Leicester Association's special for lambs, and the flock was 2nd for Canadian-bred pen.

AWARDS.

Ram, 2 shears and over—1st, Whitelaw Bros., Guelph; 2nd, A. W. Smith, Maple Lodge; 3rd, I. M. Gardhouse, Highfield. Shearing ram—1st, J. M. Gardhouse; 2nd and 3rd, A. W. Smith. Ram lamb—1st, A. W. Smith; 2nd, J. M. Gardhouse; 3rd and 4th, Whitelaw Bros. Two aged ewes—1st, A. W. Smith; 2nd and 3rd, J. M. Gardhouse. Two shearing ewes—1st, J. M. Gardhouse; 2nd, A. W. Smith; 3rd, Whitelaw Bros. Two ewe lambs—1st and 4th, Whitelaw Bros.; 2nd, J. M. Gardhouse; 3rd, A. W. Smith. One ram, 4 ewes and 2 ewe lambs—1st and 2nd, A. W. Smith. Canadian-bred pen—1st, J. M. Gardhouse; 2nd, Whitelaw Bros. American Leicester Association's Special—Best flock of 1 ram and 4 ewes—1st, A. W. Smith; 2nd, J. M. Gardhouse. Best 4 lambs (2 rams and 2 ewes)—1st, Whitelaw Bros.; 2nd, I. M. Gardhouse.

Judge—J. Gaunt, St. Helens.

LINCOLNS.

There has never been a better display of Lincolns at any exhibition on this continent than there was this year in Toronto. The grand flock of Messrs. Patrick was an exhibition in itself, made up, as it was, almost entirely of imported sheep of the highest type, purchased at high prices, and all being uniform in type and carefully fitted. It is small wonder, therefore, that the bulk of the principal prizes fell to this firm. Their 1st prize aged ram bought by their manager, Jas. Brooks, from his breeder, Tom Caswell, for \$1,250, was one of a pen of 5 that won at the Royal in 1899, 1st there again this year, 1st at Spaulding, and was drawn out at the Royal against the 1,000 guinea ram for the champion cup. The 2nd prize aged ram was bred by S. G. Wildsmith, and imported late last year. They had another aged ram by the 1,000 guinea Dudding ram, that cost them \$1,000, that was unnoticed. In shearing rams they were 1st and 3rd with sheep bred by Wildsmith, the 1st prize one being considered by competent judges to be one of the most perfect Lincolns ever bred. Among the ram lambs in this flock were found the 1st and 2nd winners. They were bred by Messrs. Wright, and were 2 of the Royal winners this year, and also 1st at Spaulding. They are sired by Dudding's 250 guinea ram. A pair of aged Dudding ewes that were not fitted got 3rd place. The 1st prize shearing ewes were 2 of the pen of 3 that were Royal winners this year, and were bred by H. Dudding. Third for shearing ewes also fell to Messrs. Patrick for an imported pair not well mated, as one of the pair intended for this class unfortunately died. Of the 1st and 2nd prize ewe lambs 3 were bred by Wright and 1 by Dean. Wright's 3 were Royal winners, and the fourth was the choice of Dean's 2nd pen at the same and other shows. The fitting of the sheep was done by Jas. Brooks, who has had a most successful record for fitting sheep for 11 years.

J. T. Gibson, Denfield, showed only Canadian-bred stock with the single exception of a ram lamb, a field lamb, bred by Dean, and not previously shown. Their flock did very well, considering the extraordinary competition they had to undergo. Among other prizes they won 3rd for aged ram, 2nd for shearing ram, 3rd for ram lamb, 1st for aged ewes of their own breeding, 2nd for shearing ewes, and both prizes for Canadian-bred pen.

Wm. Oliver, Avonbank, exhibited only 6 head. He got 3rd for ewe lambs and 2nd for aged ewes.

AWARDS.

Ram, 2 shears and over—1st and 2nd, J. H. & E. Patrick, Ilderton; 3rd, J. T. Gibson, Denfield. Shearing ram—1st and 3rd, J.

H. & E. Patrick; 2nd, J. T. Gibson. Ram lamb—1st and 2nd, J. H. & E. Patrick; 3rd and 4th, J. T. Gibson. Two aged ewes—1st, J. T. Gibson; 2nd, Wm. Oliver, Avonbank; 3rd, J. H. & E. Patrick. Two shearing ewes—1st and 3rd, J. H. & E. Patrick; 2nd, J. T. Gibson. Two ewe lambs—1st and 2nd, J. H. & E. Patrick; 3rd, W. Oliver; 4th, J. T. Gibson. Pen of 1 ram, 4 ewes, and 2 ewe lambs—1st and 2nd, J. H. & E. Patrick. Canadian bred pen—1st and 2nd, J. T. Gibson.

Judges—A. W. Smith, Maple Lodge; W. Whitelaw, Guelph.

SHROPSHIRE.

In this class, in spite of the absence of American breeders, the quality and numbers were above the average, good as that always is for this breed at the Toronto Industrial, and the flocks of John Campbell and D. G. and J. G. Hamner, supplemented by drafts shown by the Hillhurst Farm, W. H. Beattie, H. A. Ledger and W. E. Wright made up an exhibit of excellence never surpassed.

Mr. Campbell was very strong, having among his flock a number of imported sheep, but it is but fair to state that his imported sheep were in many cases forced to take 2nd place to his own home-bred ones. For the Fairview flock this may well be termed Newton Lord's greatest year, as that well-known sire's stock never showed to better advantage, his sons winning the red ribbon in seven of the sections, including the sweepstakes for ram and ram lamb, and his daughters standing first in four other sections. This is a wonderful record for a ram now ten years old, when it is considered that the life of a highly-fitted show sheep is generally much shorter. In the regular sections for rams every premium offered, except one 2d, and both firsts for pens of seven (open and Canadian bred), together with the four 1st prizes offered by the American Shropshire Association, were awarded to the Fairview flock. Under these circumstances it is unnecessary to refer individually to the sheep, as they were of such uniform excellence. It was suggested to Mr. Campbell by a gentleman from Pennsylvania that he should have had a few ordinary Shropshires in his pens, so as to act as an educational medium in demonstrating the great difference between the general run of Shropshires and the high-class sheep in the pens.

D. G. & J. G. Hamner had, as usual, an excellent exhibit. Their aged ram, an American bred sheep, is one of the best, if not the best sheep, they ever showed. He is a ram of great points, having a typical head and grand fleece, a splendid, well covered back, and is a heavier ram than the 1st prize one of Mr. Campbell's, between whom and himself there was a very close contest for the head of the class. In shearing rams they had a very well covered, imported sheep of beautiful quality and pink skin, but not highly fitted, who was not placed. In ram lambs they made a good showing, though they did not get into the prize list. Messrs. Hamner's aged ewes, an imported pair, headed their section, one of them being bred by R. P. Cooper, and was a 1st prize Royal Counties winner; the other is from the flock of T. S. Minton. They also had the 3rd prize pair, one a Minton sheep, the other bred by Richard Thomas. In the shearing ewe section an imported Nevett sheep mated with a home bred one secured the 3rd premium. Both the red and blue ribbons for ewe lambs went to Canadian bred pairs, large, and of the best quality with nice fleeces and skin. Messrs. Hamner were 2nd for open pen. Had their aged ram won 1st in his section, their chances for first for open pen would have been good.

The Hillhurst Farm showed a number of lambs of both sexes of very nice quality and won 4th for ewe lambs. None of the other exhibitors got places with their sheep. Geo. H. Hindmarsh, Ailsa Craig, judged the sheep alone, and for his first appearance at Toronto as a judge, gave most satisfactory decisions.

AWARDS.

Ram, 2 shears and over—1st and 3rd, John Campbell, Woodville; 2nd, D. G. & J. G. Hamner, Mt. Vernon. Shearing ram—1st, 2nd and 3rd, J. Campbell. Ram lamb—1st, 2nd, 3rd and 4th, J. Campbell. Two aged ewes—1st and 3rd, D. G. & J. G. Hamner. Two shearing ewes—1st and 2nd, J. Campbell; 3rd D. J. & J. G. Hamner. Two ewe lambs—1st and 2nd, D. G. & J. G. Hamner; 3rd, J. Campbell; 4th, Hillhurst Farm, Hillhurst, Que. Pen of 1 ram, 4 ewes and 2 ewe lambs—1st, J. Campbell; 2nd D. G. & J. G. Ham-

ner. Canadian bred pen—1st, J. Campbell. American Shropshire Association's Specials. Flock of 1 ram and 3 ewes, 1 year and over—1st and 3rd, J. Campbell; 2nd, D. G. & J. G. Hamner. Flock of 1 ram lamb and 3 ewe lambs—1st and 3rd, J. Campbell; 2nd, D. G. & J. G. Hamner. Sweepstake, best ram—1st, J. Campbell; 2nd D. G. & J. G. Hamner. Sweepstake, best ram lamb—1st and 2nd, J. Campbell.

Judge.—Geo. H. Hindmarsh, Ailsa Craig.

OXFORD DOWNS.

In this class, too, there was a splendid exhibit. J. H. Jull, Mount Vernon, was the strongest exhibitor, winning six out of eleven 1st prizes. In aged rams there were only two shown as Mr. Hine's entry was, unfortunately, killed on the train on his way to the show. Mr. Jull's aged ram is one of J. T. Green's breeding and was imported by his present owner two years ago as a lamb, on which occasion he won 1st here in his class. He has an extra good fleece, and is of good type, while not very highly fitted. A Hobbs-bred shearing ram, a prizewinner at the Royal Counties show, and imported this year, won 1st. He is a big, sappy fellow. First, 3rd and 4th for ram lambs went to three fine, big, home-bred lambs, the best of whom was sold to Mr. Peter Arkell for a good sum. One imported and one home-bred sheep made up the pair of aged ewes that took 3rd. The imported one was bred by J. T. Green, while the home-bred one is dam of the 1st prize ram lamb. Mr. Jull had a beautiful pair of imported shearing ewes bred by Eadie, which are said by competent judges to be the best pair of Oxford ewes that have crossed "the herring pond." They won 1st at the Royal this year, 1st at the Royal Counties, Bath and West of England and the Oxfordshire Show, being champions over all breeds at the latter. Another home-bred pair of shearlings of good type and splendid fleece, but not fitted, came in 3rd. Another 1st prize pair of Royal winners won 1st in the ewe lamb section. They were not very fleshy but are a strong, good pair. A home-bred pair were 3rd.

Smith Evans, Gourcock, had the 2nd prize aged ram, an imported sheep, bred by Wm. Arkell. He is a square, well-covered sheep, with a nice fleece and was well brought out. In shearing rams this exhibitor was 2nd with another imported sheep bred by W. Stilgoe, a ram of good conformation, but not highly fed. A home-bred ram lamb brought the blue ticket to this flock. He is a particularly nice sheep in every way. An imported ewe and a home-bred ewe made up the 1st prize pair of aged ewes. The imported one was shown last year, when she won 1st, and she was also 1st at the Guelph Fat Stock Show last December, where she outweighed every sheep. A low, blocky pair of ewe lambs bred by Mr. Evans, with nice fleeces, carried off 2nd honors. First for Canadian-bred pen and 1st for pen of 4 lambs went to this exhibitor.

R. J. Hine, as mentioned above, lost his aged ram and so could not compete in that section. With a shearing ram bred by Reading, which won 1st here as a lamb in 1899, he stood 3rd. In aged ewes he was 2nd with a good pair, and occupied the same position with a very nice pair of shearing ewes, that were not highly fitted. Mr. Hine was 2nd in the open pen and 1st for the American Oxford Down Association's special for yearling ewes.

AWARDS.

Ram, two shears and over—1st, J. H. Jull, Mt. Vernon; 2nd, S. Evans, Gourcock. Shearing ram—1st, J. H. Jull; 2nd, S. Evans; 3rd, R. J. Hine, Dutton. Ram lamb—1st, 3rd and 4th, J. H. Jull; 2nd, S. Evans. Two aged ewes—1st, S. Evans; 2nd, R. S. Hine; 3rd, J. H. Jull. Two shearing ewes—1st and 3rd, J. H. Jull; 2nd, R. J. Hine. Two ewe lambs—1st and 3rd, J. H. Jull; 2nd, S. Evans. Pen of ram, four ewes and two ewe lambs—1st, J. H. Jull; 2nd, R. J. Hine. Canadian-bred pen—1st, S. Evans. American Oxford Down Association's special. Yearling ram—1st, S. Evans. Yearling ewe—1st, R. J. Hine. Pen of four lambs—1st, S. Evans. Judge.—Jas. Tolton, Walker ton.

HAMPSHIRE.

In the class set apart for Hampshire and Suffolk Downs there were only Hampshire shown. The Hillhurst Farm, Hillhurst, Que., was the only exhibitor. The flock consisted of three ram lambs, a pair of aged ewes, two shearing ewes and two pairs of ewe lambs, all of which were of

splendid conformation and character, showing good legs of mutton. The animals exhibited either trace to or are directly from the flocks of W. B. Greenfield, Whalley-Tooker, the Earl of Carnarvon, T. H. Bascendale, Flower, of Chilmark, and Carey-Coles. Prizes were given for all the sheep shown. There should be a greater field in Canada for this breed, as it is hardy, has a large proportion of lean meat to fat, the ewes lamb early and the lambs mature very quickly.

SOUTH DOWNS.

The contest in this class was the heaviest ever seen at Toronto or on this continent. John Jackson & Sons, Abingdon, as in former years, carried off the larger bulk of the prize money, but they made a new record this year by winning the whole of the red ribbons, a feat which they have nearly done before, but never quite succeeded in doing. In aged rams they won with the same sheep as in 1899. He is home-bred and is from noted winners, his sire having been 1st as a five-year-old at the World's Fair, and his dam the sweepstakes ewe, when three years old, at the same exhibition. He is a very thick sheep of strong, masculine character, with a wonderful back, breast, skin and fleece. The 1st prize shearing ram, bred by Adeane and imported as a lamb in 1899, when he also won 1st, is a straight, level sheep with a good skin and leg of mutton. Another shearing, a Royal winner, was unnoticed. In ram lambs 1st fell to a good lamb, well-quartered, with a nicely covered head and pink skin. Both pairs of aged ewes, winners of 1st and 2nd, are home-bred, and three were winners here in 1899. The 1st and 2nd prize shearing ewes (of which the 1st were imported and were 1st here as lambs last year) were of good type. This section was the best ever seen here. The winning ewe lambs are all home-bred, the best one of the four being out of one of the 1st prize aged ewes at the last International.

Robt. Shaw & Son were next in order as regards prize money. They won 2nd for aged ram, 3rd for shearing ram, 2nd for aged ewes and for ewe lambs and 2nd for the open pen, besides other minor premiums. They made a very creditable display, and the type they have in view is to make their herd uniformly well-covered and of the best quality.

W. E. & G. L. Telfer had a capital aged ram showing a great skin, fleece, loin and leg of mutton. He is a Pagharn Harbor sheep and won 3rd. Last year he was 2nd and as a lamb won 1st at the Royal. There was a close fight between these exhibitors' shearing ram, a home-bred one, and Messrs. Jackson's imported ram for first place. In the ram lamb class, too, their entry made good running for premier honors. He is by their aged ram and out of an imported ewe that won wherever shown in Canada last year.

T. C. Douglas exhibited 16 head, but had not his sheep in as high a condition as some of the others. He won 3rd on an imported ram lamb, bred by Hobgen, on an ewe lamb, from the Pagharn Harbor Co., and was 2nd for the Canadian bred pen, showing his aged ram, 4 shearing ewes and 2 ewe lambs. Senator Drummond had a number of sheep entered, but did not have them forward.

AWARDS.

Ram, 2 shears and over—1st, John Jackson & Son, Abingdon; 2nd, Robt. Shaw & Son, Glanford Station; 3rd, W. E. & G. L. Telfer, Paris. Shearing ram—1st, J. Jackson & Son; 2nd, W. E. & G. L. Telfer; 3rd, R. Shaw & Son. Ram lamb—1st, J. Jackson & Son; 2nd, W. E. & G. L. Telfer; 3rd, T. C. Douglas; 4th, R. Shaw & Son. Two aged ewes—1st and 3rd, J. Jackson & Son; 2nd, R. Shaw & Son. Four shearing ewes—1st and 2nd, J. Jackson & Son; 3rd, R. Shaw & Son. Two ewe lambs—1st and 4th, J. Jackson & Son; 2nd, R. Shaw & Son; 3rd, T. C. Douglas. Pen of 1 ram, 4 ewes and 2 ewe lambs—1st, J. Jackson & Son; 2nd, R. Shaw & Son. Canadian bred pen—1st, J. Jackson & Son; 2nd, T. C. Douglas.

Judge.—Joseph Tolton, Walkerton.

DORSET HORNED SHEEP.

This breed also maintained the steady advance in quality noticeable among the other breeds. Jas. A. McGillivray, Uxbridge, was much stronger than he was in 1899, and succeeded in carrying off five out of the eight red ribbons.

In aged rams he was 1st with a ram bred by Kimsey, of Indiana. His back, quarters and wool were all good. Two shearing rams stood 1st and 2nd, both Canadian bred ones, the first of a smooth, Dorset type, the other not so good over the shoulder. The 1st prize aged ewes comprised an imported sheep with a capital back, bred by Attrill, and a Canadian bred one. The 2nd prize pair were also good, the front of one being very full. A pair of Royal Winners, bred by Attrill, came in 1st in the shearing ewe class, while the 3rd prize pair were made up of a Royal winner and a home-bred sheep. Culverwell bred the imported pair of ewe lambs that were placed 3rd.

M. N. Empey, Napanee, was strongest in lambs, both his ram lambs and ewe lambs heading their section, and he was also 1st for Canadian bred pen and 3rd for aged rams. His were all Canadian bred sheep.

R. H. Harding, Thorndale, captured the blue ribbon with an imported aged ram from the flock of A. Flowers, which was 1st at the Royal and first here last year. He has a good frame, and was not fleshy. A ram lamb in very fair condition, imported this year from the Tranquility Farms took 3rd. He is splendidly woolled down to the heels. A nice home-bred ram lamb was not placed. A pair of aged ewes that mated well, one Canadian bred, the other from L. C. Attrill's flock, won 3rd. An imported pair of Royal winners, which hardly mated sufficiently well, were 2nd in the shearing class, while a pair of useful ewe lambs, not too fat came in 2nd in their section. Jas Bowman, Guelph, won 3rd on a shearing ram.

AWARDS.

Ram, 2 shears and over—1st, John A. McGillivray, Uxbridge; 2nd, R. H. Harding, Thorndale; 3rd, M. N. Empey, Napanee. Shearing ram—1st and 2nd, J. A. McGillivray; 3rd, Jas. Bowman, Guelph. Ram lamb—1st and 2nd, M. N. Empey; 3rd, R. H. Harding. Two aged ewes—1st and 2nd, J. A. McGillivray; 3rd, R. H. Harding. Two shearing ewes—1st and 3rd, J. A. McGillivray; 2nd, R. H. Harding. Two ewe lambs—1st, M. N. Empey; 2nd, R. H. Harding; 3rd, J. A. McGillivray. Pen of 1 ram, 4 ewes and 2 ewe lambs—1st, J. A. McGillivray; 2nd, R. H. Harding. Canadian bred pen—1st, M. N. Empey; 2nd, J. A. McGillivray. Judges.—John Jackson, Abingdon; T. W. Hector, Springfield-on-Credit.

MERINOS.

W. M. & J. C. Smith, Fairfield Plains, and Robt. Shaw & Son, Glanford Station, were the two firms who exhibited in this class. The latter won the larger amount of prize money.

AWARDS.

Ram, 2 shears and over—1st, W. M. & J. C. Smith, Fairfield Plains; 2nd and 3rd, Robt. Shaw & Son, Glanford Station. Shearing ram—1st and 2nd, R. Shaw & Son; 3rd, W. M. & J. C. Smith. Ram lamb—1st, R. Shaw & Son; 2nd and 3rd, W. M. & J. C. Smith. Two aged ewes—1st, W. M. & J. C. Smith. Two shearing ewes—1st, R. Shaw & Son; 2nd, W. M. & J. C. Smith. Two ewe lambs—1st, R. Shaw & Son; 2nd, W. M. & J. C. Smith. Pen—1st, R. Shaw & Son; 2nd, W. M. & J. C. Smith.

FAT SHEEP.

In the section for 2 fat wethers, under 2 years, of any long-wooled breed, 1st went to J. H. & E. Patrick, Ilderton; 2nd to J. T. Gibson, Denfield, and 3rd to John Park & Son, Burgessville, the two former showing Lincoln blood and the latter Cotswold. For the wethers of any short-wooled breed, under 2 years, there was a very close contest between John Campbell, Woodville, and D. G. and J. G. Hammer, Mt. Vernon, for 1st place, but John Campbell won. W. E. & G. L. Telfer, Paris, were 3rd.

Swine.

This was an off year for swine as regards numbers, the total number of entries being only 411 as against 611 last year, or just 200 fewer. Yorkshires were just one more in point of numbers, but the average of the exhibits in this class was even higher than it was last year, good as it then was. Tamworths were only 71 as against 181, Berkshires 77 as against a total of 116 in 1899. The other breeds were only weakly represented. There seemed to be a good demand for breeding stock, and we heard of quite a number of sales that were consummated on the grounds before the end of the fair.

BERKSHIRES.

While Berkshires were not nearly so numerous as usual, the quality of those shown was very good. Last year the Hood Farm, Lowell, Mass., helped to swell the list considerably, but there were no American breeders here this year in any of the swine classes.

Geo. Green, Fairview, was quite as strong as usual, especially in boars. His aged boar, Major, a pig of good length, breadth and evenness, who stands well on his feet and is not overdone, secured the red ribbon. In yearlings, Golden King 1st, a straight pig with a nice head and markings, plenty of bone and active on his feet, won 1st for this herd. Sir Arthur, a very strong animal, with good spring of rib and a most attractive head, was a winner in the class for boars under one year old. Green's 2nd entry, Baron Duke, who came in 2nd, was younger but very lengthy. For boars under six months Green again secured first honors with Union Bank, a lengthy fellow, large for his age. This exhibitor's aged sow, Highclere Maid, a smooth, short-legged daughter of King Highclere, with heavy hams, was a third-prize winner in her section. Similar honors were taken by the yearling sow, Golden Duchess, one of a good, smooth sort and very showy. The yellow ribbon was secured in the section for sows under 12 months by a long, smooth sow, a full sister to the 2nd prize boar under a year. Mr. Green took 1st on a right good, smooth, well-finished sow under the six months' limit. The trio that obtained the 2nd herd prize for the Fairview herd was made up of Golden King 1st, Highclere Maid and Golden Duchess. Golden King 1st and progeny came to the head for boar and four of his get.

T. A. Cox, Brantford, who showed 30 head, was especially strong in sows. In aged boars he won 3rd with Norby B. Duke, bred by Harvey Sibley, of Illinois, a smooth fellow, with a good middle and of good type, and his yearling boar and boar under the year occupied similar positions in their respective sections. The yearling was young but of nice quality, the other was a nice, smooth pig of good length. In aged sows the Teasdale-bred sow, Fashion, led the ring for Mr. Cox. She has good length and depth, plenty of breed type, and also came in 1st for sow and four of her produce. Mr. Cox' 1st prize yearling sow is a handsome thing of good quality, and was well fitted, weighing 675 lbs. This exhibitor also had the 2nd prize aged sow, Exhibition Beauty, who won 1st in the class for sows under the year here in 1899, was the sweepstake Berkshire sow at the Provincial Winter Fair, at London, last December, and has been successful again at Winnipeg and Brandon during this year. Mr. Cox had a very pretty sow under the year (full sister to his 1st prize yearling sow), which took 2nd, and a sow under six months, of good type, which was 3rd in her class. The first premium for herd went to this exhibitor's 3rd prize aged boar, his 1st prize aged sow, and 1st prize yearling sow.

Snell & Lyons, Snelgrove, were scarcely as strong as we have seen them in former years. They won 2nd on aged boars with Court Master, by Hiawatha, a Gentry-bred boar. He has length, a great back and plenty of bone and was highly fitted. Gallant Prince, by Dictator, a yearling boar of very nice type, with even width of back, good depth and smoothness, won the blue ribbon over Colonel Brant, a very highly fitted boar, whom his owners prefer to the other. Colonel Brant won here in 1899 in the class under the year. In the section for boars under six months Snell & Lyons' Plumper, a nice straight pig of great promise was 2nd. He was afterwards sold to Shannon Bros., Cloverdale, B. C. He, as well as the 3rd prize boar under six months are out of Morning Mist, who won 2nd in the aged sow section, and who also captured 2nd for sow and four of her produce, in which section, as well as her own section, she was one place higher last year. Morning Mist is a good useful breeding sow. Lady Shields won 1st in the section for sows under months, which was the closest contested section in this class. Her depth, evenness and level back were very noticeable. A sow of very nice type was 2nd in the youngest sow class. Gallant Prince and his get were 2nd for boar and four of his get under six months old.

AWARDS.

Boar, over two years—1st, Geo. Green, Fairview; 2nd, Snell & Lyons, Snelgrove; 3rd, T. A. Cox, Brantford. Boar, over one and under two years—1st, Geo. Green; 2nd, Snell & Lyons; 3rd, T. A. Cox. Boar, over six and under twelve months—1st and 2nd, Geo. Green; 3rd, T. A. Cox. Boar, under six months—1st, Geo. Green; 2nd and 3rd, Snell & Lyons. Sow, over two years—1st, T. A. Cox; 2nd, Snell & Lyons; 3rd, Geo. Green. Sow, over one and under two years—1st and 2nd, T. A. Cox; 3rd, Geo. Green. Sow, over six and under twelve months—1st, Snell & Lyons; 2nd, T. A. Cox; 3rd, Geo. Green. Sow, under six months—1st, Geo. Green; 2nd, T. A. Cox; 3rd, Geo. Green. Boar and four of his get—1st, Geo. A. Cox; 2nd, Snell & Lyons. Sow and four of her produce—1st, T. A. Cox; 2nd, Snell & Lyons.

Judges.—G. B. Hood, Guelph; R. Vance, Ida.

TAMWORTHS.

Although Tamworths were less than half the number they were a year ago, they made a very creditable display, which was well distributed throughout every section. J. C. Nichol, Hubrey, was much the strongest exhibitor, winning no less than 7 out of 11 first prizes, including those for herd, boar and 4 of his get, and sow and 4 of her produce. His 1st prize aged boar, Rufus, has great substance, an even back, great depth, long hams, and his flesh is quite firm. His other aged boar, Chatham Hero, who sired the 2nd and 3rd prize boars, and 1st, 2nd, and 3rd prize sows under 6 months (4 of which, with their sire, took 1st for boar and 4 of his get) is rather heavier in the shoulder than Rufus, but is evidently an impressive sire. The 1st prize boar, under 1 year, is a compact, firm handling pig. Among the aged sows Elmdale Countess, a very deep sow of good substance and no coarseness, was 1st. She is just 2½ years old, and 2 years ago was 1st among 41 entries of youngsters. Her mother, another deep one but getting on in years, was placed 2nd. A 3rd prize sow under the year carries her width evenly along the back, and is of just about the right width for bacon type. The herd which took 1st was made up of Rufus, and the 1st and 2nd prize aged sows. Elmdale Countess and her produce won in the section for produce. In the section for sows under 6 months this herd won all three prizes in a ring of 16.

Colwill Bros., Newcastle, were not extensive exhibitors, but won several prizes nevertheless, including 1st on a yearling boar, who was one of the youngest in the class (having won 1st in the class under 6 months last year), 3rd on a boar under the year, 2nd on a yearling sow, 1st on a deep sow under the year, 2nd on herd, and 2nd on boar and 4 of his get. John Hord & Son, Parkhill, was quite successful with his stock. His aged boar, Defiant, who was 2nd as a yearling at this show in 1899, a lengthy fellow of good type, occupied a similar position in his section this year. A smooth, lengthy boar, with long hams, under 6 months old, topped his section. In aged sows Mr. Hord was 3rd with O.A.C. 110, a sow of even width, good back and hair, and a regular breeder. Second honors for sow and 4 of her produce went to this sow and 4 of her offspring.

Andrew Elliott & Son had not many head on exhibition, but what they had were of a very uniform and correct bacon type. Their 2nd prize yearling boar, Sahib, a home-bred one, is very even along the back, smooth, and not too deep, while he shows lots of quality. He is sired by Spring Grove Duke, while his dam is by Hallman's good old sire, Nimrod (imp.) Their 2nd prize boar under the year, and sow under the year, out of the same litter and by Sahib, were pigs of a very nice type.

J. R. Newell & Son, Crampton, showed 13 head, and secured two third premiums, that for boar under the year and for a yearling sow. The latter was a level pig of much promise, which won 1st in 1899 at Toronto in the section for sows under 6 months; the former was good, except for a little too much fullness in the shoulder, due, possibly, to his good feeding qualities.

W. M. Smith, Fairfield Plains, had a capital yearling sow that won 1st. She was 2nd here in the younger section last year, 1st at other shows, including the Provincial Winter Fair, and this year headed her class at Winnipeg and Brandon.

AWARDS.

Boar, over two years—1st and 3rd, J. C. Nichol, Hubrey; 2nd, Jno. Hord & Son, Parkhill. Boar, over one and under two years—1st, Colwill Bros., Newcastle; 2nd, A. Elliott & Son, Galt; 3rd, J. C. Nichol. Boar, over six and under twelve months—1st, J. C. Nichol; 2nd, A. Elliott & Son; 3rd, J. A. Newell & Son, Crampton. Boar, under six months—1st, J. Hord & Son; 2nd and 3rd, J. C. Nichol. Sow, over two years—1st and 2nd, J. C. Nichol; 3rd, J. Hord & Son. Sow, over one and under two years—1st, W. M. Smith, Fairfield Plains; 2nd, Colwill Bros.; 3rd, J. R. Newell & Son. Sow, over six and under twelve months—1st, Colwill Bros.; 2nd, A. Elliott & Son; 3rd, J. C. Nichol. Sow, under six months—1st, 2nd and 3rd, J. C. Nichol. Best boar and two sows—1st, J. C. Nichol; 2nd, Colwill Bros. Boar and four of his get—1st, J. C. Nichol; 2nd, Colwill Bros. Sow and four of her produce—1st, J. C. Nichol; 2nd, J. Hord & Son.

Judges.—Prof. Day, Guelph; Wm. Jones, Zenda.

YORKSHIRES.

Yorkshires easily led all the other breeds in point of numbers, and also in quality. This was the strongest class of the breed ever brought out on this continent or elsewhere, and the rivalry between the various exhibitors for honors was very keen. Brethour & Saunders, Burford; D. C. Flatt & Son, Millgrove; Jos. Featherston & Son, Streetsville; Simmons & Quirie, Ivan; E. Dool, Hartington; L. Rogers, Weston; R. F. Duck & Son, Port Credit; and W. J. Howard, Amber, were the exhibitors. Prof. Day, of the Ontario Agricultural College, and Wm. Jones, Zenda, acted as judges.

In the aged boar class there were eight entries, but the contest lay between Brethour & Saunders' Oak Lodge Conqueror and his son, Oak Lodge Conquest and Messrs. Flatt's Botsford Wonder. These three boars vary considerably in type. Oak Lodge Conqueror has good length, great finish on back and an even distribution of firm flesh all over, while his shoulders are very smooth and even and he has plenty of quality. Oak Lodge Conquest was never shown before. He is a boar of extraordinary length, light in the head and smooth on the shoulders, with a good, even back and shoulders, but with scarcely as good hams as his sire. Botsford Wonder was bred by D. R. Daybell, Nottingham, England, and won 2nd when a yearling at Leicester, competing with Royal winners. He has great size and substance, with large, full hams, and has immense depth. He weighs 900 lbs., and is very fleshy. He had many admirers, but the judges considered that Brethour & Saunders' boars better filled the type of pig for bacon purposes, and Prof. Day ought surely to be well posted on that point. Oak Lodge Conqueror thus wins 1st for the second year in succession. His son was placed 2nd and Botsford Wonder 3rd. In yearling boars Mr. Flatt was not represented, having been unfortunate enough to lose his imported boar before the show. The red ribbon went to Jos. Featherston & Son's very nice pig of capital quality and uniform finish throughout. This pig won 1st last year in the section for boars under six months. Brethour & Saunders were 2nd with O. L. Celtic, one of the noted Cinderella family, who had great length and smoothness and plenty of quality. A younger pig of theirs was 3rd. In boars under the year Messrs. Flatt were 1st with a good, well fitted pig of nice length sired, by Look Me Over, the 1st prize yearling in 1898 and 2nd last year. His owners think so much of him that they refused an offer of \$150 for him. He headed the second prize herd. 3rd for boars under the year also went to the Millgrove herd. Simmons & Quirie were 2nd with a well-grown pig in high condition, which showed good quality. Brethour & Saunders had a boar, under 6 months that won 1st. He is by O. L. Conqueror, and out of an imported Daybell sow and shows splendid quality, a good strong back, full hams and neat head, and is very active on his feet. He has been sold to go to the Experimental Farm, Ottawa. Messrs. Flatt were 2nd with a home-bred pig, an even deep animal, well paired, which was sold to J. A. Russell, Precious Corners for a good price. Messrs. Featherston carried off 3rd honors with a very even, smooth pig of good length and quite young. In aged sows Brethour & Saunders were strong with Oak Lodge Mite 6th, who won 2nd last year and who has improved wonderfully since then. She is smooth, with even

shoulders, a good clean head, a strong fleshy back, has plenty of depth, and stands on legs of nice quality of bone. D. C. Flatt & Son were 2nd and 3rd with two imported sows of good quality, bred by Philo L. Mills. The 2nd prize one had good length and depth and good upper line. She was a Royal winner in 1898. The 3rd was well fitted but not quite so long as her mate. These exhibitors' yearling sow which carried off the red ribbon was also of Mill's breeding. She has great length and depth and a good back. For the Burford herd, Oak Lodge Buttercup 15th, a very smooth sow, in the pink of condition, with typical shoulders, even back and full hams, secured 2nd, and 3rd went to another entry from this herd with a good head, length and depth but scarcely as full of quality. She was the mother of the 4 pigs that with her won 1st for sow and 4 of her produce. The Millgrove herd headed the section for sows under the year with Summerhill Queen, a pig of immense size, great depth and length. She was afterwards sold to J. A. Russell, Precious Corners, for a good figure. Brethour & Saunders were 2nd with Oak Lodge Julia, a sow of great substance, a head of good character without coarseness, medium length of neck, a very smooth back, with under line perfect, and no waste of flesh. Their other entry, which was 3rd, had scarcely as much scale, but was of a smooth, even style. Both were by O. L. Conqueror. This herd had the 1st prize winner in the section for sows under six months, in a daughter of O. L. Conqueror, out of a Cinderella dam, a good model of a bacon pig, who is likely to be heard of in the future. The Millgrove herd was 2nd and 3rd with a couple of nicely-fitted pigs. Brethour & Saunders won 1st for herd with O. L. Conqueror, Mite 6th and Buttercup 15th, this being the third time this premium has gone to this herd with the same boar at the head. The 2nd ribbon for herd went to Messrs. Flatt for their 1st prize boar under the year, their yearling sow and sow under twelve months. O. L. Conqueror and four of his get got in first in the section for boar and four of his get for the third time in succession, as was also the case in the section for sow and four of her produce, which were by Conqueror, this red ribbon having gone to the Burford herd three years running. Jos. Featherston & Son won 2nd for both boar and four of his get and for sow and four of her produce, Messrs. Flatt not showing in either section.

AWARDS.

Boar, over two years—1st and 2nd, Brethour & Saunders, Burford; 3rd, D. C. Flatt & Son, Millgrove. Boar, over one and under two years—1st, J. Featherston & Son, Streetsville; 2nd and 3rd, Brethour & Saunders. Boar, over six and under twelve months—1st and 3rd, D. C. Flatt & Son; 2nd, Simmons & Quirie, Ivan. Boar, under six months—1st Brethour & Saunders; 2nd, D. C. Flatt & Son; 3rd, J. Featherston & Son. Sow, over two years—1st, Brethour & Saunders; 2nd and 3rd, D. C. Flatt & Son. Sow, over one and under two years—1st, D. C. Flatt & Son; 2nd and 3rd, Brethour & Saunders. Sow, over six and under twelve months—1st, D. C. Flatt & Son; 2nd and 3rd, Brethour & Saunders. Sow, under six months—1st, Brethour & Saunders; 2nd and 3rd, D. C. Flatt & Son. Best boar and two sows—1st, Brethour & Saunders; 2nd, D. C. Flatt & Son. Boar and four of his get under six months old—1st, Brethour & Saunders; 2nd, J. Featherston & Son. Sow and four of her produce under six months old—1st, Brethour & Saunders; 2nd, J. Featherston & Son.

Judges.—Prof. Day, Guelph; Wm. Jones, Zenda.

POLAND CHINAS.

This breed had but a small representation. W. M. & J. C. Smith, Fairfield Plains, were the only exhibitors (with the exception of five entries made by E. Malcolm, Scotland) and they won all the firsts but one and all the seconds.

AWARDS.

Boar, over two years—1st and 2nd, W. M. & J. C. Smith, Fairfield Plains; 3rd, E. Malcolm, Scotland. Boar, over one and under two years—1st, E. Malcolm; 2nd and 3rd, W. M. & J. C. Smith. Boar, over six and under twelve months—1st, 2nd and 3rd, W. M. & J. C. Smith. Boar, under six months—1st, 2nd and 3rd, W. M. & J. C. Smith. Sow, over two years—1st and 2nd, W. M. & J. C. Smith; 3rd, E. Malcolm. Sow, over one and under two years—1st and 2nd, W. M. & J. C. Smith; 3rd, E. Malcolm. Sow, over six and under twelve months—1st, 2nd and 3rd, W. M. & J. C. Smith. Sow, under six months—1st, 2nd and 3rd, W. M. & J. C. Smith. Best boar and two sows—1st and 2nd, W. M. & J. C. Smith. Boar and four of his get—1st and second, W. M. & J. C. Smith. Sow and four of her produce—1st and 2nd, W. M. & J. C. Smith.

Judges.—G. B. Hood, Guelph; R. Vance, Ida.

CHESTER WHITES.

With the exception of one second prize won by a boar under twelve months and a first by a sow of the same age shown by W. E. Wright, Glanworth, everything fell to H. George & Sons and H. E. George, both of Crampton, who were the only other exhibitors. This class has not been so weak for some time. Messrs. George had a well-fitted herd that for quality and smoothness were well up to the mark. Among them may be mentioned the first prize aged boar and aged sow, the yearling boar, boar under the year, the yearling sow and the sow under the year. Wright's young sow had great length and was of a capital type. His boar under a year was also smooth.

AWARDS.

Boar, over two years—1st and 2nd, H. George & Sons, Crampton; 3rd, H. E. George, Crampton. Boar, over one and under two years—1st and 2nd, H. George & Sons; 3rd, H. E. George. Boar, over six and under twelve months—1st and 3rd, H. George & Sons; 2nd, W. E. Wright, Glanworth. Boar, under six months—1st and 2nd, H. George & Sons; 3rd, H. E. George. Sow, over two years—1st and under two years—1st and 2nd, H. George & Sons; 3rd, H. E. George. Sow, over one and under two years—1st and 2nd, H. George & Sons; 3rd, H. E. George. Sow, over six and under twelve months—1st, W. E. Wright; 2nd, H. George & Sons; 3rd, H. E. George. Best boar and two of his get—1st, H. George & Sons; 2nd, H. E. George. Boar, and four of her produce—1st, H. George & Sons; 2nd, H. E. George. *Judges*.—G. B. Hood, Guelph; R. Vance, Ida.

DUROC JERSEYS.

Tape Bros., Ridgetown, and W. N. Tape, Bentpath, took turns about in winning the red ribbons in this class, in which they were, practically, the only exhibitors, as W. M. Smith, Fairfield Plains, only showed a couple of sows, one a yearling and the other under twelve months, each of which got a third prize.

AWARDS.

Boar, over two years—1st, W. N. Tape, Bentpath; 2nd, Tape Bros., Ridgetown. Boar, over one and under two years—1st, Tape Bros.; 2nd, W. N. Tape. Boar, over six and under twelve months—1st, W. N. Tape; 2nd, Tape Bros. Boar, under six months—1st, Tape Bros.; 2nd, W. N. Tape. Sow, over two years—1st, W. N. Tape; 2nd, Tape Bros. Sow, over one and under two years—1st, Tape Bros.; 2nd, W. N. Tape; 3rd, W. M. Smith, Fairfield Plains. Sow, over six and under twelve months—1st, W. N. Tape; 2nd, Tape Bros.; 3rd, W. M. Smith. Sow, under six months—1st, W. N. Tape. Best boar and two sows—1st, W. N. Tape; 2nd, Tape Bros. Boar and four of his get—1st, W. N. Tape; 2nd, Tape Bros. *Judges*.—G. B. Hood, Guelph; R. Vance, Ida.

OTHER DISTINCT BREEDS.

In this class Jos. Featherston showed all Essex except his boar under twelve months which was a Suffolk. His 1st prize yearling Essex boar was bred in the States. T. McClure, Meadowvale, had Essex, and J. Hord & Son, Parkhill, Suffolks.

AWARDS.

Boar, over one and under two years—1st, Jos. Featherston & Son, Streetsville. Boar, over six and under twelve months—1st, Jos. Featherston & Son. Boar, under six months—1st, J. Hord & Son; 2nd and 3rd, Jos. Featherston & Son. Sow, over one and under two years—1st and 3rd, Jos. Featherston & Son; 2nd, J. Hord & Son; Sow, over six and under twelve months—1st, T. A. McClure, Meadowvale; 2nd, J. Hord & Son; 3rd, Jos. Featherston & Son. Sow, under six months—1st, Jos. Featherston & Son; 2nd, T. A. McClure; 3rd, J. Hord & Son. Best boar and two sows—1st, Jos. Featherston & Son; 2nd, J. Hord & Son. *Judges*.—Prof. Day, Guelph; Wm. Jones, Zenda.

EXPORT BACON HOGS.

There were two sections in this class, the first for best pen of four pure-bred hogs, most suitable for export bacon, the pigs to be bred by exhibitor, and to be all four of one breed. Out of fourteen entries in this section 1st went to a capital quartette of Yorkshires, bred and owned by D. C. Flatt & Son, Millgrove, that were of good bacon type. Brethour & Saunders, Burford, were 2nd with four good Yorkshires; Duck & Son, Port Credit, 3rd, also with Yorkshires; Colwill Bros., Newcastle, 4th, with Tamworths, and Jos. Featherston & Son, 5th, with Yorkshires. In the second section, which was for four hogs of any breed, cross

or grade, most suitable for export bacon, in which pigs of different breeds could be mixed by the exhibitor, there were the same number of entries, and the prizes went exactly in the same order and to the same pigs as in the pure-bred section.

AGRICULTURAL HALL

This building contained one of the best exhibits of grains, roots, vegetables, etc., it has been our privilege to see at the Industrial. The display of cabbage, potatoes, onions and celery was specially good. In the root class a fine display of sugar beets was made. The samples shown were large and rough in appearance and not just what is wanted for making sugar. It might be a good plan another year to have prizes given for sugar beets for beet root sugar purposes, provided some expert could be secured to judge them. The whole display is all the more creditable because the Industrial comes a little too early in the season to admit of securing maturity in some of the exhibits without too much forcing.

An interesting display was made in this building by the Crown Lands Department of native grasses, grains, roots, and all kinds of vegetables from New Ontario, more especially from the Port Arthur district. The time was three weeks too early to show off to advantage, but nevertheless there was a creditable display and one which proved that there is nothing either in the soil or climate conditions to prevent all lines of staple farm products being produced there in great abundance. The exhibit of native grasses, containing 148 varieties, was the collection which won first place in competing for a government prize of \$25 given for the best selection. Mr. Thos. Southworth director of colonization was in charge.

DAIRY PRODUCTS.

This year's exhibit of dairy products has shown conclusively that if the Toronto Industrial Exposition wishes to maintain its past records for large butter and cheese exhibits, and to advance in these lines, a new dairy building must be forthcoming very, very soon. The dairymen have been promised something better for several years back, and the place where the dairy display was held would seem to indicate that we are no nearer the promised goal than four or five years ago. Though it must be stated that, so far as promises go, the long looked for building is to come along next year. The board of directors are also now convinced that something must be done to remedy matters, so we may look for something substantial as soon as the funds are forthcoming. But if they cannot be secured by Government grants there should be retrenchment along other lines till a new dairy building is supplied. The greatest annual fair on this continent cannot afford to go along with its present accommodation for dairy products much longer. The kind of building required is an up-to-date structure large enough to contain dairy products, dairy machinery and appliances, and the butter-making competition under one roof. Were such a building provided and suitably located, we venture to say the dairy display and interest in this department would be increased many times over.

CHEESE.

There must have been considerably over 100 cheese less shown this year than last. In addition to the effect which unsuitable accommodation would have in influencing exhibitors to stay at home, the withdrawal of all the special prizes, such as the Windsor and Colman's salt prizes, lowered the number of entries. The quality all through was generally only fair, and many of the prize-winning cheeses did not score very high.

AWARDS.

Section 1.—Best four factory colored, two made during June and two during July—1st, J. S. Isard, Williscroft; 2nd, W. A. McLaren, Avening; 3rd, W. A. Bell, Pine River; 4th, W. D. Angus, Attwood; 5th, M. Morrison, Harriston; 6th, J. S. Isard, Paisley. Section 2.—Best four factory (white) made as above—1st, W. J. Clarridge, Glen Huron; 2nd, R. W. Thompson, Springbrook; 3rd,

f. S. Isard; 4th, M. Knechtel, Dorchester; 5th, W. D. Angus; 6th, W. Colbert, Lavender.

Section 3.—Best three factory (colored) made during first two weeks of August—1st, J. S. Isard; 2nd, Geo. A. Boyes, Mapleton; 3rd, J. W. Clarridge; 4th, W. A. McLaren; 5th, T. B. Sellars, Laurel; 6th, S. R. Payne, Warsaw.

Section 4.—Best three factory cheese (white) made as above—1st, T. B. Sellars; 2nd, J. R. Burgess, Bluevale; 3rd, Mary Morrison, Newry; 4th, J. W. Clarridge; 5th, Jno. M. McIntyre, Palmerston; 6th, M. Morrison, Harriston.

Judge—R. M. Bullantyne, Stratford.

BUTTER.

Like cheese butter showed a large falling off. In creamery butter there were hardly enough packages to fill the large refrigerators provided. The quality also was hardly up to the standard of other years. The awards are as follows:

Section 7.—Best 2 tubs or boxes made at any creamery—1st, Isaac Wenger, Aytun; 2nd, James Ireland, Beachville; 3rd, John C. Bell, Winchelsea; 4th, Geo. Balkwill, Lafontaine; 5th, Thos. C. Waddell, Komoka; 6th, W. H. Brubacher, Fergus.

Section 8.—Best lot of creamery butter in prints or rolls—1st, Isaac Wenger; 2nd, James Ireland; 3rd, W. H. Brubacher; 4th, A. W. McLaren, Nelson; 5th, John C. Bell; 6th, Geo. Balkwill.

Section 9.—Best lot of creamery butter in 10 lb. packages—1st, James Ireland; 2nd, Isaac Wenger; 3rd, A. W. McLaren; 4th, Geo. Balkwill; 5th, W. H. Brubacher.

Section 10.—Best two tubs, not less than 30 lbs., made in farm dairy—1st, A. Hutton, Brampton; 2nd, J. A. Watson, Eden Mills; 3rd, Miss Hunter, Rockton; 4th, Chas. E. Rogers, Dorchester; 5th, H. W. D'Arcy, Coaticook.

Section 11.—Best two firkins, not less than 20 lbs., made in farm dairy—1st, Jas. Dobson, Alton; 2nd, J. A. Watson; 3rd, Wm. Whitelaw, Meaford; 4th, A. Hutton; 5th, Miss Hunter; 6th, Mrs. Wm. Willis, Newmarket.

Section 12.—Best basket in 1 lb. prints or rolls—1st, Miss Hunter; 2nd, A. Hutton; 3rd, Mrs. Wm. Willis; 4th, G. W. Lee, Aurora; 5th, James A. Dobson; 6th, H. W. D'Arcy.

Judge—Arch. Smith, Milverton, Ont.

BUTTER-MAKING COMPETITION.

The butter-making competition was again an unqualified success. It has proven to be, as its promoters expected, one of the best educational features of the show. No special feature in the agricultural line has aroused so much interest as this and the annual butter making competition may now be considered one of the fixtures of the Industrial. What is needed to make it a complete success is a better building. While the apartment at the west end of the grand stand served the purpose well as a beginning, more light and larger seating accommodation is required. The seats provided this year were occupied by eager watchers from the beginning to the end of the contest, besides an eager crowd who could not be accommodated with seats.

There were two classes in the competition, one opened to butter-makers from any creamery and to graduates of the dairy schools and the other to farmers' wives, sons and daughters and makers in any farm dairy. There were six competitors in the first class and five in the second. Each group made four batches of butter, two each day, so that the competition extended over four days and served the purpose of a working dairy as well as a competition. During the four days 325 pounds of butter were made and 1680 pounds of cream used. The butter sold readily at 25 cents per pound and the receipts from the butter milk, which was sold by the glass, amounted to over \$60.

The judges in the competition were Prof. Dean and Miss Rose, of the Guelph Dairy School, and Prof. Hart, of the Kingston Dairy School. Miss Shuttleworth, of Guelph, had charge of the dairy during the competition. The following is a summary of the result of the test. It will be noticed that in the creamery classes the one scoring the lowest total score scored the highest on butter. This is explained by the fact that methods and manner of doing the work were considered by the judges as well as the quality of the butter. The butter in the home dairy class also scored higher than that in the creamery class, which is partially explained by the fact that the former butter, when scored, was firmer, owing to more ice being used in the refrigerator.

CREAMERY CLASS.

Prize.	Name of Cow.	Score of Butter.	Total Score. Possible, 800.
1st	R. Ireland, Beachville	84.2	734.4
2nd	Miss McAllister, Coventry	85.2	732.4
3rd	Robt. Ferguson, Chesley	85.7	731.4
4th	J. Malcolm, Sheffield	85	731.0
	Wm. Elliott, Galt	84.7	730
	A. W. McLaren, Neilson	87.	648.

HOME DAIRY.

1st	Miss F. Barry, Elmwood	90	751
2nd	Miss Hunter, Rockton	91	747
3rd	Chas. E. Rogers, Dorchester Sta.	89	715
4th	Miss Stewart, Hampstead	85	706

JUDGING BY FARMERS AND FARMERS' SONS.

The judging for the prizes donated by the Massey-Harris Co. took place on Wednesday, September 5. There were four prizes offered for the best judging of dairy cattle, the same number for judging of beef cattle and for the best judging of sheep. The conditions were that only farmers or farmers' sons, under twenty-five years of age, could enter and the judging was to be done by score cards or otherwise. The correct placing of animals, the reasons for so doing and quickness in making the awards were to be considered by the official judges.

In the class for dairy cattle, Prof. Day and G. W. Clemons acted as official judges. Percy Clemons came in 1st, scoring 183 out of 300; W. J. Black, Stanton, scored 16.2 and was 2nd, while F. R. Mallory, Frankford and J. A. Robertson, Guelph, were 3rd and 4th. Four cows of each breed and four bulls of each breed were judged.

W. A. Tolton, Walkerton, was 1st for judging beef cattle, T. A. Russell, Toronto, 2nd, A. S. Gardhouse, Highfield, 3rd, and W. A. Dryden, Brooklin, 4th.

The judging competition of sheep resulted as follows: Jno. A. Robertson, Guelph, 1st; W. A. Dryden, Brooklin, 2nd; D. H. Galbraith, Orangeville, 3rd, and F. R. Mallory, Frankford, 4th. Nearly all those who entered in these competitions were students at the Ontario Agricultural College, Guelph.

MILK TEST.

The annual milking competition seems to be losing interest. As the report below shows, only four cows entered, which as usual were all Holsteins. We do not see that there is anything further to be gained by conducting this test in its present shape. Unless an estimate of the food consumed can be got at, it seems only a waste of money to conduct this test each year in the same old way. The following is the table of results:

Name of Cow.	Owner.	Address.	lbs. Milk.	lbs. Total Solids.
1 Inka Sylvia	C. J. Gilroy & Son	Glen Buell	128.25	13.4483
2 Highland	Cornelia Rettie Bros.	Norwich	126.	13.4429
3 Winnie R.	G. Rice	Curries	112.	12.0817
4 Daisy Texal	G. Rice	Curries	104.25	10.9193

FRUIT.

The fruit exhibit was a most excellent one. Not for several years has there been such a fine display of apples, peaches, grapes and pears. Over 600 plates more were required to hold the fruit than last year, and tables had to be erected for the overflow in the flower department. The Industrial Fair comes a little early for some of the fruit to ripen. This is particularly so with apples, excepting the early varieties. While those shown were large, smooth and of good quality, many of them had not taken on the rich color of fully matured fruit. However, the exhibit showed that Canada is a great fruit-bearing country. While the Niagara district predominates in so far as peaches, pears, plums and grapes are concerned, it is not so with apples. Our really best keeping apples grow in other parts of the province. It is a recognized principle

in apple culture that the farther north apples can be grown to maturity the better the quality will be. For this reason some of the northern counties of the province, such as Simcoe, excel so far as the production of apples is concerned.

An interesting contest took place between local horticultural societies in exhibiting collections of fruit. The 1st prize went to the Burlington Society and the 2nd to the Township of Louth Association, in the St. Catharines district. While the former had a much larger collection, the quality all round was not nearly so good as the exhibit of the latter association. But in the opinion of the judge quantity seemed to count. The 2nd prize exhibit, though small, was select, neatly arranged, with fine fruit in each case. A third exhibit was made by the Niagara-on-the-Lake Association.

A feature in this building was the exhibit of the fruit experiment stations. These stations, as is well known, are maintained by the Provincial Government for the purpose of demonstrating to the farmers in the various sections of the province the best kinds of fruits to grow in their respective localities. The various specimens shown as a result of this experimental work show that this work is serving the object in view well. A couple of packages were shown for use in the export trade. One was a box made to hold about sixty good sized pears. They were packed two deep with moss between, and would cost about 12c. each. The moss or substance used in packing seemed somewhat dirty in appearance, and might be an objection. The other was a box containing four racks, each rack containing an apartment for each apple or peach, as the case might be. This appeared to be an ideal plan, and the one objection there might be was the cost, which would be about 30c. for the box and racks alone.

HONEY.

Honey made a very poor show, there being only two exhibitors, due to a great scarcity of honey because of dry weather in the chief honey sections, and to a great many bees dying off early in the spring. This latter was due to the scarcity of honey last year, which brought a corresponding scarcity of bee food.

British Cattle Shows

By Stockman

Attention has been called by Sir George Macpherson Grant, of Ballindalloch, to the tendency in Britain to let the cattle classes fall away and give undue prominence to special attractions at British shows. Sir George has been an exhibitor of cattle for over forty years. During all that time he has kept in the front rank in the show ring. He claims that the agricultural show has been a great benefit in steadily raising the standards for the breeds of cattle. He pointed out that the object of shows was not to raise phenomenal animals which, though great prize-winners, were seldom very profitable, but rather to get out a number of exhibitors and raise the standard for the whole of a breed.

At present in Britain the tendency seems to be to neglect the cattle and sheep sections for those more popular with the visiting public, such as horse-driving and hurdle-jumping. Here in Canada fair managers have long since given much time and money to the side attractions of our great fairs, but they have not neglected the cattle and sheep sections. That many of our fair visitors care little for either cattle or sheep is quite true, but the majority of visitors from the farm recognize the great importance of those classes and give them due attention, and thousands when at the fair go to see the stock and get an idea of what there is on exhibition who never see anywhere else during the year as many cattle or sheep. Fair managers plan to draw the crowd, and to do this they have to offer ever-varied attractions. With the crowd come cheap fares and rapid travelling facilities, and that brings customers to

the breeders, and that is what is wanted to make a show popular with exhibitors.

Cultivation of the Orchard

By W. H. Hilborn, Leamington, Ont.

Every farmer should have an orchard, either small or large, just in proportion to his ability to care for it. Ten trees well cared for will give better satisfaction than a large orchard left to take care of itself.

The prevailing opinion has been that if an orchard were well taken care of while young it would require very little attention when it came into bearing. With a more thorough knowledge of the requirements of a fruit tree we find that when it comes into bearing it requires more attention. At this time the trees have a double work to perform—they have to produce wood as well as fruit, and therefore require the best attention to give the most regular crops of first-class fruit. If we neglect the orchard for one season this neglect will be apparent for years.

The important points in the successful management of an orchard are: 1st, suitable soil and location; 2nd, proper cultivation for growth of wood early in the season and ripening the wood and fruit trees early in the autumn; 3rd, fertilizing sufficiently to keep them in a good-growing condition without causing a too vigorous growth of wood.

It is impossible to lay down any method that will suit all conditions and localities. In a general way the following methods may be adopted with the expectation that good results will follow:

SELECTION OF TREES.—Always select young healthy trees. In apples, pears, plums and cherries, trees not more than two years from the bud or three from the graft. Peaches never more than one year from the bud. If any of the former show any appearance of black heart do not plant them, as they will never recover. This may be detected by looking at the scars made on the trunk of the tree where the side branches have been trimmed off in the nursery. If these wounds have healed over nicely there will be no danger of black heart. If they have not healed over, but have turned black and the bark around them shows a dark discoloration, caused by bleeding, you will nearly always find black heart in such trees, from which they never recover and never make healthy trees.

SOIL.—The soil should be a good friable loam, well drained, either naturally or by underdraining. A northern slope is to be preferred. Select the highest elevation you have, other conditions being equal. As cold air, being the heaviest, moves down to the lowest point, a hollow is not a good location for an orchard, as the cold air settles there, on the same principle that water does. Hence the fruit buds are more liable to injury from frost.

PLANTING.—This should be done as soon as growth begins in early spring. Plant a little deeper than they were in the nursery. First prune off all injured portions of the roots, and shorten any that are over a foot in length. When planting early, or before growth begins, I often allow the top to remain without pruning until the buds swell, then thin out the surplus branches and cut back the remaining ones one-third to one-half. Dig the holes larger and deeper than required to admit the roots of the tree; use soil of good medium fertility to put in among them. This should be well rammed in among the roots. Always save the richest soil or loam to put on top as a mulch around the tree. Never let manure come in contact with the roots of any plant or tree when planting. Never plant when the soil is wet enough to cleave together badly when handling. Keep the roots well covered while out of the ground; many failures are the result of neglect in this particular. My own method is to place a box on a stone boat, put the trees in the box and mix wet straw or moss with the roots. Drive along when planting and take out the trees just as wanted. They should be planted at least forty feet apart for apples; pears, plums and cherries, from 15 to 25 feet apart; peaches, 12 to 20 feet apart.

(To be continued.)

The Agricultural Gazette

The Official Bulletin of the Dominion Cattle, Sheep, and Swine Breeders' Associations, and of the Farmers' Institute System of the Province of Ontario.

THE DOMINION CATTLE, SHEEP, AND SWINE BREEDERS' ASSOCIATIONS.

Annual Membership Fees:—Cattle Breeders' \$1; Sheep Breeders', \$1; Swine Breeders', \$2

BENEFITS OF MEMBERSHIP.

Each member receives a free copy of each publication issued by the Association to which he belongs, during the year in which he is a member. In the case of the Swine Breeders' Association this includes a copy of the Swine Record.

A member of the Swine Breeders' Association is allowed to register pigs at 50c. per head; non-members are charged \$1.00 per head.

A member of the Sheep Breeders' Association is allowed to register sheep at 50c. per head, while non-members are charged \$1.00.

The name and address of each member, and the stock he has for sale, are published once a month. Over 5,000 copies of this directory are mailed monthly. Copies are sent to each Agricultural College and each Experiment Station in Canada and the United States, also to prominent breeders and probable buyers resident in Canada, the United States and elsewhere.

A member of an Association will only be allowed to advertise stock corresponding to the Association to which he belongs; that is, to advertise cattle he must be a member of the Dominion Cattle Breeders' Association, to advertise sheep he must be a member of the Dominion Sheep Breeders' Association, and to advertise swine he must be a member of the Dominion Swine Breeders' Association.

The list of cattle, sheep, and swine for sale will be published in the third issue of each month. Members having stock for sale, in order that they may be included in the Gazette, are required to notify the undersigned by letter on or before the 9th of each month, of the number, breed, age, and sex of the animals. Should a member fail to do this his name will not appear in that issue. The data will be published in the most convenient form.

A. P. WESTERVELT, Secretary.
Parliament Buildings, Toronto, Ont.

List of Stock for Sale.

The following list of stock for sale has been received too late for publication in the Exhibition Number of THE GAZETTE:

DOMINION CATTLE BREEDERS' ASSOCIATION.

Shorthorns.

Adams, Mrs. Jas., Oro Station—3 bull calves, 7, 9 and 18 months; 3 heifer calves; 4 cows; several yearlings and two-year-old heifers; bull, 2 years.

Baker, J., Bennington—3 yearling heifers; bull calf; 5 heifer calves.

Bell, J., Bradford—Aged bull; 4 bull calves; 3 heifer calves.

Benner, W. R., Alvinston—5 bulls, 8 to 18 months; 6 cows; 2 yearling heifers.

Breen, J. F., Melancthon—Bull, 2 years; 3 bull calves, under 1 year; 2 cows.

Brodie, G. A., Bethesda—1 yearling and 10 bull calves; 10 heifers.

Brown, J., Thorold—Heifers, 1 to 3 years; bulls, 8 to 20 months; heifer calves.

Brown, J., Thorold—Cows; heifers, 1, 2 and 3 years; bulls, 8 to 20 months; heifer calves.

Burrige, A. G., Bathwell—2 bulls, 4 and 14 months; females, different ages.

Caskey, J., Tiverton—6 bulls, 3 months to 3 years; cows and heifers.

Coyte, Thos., Port Hope—4 bulls, 20, 9, 8 and 6 months.

Cudmore, T. & Son, Hurondale—2 bulls, 1 and 4 years; 4 bulls, 4 to 8 months; 7 heifers and cow, 1 to 5 years.

Davis, H. J., Woodstock—4 bull calves; 11 cows and heifers.

Douglas, J., Caledonia—11 bulls, 5 to 24 months; young cows and heifers.

Douglas, T. & Sons, Strathroy—100 head; 10 yearling bulls; 15 bull calves; cows and heifers, all ages.

Fairbairn, H. K., Thedford—10 cows; 3 heifers, 3 years; 3 bulls; 4 heifer calves; 10 months.

Ficht, V., Oriel—Heifers; bull calves.

Fleming, A., Jr., Kilsyth—Yearling heifer; bull calf, 10 months.

Gardhouse, J., Highfield—4 bull calves; young cows and heifers.

Gorwill, S. B., Fanshawe—Bull calves; yearling and two-year-old heifers.

Grainger, W. & Son, Londresboro—Bull, 5 years; 8 young bulls, 4 to 20 months; cows and heifers.

Hardy, J. D. G., Ashgrove—3 bulls, 16 months; 4 bull calves, 6 to 8 months.

Hauser, I., Weisenburg—2 bulls, 14 months; 2 bull calves.

Hermiston, R., Mount Forest—6 bulls, 5 to 10 months; 6 heifers, 4 to 8 months.

Hodgyn, T. & Son, Ettick—3 bulls.

Holdsworth, R. L. & Son, Port Hope—Bull, 2 years; bull calves, 8 to 9 months.

Isaac, W. J., Harwood—bull calf; heifer calf.

Johnson, G. & Son, Underwood—Bull, 20 months; 2 heifers, 2 and 3 years.

Johnston, S., Fowditch—Bull, 15 months; heifer calves, 2; females all ages.

Kob, E. B., Berlin—4 cows, 4 to 7 years; 6 heifers, 6 months to 2 years; 3 bulls, 7 to 18 months.

McCaig, A., Aberfoyle—4 bulls, 4 to 9 months.

McDonald, J., Hampstead—2 bulls, 5 and 7 months; 2 heifers, 9 and 11 months.

McGillawee, A. & Sons, Hampstead—3 bulls, 12 to 17 months; 3 heifers, 1 year; 5 heifers, 2 years.

McKenzie, J., Keward—Bull, 3 years; bull, 18 months; 3 bulls, 9 months; heifer, 2 years; heifer, 10 months.

McKinnon, A., Coningsby—2 bulls, 12 and 15 months.

McLaren, D., Cromarty—Bull, 4 years; 2 bulls, 1 year; 4 calves, 7 months; 3 heifers, 2 years; 2 heifers, 1 year.

Milne, D., Ethel—12 bulls, 3 to 23 months; cows and heifers.

Mitchell, R. & Son, Nelson—11 bulls; 25 cows and heifers.

Pearen, G. H., Rockwood—Bull calf; heifer, 2 years; 3 heifers, 1 year.

Prophet, E. J., Brechin—Bull, 3 years; 2 cows; 2 yearling heifers.

Rankin, C., Wyebridge—5 bulls, 6 to 10 months; young cows; heifers, 2 years; yearling heifers.

Raikes, G., Burrie—Aged bull; 3 bull calves; 5 heifers, different ages.

Riddel, J., Beeton—Bull, 1 year; 2 bull calves, 5 and 9 months; 4 heifer calves; 3 heifers, 2 years; cows.

Robinson, E. L. & W. G., Wallace—Bull, 3 years; 2 bull calves, 3 and 7 months.

Smith, A., Trowbridge—6 bull calves, 4½ to 11 months; 2 heifers, 2 years; heifer calf; heifer, 1 year.

Smyth, H. R., Chatham—2 bulls, 10 months; 6 heifers, 8 months to 2 years.

Sockett, J., Rockwood—4 bulls, 13 to 18 months; bull calves; heifers, 1 to 2 years.

Sparham, G. E., Morpeth—Bull, 9

months; bull, 2 years; cows and heifers, all age.

Steele, J., Lochalsh—6 bulls, 6 to 8 months; 3 heifer calves.

Way, T., Chapman—Bull, 2 years; 2 bull calves; 2 heifers; cow.

Wilkin, J., Balsam—3 bulls, 7 to 12 months; 6 heifers, 2 years and under.

Ayrshires.

Guy, F. T., Bowmanville—2 yearling bulls; 4 2-year-old heifers; 3 1-year-old heifers; young calves of both sexes.

Murphy, R. G., Elgin—Yearling bull.

Guernseys.

Experimental Farm, Ottawa—Bull.

Fisher, S., Ottawa—Bull calf.

Herefords.

Stone, F. W. Stock Co., Guelph—3 bulls, 11, 16 and 18 months; 8 bull calves; 2 cows; 2 heifers, 3 years; bull, 2 years.

Sutherland, E., Bennington—3 head.

Thompson, J., Mildmay—Yearling bull; stock bull; 3 bull calves; heifers.

Weber, L., Hawksville—5 bull calves, 3 to 15 months; 4 heifers.

Wes, O. L., Luton—3 bull calves, 7 and 8 months.

Wise, W. & Son, Clinton—3 bulls, 5 to 8 months; 2 yearling heifers; stock bull.

DOMINION SHEEP BREEDERS' ASSOCIATION.

SHEEP.

Wethers.

Ficht, V., Oriel—20 ram lambs; shearing ewes; 2 imp. shearing rams.

McNelly, Hugh, Arkell—4 ram lambs; 4 ewe lambs; aged ewes.

Leicesters.

Douglas, J., Caledonia—13 shearing ewes; 4 shearing rams; ram and ewe lambs.

Experimental Farm, Ottawa—3 ram lambs.

Shropshires.

Brodie, G. A., Bethesda—Ram lambs.

Fisher, S., Ottawa—7 buck lambs; 10 ewe lambs.

DOMINION SWINE BREEDERS' ASSOCIATION.

Berkshires.

Hauser, I., Weisenburg—12 boars and sows, 7 months; 6 boars and sows, 5 months; sow.

Kitching, J., Corwhin—1 boar; 3 sows, 8 months.

Murray, G. H., Innerkip—Aged boar; 3 boars and 3 sows, 5 months; young pigs, both sexes.

Way, T., Chapman—3 sows, 6 months.

Yuil, J. & Sons, Carleton Place—2 boars, 5 months.

Yorkshires.

Armstrong, A. B., Codrington—Boar, 17 months; boar, 4 months; 2 sows, 4 months.

Barr, D., Jr., Renfrew—25 pigs, 4 weeks; 4 sows, 2 years; 3 sows, 1 year.

Davis, H. J., Woodstock—10 boars, different ages; 12 sows, 6 months to 1 year.

Murray, G. H., Innerkip—7 young pigs.

Ross, A. W., Douglas—20 sows, 6 months; 6 boars, 4 to 8 months.

Duroc Jerseys.

Derbyshire, J. B., Wheatley—Stock, both sexes, 2 weeks to 1 year.

Chester Whites.

Denison, W. S., Denison's Mills, Que.—Boar, 2 years and 5 months; boar, 1 year;

sow, 1 year and six months; 5 sows, 4½ months; 5 sows, 3 weeks; 3 boars, 3 weeks.

Holdsforth, R. L. & Son, Port Hope—Aged boar; sow, 1 year.

Tamworths.

Murphy, K. G., Elgin—Aged boar and sow; 10 boar and sow pigs, 2 months.

A Letter From the Foot Hills of Southern Alberta.

By Mr. David Warnock, V.S., Local Manager, New Walrod Ranch Co., Livingstone, Alta.

Editor AGRICULTURAL GAZETTE:

We have just completed spring round-up work, and have had a very satisfactory calf brand. The bulls were turned loose in fine condition on July 10. We had some splendid calves this year; the fresh blood is making an impression in the herd. We have had some bad thunder storms this month, accompanied by hail, which has done considerable damage to crops in some parts of the district. So far we have escaped hail, but have had some casualties by lightning.

We got in 180 acres of Bromus seed, and it is coming up nicely. The new Special grass-seeder worked to perfection, and effected a great saving in time and seed. Our oat crop promises well.

25th July, 1900.

[We shall be glad to hear from Dr. Warnock as often as he can find time to write.—Editor.]

Sale of Live Stock.

Wm. Hogg & Son, Thamesford, Ont., intend holding a sale of short-horn cattle on October 24, 1900. The herd consists of 10 bulls and 14 cows, and they will be sold without reserve. At the same time will be offered for sale 17 Leicester ewes and lambs and 20 Tamworth pigs of all ages and both sexes. Catalogues may be obtained on application after October 1.

FARM HELP EXCHANGE.

The Farm Help Exchange has been started with the object of bringing together employers of farm and domestic labor and the employees. Any person wishing to obtain a position on a farm or dairy, or any person wishing to employ help for farm or dairy, is requested to forward his or her name and full particulars to A. P. Westervelt, Secretary, Live Stock Associations. In the case of persons wishing to employ help, the following should be given: particulars as to the kind of work to be done, probable length of employment, the following should be given: experience and references, age, particular department of farm work in which a position is desired, wages expected, and where last employed.

These names when received together with particulars will be published FREE in the two following issues of the "Agricultural Gazette" and will afterwards be kept on file. Upon a request being received the particulars only will be published, the names being kept on file.

Every effort will be made to give all possible assistance to the end that suitable workers, male or female, may be obtained. Every unemployed person wishing to engage in farm or dairy work is invited to take advantage of this opportunity.

Help Wanted.

Boy or man wanted to deliver milk; steady work and a good home. Wages not so much an object as honest ser-

vice. Must be steady and industrious. No. 583.

Good, reliable, married man wanted to feed stock and look after a farm. House, garden, cow-house and hen-house provided. Will engage for any term over six months. School and churches on front of farm. Must be temperate. No. 584.

Good, young, unmarried man wanted as farm laborer for a year, and, if everything is satisfactory, it may be for many years' work; general farm work. No. 585.

Man wanted for all kinds of farm work on a dairy farm. Engagement for a year, if suitable. No. 581.

Domestic Help Wanted.

Housekeeper wanted on a farm in the States. Permanent position. Wages, \$12 a month. Or would hire man and wife, man to do general farm work and wife to do housework for family of six. Good wages. References required. No. 582.

Situations Wanted.

Young man, aged 22 years, wants a situation on a stock or fruit farm. Has had good experience in sheep breeding and usual farm work. Will hire for twelve months. Wages expected, \$13 a month. No. 442.

Man aged 44 wants a situation on a sheep ranch in the West. Good references. No. 441.

N.B.—Where no name is mentioned in the advertisement, apply to A. P. Westervelt, Parliament Buildings, Toronto, giving number of advertisement.

Farmers' Institutes.

Under this head the Superintendent of Farmers' Institutes will each week publish matter relating to Institute work. This will include instruction to Secretaries and other officers, general information about Institutes and Institute work, suggestions to delegates, etc. He will also from time to time review some of the published results of experiments conducted at the various Agricultural Colleges and Experiment Stations of Canada and the United States. In this way he hopes to give Institute members some valuable information which they might not otherwise receive, on account of not having access to the original publications. If any member at any time desires further information along any of the lines discussed, by applying to us he will be put in direct communication with the Institution that has carried on the work.

G. C. CREELMAN,
Superintendent Farmers' Institutes.

The Dairy Courses at Guelph College.

A number of applications have already been received for the several courses offered in the different departments of the dairy school, and the prospects are that the school will be taxed to its fullest capacity during the coming session. The "creamery course" lasts from the 3rd to the 21st of December, while the "Factory course" commences on the 2nd of Jan. and closes on the 22nd of March. The practical nature of the short course intended for those who wish to take charge of private dairies, and the

thoroughness and extent of the instruction given in the factory course, make the Dairy school at Guelph most admirably suited to the needs of all who are seeking instruction in the best methods in modern dairying.

First Report From Dr. Mills in Britain.

Editor AGRICULTURAL GAZETTE:

We left Montreal by steamer *Numidian* on the 7th instant. Had four days' fog and consequent delay; so we were eleven days on the river and ocean, but in other respects had a very pleasant passage. The boat did not stop at Melville, for Londonderry, as expected, so we landed at Liverpool early in the morning. Arranged for return passage, to leave by the large new steamer *Tunisian*, Allan Line, on the 27th September, and started back for Londonderry that evening, as we had decided to see Ireland first, Scotland and England afterwards. I spent a day and a half in Derry and left for Enniskillen and Pettigo. Started for Dublin, where we remained two days, after which we went north to Belfast. From first to last the country is surprisingly beautiful, a constant succession of fertile, finely cultivated hills and valleys; and the crops—chiefly hay, oats and potatoes—are very good and promise a large yield. There are of course many fields of flax and turnips, with occasional patches of mangels. The cattle in the north are mostly Shorthorn grades. Most of the heifer calves are kept, and the steers, when one to three years of age, are sold as stores to Scotch and English feeders. In some localities crosses of the Shorthorn and Ayrshire are kept.

At Belfast we were at the Horse and Sheep Show of the North East Agricultural Association—a splendid show of saddle, carriage and hunting horses, and a very good display of sheep—Border Leicesters, Shropshires, Scotch black-faced sheep and Lincolns. There were not many Lincolns, the greater number being Leicesters and Shropshires. The show lasted three days, and was fairly well attended, notwithstanding that the entrance fee for the first two days was fifty cents, and there were no side shows or attractions of any kind.

After the show I started for Scotland, going from Larne north of Belfast across to Stranraer, a distance of about 39 miles. I went at once to Castle Douglas, where Jas. Biggar met me and took me to his beautiful home, in which I have been lavishly entertained for the last five days.

Stock sales are held at Castle Douglas, a place of about 2,500 inhabitants, every week,—store cattle, fat cattle, dairy cows, sheep and lambs in large numbers, brought in by farmers and others from the surrounding locality. I went yesterday, in the hope

that I might pick up something that might be of use to us in establishing auction sales in Canada. Sale began here at eleven and continued till four, two auctioneers in covered rings selling all the time. I did not get the rules and regulations, but I got some rules and regulations from Mr. Biggar re sales of thoroughbred Galloway stock. These sales have been very successful, and I have sent catalogues, etc., under separate cover, also some notes enclosed herewith. I go north through Scotland next, and then to England.

Poultry Reminders for August.

(Continued from page 1222.)

Thinning out of all inferior birds should now be done with an unsparing hand in order to allow the better ones a good chance. It is a bad plan to have too many growing birds in one run, especially if they are at all overcrowded in coops or houses. We should pay particular attention to coops and houses in the hot weather, as the germs of disease breed very quickly amongst filth at such times. It is advisable to have them with movable bottoms, and covered with dry earth or peat-moss. Hens confined in coops must be frequently examined for insect vermin, and if any are found they should receive a good dusting with insect powder. If this be not attended to they will quickly spread to the chickens, and cause endless trouble. Great numbers of chickens die every year from this cause, and it is surprising what an amount of ignorance there is amongst poultry keepers as to the reason why their chicks die.

LICE FATAL TO YOUNG CHICKS.

Only the other day I was asking a breeder, who has been in the fancy for many years, how his chickens were progressing. He told me that the earlier broods were thriving well, all being well and healthy, but that the later ones seemed very weakly and were dying off unaccountably, although all were bred from the same parent birds. When asked whether he had examined them for lice, he said that it had never occurred to him to do so. He lost no time, however, and found it just as I had suspected. A tin of Keating's insect powder was sent for at once.

If not already done, the present is a good time to thoroughly cleanse houses by means of good lime-washing. It is a good plan to mix a teaspoonful of strong carbolic acid with the lime-wash. Coops and sitting boxes that are done with for the season will be none the worse for a good cleansing with the same preparation. It should be well worked into all corners and crevices likely to harbor insect pests. Perches may receive a good painting with the same, or coal oil may be used instead.

Some of the earlier chickens will

now be wanting to perch. See to it that the perches are not too narrow, and also that they are placed rather low. It is not advisable to allow chickens to begin to perch too soon. If they do, crooked breast-bones are frequently the result.

All houses that require repair should now be attended to. See that all roofs are rain proof, and renew with tarral felt if any are found to be leaking. All would be the better for a coating of hot tar, followed by a good sprinkling of fine sand. Treated in this way the felt will last a very long time.

LOOKING AFTER THE SHOW BIRDS.

Birds required for showing should now be separated and placed by themselves, so that they may receive extra attention. It is always best to separate the cockerels from the pullets. Pullets may be placed together, but cockerels do best if they are put in cockerel pens by themselves. Some place a few together, but it often ends in a fight, even when the birds have been reared together. Do not forget to give a little green food daily to birds so confined. A little grass cut up finely and mixed with the soft food is the best way to give it. Onion tops and cabbage or lettuce leaves also come in very useful for this purpose.

This is a good time to buy good stock birds cheaply, and for new beginners. This month is a very suitable time to start. Many breeders have now first class breeding birds to spare to make room for young stock, and are often glad at this time to part with them for very low prices.

Ventilation in the poultry houses will require careful attention during the hot weather. Provide it, however, so that the birds do not roost in a draught or cold and croup may result. On very hot nights it is a good plan to leave the door wide open, if the birds are known to be perfectly safe from thieves, foxes and all other disturbers. The more fresh air birds can have, the better it will be for them, provided they are kept perfectly dry and free from draughts.

A good many hens go broody this month. If not wanted for incubation they should be placed in a coop barred at the bottom, for a few days. This will generally rid them of the desire to sit. If, however, they are valuable exhibition birds they may be allowed to have a nest for a few weeks. This will as a rule cause them to moult earlier than they would otherwise do, which will doubtless be an advantage to their owner.

KEEP THE RUNS CLEAN.

Take pains to keep all runs as clean as possible. Let no rotten food, cabbage or other vegetables be lying about. Dirty runs engender disease, such as diarrhoea and chicken cholera, which often work great havoc in the hot weather. All runs bare of grass

would be all the better for turning over once a month. Before doing so, it is well to scatter over it a good sprinkling of quick lime.

Have no dead or withered grass lying about in runs. Birds will sometimes pick it up and when it is long and tough, they are frequently unable to get rid of it and nothing will sooner cause crop-binding.

Eggs have been plentiful of late, and all who have not yet put eggs in pickle and intend to do so, should set about it at once. For this purpose it is important that they be freshly gathered every day, and not allowed to lie in the nests for a day or two, as is so often the case, causing them to go bad. Those eggs are best for pickling that have been laid by hens running without a male bird, as there is then less chance that they contain any life germs. If the eggs are not fertilized it does not matter much if hens have changed to sit on them for a day or two before they are gathered.—Prize Essay in *Fowls*.

Poultry Raising in Belgium.

Where Farmers get Ninety-six and a half Cents Apiece for Chickens.

It has been suggested that a report on the method of raising fowls for the market in this country would be of service, not only to those directly interested in the like business in our country, but a boon to the public at large. The succulence of the "poulet de Bruxelles" has a very widespread reputation, not only among gourmets, but among all who have had the good fortune to travel upon the Continent and meet the same on the table.

The difference in the quality between the fowl above mentioned and one of the same age and size of the ordinary variety is shown by the fact that the first is sold in nearly all the markets in this country at double the price. For example a young poulet de Bruxelles which we should consider about the size sufficient for a meal of two persons is sold to-day for five francs (96.5 cents), whereas one of the ordinary variety can be purchased for between two and three francs (38.6 and 57.9 cents).

The excellence of the fowl seems to depend, as far as can be ascertained, on the careful manner in which the sitting hen is treated, the cleanliness observed about her, as well as the careful feeding of the young chicken until sufficiently developed for eating purposes. Whether or not the methods pursued here differ from those followed by careful breeders in our country, it is impossible for me to say. Travelers almost invariably express their astonishment at its tenderness and juiciness.

(To be continued.)

Stoves that are greasy may be cleaned by mixing methylated spirit with the blacklead until they form a paste.

The Farm Home

The Small Boy's Troubles

Before they had arithmetic,
Or telescopes or chalk,
Or blackboards, maps and copy-books—
When they could only talk;

Before Columbus came to show
The world geography,
What did they teach the little boys
Who went to school like me?

There wasn't any grammar then,
They couldn't read or spell,
For books were not invented yet—
I think 'twas just as well.

There were not any rows of dates,
Or laws, or wars, or kings,
Or generals, or victories,
Or any of those things.

There couldn't have been much to learn,
There wasn't much to know;
'Twas nice to be a boy
Ten thousand years ago.

For history had not begun,
The world was very new,
And in the schools I don't see what
The children had to do.

Now always there is more to learn—
How history does grow!—
And every day they find new things
They think we ought to know.

And if it must go on like this,
I'm glad I live to day,
For boys ten thousand years from now
Will not have time to play.

Food for Bees.

This article is intended for the Home Department, though judging by the heading one would be justified in thinking it related to "The Apiary."

It is at this season of the year the farmer women pay most attention to bees. We can not avoid them for we must get our threshing done, our silos filled, and we must give some thought to the food we shall give our neighbors and the men who attend these bees.

In this district it is customary for the housewife to make as great variety and show of eatables as was customary at the old time tea-meeting. It is a good plan for us to aim to become skillful cooks, and probably we think that the threshing season is the only time we can get a chance to practice on a large scale.

Certainly we would all be ill with dyspepsia if we furnished our daily table as bountifully as we do on these special days.

Why can we not conclude our neighbors have a fair share of common sense, and that they can enjoy a plain meal when away from home, for they certainly do at home?

Perhaps we imagine that our neighbors always live on pies and cakes, and we hate to deprive them of their accustomed food. Let us think rather that a change to plain diet will be good for them.

I know for truth that we simply cook that we may equal or excel the other women in the neighborhood—poor fools we—rather let us try to excel in wholesome plainness.

It was my privilege to help serve two meals at a threshing. The baking had all been done the day before. There was an abundance of good meat for both dinner and supper; there were potatoes and green vegetables; beautiful bread and butter, buns, biscuits, cheese, two kinds of fruit and pickles. What more would reasonable beings want or need? In addition there were pudding, two or three kinds of cake, several varieties of cookies and four kinds of pie. There were seventeen men. There were also seventeen pies. One delicate woman had done the baking. On my a king why, she replied, "They all do the same around here." I say, if all the women in the neighborhood are fools that is no reason why I should not show some common sense.

I believe in having all that the men care to eat of vegetables and meat, well and nicely prepared and served, plenty of bread and butter, with some kind of fruit and cheese, and a simply prepared pudding for dinner and a plain cake for tea. I like to have potatoes and meat for both meals.

Would that some of these cooks could spend a season in Manitoba where they would have a week or two of threshers. I once helped to cook there, when we had twenty-six men, breakfast, dinner and supper. We did not cook as is customary here, but we served sensible meals and though we did not have four kinds of pie and pudding and cakes galore on any one day, we tried to have a different kind of desert for each day. We must all have noticed that the threshers, *i.e.* those who attend the machinery year after year, in Ontario, have long since become surfeited with pies and cakes and they make their meals of the simplest part of the menu. I find them usually fond of porridge and also of soup, two foods that do not often come to them in the busy season. If this should fall into the hands of some woman who has been baking for threshers, let me tell her we do not all do it and if any man criticizes the plain meal he has either a foolish wife or is a little "off" himself.

M. E. GRAHAM.

Hints by May Manton.

LADIES' FANCY BLOUSE WAIST, NO. 3601.

Simplicity and elegance go hand in hand. The tasteful bodice illustrated is essentially smart at the same time that it is simple, and can be easily made. The model makes part of a

costume of hydrangea blue crêpe de Chine, but the design is suited to many materials and to odd waists, as well as entire costumes.

The foundation is a fitted lining made with a centre seam in back,



3601 Ladies' Fancy Blouse Waist
32 to 40 inches.

under-arm gores and fronts fitted with single darts. Over it is arranged the waist proper, which includes shoulder and under-arm seams only. The vest and collar are of tucked mousseline in cream white and are attached to the right side of the lining, hooking well into place beneath the left front. The deep collar is of heavy lace, as are the cuffs; the bands on waist, sleeves and collar are of Liberty panne in a deeper shade of blue than the crêpe and are held in place with small gold buttons. The sleeves are two-seamed and fit snugly. At the waist is a belt of the material with a simple clasp in rose gold.

To cut this waist for a lady of medium size $3\frac{1}{2}$ yards of material 21 inches wide, $2\frac{1}{2}$ yards 32 inches wide, or $1\frac{3}{4}$ yards 44 inches wide will be required, with $\frac{3}{4}$ yard of lace for collar and $\frac{5}{8}$ yard of tucking for vest.

The pattern No. 3601 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure.

The price of above pattern post-paid is only 10 cents. Send orders to "The Farming World," Confederation Life Building, Toronto, giving size wanted.

The Revolt Against Housework.

"Underneath the whole revolt of woman is the revolt against housework, the refusal of the architect to carry the hod. Some of its prophets,

seeing how the instinct for the home prevents the application of the wholesale plan, preach a coming day when the private home shall be no more, when we shall all go out for our meals, live in a caravansera and send the children to a creche. One's head shakes of itself merely to read of it. That goes too much against the grain. We do not like the wholesale cooking. We want our own kind, and we don't want anybody else to know when we have an economical dinner. The wholesale plan does not apply to things in themselves artistic, and cookery is one of them. The personal element expresses itself there quite as truly as it does in painting. No woman hates to cook when she knows that it requires a skill that she possesses. But she does hate to wash the dishes. And she hates to sweep, scrub the floors and do the washing.

"But if the housework will not go to the factory, why should not the factory come to the housework? The wholesale plan has been applied with great success in apartment houses which are, when rightly considered, the most progressive of dwellings. The water is laid on and heated by the water-back of the range when it is not supplied, winter and summer, by the landlord. Steam heat is furnished to all the houses at once, and gas ranges do away with the bother of feeding the fire and carrying away of the ashes. It takes power to do the individual work in each flat, and if this could be given by an engine that eats coal instead of an engine that eats bread and meat, all would go well. But it is out of the question to have a steam engine in the basement with shafting and pulleys and belts running through the house. That was, until recently, the only way of transmitting power from a central source, but now that it is possible to turn motion into electrical energy, to carry that along a copper wire to wherever it is needed and there turn it into motion again, the problem of doing away with household drudgery becomes so simple that one fears only that the answer will be seen before it can be set down."—*Ainslee's Magazine*.

Women Wage-Earners.

A fact foundry—or an agency for supplying facts upon any subject at a short notice—is the industry of two Chicago women.

Packing trunks is a St. Louis woman's industry.

A conservatory and rose garden in Elmira, N.Y., is owned and managed by a woman.

At the Young Women's Christian Association, Philadelphia, two young women are in charge of the elevators.

Women writ servers are employed with success.

Buffalo has a woman contractor who is also a quarry owner; she is the only female member of the Building Exchange.

A Jersey City woman makes her living by painting signs.

A Louisiana woman supports herself by raising mint.

The woman manager of a California insurance company is credited with the largest salary paid to any woman—\$10,000 a year.

A French-Canadian girl is making her bread by cobbling shoes at Lewiston, Maine.

A successful ranch owner in Kansas is a woman. There is a saying to the effect that in Kansas there is no interest, no profession, no trade and no deal without a woman in it.

In Boston are two large advertising agencies, the members of both firms being women, and all their employees women.

In a New England factory women are employed as piano makers.

Women are employed by several Western railroads to tend switches.

Upholstering is a trade women are learning.

Writing love letters at so much a letter is one way of earning a livelihood.

Consulting fashion expert is a St. Louis woman's occupation.

One of the largest flower importing establishments in New York is managed by a woman.

About 300 girls are employed in the harness trade in New York.—*New York Sun*.

In Astoria, L. I., many of the largest hothouses are managed by women.

In New York a blacksmith's shop is managed by three young women.

All the salted almonds sold by one of New York's largest grocers are prepared by a woman, who has a profitable business.

A Scotch minister from a large town once visited and preached in a rural parish and was asked to pray for rain. He did so and the rain came in floods and destroyed some of the crops; whereupon one elder remarked to another: "This comes of intrusting sic a request to a meenister who isna acquenit wi' agriculture."

"Waiter, is this veal or pork chop?"

"Can't you tell by the taste?"

"No."

"Then what difference does it make?"—*Sondags-Nisse*.

Ma—"I hope you behaved yourself at table. Did you have a good time?"

Willie (who had been dining at his playmate's)—"Naw, I didn't."

Ma—"I suppose it was because they wouldn't give you enough pie."

Willie—"Naw, it was 'cause they wouldn't give me too much."—*Philadelphia Press*.

"Why is it," asked his intimate friend, "that you smoke cheap cigars incessantly when you are writing those little love-stories for the magazines?" "I have to do something to occupy my mind," replied the author.—*Chicago Tribune*.

The Farming World

A PAPER FOR FARMERS AND STOCKMEN.

Managing Director, . . . D. T. McAINSH
Editor, . . . J. W. WHEATON

The Farming World is a paper for farmers and stockmen, published weekly, with illustrations. The subscription price is one dollar a year, payable in advance.

Postage is prepaid by the publishers for all subscriptions in Canada and the United States. For all other countries in the Postal Union add fifty cents for postage.

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How to Remit.—Remittances should be sent by cheque, draft, express order, postal note, or money order, payable to order of THE FARMING WORLD. Cash should be sent in registered letter.

Advertising Rates on application.
Letters should be addressed:

THE FARMING WORLD,

CONFEDERATION LIFE BUILDING
TORONTO



GROUND CHERRY (PHYSALIS VIRGINIANA).

H. M., Lucknow, Ont., writes: "Please name and describe the enclosed weed, also the best means of exterminating it, as it seems to be a persistent grower from the root."

Answered by Wm. Lochhead, Professor of Biology, Ontario Agricultural College, Guelph:

H. M.—The weed you send for identification is the Ground Cherry, a member of the Night Shade family, and a near relative of the potato and tomato. It is not considered one of our bad weeds, but, on account of its long running roots, which are perennial, it often is found in sandy soils which are not thoroughly cultivated. It is sometimes seen in meadows, in grain and hoed crops. The flower is greenish-yellow and the berry is orange and somewhat sticky. The calyx becomes inflated and in fruit encloses the berry.

With regard to its extermination, it would be well to prevent it seeding by cutting it early. If the weed is not very abundant hand-pulling should be resorted to, but if too numerous to pull, then the same method can be adopted as is used against the Canada thistle. Thorough cultivation in the fall, followed by hoed crops, will usually subdue the weed, so that very few plants will appear.

Dairymen's Conventions.

The directors of the Eastern Butter and Cheese Association met on Wednesday at the Industrial Fair, and decided to hold their next annual convention at Smith's Falls, Ont., on January 9-11, 1901. A new feature at this convention will be the offering of prizes for essays on cheese and butter-making. An urgent invitation was received from the city of Belleville, asking that the convention be held there, but the board decided upon the former place.

The directors of the Western Cheese and Butter Association also met at the Exhibition board rooms on Tuesday last, when it was decided to hold the next annual convention at London on January 15-18, 1901. A new feature will be an exhibit of cheese and butter. The amalgamation of the Makers' Association with the Western Association last spring has made a four days' convention necessary, and the winter dairy show inaugurated by the makers will be held in connection with it.

A Good Fire Escape.

In the inventions exhibit, Mr. Joyce, the noted inventor of Prince Albert, showed his working model of Fire Alarm, Fire Escape and Automatic Derricks. The speed with which any of these could be brought facing a window in a burning building is truly astonishing. It is also strange that our municipal councils have not tried to open their eyes to a thing like this as it would certainly stop the great sacrifice of life and property in the many large cities on this continent.

South Dakota Ranches.

The Business in Which Hon. John Dryden's New Company is to Embark.

Some idea of cattle ranching in South Dakota may be gathered from the extract below. It describes operations in the country where the Canada and Dakota Cattle Company people are locating. The Chamberlain (S. D.) Register says:

There was considerable activity around the pontoon bridge and the Milwaukee Stock Yards on Saturday, Sunday and Monday. During that time about 3,500 head of range stock was crossed over to this side and loaded in cars ready for shipment to the Eastern markets. Saturday 30 cars were shipped, on Sunday 35 cars, and 64 cars on Monday, making a total of 129 cars, 2 of which were sheep, which were shipped to West Union, Iowa, by J. D. Jones and P. H. Humphrey, and the rest were cattle, most of which went to Chicago, a few cars being sent to Omaha. The cattlemen making this first large shipment this year and the number of cars shipped by each are as follows: C. K. Howard, 30; Corbin Morris, 41; Mike Quin, 32; P. F. McClure, 10; Frank Ackerman, 6; William Brown, 6; Max Babue, 2; A. Duhamel, 2; Harry Ham, 1.

All this large shipment came from what is known as the White River and Bad River country, and the entire bunch was in excellent condition for market. Cattlemen say they never saw stock in any better shape on the ranges than they are this fall. The stockmen were well pleased with the

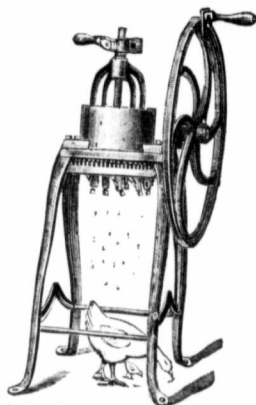
DAVID McCRAE, Janesfeld, Guelph, Canada, Importer and Breeder of Galloway Cattle, Clydesdale Horses, and Cotswold Sheep. Choice animals for sale.

A NEW IDEA.—How to obtain a beautiful Silver Set, Parlor Clock, Silk Umbrella, Fancy Rocker, or Kodak Free. Goods guaranteed to be worth \$5 to \$6 each. Send 2c stamp for particulars. The Great Idea Co., Clearfield, Pa.

Joyce Manfg. Co., of Prince Albert.
Have you a large crop of Potatoes? I will come and harvest your Potatoes, sort them small from big, and store for ten dollars an acre. Apply to JOHN JOYCE, No. 16 Bond Street, Toronto.

Machines

For Cutting Green Bones, Gristle and Vegetables for Poultry Food



By feeding Green Cut Bones you will increase the number of eggs and keep your flock in better condition. It is also

CHEAPER THAN ANY OTHER KNOWN FOOD

The Malleable Iron Co.
19 to 29 MILL ST., QUEBEC, Que.

OAK LODGE TYPE OF YORKSHIRES.



We Lead; others follow. Acknowledged to be the highest class of bacon hog. Won all herd prizes offered at the largest Canadian exhibitions in 1899. Grand Sweepstakes over all breeds and for dressed carcasses at Prov. Winter Show. The quality of your hogs may be improved by using Oak Lodge brood.

BERTHOUR & SAUNDERS
BURFORD, Ontario

Ayershires, Guernseys, Yorkshires and Shropshires

ARE OUR LEADERS



All high-class pedigree stock. Those desirous of purchasing thoroughbred animals should write for particulars at once. Orders booked now in rotation for present and future deliveries. Address—



ISALEIGH GRANGE FARM, Danville, Que.

J. N. GREENSHIELDS, Prop.

T. D. McCALLUM, Mgr.

When writing to or purchasing from our advertisers, it will be to your advantage to mention THE FARMING WORLD

EXTRA I

SCOTCH COLLIE PUPS from Scotch importation. Pedigreed. Very cheap. Write for particulars. MRS. PHILIP HART, Belleville, Ont.

NITHSIDE FARM HERD OF

LARGE ENGLISH BERKSHIRES

REGISTERED SOUTHDOWN SHEEP—a choice lot of stock of all ages for sale. No extra but first-class stock sent out, and satisfaction guaranteed in every case.

E. E. MARTIN

Canning P. O., Ont. Paris Station, G.T.R.

JOHN DRYDEN

BROOKLIN, ONT.

BREEDS

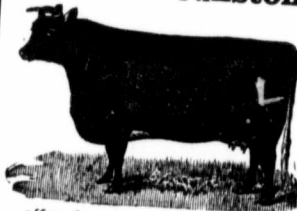
Cruickshank Short Horns

AND

Shropshire Sheep

SIX YOUNG BULLS of extra size and quality are now offered at reasonable prices.

Arthur Johnston



offers for sale at moderate prices
SHORTHORN CATTLE.

11 imported and home-bred bulls,
13 imported cows and heifers,
35 home-bred cows and heifers.
Many of the latter from imported cows and by imported bulls. Catalogues on application.
My post-office and telegraph office is Greenwood and my railroad station are Claremont, on the Canadian Pacific R. R., and Pickering, on the Grand Trunk R. R., 22 miles East of Toronto.

treatment received by the Pontoon Bridge Co. and with the accommodations furnished by the Milwaukee Company. The run with the special stock trains will be made from here to Chicago in 26½ hours, the best time made from the ranges to the Chicago markets.

That there are plenty of opportunities to acquire wealth in the cattle business on the ranges, if the business is properly managed, is well illustrated by the careers of the three men who made the largest shipments from here the past week.

C. K. Howard was a bankrupt, \$100,000 worse off than nothing, about fifteen years ago. Some friends backed him in a small cattle deal, and he began to make money at the business at once. During all these years he has given thousands of dollars to charitable and benevolent institutions, being one of the freest-hearted men in the State. Each year he ships about \$75,000 worth of stock. A little later he will make another large shipment, and will then have over 5,000 head of cattle left on the ranges.

Corbin Morris is another example of what a man without anything can do in the cattle business by push and energy. Only a few years ago he was working for one of the large cattle concerns, and he now ships something like \$100,000 worth of cattle a year and is said to own and control between 12,000 and 15,000 head on the ranges.

Mike Quin started out in a small way some twelve years ago, having a little herd of 100 head. He has stayed right by the business, and is now able to send \$75,000 worth of cattle to market every year, and has at least 5,000 head running on the range the year around.

These are not the only instances where men have made thousands of dollars the past ten or fifteen years in the cattle business west of this river. In fact, one can find a whole lot fellows who began under adverse circumstances who are now pretty well fixed.

◆◆◆
Quite Fresh.

The Mistress—For mercy's sake, Mary, why did you buy so much milk?

The Maid—It was such an opportunity, ma'am. The man assured me that the milk was perfectly fresh; so I bought enough to last for the whole week.—*Boston Transcript.*

◆◆◆
Junior Partner—"I examined our cashier's books last night, after he went home, unt I shall discharge him at once."

Senior Partner—"Vot has he done?"

Junior Partner—"He forgot to draw a week's salary last January, vile his wife was sick. I shall fire him kervick, before he remembers it."—*Judge.*

A Practical Farmer Wanted

We want a capable man with a knowledge of Soil, Physics, and Agricultural Chemistry, to travel. Must have practical knowledge of farming, or ex-student of Guelph College.

CONSOLIDATED PHOSPHATES, Limited
Board of Trade
TORONTO

When writing to advertisers please mention The FARMING WORLD.

APPLES FOR EXPORT

All desirous of exporting apples to the British markets will be furnished with reliable information by writing

EBEN JAMES

Board of Trade Building, Toronto, Canadian Agent for

Woodall & Co., Liverpool
Boyd, Barrow & Co., Glasgow
M. Isaacs & Sons, London

Proceeds advised by cable; day of sale remitted same night from Toronto.

To Manufacturers of Toronto:—

Joyce's Fire Escape
Joyce's Automatic Derricks

These are two fire fighters and life-savers—two separate patents. I will sell royalty cheap to a manufacturer interested in Toronto. Apply

JOHN JOYCE

Manager of Joyce Manfg. Co.

16 Bond Street. - - - TORONTO, ONT.

Bigger Profits

Your cheese and butter making will pay you bigger profits if you use

Windsor Salt

Pure, soluble, even crystals; economical to use.

THE WINDSOR SALT CO.,

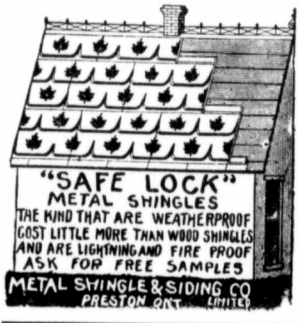
LIMITED
WINDSOR, ONT.

FARMS FOR SALE

Rate—One cent. per word each insertion when ordered for not less than four times. Single insertions two cents a word.

O. B. SARGENT'S FARM AGENCY
CANAAN, N.H.

A MAGNIFICENT DAIRY FARM AT a price that will astonish anyone; ½ mile to the station, churches and school; 3 miles to high school; milk is called for every morning and goes to a city of 300,000; cuts 60 tons hay; soil very rich; yield wonderful crops of grain and vegetables; very finest fruit that grows; a beautiful young orchard bears abundantly; pasture is the finest and ample for 50 head of cattle and 500 sheep; never-failing spring water; summer boarders gain in strength most wonderfully; many places of interest among the crystal lakes, which are near; only 3 miles to a famous summer resort; the buildings are in A1 condition; large barn, stone under all; comfortable house, 12 rooms and blinded; this is a farm to enquire about. Drop a post card to S. Grant, Confederation Life Building, and you will receive full particulars.



ONTARIO VETERINARY COLLEGE, Limited
Temperance St., Toronto, Can.

Affiliated with the University of Toronto.
Patrons: Governor General of Canada and Lieutenant-Governor of Ontario. The most successful Veterinary Institution in America. Experienced Teachers. Classes begin on Wednesday, October 18th, 1896. Fees, \$65 per session.
PRINCIPAL, PROF. SMITH, F.R.C.V.S., TORONTO, CANADA

THE EUROPEAN EXPORTERS' ASSOCIATION

OF TORONTO, Limited.

An Organization Formed for the Protection of Canadian Shippers.

Head Offices: **McKinnon Building, Toronto.**
HON. G. W. ROSS, LL.D., M.P.P., President

ERNEST HEATON, Manager in Canada

The Association is prepared to undertake the following services on behalf of consignors of apples, eggs, poultry and all kinds of fruit and produce—

1. To recommend a reliable Consignee at each port.
2. To arrange freight contracts and effect insurances upon shipments.
3. To give attention, through its agents at ports of shipment, to the proper stowage and prompt transportation of such consignments.
4. To have goods inspected when claims are made by consignees, either for damage in transit, or for alleged non-compliance with contract, and to report thereon.
5. To investigate any complaints and report.

Consignors making small shipments under the auspices of the Association can, by co-operation through the Association, receive all the advantages which can usually be commanded by large shippers only.

APPLE SHIPPERS

who desire the protection of the Association are requested to write at once to the Head Office of the Association, at Toronto, for list of apple receivers, list of sailing dates and instructions for grading and packing of fruit for export.

PURE-BRED STOCK

NOTES AND NEWS FROM THE BREEDERS

These columns are set apart exclusively for the use of breeders of pure-bred stock and poultry. Any information as to importations made, the sale and purchase of stock and the condition of herds and flocks that is not in the nature of an advertisement, will be welcomed. Our desire is to make this the medium for conveying information as to the transfer of pure-bred animals and the condition of live stock throughout the country. The co-operation of all breeders is earnestly solicited in making this department as useful and as interesting as possible. The editor reserves the right to eliminate any matter that he may consider better suited to our advertising columns.

Cattle.

In THE FARMING WORLD of August 28 in giving the latest arrivals at Point Eves quarantine station, Que., it was stated among others that twenty-three Shorthorns had arrived for Arthur Johnston, Greenwood, Ont. This should have read twenty-seven head—7 bulls and 22 females. In addition to this number Mr. Johnston has a second lot on the way to Quebec.

We have just received the following letter from Mr. Edwin Battye, of Gore Bay, Ont. Mr. Battye is certainly doing a good work in introducing first-class live stock into the northern districts, and from the list of his sales and the prices received, we judge that his neighbors appreciate what he is doing, and will do all in their power to assist him.

"I have bought and am importing a cow from the herd of the Prince of Wales, Sandale, June 29, 1900. She is Lot 13, Kinship, roan, calved January 15, 1898; sire Crystal Prince, 70221. She is in calf to Pride of Collynie, 75248, served March 10, 1900.

"Can you give me any idea when and where the actual sales of live stock will be held? I take it for granted that they will take place. It will give me an idea of what to prepare for such sale. I think Toronto would be the best place for Ontario.

"I have sold since I wrote you before, one heifer, 9 months, \$100; one bull calf, two weeks old when taken away, \$90; one bull calf to go away at five months, \$140; that is not so bad for the Manitoulin. I have got five yearling heifers, four good ones, one me-calves on hand, and seven more to come. My large Gordon Prince is a beauty, not over large, weighing 1460 lbs. at 24 months. He is as pretty as any I see in the papers, and his calves are good ones."

In reference to the consignment of prize Ayrshires recently imported by Mr. Robert Hunter for Rapids Farm, Lachine Rapids, Que., the property of W. W. Ogilvie, the Kilmarnock (Scotland) Standard says: "Mr. Robert Hunter, representative of Mr. Ogilvie, Lachine Rapids Farm, Montreal, Canada, has been busy of late making a very select purchase of Ayrshires to augment Mr. Ogilvie's already famous herd of flecked skins in Canada, and has purchased some animals of rare merit. From Mr. James Murray, Muir, Cumnock, he has bought the cow in milk that won first at Cumnock this year, as well as female champion, another cow that has won for Mr. Murray like honors on two previous occasions. From Mr. Gray, Barmoorhill, was purchased his well bred cow that secured for her breeder second in milk at Tarbolton, and is a model Canadian cow. There were also purchased from Mr. Gray a daughter of this cow, and another equally attractive animal. Among other purchases were: From Mr. Montgomery, Lessnessock, a three-year-old quey that has won for her distinguished breeder many firsts at Ochiltree and Cumnock. From Mr. Symington, Connel Bush, Messrs. Wardrop, Garlaff, Cumnock, although not shown, it can be seen in any company. From Messrs. A. & W. Kerr, Old Graintry, Gretna, Senorita of Old Graintry, the three-year-old quey that won first in calf and champion at Castle Douglas, first in the Derby at Ayr, first as three-year-old in milk, and champion as best female Ayrshire. Before her breeders were tempted to part with this grand cow, Mr. Hunter had to bid into the three figures. Mr. Woodburn's famous

Holehouse stock adds a worthy representative in a grand, big, useful, three-year-old quey, with all the appearance of doing credit to that milky herd. Mr. Robert Woodburn, jr., Whitehill, has sold a good one-year-old bull by Prince Robert of Holehouse, an Auchinbrain bred bull that was lately sold at a high price. From Mr. M'Kean, Dam of Aber, his great bull, D uglasdale (3054), bred by Mr. M'Kinlay, Hillhouse, Sandilands, Douglasdale is sired by the champion bull Scotland. Douglasdale bids fair to rival his illustrious sire, having won as a one-year-old first at Glasgow, Hamilton, first and special at Stirling, first and special at Drymen, second at Ayr. As a two-year old, first at Glasgow, Alexandria, and wherever shown, stood second to none at the recent Glasgow show as a three-year-old, won first and champion for best male Ayrshire. From the dam of above herd, a cow of very superior quality. From Mr. Cochran, Nethercraig, his stylish three-year-old heifer, Dandy Lass of Nethercraig (13382), bred by Messrs. R. and I. Hunter, Foulton, that was first at Kilmuir as quey in calf; also Kirsty II. of Nethercraig, a two-year-old heifer, bred by Mr. Mackay, Droong Mains, grandsire Glencairn III., a bull that left good stock in Canada. From Mr. Todd, Harperland, his champion cow, Nellie 4th, as a three-year-old first and champion at Dundonald, first and champion at Kilmarnock, first and champion at Irvine as a four-year-old, first at Ayr as cow in milk, first and champion at Irvine. This grand cow should have many admirers in her new home, and, we predict, will make them all stand about when she makes her appearance in the Canadian show yards. From the Messrs. M'Alister, Mid Asog, Rothsay, Private of Knockdon, that was first at Kilmarnock, uncalved, third at Glasgow, being bred by her stall companions, seventh in Ayr Derby, and third uncalved. This is perhaps one of the best selections of Ayrshires that ever left our shores. We wish Mr. Hunter a prosperous voyage home with his precious quey and the best of good luck to their owner. The Ayrshire breed in Canada should be the richer, and the breed at home poorer, when such a lot of valuable breeding animals are drafted.

R. Ness & Son, Howick, Que., have a very fine herd of 60 Ayrshires on their 400-acre farm. Duke of Clarence, champion bull, two-year, imported, heads this fine herd.

Sheep.

On Saturday, the 14th July, the ss. Lakonia (Donaldson Bros.), sailed from Glasgow with 50 cattle and 223 sheep on board, bound for Quebec. The cattle were all Scotch Shorthorns, while the sheep comprised 123 Shropshires, 10 Oxford, 41 Cotswolds, 32 Hampshires and 16 Lincolns, the whole being one of the largest shipments which has left these shores. Nine of the Cotswolds were on account of Mr. McGillivray and the remaining 214 sheep and 50 cattle were for Mr. Robert Miller of Canada, who personally accompanied the stock.

Swine.

"Mr. T. H. Murray, Innerkip, Ont., writes: 'My Berkshires are doing very well. The following are some of my recent sales: Boar bar and sow, to C. E. Martin, Canning, Ont.; to H. Zinn, Bright, Ont.; sow, to F. E. Smith, New Hamburg, Ont.; boar, to T. A. Newton, Woodstock, Ont.'"



Elgin Watches

are carried in the pockets of over eight million people—are known everywhere as

The World's Standard

because of their mechanical perfection, accuracy and durability.

Genuine Ruby Jeweled Elgins are sold by Jewelers everywhere in various sizes and styles.

An Elgin Watch always has the word "Elgin" engraved on the works—fully guaranteed.

Booklet Free.

ELGIN NATIONAL WATCH CO.
ELGIN, ILL.

Elastic Carbon Paint

A BIG THING LOOK INTO IT



See page 90 in Exhibition Number, Sept. 4, 1900. Write for particulars at once and SAVE MONEY.

Atlantic Refining Co.

Cor. Esplanade and Jarvis Sts.
TORONTO, CANADA

CANADIAN PACIFIC RY.

Harvest

Excursions

will be run on
AUG. 28th, RETURNING OCT. 27th, and
SEP. 11th, " NOV. 10th, 1900

RETURN FARES TO

WINKIP	REGINA	\$30
DELORAIN	MOOSEJAW	\$30
ANTLER	YORKTON	\$35
ESTEVAN	PRINCE ALBERT	\$35
RINSCARTH	CALGARY	\$40
MOSMORN	MACLEOD	
HAMIOTA	RED DEER	
SWAN RIVER	EDMONTON	

From all points in Ontario, Onaping, Sault Ste. Marie, Ont., Windsor and East.

For further particulars apply to the nearest Canadian Pacific Agent, or to

A. H. NOTMAN,
Assistant General Passenger Agent,
1 King St. East, TORONTO

Facts Worth Noting.

A too liberal use of ammonia in a hair-wash will turn the hair grey.

The too frequent use of greasy preparations for the face will produce a growth of down.

An excellent cure for brittle nails is to soak them daily for five minutes in sweet oil warmed to blood heat.

A valuable lotion for retaining the natural color of the hair is made of four ounces of bay rum and one ounce of sulphur.

A little cream rubbed into black kid gloves will prevent the dye from coming off. It also gives them a nice gloss.

Boots that have become dull will return to their erstwhile glossy condition if they are well rubbed with a piece of orange, and afterwards polished with a soft brush.

A frequent cause of the hair falling out is said to be poor circulation of the blood. Rubbing the scalp for a short time every night with the fingers will stimulate the circulation.

If a fire requires blowing to give it a good start it will be found that blowing down into the flames makes it burn up more brightly and quickly than if blown from underneath.

Lemon juice applied with a camel's hair brush night and morning will remove freckles, if they are not those of too long standing. Lemon juice will also whiten the hands and remove stains.

Consolidated Phosphates Limited

Board of Trade, Toronto, Ont.

Capital Stock, \$150,000.

Shares, \$10.00 each.

Incorporated, 1900.

One of the objects of this Company is to introduce intelligent methods of cultivation by bringing farmers to a clear understanding of the principles involved in manuring.

Travellers and Local Agents Wanted.

WILLIAM J. THOMPSON, B.S.A., Mgt. of Agencies.

BELL PIANOS AND ORGANS

Built to last a lifetime

The materials used are the best.

The mechanical and case construction is modern and durable.

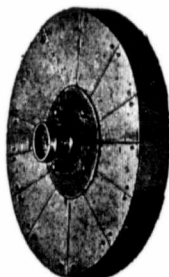
The BELL tone is distinctly different from others, and satisfies the most critical musician.

In buying a BELL you make no mistake; there are none better.

Made and guaranteed by the largest concern in the business.

The BELL ORGAN AND PIANO Co., Limited, Guelph, Ontario.

Catalogue No. 41 Free



No spokes to gather mud or get loose. Strong, durable and easy running.

We will have the Low Wagon Wheel in our display at the Toronto Exhibition, and invite the trade to call and investigate the merits of this new feature of the wagon business.

Low Wagon Wheels

MADE TO FIT ANY SIZE SKEIN
THEY CANNOT BE OVERLOADED

THE ADVANTAGES

Of a Low Wagon on a farm and elsewhere cannot be overestimated. We make a specialty of the manufacture of Low Wheels for the ordinary wagon, making it possible for the farmer and teamster to possess a low wagon by simply removing their high wheels and placing these upon their wagons. This enables them to lower their beds to any height from the ground they may desire. The great advantage thus derived in loading logs, wood, grain, stone, fodder, hay, manure, hogs, and various other things, is very evident. By lowering the wagon bed you lessen the labor of loading anything on the ground. This saving of labor is very material, for the foot saved is the foot at the top, and it counts as much as the first three or four feet. It is much easier to lift a load when it is on a level with the knee than when it is on a level with the shoulders.

The Speight Wagon Company
MARKHAM, ONT.

Canada and Dakota Cattle Co.

To be incorporated under the Ontario Companies' Act, with

LIMITED

SHARE CAPITAL

DIVIDED INTO 4000 SHARES OF \$100 EACH, AS FOLLOWS: **\$400,000**
8 Per cent. Preference Stock, \$150,000
Ordinary Stock, \$250,000

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The Canada and Dakota Cattle Company has been organized for the purpose of buying and raising cattle on the free grazing lands on the White River in South Dakota. This grazing land is amongst the most desirable on the continent. The supply of grass is practically unlimited, and its quality is said to be superior to that of any other section. The splendid Buffalo Range of years ago. The White River furnishes abundant water, and the natural formation of the country and splendid timber in the valley provide ample shelter. The winter frosts are occasionally somewhat severe, but the air is dry, and the cattle continue to graze upon the old grass throughout the winter. It is only at rare intervals that any depth of snow is seen. Old settlers declare that in only one year out of twenty-five or thirty have they seen continuous snowstorms which would be likely to interfere with grazing. Hay is very plentiful and costs about \$1 per ton, and it is thought advisable to secure a large quantity this season, the crop being one of the finest ever grown in that section. With plenty of hay on hand the cattle could be fed and sheltered readily throughout any storm that might come during the winter.

The company has bought the Grace Howard Ranch, which is considered one of the best water fronts and ranching premises on the White River. In addition to this, options have been taken on other water fronts.

This territory was, until a few years ago, an Indian reserve, and since it has been opened for free grazing it has been occupied only by small ranches. No other large ranching company has been organized to graze on these lands, and on this account this company will practically control all the grass in that territory.

The ranch, which is distant only 48 hours' travel from Toronto, is situated about thirty-five miles south-west from Chamberlain, the terminus of the Chicago, Milwaukee and St. Paul Railway. From Chamberlain to Chicago stock is conveyed in about 26 hours, and to Omaha in about half that time. In addition to these, two of the greatest cattle markets in the world, there is also Sioux City, 200 miles distant, which is rapidly coming to the front as a cattle market, two of the largest packing plants on the continent having already established branches there. The advantage of reaching so near these great cattle markets must be apparent to all.

A very careful investigation of all the conditions surrounding the enterprise has been made by Messrs. Dryden and McLaughlin, who spent some time on the ranch and in the adjoining country. A careful and conservative estimate of the profits for the first ten years, prepared by these gentlemen, is as follows:

EXPENDITURE.		RECEIPTS.	
46,000 Steers, purchased at \$20 each.....	\$920,000	27,714 Four-year old steers, sold at \$50 each	\$1,385,700
1,000 tons of hay, yearly, at \$1.50 per ton.....	15,000	On hand at end of 10 years	
Expenses of Management, \$5,000 per year.....	50,000	5,000 Yearlings at \$20 each.....	100,000
	\$985,000	4,750 Two-year-olds at \$30 each.....	142,500
		4,607 Three-year-olds at \$40 each.....	184,280
		BALANCE	\$827,480.00
			\$1,812,480

A sum which, after returning the original capital to share-holders, is sufficient to pay the fixed interest on the preferred stock and about 22 per cent. annually on the common stock.

In making this estimate 5 per cent. annually is allowed for the loss of cattle, a rate almost double the average loss in South Dakota for the past ten years, and the weights of the finished cattle and the price estimated are about 25 per cent. under the average weight of such cattle and the price prevailing at present.

With the exception of the necessary expenses in obtaining the charter, the money realized from the subscriptions will be invested judiciously in young cattle and hay and in the acquirement of additional river front.

Ranching has been very profitable for many years, and the conditions under which this company has been organized are such as to fully warrant the belief that it will meet with great success financially. The actual management of the ranch will be in charge of Mr. Frank Forde, of South Dakota, who has had a long and very successful experience in the cattle business. Mr. Forde has invested \$5000 in the stock of this company. It would be hard to find a more secure or profitable investment for capital than the purchase of young cattle for the purpose of free grazing. With small expense they rapidly grow into great value, and bankers and others look on the security of good cattle as of a very satisfactory nature. Then, there is also the question of breeding cattle, which is specially understood by Mr. Dryden, from a long experience.

While this plan of ranching is attended with more risk than the buying of yearlings each year, it is a very profitable plan, and under proper management has some advantage over the other. It is the intention of the company to consider the question of breeding later on.

In addition to the profit on the cattle, a large profit is expected from the increase in the value of land acquired by the company; in fact, the land profits will be a very considerable factor in the general results of the business, but in the estimate no profit on land has been taken account of.

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For 500 Shares of \$100.00 Each at Par, \$50,000.

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Subscription forms may be had on application.

J. F. McLAUGHLIN, Board of Trade Building, Toronto.

Subscriptions will be received for one share and upwards

Market Review and Forecast

Office of THE FARMING WORLD,
Confederation Life Building,
Toronto, Sept. 10, 1900.

Though failures have been somewhat numerous of late in some sections, the fall trade on the whole promises well. Money is easy at 5 per cent. on call and 4 to 4½ on time. Discounts are steady at 6 to 7 per cent.

Wheat.

Early in the week, owing to a number of foreign buyers operating in Chicago, it was hoped that there would be a large increase in the export demand. But this utterly collapsed, to the disappointment of many in the trade. The situation there is practically the same as a week ago. Fine weather in Europe and more favorable crop reports are checking the demand somewhat. The prospects in Canada are more encouraging and the Northwest will have a better yield than was expected. Latest estimates as to the Ontario crop indicate a yield of 26,000,000 to 28,000,000 bushels of winter wheat and of 8,000,000 to 9,000,000 bushels of spring wheat.

The market situation is about the same. No. 1 Manitoba hard is quoted at 79½ to 80c. float Fort William. At points west of here old wheat has been quoted at 67c., and new at 66c. Here the market is quiet, 66c. for old west and 66c. for spring wheat. On Toronto farmers' market red and white bring 68 to 69c.; spring rye, 69c., and goose wheat, 68c. per bushel.

Oats and Barley.

The quality of oats this year is likely to be good. White are quoted here at 26c. east and 25c. west. On the farmers' market at 31c. for new and 34c. per bushel for old.

The barley market is quiet. On the Toronto farmers' market barley sells for 45 to 46c. per bushel.

Peas and Corn.

Peas are firmer and higher east, and there is an advance of 1c. per bushel Montreal. The market here is steady at 58 to 59c. west.

Corn is quiet and has not developed the stronger tendency expected. No 3 American is quoted at 48c. Toronto.

Bran and Shorts.

Ontario bran is quoted at Montreal at \$14.50 to \$15, and shorts at 16.50 to \$18 in car lots. City mills here sell bran here at \$13.50 and shorts at \$16 in car lots f.o.b. Toronto.

Eggs and Poultry.

Receipts of eggs this year are much larger than last year and a big export trade is being done. Choice candled western stock has sold at Montreal at 14½ to 15c., with straight gathered at 12 to 13c. New-laid eggs are scarce and in good demand here at 13½ to 14c. in round lots. On the farmers' market new-laid brings 15 to 16c. per dozen.

Fruit.

The past week has been a rather quiet one in the fruit market. At Montreal too many early fall apples are arriving, which are bringing prices down. Sales range between \$1 and \$1.40 per bbl. Crawford peaches sell there at 35 to 45c. per basket, and Clapper pears at \$2 to \$2.50 per bbl. The following are the quotations on the Toronto fruit market:

Tomatoes, 10 to 20c.; cucumbers, 10 to 15c.; pears, 20 to 40c.; apples, 10 to 20c. per basket; choice, per barrel, \$1 to \$1.50; green corn, 3 to 5c. per dozen; potatoes, 30 to 35c. per bushel; Canadian peaches, 25 to 35c. per basket; yellow peaches, 40 to 60c.; Crawford peaches, 65 to 85c.; Lawton berries, 5 to 7c. per basket; plums, 30 to 40c.; musk-melons, 15 to 20c. per basket, and 30

to 40c. per case; celery, 35 to 50c. per dozen; buckberries, 65 to 90c. per basket; Southern grapes, \$2.75 to \$3 per crate; Canadian grapes, 15 to 25c. per basket; and bananas, \$1.25 to \$2 per bunch.

Hay and Straw.

Canadian hay still continues to go forward to South Africa. There is a fairly good demand at Montreal for baled hay. No. 1 is quoted at \$9.50 to \$10, No. 2 at \$8 to \$8.50, and clover at \$7.50 per ton in car lots. Baled hay is quoted here at \$9 to \$9.25 in car lots on track Toronto. On farmers' market hay brings \$11 to \$13, sheaf straw \$11, and loose straw \$4 to \$5 per ton.

Cheese.

Cheese has taken another advance, and is now ½ to ¾c. above last week's prices. The *Trade Bulletin* of last week says: The last half of August cheese sold at Western country boards yesterday and to-day at 11 1-16 to 11 3-16c., which is an advance of about ½ to ¾c. on the week. In this market the sale of a lot of finest colored Eastern sold at 11c., and a very choice lot at 11 1-16c. Finest Western colored is quoted at 11 1-16 to 11 3-16c., with a spot sale at the outside figure. We are now awaiting the result of the Brockville market, which is expected to go pretty high. Cable limits from the other side are gradually coming up, but they have not yet reached the base of prices paid here.

At Brockville on Thursday both white and colored sold at 11 5-16 to 11 3-16c. per lb.

Butter.

The *Trade Bulletin* summarizes the butter market as follows:

"The market is decidedly weak, as factory-men are bringing in their creamery butter and selling it at 19c to 20c and 20½c, whereas they could have got 20c to 20½c and 21c for the same class of goods last week. The West Shefford creameries sold this week at 20½c, being a decline of ¼c from the week previous. Quite a number of factory-men arrived

in the city yesterday and to-day with their butter, and sales of between 1,500 and 2,000 pkgs. were made at 19c to 20½c. A cable from England was received to-day as follows:—'Australians offered at 97s for future delivery; cancel all orders not executed.'

Creamery butter is steady here at 22c to 22½c. for tubs and 21c to 24c. for prints. Choice dairy butter is in good demand and quoted at 19c to 20c. for rolls and 17c to 18c. for tubs and pails in large lots. On Toronto farmers' market pound rolls bring 21c to 25c. each.

Cattle.

The receipts on Toronto Cattle market on Friday were 382 cattle, 1,539 hogs, 838 sheep and lambs and 20 calves. The quality of the fat cattle offered was generally speaking only medium there being only a few well finished animals. Trade was slow and dull.

Export Cattle.—Choice lots of these sold at \$4.85 to \$5.10 and light ones at \$4.25 to \$4.50 per cwt. Heavy export bulls sold at \$4.12½ to \$4.25 and light ones at \$3.12½ to \$3.35 per cwt. and not wanted. The bulk of exporters sold at \$4.85 to \$5 per cwt.

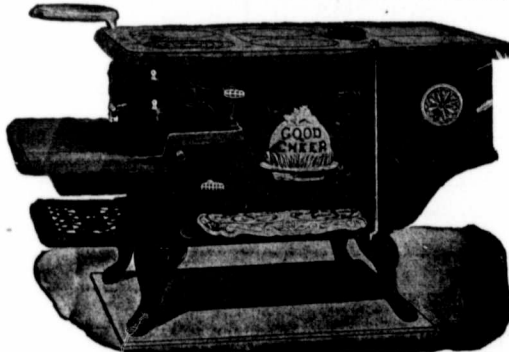
Early Golden Straw Seed Wheat

has proved the most valuable and productive variety of winter wheat ever introduced in this State. It has long, well-filled heads and is an immense yielder. A 10-acre field this season averaged 40 bushels per acre. It has a bright stiff straw that stands up against storms like a reed, thus it never lodges. It has never been affected with rust and very little with the fly. It is an excellent milling wheat and gives general satisfaction. My seed is absolutely pure and clean. Price, \$1.25 per bushel; in lots of 10 and 20 bushels, \$1.10. Bags 15 cents extra. Remit by bank draft or express money order. Send 5 cents in silver for sample package. HERBERT F. CHILDS, Niagara Falls, N.Y.

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Butchers' Cattle.—Choice picked lots of these, equal in quality to the best exporters' but not so heavy sold at \$4.55 to \$4.70, good cattle at \$4.20 to \$4.40, medium at \$3.95 to \$4.10, and inferior to common at \$2.75 to \$3.40 per cwt.

Feeders.—A few heavy feeders are coming forward and those of good breeding, weighing 1,000 to 1,150 each, bring \$3.75 to \$4.25 per cwt. Light feeders, weighing 700 to 800 lbs, each sold \$3.25 to \$3.35 per cwt.

Stockers.—Yearling steers, 500 to 600 in weight, suitable for the Buffalo trade sold at \$2.25 to \$3 and other quality at \$2 to \$2.25 per cwt.

Milk Cows.—Ten milk cows and spring ers sold at \$30 to \$50 each.

Calfes.—These sold at from \$3 to \$10 each as to quality.

Sheep and Lambs.

Prices for sheep were a little easier at \$3.50 to \$3.75 for ewes, and \$2.75 to \$3 per cwt. for bucks. Spring lambs sold at \$2.75 to \$3.50 each.

Hogs.

Best select bacon hogs, 160 to 200 in weight, unfed and unweaned off cars sold at \$6, and thick and light fats at \$5.25 per cwt. Unculled car lots sold at \$5.85 per cwt. Light bacon hogs are quoted at Montreal at \$6 and heavier ones at \$5.75 per cwt. The *Trade Bulletin's* London cable of Sept. 6 re Canadian bacon reads thus:

"The market has ruled steeper for Canadian bacon, with a good demand, No. 1 being quoted at 56s. to 57s. and advance of 2s.

Horses.

There have been the usual sales at Grand's during the week when fair prices were realized. A much larger amount of business was done than usual at the Industrial and a large number of horses changed hands. Isaac Watson, New York, bought a car load of carriage and saddle horses at good prices for shipment to Liverpool. A mixed load was sold to go to Sudbury, and Mr. Jacobson, Montreal, purchased a carload of carriage horses for export. All these horses were shown at the Industrial and were of fine quality.

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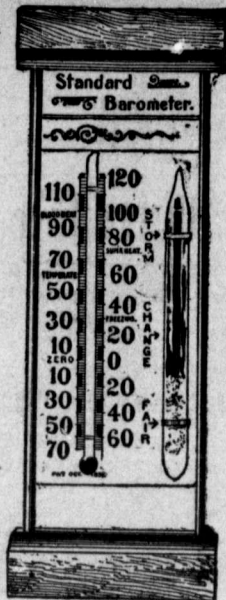
GENTLEMEN,—Enclosed find sum of \$....., for which send THE FARMING WORLD every week, from present date to January, 1902, to my address as below, and to addresses as per enclosed list. This will entitle me to premiums as follows :

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4. IN WINTER, generally, the substance will rise rather high, in snowy weather or white frost it will be white, with small stars in motion.
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6. To know what quarter the wind or storm comes from, you will observe the substance will lie closer to the bottle on the opposite side to that from which the storm or wind comes.

—\$1.00 is the value of this indispensable instrument. Any one sending us one new subscription to **THE FARMING WORLD** will receive this Barometer free, or anyone renewing his or her subscription and adding twenty-five cents will have one sent free of any expense.

THE FARMING WORLD

Confederation Life Building, Toronto.

...OUR BOOK PREMIUMS...

Pages 6, 7 and 8 of **THE FARMING WORLD** of last week told the story of the valuable books and Bibles that we are offering as premiums for **THE FARMING WORLD**. In some cases only one subscription is needed to secure one of these books. These are some of them :

The Ideal Cook Book

This is the most practical Cook Book on the market to-day. The receipts are of a kind that appeal to the common sense of the housekeeper.

—Copy of the Ideal Cook Book will be sent free to any present subscriber sending one new subscription to **THE FARMING WORLD**, giving **FARMING WORLD** from present date to January, 1902; or to any subscriber, not in arrears, for 50c. The published price of the book is \$1.

Home Nursing

This is a book of incalculable value in any home. What information is more important than that which will help to increase the comfort of the sick and afflicted and that will teach us to deal skilfully with those that are not well? It is by Eveleen Harrison, a nurse of very wide experience.

—Home Nursing will be sent free to any subscriber of **THE FARMING WORLD** who will send us two new subscriptions, giving **FARMING WORLD** from present date to January, 1902; or to any present subscriber, not in arrears, postpaid, on receipt of 50c.

These four by no means exhaust the list of books. On pages 6, 7 and 8 of last week's **FARMING WORLD** you will find a more extended description of them.

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