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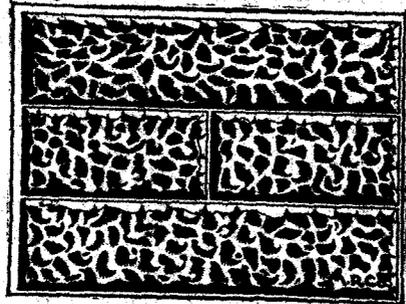
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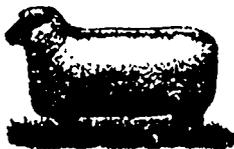
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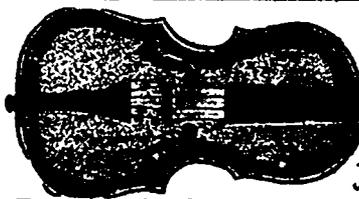
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FARMING

VOL. XVII.

SEPTEMBER 12th, 1899

No. 2

Mr. F. W. Hodson Resigns He Becomes Dominion Live Stock Commissioner

At a meeting of the directors of the Dominion Live Stock Associations, held in the Farmers' Institute tent, on the evening of Sept. 6th, Mr. F. W. Hodson tendered his resignation as secretary of these organizations, to take effect at the end of the year. Mr. Hodson, who has been the chief executive officer of these associations for several years, has received the appointment of Live Stock Commissioner from the Dominion Government, and will in future devote his energies to improving the live stock interests of the whole Dominion. While the associations will lose a most valuable officer, to whose untiring efforts the present flourishing condition of the live stock association work in this province is almost entirely due, the Department of Agriculture at Ottawa is to be congratulated in securing a person so well fitted as Mr. Hodson is to carry on the work it has outlined for him. At a later date we hope to be able to give a more detailed and fuller account of Mr. Hodson's splendid services to the purebred live stock interests of the province.

At the meeting already referred to the directors did a very wise thing in appointing Mr. A. P. Westervelt, for five years Mr. Hodson's able assistant, to succeed to the secretaryship upon his retirement. Outside of Mr. Hodson himself we know of no one better qualified to take up the work and carry it on in the same aggressive manner as heretofore than Mr. Westervelt. For several years he has carried out the details of the work connected with the associations, and more particularly in connection with the shipments of pure-bred stock to the West. This is the most important branch of the work and the associations are to be congratulated in having secured as their chief executive officer one so thoroughly familiar with all the details, and who will be able to carry it on along the same lines as formerly.

Some Valuable Cows Die at the Fair

The Cause Purely Local. No Contagious
Disease Existed

During the first week of the Fair several valuable cows on exhibition died very suddenly, causing no little excitement among the live stock exhibitors. Various rumors were afloat as to the cause of death, the report gaining ground that some contagious disease existed. This made a thorough investigation of the matter necessary, and we are glad to be able to state that the report of the investigating committee, which is given below, shows clearly that the cause of death was entirely local, and that no contagious disease whatever existed among any of the cattle affected. The committee consisted of Andrew Smith, V.S., Hon. John Dryden and John I. Hobson, who presented the following report:

"The Cattle Committee to-day received the report of the veterinaries appointed to investigate the cause of the mortality among the cattle. The report showed the cause of death to be entirely local, no disease of a contagious

character existing among any of the cattle affected. The death in each case had been caused by too much forcing and certain manipulation of the udder with a view to improve its appearance, coupled with the extreme heat at the time. In each case it was a voluntary act by those in charge leading to a very great loss to the owners."

We have no desire to make any comment on this report other than to state that we trust the present instance will be a valuable lesson to those who adopt such practices as indicated above in order to gain favor in the prize ring. It is only fair to the Industrial Exhibition Association and to the breeders of this province to give the fullest publicity to this report in order to set matters right in regard to the exact cause of the loss of so many animals, and to show that no disease of a contagious character existed.

Meetings at the Fair

American Shropshire Association.

For the first time in its history the American Shropshire Registry Association met last week in Canada. The meeting took place at Shaftesbury Hall on Sept. 4th, and there was a fairly large attendance of Canadian and American Shropshire breeders. The Hon. John Dryden, who is president of the association, presided. In his opening remarks he briefly sketched the history of the association which was formed in 1884. Though it had a small beginning it was to-day the largest live-stock association known. They had a membership of nearly two thousand in fifteen years and it was increasing at the rate of one hundred to two hundred annually. This success was largely due to the excellence of the breed which the association represented. On the Toronto Fair grounds would be found Shropshire sheep as near the ideal at which they were aiming as could be found anywhere.

Mr. Mortimer Levering, Lafayette, Indiana, Secretary-Treasurer, presented an informal report. Owing to the change of date in the financial year no financial report was presented. The association derived a large part of its support from Canadian breeders and the utmost harmony prevailed between American and Canadian breeders. The total membership was 1,950, and the last certificate issued was numbered 129,200. The number of pedigrees was 12,117, and the number of transfers last year, 2,444. The fee for registering imported stock was reduced from \$1 to 50 cents a head.

The election of officers resulted in the return of the old board.

Eastern Dairymen.

The directors of the Cheese and Butter Association of Eastern Ontario met in the Farmers' Institute tent on Sept. 5th. President D. Derbyshire, of Brockville, presided. Others present were R. G. Murphy, secretary; P. R. Daly, treasurer; T. B. Carlow, Jas. B. Whitton, L. L. Gallagher, John R. Dargavel, Edward Kidd, Wm. Eager, Henry Wade and John McTavish. The principal business was deciding the place for holding the next annual convention. The Town of Madoc sent an invitation offering a free hall and \$200 if the meetings were held there. On motion it was unanimously decided to hold the next annual convention at Madoc, Ont., on January 10, 11 and 12 next. The board was generally in favor of sending an exhibit of dairy

products to the Paris Exposition, and the detailed arrangements were left with the president and secretary. It was pointed out that the work of the association was being crippled for the want of sufficient funds to carry it on successfully and the following resolution was passed:

"Whereas the usefulness of this association is much crippled for the want of sufficient funds to pay the number of cheese and butter instructors required in the interests of the dairymen of this eastern section of the province, therefore this board deem it advisable that a committee composed of President D. Derbyshire, Secretary R. G. Murphy and Treasurer P. R. Daly be appointed to wait on the Minister of Agriculture for Ontario for the purpose of presenting the claims of this association for a larger grant."

Western Dairymen.

The directors of the Cheese and Butter Association of Western Ontario also met in the Exhibition offices on Sept. 6th. There were present. President Harold Eagle, James Connolly, R. M. Ballantyne, A. F. MacLaren, M.P.; John Prain, A. Wenger, George Goodhand, J. A. James, J. N. Paget, and Geo. Hatley, secretary. Mr. Ballantyne reported that the Council of the City of Stratford had invited them to that city, and had made a grant of \$200 to be given to the association for the purpose of assisting to defray the expenses of advertising, also offering the use of the new City Hall and heat and lighting. On motion it was unanimously decided to accept the invitation, and to hold the convention in Stratford on January 17, 18, and 19 next.

It was decided to ask the following persons to deliver addresses at the meeting: Hon. Sydney Fisher, Dominion Minister of Agriculture; Hon. John Dryden, Minister of Agriculture for Ontario; Hon. James Wilson, Secretary of Agriculture, United States; Hon. John Gould, Iowa; Mr. E. H. Farrington, Professor of Dairying and Husbandry, University of Wisconsin; Prof. Robertson, Ottawa; Dr. Saunders, Director Central Experimental Farm, Ottawa; Mr. Andrew Pattullo, M.P.P., Woodstock; Mr. A. W. Campbell, Provincial Road Commissioner; Dr. W. G. Connell, Director Pathological Laboratory, Queen's University, Kingston; Mr. C. C. James, Deputy Minister of Agriculture; Prof. Dean and Miss Laura Rose, Ontario Agricultural College; Mr. D. Derbyshire, President Eastern Butter and Cheese Association; Prof. James Fletcher, Dominion Entomologist, Ottawa.

It was also decided that should the funds of the association warrant it, a grant of \$100 be given the Butter and Cheese Makers' Association as a help to their prize list in connection with their annual exhibition. The meeting then adjourned.

Experimental Union.

A meeting of the Board of Control of the Ontario Agricultural and Experimental Union was held in Mr. Hodson's tent during the afternoon. The meeting was for the purpose of arranging for the next annual convention. It was decided to hold it at the Agricultural College, Guelph, on December 6, 7 and 8 next, the same week in which the Guelph Fat Stock Club holds its exhibition. This will be of advantage as affording better railway rates, and allowing the members to see the stock as well. It is intended to make this an especially interesting meeting, as it is the 25th anniversary of the O. A. C. Those present at yesterday's meeting were: Mr. H. R. Ross, Gilead, in the chair; Prof. Zavitz, Guelph, secretary; T. J. Hurley, Belleville; A. Shantz, Waterloo; Prof. Hutt, Guelph, and others.

Association of Fairs.

A meeting of the Executive Committee of the Canadian Association of Fairs, a body of men connected with public exhibitions, was held at the Exhibition grounds last week. The chair was occupied by the president, Mr. J. T. Murphy, Simcoe. The others present were: Messrs. G. R. Vanzandt, Markham, second vice-president; Alex. McFarlane, Otterville, secretary; W. F. Clark, Goderich;

James Kirkwood, Oaspringe; George Elliot, Peterboro', and M. McConnell, Cayuga. Arrangements were made for the holding of the annual convention in Toronto in February next. The exact date will be arranged by the president and secretary. A programme of a good deal of interest will be prepared for the February meeting. It will include papers on such subjects as "Special Attractions," "Doing Away With Membership," "Appointment of Judges," "What Fairs Have Done for the Interest of Agriculture," etc.

Poultrymen.

Representatives of the various Poultry Associations of the province met during the week and organized what is called the Representative Poultry Association of Canada, with Mr. Montgomery, Brantford, as president; Mr. Mann, Petrolia, vice-president, and Mr. Durston, of Toronto, as secretary. The object of this new organization is to form a circuit of shows and to boom the poultry business generally. It is probable that two circuits will be formed in the province, one east and one west. The association will not be able to do any business this year, but hopes to be in good working shape when next year's shows are arranged for. Mr. R. H. Essex, of this city, who presided at the meeting, was the prime mover in getting this new organization into shape and will draft by-laws to be submitted to the delegates next September. This new organization will also be a court of appeal to hear complaints in regard to judging, etc.

The Industrial Fair

The Industrial Fair of 1899 is now an event of the past. The large crowds, the splendid exhibits, the beautifully lighted grounds and the array of special attractions exist only in memory. As compared with other years the Industrial has well maintained the proud position it holds as being the best all round annual fair on this continent if not in the whole world. It is indeed an institution that every Canadian should be proud of. We doubt if at any other point on the whole globe has so great and so fine an array of agricultural products been got together this year as was to be seen on the Industrial Fair grounds during the past two weeks. In more respects than one this show must be looked upon as being largely agricultural. The live-stock, the dairy exhibits, the fruit, the flowers, the agricultural machinery of all kinds, the exhibits in the agricultural hall, etc., made up the greatest share of the exhibits and indicated in a striking manner the important part which agriculture plays in the affairs of this country.

The fair was formally opened on August 29 by Major General Hutton. The number of visitors at the opening ceremonies was larger than usual, and from the time the electric button which set the machinery in motion was touched a constant stream of sight-seers passed in and out of the gates. The attendance, though somewhat irregular, owing to a few rain storms, was, probably, ahead of last year, and we would not be surprised if the receipts were considerably in excess of last year. It is certain that this year's show can lay claim to having had the largest attendance on any one day in the history of the Fair, not excepting the great day when Li Hung Chang graced the exhibition by his presence. Farmer's Day (Sept. 6th) was also a record one and a great crowd of honest toilers from far and near were on the grounds. There was a much larger attendance than usual of Americans, and every one from the south of the line was loud in his praises of what he saw at Canada's great Fair.

There will probably never be a time when exhibitors in all classes at the Industrial Fair will be perfectly satisfied with the accommodation provided. The Fair has grown so of late years that buildings which were thought to be perfectly adequate a few years ago are not now large enough for the increased exhibits. To enlarge the buildings and to provide the accommodation asked for in all departments would entail the expenditure of a large amount of money—

more, we think, than the Exhibition Association has at its disposal in any one year. The work, then, will have to be accomplished gradually, and in the meantime exhibitors should exercise a little patience.

There are one or two instances, however, where urgency is needed in regard to better accommodation. For several years the dairy exhibits have been located under the grand stand in a place out of the run of visitors. And this year the butter-making competition took place in a separate room also under the grand stand. What is wanted is a suitable building where both the dairy exhibits and the contest, if it is to be continued, can be shown together. And more than this, this exhibit should have a position where it could be easily reached. It is hardly fair to exhibitors of dairy appliances, who go to considerable expense in order to make an attractive display, to be placed where they only meet a very small proportion of the visitors at the fair. The display of dairy appliances could be made one of the most attractive exhibits on the grounds if proper accommodation were provided. It is estimated that the total value of the exhibits in the dairy department this year including the cheese and butter would be about \$15,000. This value as compared with the value of other exhibits that have special buildings provided for them puts the dairy in a position to demand better accommodation, which we hope will be forthcoming another year. The swine exhibitors also had a grievance in not having enough pens provided for the increased exhibits. The number of entries was greatly in excess of other years, and hence the necessity for increased accommodation. Many exhibitors who arrived late had to be content with temporary pens, in some cases widely separated from the main pens.

Every department of the fair, as will be seen from the detailed report included herewith, was filled almost to overflowing, and the quality of the exhibits as a whole was superior to other years.

Light Horses.

The thoroughbreds, never very numerous at the show, were in about the usual numbers. The Hendrie stables sent out this year a larger and rather better contingent than is generally seen, and won nearly all the first prizes in the sections in which they exhibited. The exception was the brood mare class which was again captured by the well-known mare "Thistle," by King Ernest, dam Invermore. This very sweet mare has been shown for many years by R. Davies, Toronto, and added another to her first prizes. N. Dymont, of Barrie, was second with "Hands Off." Wm. Hendrie had a grand lot of young things entered—mostly sired by Derwentwater—and including the celebrated three-year-old mare Butter Scotch, winner of the Queen's Plate this last summer. She is a very fine specimen of the thoroughbred and has added great laurels to her owner's name. Two very promising youngsters, full-sisters to Butter Scotch, are the two-year-old Barley Sugar and the yearling Maple Sugar—both first winners and very likely to gallop as well as they look; the former dark points and the latter, the most promising, has three black and white feet. The stallion Versatile from the same stable was first in the aged class and his foal was first amongst the suckers, beating a very nice lot. In the section for stallions best calculated to produce hunters and saddle horses, Monotony, owned by Geo. Robinson, of Richmond Hill, was placed above the old winner, Wiley Buckles, still owned and exhibited by Quinn Bros., of Brampton. This horse has been many years before the Canadian public, has won often and has sired many good ones.

Roadsters and Trotters.

The roadster and standard bred classes were well filled by about one hundred and seventy entries. Most of these were in the former class and the sections for single drivers were full to overflowing. The standard-bred trotters were very much fewer, in fact, in several sections there were not enough animals forward to carry away the prize money offered. All the latter class require to be entered

and have certificates from the American Trotting Register. Hawley Chimes 27798, owned by A. T. Mackie, Pembroke, was placed first in the aged stallion class. He has a record of 2.23 $\frac{3}{4}$ as a three year old and at a private trial it is claimed he has done 2.15 $\frac{1}{2}$. He is a well built dark dapple bay with a black and white nigh hind foot and is a good mover. Second place went to J. W. Hill, Port Rowan, for a post entry. The two-year-old filly, Belle of Chester, got the medal for the best female. She is by Altoneer, out of the winning mare, Prairie Bell, and owned by R. Davies. For a single horse in harness G. H. Briggs got 1st with Edna Briggs by Wild Brino, and the judges refused to place any second ticket. In the roadster class for stallion not less than 15 $\frac{1}{2}$ hands John McPherson Carluke, Ancaster, was first with a mahogany dappled bay, eleven years old, record 2.26. He is by old Dollard Wilkes out of a half-bred dam by Terror. He is a well-finished, active fellow. T. H. Hassard was second for Bain by Royal Rysdyke, a good mover. There was but one three-year-old stallion, shown by E. M. Crawford, Brampton, and A. McDougall, Milton, won for his two-year-old Star Wilkes by Harry Wilkes, with Golden Star second, shown by Thomas Welch, Toronto. In the yearlings C. B. Fuller, Alloo, had a good one in Blucher by Golden Jubilee. There was a fine class of brood mares out. I. L. Martin, of Binbrook, had a first both for his mare Queen Scott and her foal.

For three-year-old gelding or filly T. McClure, Brampton, won first for a half-bred skip by Wily Buckles. J. J. Brown, Toronto, was second with a very good mover. Two-year-olds were a large class, Wm. Keyworth, Galt, came first with Netty Brino, and Dr. M. H. Aikens, of Burnhamthorpe, second with a gelding by Harry Wilkes, a very promising youngster. In yearlings J. C. Dietrich, of Galt, got the red ribbon for Killarney, second going to Thos. Maddaford, Whitby, for Minnie Stanton. There were but few matched teams shown over 15 $\frac{1}{2}$ hands. J. C. Dietrich was also winner here with a fine pair of quick steppers. In the class under this height there were many entries and a good show. E. A. Armstrong, Bedford Park, got first place with a pair of mares, full sisters, by Col. Brock. They were nicely matched and moved together very well. For single roadster over 15 $\frac{1}{2}$ Geo. Barron, Toronto, won first, S. Dunn, second, and F. Maher, Toronto, third—all very nice moving animals. In the class for single roadster under 15 $\frac{1}{2}$ hands J. W. Dunn, Toronto, had a nice stepper which easily captured the red ribbon. A. Jarvis, Boyne, was second with Stella, a daughter of Wild Brino, and J. C. Dietrich, Galt, was third with one by Axland.

Carriage and Coach Horses.

This was a very mixed class, inasmuch as animals of different types and character were shown together. In the breeding sections for mares and fillies there were but few, while the harness classes were quite full and those shown were more in dealers' hands than in the breeders' stalls. In the aged stallion class two sons of Prince Victor headed the list. W. C. Brown, Meadowvale, was first with Prince George, a great big horse, a bay with dark points. He is a six-year-old and handles his legs very well indeed, and James Erskine going second with Prince Arthur, another bay more of hackney form but a half brother to the winner.

There was but one three-year-old shown by J. B. Pool, Dundas, and two two-year-olds, A. Agar, Nashville, getting the red ticket, and John Warrilaw, Owen Sound, the blue one, while W. C. Brown got the medal for best any age. He also got second for his brood mare and foal, closely pressed by James Starkey Arkell who had first for his foal by the hackney Square Shot and third place for the mother, a fine bay. First place went to Wm. Scott, Milton, for a fine roomy upstanding mare by Ryshawk. Two year-old fillies were headed by Gipsev, owned by A. E. Ramsey, Eden Mills, and the three year-olds were in dealers' hands, first going to George Pepper, Toronto, and second to Yeager & Curzon, Guelph. In the matched pairs under 16 hands Crow & Murray, Toronto, were first and McCarty & McCarthy, Thamesford, second with Yeager &

Curzon third and Quinn Bros. fourth out of fourteen entries. For the pair of matched carriage horses 16 hands and over, Yeager & Curzon were first and Charles Head, Guelph, second. There were nineteen entries and a very strong class. The first winners are high standing bays with black points.

Hackneys.

The Hackneys were not numerous, but those out were of good quality. Graham Bros. were 1st in the aged class with Lord Roseberry (1307), foaled in 1885 by Lord Derby 2nd (417), dam by Denmark (177). To those who have seen this chestnut shown on the halter one need not say how well he acts. He is a beautiful, true moving hackney, and won the sweepstakes medal. Robert Beith, M.P., was 2nd with Squire Rickell—74—, foaled in 1895 by Cadet (1251), out of Miss Rickell (1284). Bred in the United States this horse is a good hackney type. D. & O. Sorby had the only three-year-old stallion shown, a son of Miss Baker (4371), by Bowshorpe Performer (5097). H. N. Crossley, Rosseau, had the only yearling colt and two-year-old stallion. The latter a roan and the former a beautiful black with four white feet and slender legs beautifully turned. R. Beith had the only yearling fillies and the only three-year-olds shown, while each of the three breeders had a two-year-old filly. The brood mares and foals were a fine lot well brought out. R. Beith's Mona's Queen (5887) got the red with her foal second, while D. & O. Sorby only got the blue for Miss Baker (4371) and first for her foal. Both mares are beautiful specimens of the breed, and moved extremely well. Miss Baker won the English Hackney Horse Society medal for best hackney mare, and Lord Roseberry the \$50 prize given by John Holderness for the best hackney mare, any age, on the grounds.

High Steppers, Etc.

For pair of matched high steppers L. Meredith, London, had the winning pair, which moved very nicely together and had good front knee action. Crow & Murray, Toronto, 2nd, and Yeager & Curzon, Guelph, 3rd for a trappy pair of browns. For single horse, Sunshine won for Crow & Murray, W. H. Smith, Toronto, 2nd, and Yeager & Curzon 3rd. For dog cart horses R. Beith won with a fine hackney high actor. W. H. Smith, Toronto, again second. For cob in harness T. Dunne, of Mimico, had a clear winner, with Crow & Murray, Toronto, 2nd and 3rd.

Heavy Horses.

As usual there were very many more Clydes than Shires, though neither had the numbers seen at Toronto show ten or fifteen years ago. Practically the Shires were in the hands of one firm, Morris Stone & Wellington, of Welland. They showed the imported mare Beatrice [97] and foal and half a dozen fillies. The mare is a bay with three white feet; she has hardly the bulk expected from a Shire, but is a neatly turned mare. They also show two two-year-old stallions, one Canadian bred, a bay with white markings, and an imported son of Vulcan (4145). They got 1st and 2nd for these and same for aged stallions. Pride of Hatfield [256] by Lincolnshire Lad 2nd (1305) being 1st, and Bahallion Vulcan [274] by Vulcan (4145) 2nd. The latter is the heavier horse and the former has perhaps more bone and hair and more upright pasterns. Third prize in this class went to S. R. Hogate, Toronto, for Prince Hatherton [283] by Hatherton (4243), a leggy horse that moved much as the others, but had hardly the barrel weight of the breed. There was but one span of mares shown by Wm. Hendrie, Toronto, a good, plain, useful, heavy-draught team. Altogether the class was somewhat disappointing to one accustomed to the big dray horses of London, or the heavy boned farm horses of Midland, England. In the Canadian bred draught class there was a fair lot shown. There were some grand teams in this class. After a close contest Geo. Moore was 1st with a big pair of bays weighing over 3,600 lbs. One "Rose of Blanchard" [2462] by Rakerfield was also champion mare in the class. The blue ribbon went to John Stewart, Springbank, for a very good team of four-year old geldings by Wigton Lad. They are a good chunky

sort; bay, with white scattering hairs, and white trimmings and are perhaps the sweeter pair of the two.

Alex. Dogherty, Ellesmere, had the medal horse in the Canadian bred class with the 3 year-old Prince of Blantyre (2209), a bay, a thick heavy fronted horse with a big head and good clean legs. He is a good sort. In this aged draught Canadian bred class Neil Smith, of Brampton, was first with Jubilee Prince [2291]. For the two year-old stallions a chestnut called Sandy Get, owned by Jno. McClure, of Cowluke, was 1st and W. J. Howard, Amber, was 2nd with Amber Boy [2465]. For geldings Wm. Hendrie, Toronto, had a massive six-year old, he is by Pride of Perth and weighed in the spring 2,000 lbs. He has shrunk in the warm weather under this but is still a fine Clyde type and a massive animal. The light-colored chestnut mare, Daisy Belle, won the first in her class and the medal as best mare for Alex. Dogherty.

Clydesdales.

In Clydes the aged class had no less than seventeen entries, and most of them were forward. This is a larger number than has been seen for many years at a Toronto Fair, but the quality was not equal to the numbers shown. Take out the top half dozen and the balance were a plain lot, some with size but few with quality. Graham Bros. had 1st and 2nd. First for Young Duke of Fife [2463], by Orlando (3092), a long-bodied bay with white markings. The 2nd prize horse, MacArlie [2464], was the choice of the outside judges, and while it is very difficult to judge from the outside of a show ring, and no admission was given the representatives of this paper, the outsiders seemed to be from their standpoint right in placing the chunky, well-knit chestnut as the best horse on the grounds. Dr. T. H. Hassara, of Millbrook, was 3rd with Fullerton (9910), a very good type of a horse, while 4th place went to Westfield Stamp [1819], owned by Thomas Little, Sand Hill. He is sired by the very celebrated horse, Carnbrogie Stamp (4724). In three-year old stallions R. Davies had 1st for Lion MacGregor [2308], by MacGregor (1487), the horse that died in Scotland this fall aged 22, and one that has been bringing in for his owner more money than any other horse in Scotland. For two-year olds Robt. Davies was 1st and 3rd, and Graham Bros. 2nd. For the yearling colt a son of Bold Boy, owned by H. Whetlaufer, Straford, was 1st, and Scotch Prince, a light bay, the get of Young MacQueen [2290], was 2nd. This horse won the prize for four animals the get of one sire with a fairish lot of field colts, Westfield Stamp being 2nd. The medal for best Clydesdale stallion, any age, went to Lyon MacGregor

Clyde Fillies, etc.

In three-year-old fillies D. & O. Sorby had an outstanding winner in Princess Alexandria [2308], bred in the purple, inasmuch as her sire was Prince Patrick and her dam Lillie MacGregor, the two sweepstake winners at the World's Fair in Chicago in 1893. She is a big well furnished mare with good substance and free feet and pasterns. The second prize went to K. C. Scott, Galt, for Crosby Rose, a bright bay with white socks and a shorter quarter than her rival. In two year-old fillies D. & O. Sorby were again first for Lady Patricia [2338], a sweet mover, but rather much roan and white about the face to be a fair rite color. In yearlings S. J. Prouse, Ingersoll, had a light bay very neatly made, which was placed first, with D. & O. Sorby second, Jas. Bowman, of Guelph, third, and James J. Davidson & Son, Balsam, fourth, with a bigger, plainer animal. Robert Davies got first and third for brood mares, Nelly [1323] and Belle [2193], both well brought out, and three places for foals. D. & O. Sorby had second for the brood mare Miss Stanley [2307].

For the teams there was a good turnout, D. & O. Sorby winning with a powerful team, while A. Watt, Elmbank, was second. For the best mare any age Graham Bros. brought out Corinna, not before shown, a good yield mare. She is by Queen's Own [1,708], dam Queen Mary, imported by the late Simon Beattie, is five years old, a stout bay, with fine feather, good feet, sloping pasterns, and a thick

enough middle for a shire judge. She is a flash mover and a taking mare.

Hunters and Saddlers.

There were over two hundred entries in these classes—perhaps as fine a display as has ever been seen on the grounds. In hunters and jumpers George Pepper, Toronto, had a fine lot, and won the bulk of the prizes. He has a fine thoroughbred in Sardonyx, by Saragossa, a fine, big, good looking chestnut with a fine style of jumping, and altogether a very pretty saddle horse and quiet as could be wished. He won the sweepstakes as the best saddle horse on the grounds. He showed Warnick, a registered Hackney by Matchless of Londesborough, out of his imported Hackney mare. This horse, of true Hackney type, is a fine chestnut. He won in the heavy weight hunters and green jumpers, and was sold for a long price to go to Boston. Victoria, a Guelph-bred mare, is a well-known ladies' saddle horse, and a good, game jumper. Another good one is Lord Harry, a half-bred Hackney, winner of silver medal, and sold to Dr. McGibbin, of New York. Mr. Pepper has a string of ten left, which he takes to Cincinnati, St. Louis and New York fall horse shows, and no doubt will do well and uphold the merits of Canadian horses in the United States. W. R. McBryen won with Queen Bertha in the open saddle class, and with Rosebud for a lady's saddle horse. Hume Blake got second place for his well-known Rufus, and L. M. Jones, Toronto, second for a lady's saddle horse. Where so many were good it was hard to pick the winners. There was a fine exhibition of jumping—one of the best ever seen on the grounds. The driving was good. There were a lot of ponies, and some good racing in front of the grand stand. Altogether a good show of horse-flesh, but rather difficult for a visitor to see the various animals. There is room for a great deal of improvement in this respect.

Cattle

In spite of the great demand that there has been of late for pure bred cattle of all kinds, there seems to be plenty of good ones, both old and young, left in the country, if we can judge by the cattle exhibited at the Toronto Industrial Exhibition. The sheds contained some 750 head of cattle, nearly all of them of a high order of merit, and that well repaid a careful inspection.

Beef Cattle.

It was a great year for cattle of the beef classes. The revival in the beef trade has caused increased attention to be paid to such breeds as furnish stockers for feeding, and, in consequence, there is a lively demand for bulls and females to supply that demand. New breeders are entering the field all the time, and those who have through the depression hung on faithfully to their favorites are correspondingly happy and are making money.

Shorthorns.

With the single exception of Jerseys, Shorthorns outnumbered every other breed of cattle on the ground. There were 136 entries of the red, white, and roans, and an excellent lot they were. Some of the bull sections were rather weaker than usual, but there were good individuals all through. The females were particularly strong and good. One incentive, of course, for this grand display was the great liberality of the Dominion Shorthorn Breeders' Association in contributing the sum of \$750 towards the prize list, which enabled the Directors of the Exhibition to increase the number of sections in which prizes were offered as well as the amounts given.

The judges were Jas. Smith, Brantford, and Wm. Linton, Aurora; and they performed their arduous duties as satisfactorily as could be wished, and very little exception could be taken to their awards.

In aged bulls the competition lay between Capt. Robson's Topsman, fresh from championship honors at Winnipeg, J. & W. Russell's Duncan Stanley, and H. Smith's

Abbotsford, Messrs. Russell's New Year's Gift not being forward. Topsman's smoothness, levelness of lines, thickness and good top carried him up to first place. He was bred by Messrs. Russell, of Richmond Hill, who followed him into second place with Duncan Stanley, his half-brother, a massive bull, who had not, however, the smooth finish of Topsman. Harry Smith's Abbotsford, who is carrying his years well and has good even conformation came third. There was no outstanding winner in the three year-old bull section. The red ticket fell to Messrs. Davidson's Sittyton Hero who was nicely fitted, but hardly girths as well as he might. Fried & Sons captured 2nd with Lord Willison, a level red, rather flat in the rib, and not so straight at the tail end as he might be. Wm. Shier's Riverside Stamp, whose front end was beyond reproach, came next in order. Two-year-old bulls were better. Robson's George Bruce was placed 1st. His back and hams are good, while his hoofs are very broad. He would have shown better had he stood straighter on his feet. Watt's roan, Hillsburg Tom, was good enough to beat W. C. Edwards & Co.'s imported Marquis of Zenda for second place. The latter is of a smooth kind, but could stand more flesh. He was bred by Marr, of Uppermill, Scotland. Messrs. Smith showed another imported bull, Knuckle Duster, bred by Bruce, of Inverquhomery, that was unplaced. Of the five yearling bulls out, the short leet comprised three good roans, between whom the competition was very keen. Eventually Leask's Royal Banner, a good handler, came in on top, with a well fleshed entry of Nicholson's 2nd, and Robson's Grand Quality third. Thirty-seven bull calves were entered, but fortunately for the judges only twenty one answered the call. Watt had the honor of winning 1st and 2nd with a white, and a red with some white markings, the former a grand handler, level and true in his lines, and with an excellent loin and back, the latter not far behind his companion. A son of Abbotsford carried off the yellow ribbon for Harry Smith, with Messrs. Davidson's Royal Archer 4th, and Alex. Smith's Cormac 5th. The championship honors fell to Topsman.

Eight fine aged cows faced the judges, who selected J. & W. Russell's roan, Centennial Isabella 35th, for 1st place, the same owners' Nonpareil 54th for 2nd, and Watt's Matchless 11th, the 2nd prize cow last year, for 3rd. The latter was a strong favorite with many for 1st place. Very close indeed was the competition in the three-year-old cow section, where three rattling good ones secured recognition at the hands of the judges. Matchless 18th justified the London decision last year, which placed her ahead of her half-sister, Mildred 6th, in the two-year-old section (a reversal of the Toronto judging), by once more going ahead of her. Capt. Robson's Gem of Athelstane came in 3rd. This class excited great attention, owing to the evenness of the exhibits and their general excellence all round, and the same can be said of the two-year-old heifers. Here Capt. Robson's Jubilee Queen, the winner of the sweepstakes for females at Winnipeg, secured 1st place, but there was little to choose between her and Watt's Dora Stamford and Matchless 19th, which won 1st and 2nd in 1898 in reverse order as yearlings, and now came in 2nd and 3rd. One of Capt. Robson's own breeding, Lovely Lorne 2nd, won in the yearling section, with a neat one of Watt's 2nd and Oke's big red 3rd. Heifer calves were twenty-four in number, and a fine lot. Capt. Robson again scored with a charming young daughter of his old cow, Louan of Browndale 2nd, that had a back on that an older animal might envy. She was just a trifle high on the tail. A straight red of Russell's was placed 2nd, with H. Smith's roan and white calves 3rd and 4th, both showing great quality and great turn of rib and loin. Watt's Mildred 8th, a full sister of the 2nd prize three-year-old cow, stood 5th, while another very promising red of his would probably have been next in order. In such a ring, however, all could not secure recognition. For the female championship there were drawn up Watt's three-year-old red heifer, Robson's two-year-old yearling and heifer calf, and Russell's aged cow. Owing to a difference of opinion between the judges, Mr. John I. Hobson was called in as

referee, who sent the coveted ribbon to Watt's three-year-old. For four calves bred and owned by the exhibitor the order was Watt, Smith, and Davidson, which was also followed for five females bred and owned by exhibitor, as far as 1st and 2nd were concerned. H. Smith secured 1st for bull and four of his get with Abbotsford, his grand white steer, which was shown only in this class, his 3rd prize bull calf and his 3rd and 4th prize heifer calves. Messrs. Davidson were 2nd. The young herd prizes went to Robson, Watt, and Smith, and the older herd ones to Robson, Watt, and Nicholson.

Awards.

Bull, four years old and upwards—1st T. E. Robson, Ilderton; 2nd J. & W. Russell, Richmond Hill; 3rd H. Smith, Hay. Bull, three years old—1st J. I. Davidson & Sons, Balsam; 2nd J. Fried & Sons, Roseville; 3rd W. Shier, Sunderland. Bull, two years old—1st T. E. Robson; 2nd J. & W. B. Watt, Salem; 3rd W. C. Edwards & Co., Rockland. Bull, one year old—1st James Leask, Greenbank; 2nd R. & S. Nicholson, Sylvan; 3rd T. E. Robson. Bull calf—1st J. & W. B. Watt; 2nd and 3rd H. Smith; 4th J. I. Davidson & Sons; 5th A. W. Smith, Maple Lodge. Bull of any age—1st T. E. Robson (Topsman). Cow, four years old and over—1st and 2nd J. & W. Russell; 3rd J. & W. B. Watt. Cow, three years old—1st and 2nd J. & W. B. Watt; 3rd T. E. Robson. Heifer, two years old—1st T. E. Robson; 2nd and 3rd J. & W. B. Watt. Heifer, one year old—1st T. E. Robson; 2nd J. & W. B. Watt; 3rd J. Oke & Son, Alvinston. Heifer calf—1st T. E. Robson; 2nd J. & W. Russell; 3rd and 4th H. Smith; 5th J. & W. B. Watt. Female of any age—1st J. & W. B. Watt (Matchless 18th). Four calves, bred and owned by exhibitor—1st J. & W. B. Watt; 2nd H. Smith; 3rd J. I. Davidson & Sons. Five females bred and owned by exhibitor—1st J. & W. B. Watt; 2nd H. Smith. Bull and four of his get—1st H. Smith; 2nd J. I. Davidson & Sons. Bull and four females under two years old—1st T. E. Robson; 2nd J. & W. B. Watt; 3rd H. Smith. Herd—1st T. E. Robson; 2nd J. & W. B. Watt; 3rd R. & S. Nicholson.

Judges—Jas. Smith, Brantford; Wm. Linton, Aurora.

Herefords.

There were more "whitefaces" present this year than we remember for some years past. We have seen better individuals out, but the general average was good. We are glad to welcome two new exhibitors, W. H. Hunter, The Maples, and J. A. Lovering, Coldwater.

Only two bulls out of the three entered appeared in the aged and two-year-old classes respectively. W. H. Hunter's newly-imported bull Belswardyne Lad, now three years old, beat the Stone Stock Co.'s Grandeur in the aged class, while H. D. Smith's Mark Hanna, a bull of fine quality, bred by Vanatta, of Indiana, was an easy winner in the two-year-old section. A new importation by the Stone Stock Co., Picture 27th, headed the yearling class. While in fair order, he will look better another year. H. D. Smith had a nice thing in Amos 5th of Ingleside, which came 2nd, beating the other Stone entry. None of the bull calves were very well fitted. W. H. Hunter had the best in Maple Duke, Smith's Prince Ingleside secured 2nd honors, and the Stone Co. were 3rd. Mark Hanna was the sweepstakes bull of all ages. Cows were a good average lot. We thought that Smith's Duxmoor Brenda was entitled to first honors, but the prizes were sent to Hunter's Maple Duchess, mother of his 1st prize bull calf, to Smith's Sylvan of Ingleside, and to Hunter's old cow Rosa 2nd. Three-year-old cows were a nice lot, better than the aged cows. Smith's good thick cow Chatterbox was an easy winner. The Stone Co.'s Graceful 93rd, a smooth one, stood 2nd, and Hunter's Miss Ada 10th, which had lately calved, came in 3rd. Two capital two-year-old heifers of Smith's were placed 1st and 2nd, the Stone Co. winning 3rd honors. A big, growthy heifer of the Stone Co.'s lot deservedly headed the yearling section, a good-sized one of Hunter's being, next, while a smaller smooth entry of Smith's was 3rd. Nine heifer calves were out. The Stone Stock Co. again came in victorious, winning both 1st and 2nd, with Hunter's Edna 3rd. The herd prizes went to Smith, Hunter, and the Stone Co. in the order named, while the sweepstakes for females went to Smith's excellent three-year-old.

Awards.

Bull, three years old and upwards—1st W. H. Hunter, The Maples; 2nd F. W. Stone Stock Co., Guelph. Bull, two years old—1st H. D.

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

Judges—A. Rawlings, Forest; F. A. Fleming, Toronto.

Polled Angus.

Polled Angus were about the same as usual, the female sections being the strongest. Only one aged bull appeared, Jas. Bowman's Kyma's Heir, the same bull that won 1st last year in good competition. He is a very smooth, even bull, of good length, and was nicely fitted. Messrs. Stewart's Son of Lucretius, one of Walter Hall's breeding, though rather thin in flesh, was still good enough to beat Hall's Rapid's Prince in the two-year-old section. Hall evened up matters by winning 1st and 2nd for yearlings with Laird of Tweedhill and Aberdeen, the first a growthy, well-fitted bull, the other smooth and neat. Stewart & Son's entry was scarcely fleshy enough. They came to the front again, however, with a nice son of Oxford King in the bull calf section, Bowman being 2nd and 3rd. Kyma's Heir secured the sweepstakes for bulls.

Aged cows were nine in number, and were a hard ring to judge, so even were they. Eventually Walter Hall captured both the red and blue tickets with Newtona's Favorite and Newtona 2nd, a capital pair, Bowman's Heather Belle standing 3rd in order. Only two three-year-olds were entered. Bowman's Kyma 4th won over Stewart's Miss Mary of Willow Grove. Walter Hall had again the two best two-year-olds, with Bowman's entry third. Hall's yearling was a clear winner over Bowman's and Stewart's animals in that section. Heifer calves were a nice lot. Victory again rested with Hall, whose entries stood 1st and 3rd, with Bowman's sandwiched in between. Hall, Bowman, and Stewart was the order in which the herds were placed. Hall's Newtona's Favorite deservedly won the championship ribbon for females.

Awards.

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

Judges—John Davidson, Collingwood; A. McNeill, Edgeley.

Galloways.

This breed, as well as the Polled Angus, was satisfactorily judged by John Davidson, Collingwood, and Arthur McNeill, Edgeley. The exhibit was stronger than usual in the female sections, while the bull sections were also, with one exception, nicely filled. Three bulls came out in the old class, one of McCrae's entries not being present. The winner was found in the well-known Canadian Borderer, one of the best types of Galloway bulls that have ever been seen in this country, and who when shown by McCrae carried victory in many a contest. He is now owned by John Sibbald, Annan, and, in spite of the railway accident he underwent on his way to his new home (on which occasion he and the car he was in rolled down an embankment forty feet high, the car being smashed to atoms), he came out in as good a shape as we have ever seen him. A. M. & R. Shaw's MacCartney was nicely fitted, and, while not showing such Galloway characteristics as Sibbald's bull, has very good conformation. He was 2nd, and McCrae's Seaton, a smaller bull, took 3rd. A capital two-year-old of Lloyd Jones & Sons' string won 1st in that section. He

was the only one that faced the judges, but he thoroughly deserved the place he got. Sibbald had another of good Galloway type in the yearling Crampton, which headed that class, McCrae coming in second with Essex Prince, bred in Michigan, and 3rd with Gladstone Boy, one of Sibbald's breeding. Out of seven bull calves the winner was found in McCrae's Hawick, who was followed by the same owner's Drumlane, a dun with a light colored nose, a good bodied calf, and Aubrey, another of the same string. Sibbald's aged bull carried off the sweepstakes.

The competition among the aged cows for first place was very keen. Sibbald's World's Fair winner, Countess of Glencairn 3rd, still retains her conformation and excellence, although now well on in years, and she won the red ribbon, although the judges found it hard to get over the freshness and sweetness of the nicely turned Adela of Flamboro, a younger cow shown by McCrae. Sibbald's Duchess Louise 7th, a big framed cow, came 3rd. Among the three-year-olds were found the pick of all the females in McCrae's grand cow, Semiramis K 29th, which also repeated her last year's victory by again winning the sweepstakes for females. McCrae's second entry, Semiramis H. 29th, made a good 2nd, and Shaw's Wande of High Park, 3rd. There was another close fight in the two-year-old section. Here Shaw's fine Irvana beat McCrae's Rane 12th, with Lloyd Jones' Blanche of the Oaks 3rd, all three good ones. Yearlings and heifer calves were a capital lot. McCrae won 1st and 2nd and Shaw 3rd in both sections. The herd prizes went as follows: McCrae, Sibbald, Shaw. Some difficulty was found in placing them because the prizes in the other sections were pretty well divided up.

Awards.

Bull, three years old and upwards—1st John Sibbald, Annam; 2nd A. M. & R. Shaw, Brantford; 3rd D. McCrae, Guelph. Bull, two years old—1st T. L. Jones & Sons, Burford. Bull, one year old—1st J. Sibbald; 2nd and 3rd D. McCrae. Bull calves—1st, 2nd and 3rd D. McCrae. Bull of any age—1st J. Sibbald (Canadian Borderer). Cow, four years old and upwards—1st and 3rd J. Sibbald; 2nd D. McCrae. Cow, three years old—1st and 2nd—D. McCrae; 3rd A. M. & R. Shaw. Heifer, two years old—1st A. M. & R. Shaw; 2nd D. McCrae; 3rd T. L. Jones. Heifer, one year old—1st and 2nd D. McCrae; 3rd A. M. & R. Shaw. Heifer calf—1st and 2nd D. McCrae; 3rd A. M. & R. Shaw. Herd—1st D. McCrae; 2nd J. Sibbald; 3rd A. M. & R. Shaw. Female of any age—1st D. McCrae (Semiramis K 29th).

Judges—John Davidson, Collingwood; A. McNeill, Edgeley.

Devons.

A. Rawlings, Forest, and F. A. Fleming, Weston, judged the Devons. W. J. Rudd, Eden Mills, was the principal exhibitor. W. McD. Sturgeon, Deerhurst, showing only four head—one aged cow, a yearling bull, a two-year-old heifer and a yearling heifer.

Awards.

Bull, three years and upwards—1st W. J. Rudd, Eden Mills. Bull, two years old—1st W. J. Rudd; 2nd W. McD. Sturgeon, Deerhurst. Bull, one year old—1st and 2nd W. J. Rudd. Bull calf—1st W. J. Rudd. Bull, of any age—1st W. J. Rudd (Corqueror). Cow, four years old and upwards—1st and 3rd W. J. Rudd; 2nd W. McD. Sturgeon. Cow, three years old—1st W. J. Rudd. Heifer, two years old—1st W. J. Rudd; 2nd W. McD. Sturgeon. Heifer, one year old—1st W. J. Rudd; 2nd W. McD. Sturgeon. Heifer calf—1st and 2nd W. J. Rudd. Herd—1st W. J. Rudd. Female, of any age—1st W. J. Rudd.

Judges—A. Rawlings, Forest; F. A. Fleming, Toronto.

Fat Cattle.

These were judged by Thomas Crawford, M.P.P., and John Mallon, Toronto. There were a good number of entries all through, except in the section for steers three years old and upwards, which was not filled at all, but many of the animals entered did not respond to the call to appear for judgment. Walter Hall had a fine, ripe two-year old Angus steer forward, for which he secured 1st over J. Fried & Sons' entry, which was not so smooth. James Leask's steer was younger and not so fleshy. The latter named exhibitor had a great topped red in the next section, which repeated his victory as a calf last year. James Oke had a good roan and Fried a red of good style but not finished. Israel Groff had the leader in steer calves, a very nice white, which beat Leask's red by only a point or two. Oke's

entry came third. James Bowman's Polled Angus were the only two cows to show up, but they well deserved the red and blue tickets they got. A splendid even-fleshed roan secured premier honors for T. E. Robson in the section for heifers under four years, followed by two good ones shown by Fried & Sons. The latter won for pairs not entered in any other section with two red steers, Leask and Oke coming in second and third places, the former having two nice heifers.

Awards.

Steer, two years and under three—1st W. Hall, Washington; 2nd J. Fried & Sons, Roseville; 3rd J. Leask, Greenbank. Steer, one year old—1st J. Leask; 2nd J. Oke & Sons, Alvinston; 3rd J. Fried & Sons. Steer calf—1st J. Groff, Alma; 2nd J. Leask; 3rd J. Oke & Son. Cow, four years old or over—1st and 2nd James Bowman, Guelph. Heifer, under four years—1st T. E. Robson, Ilderton; 2nd and 3rd J. Fried & Sons. Pair of fat cattle, not entered in other sections—1st J. Fried & Sons; 2nd J. Leask; 3rd J. Oke & Son.

Judges—John Mallon and Thos. Crawford, M.P.P., Toronto.

Grade Cattle.

There were some splendid individuals among the grades shown. Leask's old light-roan cow beat Oke's nicely turned cow for honors in the "four-year-old and upwards" section. The same order was maintained for three-year-olds, but the competition was very close; both were reds. In two year-olds, Fried & Sons had a beautiful, thick heifer of high quality, which took first, Leask's two entries coming in second and third. This exhibitor had a splendid young thing in a red yearling heifer with a capital top and shoulders, good quality and length, which came to the front, the next two prizes going to Goodfellow Bros. and Jas. Rennie, both of whose heifers were of the right kind. In the next section we were quite unable to agree with the judge's awards, which gave the prizes to M. H. Nichols, Hamilton, J. Fried & Sons, and J. Oke & Sons. How Leask's beautiful heifer was overlooked we do not know, but we should have placed it first, Oke's second and Fried's third. Jas. Leask had an easy victory over Oke for four females, and the former's grand yearling heifer also rightly secured the sweepstakes, her competitor being Fried's fine roan, which put up a good fight.

Awards.

Grade cow, four years old and upwards—1st Jas. Leask, Greenbank; 2nd J. Oke & Sons, Alvinston. Cow, three years old—1st J. Leask; 2nd J. Oke & Sons. Heifer, two years old—1st J. Fried & Sons, Roseville; 2nd and 3rd J. Leask. Heifer, one year old—1st J. Leask; 2nd Goodfellow Bros. Macville; 3rd Jas. Rennie, Wick. Heifer calf under one year—1st M. H. Nichols, Hamilton; 2nd J. Fried & Sons; 3rd J. Oke & Sons. Four females, over one year old—1st Jas. Leask; 2nd J. Oke & Son. Female, of any age—1st J. Leask's yearling.

Judge—John I. Hobson, Mosboro.

Dairy Breeds.

Dairy cattle were out in great force, and, with the exception of Ayrshires and Guernseys, were above the average in point of numbers, while the quality was superb. The judging of all the dairy breeds was carried on in spite of the rain which fell during nearly all the day set apart for this work, and the judges deserve credit for sticking to their duties as they did.

Ayrshires.

Ayrshires came first on the catalogue of all the dairy breeds, and they were also the first to appear in the ring before the judges, F. S. Peer, Mt. Morris, N.Y., and Alf. Kains, Byron, Ont., who not only did their work promptly but did it well; and it would be a very critical person indeed who could find fault with their work to any extent. While it was rather an off year for this breed as regards numbers, a look at the names of the exhibitors who were forward will bear out the assertion that the quality was well up to the mark. Messrs. McCormack & Son, Smith of Fairfield Plains, J. W. Greenshields, and Keford & Co. were absent this year, but Manager Boden was present to watch proceedings and pick out likely winners.

The herds were judged first, as in all the dairy classes. R. G. Steacy, Lyn, won a well-merited first place with Carlyle of Lessnessock, White Rose of Alticane, May

Queen, Wylie 2nd of Lessnessock, and Beauty of Fairfield. Wm. Wylie, Howick, Que., came next with White Prince, Lily of Williamstown, White Glen of Holehouse, Sprightly of Carston, and Nellie Osborne 2nd. Glencairn of Burnside, Jean Armour, Moss Rose, Lady Ottawa, and White Rose carried third honors for Messrs. Stewart & Son, while A. Hume & Co.'s White Chief of St. Anne's, Eva of Barcheskie, Dairyman's Maid, Buttercup, and White Princess secured the white ribbon for that firm.

Aged bulls were a fine ring of six in number. Wm. Wylie's Silver Prince was selected for first honors, and well did he deserve them. He is a bull of capital type in every respect, especially on top, but is a little off his feet in consequence of too much stabling. He has previously figured two years running at the head of his class in Montreal. The blue ribbon was sent to Robert Davies' Oliver Twist of Barcheskie, a bull of many good points, who occupied the same position in this section last year. R. G. Steacy's two well-known imported bulls, Carlyle of Lessnessock, and Sensation of Maple Grove, which have often figured in the show-rings, the former frequently heading his class, came in 3rd and 4th. Several of their young stock came out prominently in the younger sections. In the two-year-old section, Stewart & Son's Glencairn of Burnside came in ahead of Wylie's imported Scotland's Glory, there being only these two entered. Steacy came well to the front in yearlings, winning 1st and 2nd premiums with Signal and Faultless of Maple Grove, both of a good sort. Hume & Co.'s Bruce made a good 3rd. Bull calves under a year old were an exceedingly even lot, and gave the judges a little trouble in coming to their decisions. Wylie's beautiful son of Napoleon 3rd of Auchenbrain was, however, a clear winner, but Stewart & Co.'s Remember the Maine gives every promise of running him close later on. This firm had also the 3rd and 4th prize winners in Hover-a-Blink and Miller o' the Dee. There were five younger bull calves, a smooth lot. Hume won 1st and 4th here, with Steacy 2nd and Stewart 3rd. The sweepstakes for bulls rightly went to Wylie's Silver Prince.

There was a grand array of aged cows, although all that entered did not put in an appearance. Steacy was strong here. His old-time winner White Rose of Alticane was soon picked out as a winner, her capital udder and conformation being hard to get over, although one would like to see her hind teats a little larger. Her companion, May Queen of Craighead, with better teats, but not so good an udder, was placed 4th. Messrs. Hume's Eva of Barcheskie, a cow of good dairy type, captured 2nd place over Stewart's Jean Armour, who has been a winner in previous years. The latter has the look of being a business cow, and has good-sized teats. Several other cows were highly commended. Messrs. Stewart's Lady Ottawa, which won as a yearling here in 1897, again headed her section as a three-year-old. Wm. Wylie's Sprightly of Carston, which stood 2nd, is a good one, but fails somewhat in her hind udder. R. Davies' Reid Lass came in 3rd. In the two-year-old class an outstanding winner was found in Wylie's Nellie Osborne 2nd of Burnside, a daughter of the famous old cow Nellie Osborne, and an exceedingly good one to boot, having a splendid development of udder and fine conformation. Stewart's White Rose 2nd, Wylie's Stately of Crosshouse and Steacy's Autumn Leaf 2nd of Maple Grove followed in the order named. In yearlings Wylie had a capital, well-developed heifer in Nora of Elm Shade, which caught the judges' eyes for 1st place. Hume's Eva's White Pearl had quality enough to put her 2nd, with a pretty pair of Stewart's, Little Queen 2nd and May Mitchell, 3rd and 4th. Steacy won 1st, 3rd and 4th for heifer calves under a year, Dyment being 2nd with Ruby 2nd of Hickory Hill. This section was a capital one, all the animals being of good quality. Hume & Co. won for young heifer calves, followed by Stewart, Dyment and Wylie. In the section for four animals, the progeny of one bull, all bred and owned by exhibitor, Stewart & Son came in 1st with the offspring of Dainty Lad of Elm Shade. Carlyle of Lessnessock was the sire of the four that won the blue ribbon for R. G. Steacy, while White Chief of St. Anne and Drum-

mond were the sires, respectively, of Hume's and Dyment's quartets. Steacy won again for four calves, these being by Sensation. Stewart, Wylie and Hume won the other three prizes in the order named. Steacy's White Rose of Alticane deservedly carried off the sweepstakes for females of any age.

Awards.

Bull, three years old and upwards—1st W. Wylie, Howick, Que.; 2nd R. Davies, Toronto; 3rd and 4th R. G. Steacy, Brockville. Bull, two years old—1st W. Stewart & Son, Menie; 2nd W. Wylie. Bull, one year old—1st and 2nd R. G. Steacy; 3rd A. Hume & Co., Menie. Bull calf—1st W. Wylie; 2nd, 3rd and 4th W. Stewart & Son. Bull calf, under six months—1st and 4th A. Hume & Co.; 2nd R. G. Steacy; 3rd W. Stewart & Son. Bull, of any age—1st, 4th and H. C., R. G. Steacy; 2nd A. Hume & Co.; 3rd W. Stewart & Son; H. C., W. Wylie. Cow, three years old—1st W. Stewart & Son; 2nd W. Wylie; 3rd R. Davies. Heifer, two years old—1st and 3rd W. Wylie; 2nd W. Stewart & Son; 4th R. G. Steacy. Heifer, one year old—1st W. Wylie; 2nd A. Hume & Co.; 3rd and 4th W. Stewart & Son. Heifer calf—1st, 3rd and 4th R. G. Steacy; 2nd N. Dyment, Clappison's. Heifer calf, under six months—1st A. Hume & Co.; 2nd W. Stewart & Son; 3rd N. Dyment; 4th W. Wylie. Four animals, get of one bull—1st W. Stewart & Son; 2nd R. G. Steacy; 3rd A. Hume & Co.; 4th N. Dyment. Four calves—1st R. G. Steacy; 2nd W. Stewart & Son; 3rd W. Wylie; 4th A. Hume & Co. Herd—1st R. G. Steacy; 2nd W. Wylie; 3rd W. Stewart & Son; 4th A. Hume & Co. Female, of any age—1st R. G. Steacy (White Rose of Alticane.)

Judges—F. S. Peer, Mt. Morris, N. Y.; Alf. Kauns, Byron.

Jerseys.

This breed was very strongly represented this year. In addition to the usual list of Canadian exhibitors, who were themselves reinforced by some new men, the ranks were increased by the Hood Farm, Lowell, Mass., and Miller & Sibley, Franklin, Pa., the latter of whom now seem to think that their round of fairs is not complete without making a circuit of the big Canadian exhibitions. Their herd was greatly weakened by the loss of three of their best cows from milk fever or some other disease before the judging, but they managed, in spite of all these discouragements, to win a good big share of the prize money.

It cannot be said that the judging was satisfactory, taken as a whole. The Judge, J. E. Robbins, Greensburg, Ind., had the merit of promptness, and did not keep the exhibitors waiting long for his decisions, but they were not always well received. Owing to the large number of entries in each section, there were not enough prizes to go round the meritorious ones, and many a good animal was left out. There was no disgrace, however, in not getting into the short leet in such company.

There was a fine class of nine aged bulls. Miller & Sibley's 200% was chosen for first honors, with the Hood Farm's Hood Farm Pogis second, Massey's Lord of Dentonia third, and R. Davies' Distinction's Golden fourth, all good bulls which have figured prominently in former show-rings. A very deep bull shown by Kenward, Woodstock, was unnoticed, as well as R. B. Smith's Belvoir King, which stood first last year in this section. Kozwin of St. Lambert, which was a strong favorite for first honors in 1898 as a yearling, although he did not get there, came in ahead in the two-year-old class. He is owned by Miller & Sibley. The Hood Farm was second with Brown Bessie's Son 10th, followed by Bull's Brampton Monarch (imp.), which was the first prize yearling a year ago. Smith, of Highfield, was fourth with Vice Regal. Yearlings were a splendid class, and many good ones were left out when the prizes were all awarded. Miller & Sibley again scored with Chancellor of Prospect, a first prize winner in 1898 as a calf, followed closely by the Hood Farm, who were second and fourth, and by R. B. Smith, who came in third. E. N. Fleming had a capital bull calf in Canada's Prince, a dark-colored bull of good quality. He is a son of Robert Davies' well-known Distinction's Golden, and has but one fault, a tendency to be a little heavy on the shoulder. He took the premier position, followed by Miller & Sibley's Banker of St. Lambert and W. E. H. Massey's two entries, Up-to-date and Dr. Perrin of Dentonia. The whole section was good. Kozwin of St. Lambert was the sweepstakes bull of all ages.

The aged cow class was very strong. There Robert Davies' fine cow Emerald's Daisy claimed first honors, the Hood Farm taking the next two places with Warna and Figgis. Phenomenon of Dentonia, shown by W. E. Massey stood one place lower than she did last year. Three-year-olds were a very good ring. 1st and 4th went to representatives of the Pennsylvania herd, 2nd to Messrs. Bull, and 3rd to the Lowell herd. Sensation of Dentonia was commended. Bull & Son had the best in the two-year-old class, Dolly's Pet of Brampton, a heifer with well-marked dairy qualities. R. B. Smith's Emerald's Rose which followed her was well worthy of the place, her udder development being good. Chromo 3rd of Hood Farm, and Dentonia's Good Fortune comprised the other two winners. An exceedingly good yearling of Miller & Sibley's Bellona of Prospect came to the front in that section, and later on captured the sweepstakes for females. This firm also had the second prize winner in Lilac of Prospect. The Hood Farm and the Brampton Herd completed the list of winners. No less than twenty heifer calves under the year faced the judge. A handsome youngster of the Prospect Farm came in with flying colors, followed by a stable companion, while Robert Davies' Golden Crocus, who greatly resembles her mother, the well-known Crocus, was 3rd, and Massey's entry 4th. R. Davies, Miller & Sibley, J. H. Smith and Bull & Son was the order of the younger heifer calves, while a nice quartet, the progeny of one bull also carried victory for Mr. Davies. He had the 2nd prize lot of four calves, as well, 1st here going to the Prospect Farm. The herd prizes went to Miller & Sibley, Hood Farm, W. E. H. Massey and R. Davies in the order named, although the majority of the onlookers thought that the contest for first honors lay between Massey and the Hood Farm.

Awards.

Bull, three years old and upwards—1st Miller & Sibley, Franklin, Pa.; 2nd Hood Farm, Lowell, Mass.; 3rd W. E. H. Massey, Toronto; 4th R. Davies, Toronto. Bull, two years old—1st Miller & Sibley; 2nd Hood Farm; 3rd B. H. Bull & Son, Brampton; 4th J. H. Smith, Highfield. Bull, one year old—1st Miller & Sibley; 2nd and 4th Hood Farm; 3rd R. B. Smith, Arkona. Bull calf, 1st E. N. Fleming, Toronto; 2nd Miller & Sibley; 3rd and 4th W. E. H. Massey. Bull of any age—1st Miller & Sibley (Kozwin of St. Lambert). Cow, four years old and upwards—1st R. Davies; 2nd and 3rd Hood Farm; 4th W. E. H. Massey. Cow, three years old—1st and 4th Miller and Sibley; 2nd B. H. Bull & Son; 3rd Hood Farm. Heifer, two years old—1st B. H. Bull & Son; 2nd R. B. Smith; 3rd Hood Farm; 4th W. E. H. Massey. Heifer, one year old—1st and 2nd Miller & Sibley; 3rd Hood Farm; 4th B. H. Bull & Son. Heifer calf—1st and 2nd Miller & Sibley; 3rd R. Davies; 4th W. E. H. Massey. Heifer calf, under six months—1st R. Davies; 2nd Miller & Sibley; 3rd J. H. Smith; 4th B. H. Bull & Son. Four animals, the progeny of one bull—1st R. Davies; 2nd Hood Farm; 3rd R. B. Smith; 4th B. H. Bull & Son. Four calves—1st Miller & Sibley; 2nd R. Davies; 3rd W. E. H. Massey; 4th Hood Farm. Herd—1st Miller & Sibley; 2nd Hood Farm; 3rd W. E. H. Massey; 4th R. Davies. Female of any age—1st Miller & Sibley (Bellona of Prospect).

Judge—J. E. Robbins, Greensburg, Ind.

Guernseys.

The only exhibitors of Guernseys were Wm. Butler & Son, Dereham Centre, who supplied one or two entries in every section. The sweepstakes for bulls was sent to King of Maple Hill, and that for females to Irene. The herd was got out in creditable shape.

Awards.

Bull, three years old and upwards—1st and 2nd W. Butler & Son, Dereham Centre. Bull, two years old—1st W. Butler & Son. Bull, one year old—1st W. Butler & Son. Bull calf—1st W. Butler & Son. Bull of any age—1st W. Butler & Son (King of Maple Hill). Cow, four years old and upwards—1st and 2nd W. Butler & Son. Cow, three years old—1st W. Butler & Son. Heifer, two years old—1st W. Butler & Son. Heifer, one year old—1st and 2nd W. Butler & Son. Heifer calf—1st W. Butler & Son. Heifer calf, under six months—1st and 2nd W. Butler & Son. Herd—1st W. Butler & Son. Female of any age—1st W. Butler & Son (Irene).

Judge—J. E. Robbins, Greensburg, Ind.

Holsteins.

This was a great year for the "black and whites" which were quite as numerous (116 in all) and superior in quality to what they were in the record year of 1897. The judge

was H. Van Dreser, Cobleskill, N.Y., who rattled off his decisions like a lightning picture artist. Promptness is an excellent thing in a judge, and pleases exhibitors when it is accompanied by thoroughness, but it is quite possible to sacrifice efficiency to speed, when the sections are as well filled as they were in this class.

Four aged bulls were forward. They included Count Mink Mercedes, shown by G. W. Clemons, St. George, a bull of fine quality and good frame; Flora's Beets Pietertje Netherland, entered by S. Macklin, Wicklow, a good handler; Messrs. Rice's Filigree's Clothilde Lincoln, a smooth one, and Jas. Rettie's Schuiling's Consel, one of a smaller build. The prizes went in the order named. Count Mink Mercedes also won the sweepstakes for bulls, as he did last year. Two-year-olds were also four in number. A son of Carmen Sylvia secured the red ticket for Gilroy & Son. C. M. Keeler, S. R. Beck, and A. & G. Rice came after in the order named. The latter's entry was looked on by some as worthy of a higher place. In yearlings there was an extra good one in Rettie's Worthmall 3rd's Sir Pietertje which easily stood first. Messrs. Rice owned the other two shown. Out of a very good lot of bull calves which varied considerably in age, the prize winners were found in the entries of Beck, Keeler, Clemons and Gilroy.

Of twenty-one entries in the aged cow section fourteen were present, and no fault could be found when 1st was sent to Rettie's Highland Cornelia, a cow with a nicely balanced udder and good quality, and 2nd to the fine old matron Carmen Sylvia, who has a knack of distinguishing herself in show-rings and milk tests. 3rd went to a cow purchased from the Ellis herd by C. M. Keeler, and 4th to another entry of Gilroy's. Clemons had two good cows unnoticed, Cornelia Artis and Inka Rose Pietertje De Kol, while Messrs. Rice's string was weakened by the death of one of their best cows from milk fever after its arrival on the grounds. Beck carried off the red and yellow ribbons for three-year-olds with Helen's sister and Reta (the latter a twin). They showed good udder development. Jas. Rettie came in 2nd, while Rice's well-known great milker Daisy Texal 2nd had to be satisfied with fourth place, and Clemons' first prize and sweepstakes winner at London and other shows last fall was not in the list. She had not calved and so did not show up so well. The whole section was a strong one. Macklin, Gilroy, Rice and Rettie was the order of winning in the two-year-old section. In the younger female divisions there was some dissatisfaction with certain of the decisions given. One of Carmen Sylvia's offspring again came to the front in the yearling heifer section. Jas. Rettie's Artis Mink Mercedes was 2nd, Clemons' entry 3rd and Rice's 4th. The four tickets for heifer calves not exceeding 12 months fell to Beck, Gilroy, Keeler and Rice and those for younger heifers to Clemons, Beck and Keeler, the latter for two entries. The judge was greatly pleased with the first prize calf in this section, as he might well be. Out of a number of fine quartets, the progeny of one bull, all bred and owned by exhibitor, the prizes were secured by S. R. Beck, Gilroy & Son, S. Macklin and G. W. Clemons. Seven herds paraded for inspection. Gilroy & Son received the red ticket, Jas. Rettie the blue, C. M. Keeler the yellow and G. W. Clemons the white. Jas. Rettie's Highland Comelin gained a victory over all competitors in the sweepstakes for females of any age.

Awards.

Bull, three years old and upwards—1st G. W. Clemons, St. George; 2nd S. Macklin, Wicklow; 3rd A. & G. Rice, Curries; 4th J. Rettie, Norwich. Bull, two years old—1st C. J. Gilroy & Son, Glen Buell; 2nd C. M. Keeler, Greenbush; 3rd S. R. Beck, South Cayuga; 4th A. & G. Rice. Bull, one year old—1st J. Rettie; 2nd and 3rd A. & G. Rice. Bull calf—1st S. R. Beck; 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, four years old and upwards—1st J. Rettie; 2nd and 4th C. J. Gilroy & Son; 3rd C. M. Keeler. Cow, three years old—1st and 3rd S. R. Beck; 2nd Jas. Rettie; 4th A. & G. Rice. Heifer, two years old—1st S. Macklin; 2nd C. J. Gilroy & Son; 3rd A. & G. Rice; 4th J. Rettie. Heifer, one year old—1st C. J. Gilroy & Son; 2nd J. Rettie; 3rd G. W. Clemons; 4th A. & G. Rice. Heifer calf—1st S. R. Beck; 2nd C. J. Gilroy & Son; 3rd C. M. Keeler; 4th A. & G. Rice. Heifer calf, under six months—1st G. W. Clemons; 2nd S. R. Beck; 3rd and 4th C. M.

Keeler. Four animals, progeny of one bull—1st S. R. Beck; 2nd C. J. Gilroy & Son; 3rd S. Macklin; 4th G. W. Clemons. Herd—1st C. J. Gilroy & Son; 2nd J. Rettie; 3rd C. M. Keeler; 4th G. W. Clemons. Female of any age—1st J. Rettie (Highland Cornelia).
Judge—H. Van Dreser, Cobleskill, N. Y.

Sheep.

The sheep department was in no wise behind any of the other live stock departments as regards both numbers and quality. Last year, it will be remembered, there was rather a slack display in some classes and some empty pens, but this was more than remedied this season, and some of the aisles had to be utilized as pens. A number of the exhibits were imported sheep that had earned their honors at the Royal and other British shows before coming out here, and, in consequence, the competition was unusually keen in many of the classes.

Cotswolds.

Cotswolds were a strong class containing several newly imported sheep. They were judged by T. Hardy Shore, Glanworth, and Thos. Teasdale, Concord. Jno. Park & Sons, Burgessville, had a good entry, all being homebred sheep. Their aged ram, which has good length, is well up in the neck, but was not too fleshy, and which carried 1st as a yearling here last year, came in 2nd. Their 3rd prize shearling ram is a well-wooled, compact sheep, while their 3rd prize ram lamb showed great quality and carried a good fleece, but like most of his exhibit was only in moderate trim. One of their aged ewes, which won 3rd, was a very nice topped sheep, and well covered, but her companion did not match her well, or the pair would have stood higher. Their shearling ewes and ewe lambs showed good quality. The Canadian pen prize and the special for four lambs went to this firm. Geo. Allen, Oriel, was very strong, having nine newly imported sheep in his string, and it is needless to say that they were a very fine lot, containing Royal winners. The first prize for aged rams went to his imported Garne sheep, second for shearling rams to the imported Holton sheep that was 2nd at the Royal, 2nd for ram lambs to a Gillett-bred lamb, while his 4th prize one was homebred. His 1st and 2nd prize shearling ewes were Royal winners, and were bred by Garne, while an imported pair of ewe lambs of Gillett's breeding came in 1st over the Royal winners shown by Watson. First for the open pen and 1st for the special pen went to Allen. A. J. Watson's exhibit contained six imported sheep, all Royal winners, being the shearling ram that won 1st here, a pair of shearling ewes, the ewe lambs that came in 2nd and the 1st prize ram lamb. They were nicely fitted. Besides these prizes Mr. Watson won 1st and 2nd for aged ewes and 2nd for the open pen, besides minor honors.

Awards.

Aged ram—1st Geo. Allen, Oriel; 2nd J. Park & Sons, Burgessville; 3rd A. J. Watson, Castlederg. Shearling ram—1st A. J. Watson; 2nd Geo. Allen; 3rd J. Park & Sons. Ram lamb—1st A. J. Watson; 2nd and 4th G. Allen; 3rd J. Park & Sons. Aged ewes—1st and 2nd A. J. Watson; 3rd J. Park & Sons. Shearling ewes—1st and 2nd G. Allen; 3rd J. Park & Sons. Ewe lambs—1st G. Allen; 2nd and 4th A. J. Watson; 3rd J. Park & Sons. Open pen—1st G. Allen; 2nd A. J. Watson. Canadian-bred pen—1st and 2nd J. Park & Sons. Special for flock—1st G. Allen. Pen of lambs—1st J. Park & Sons.

Judges—T. H. Shore, Glanworth; Thos. Teasdale, Concord.

Leicesters.

This breed made a good display although the exhibitors were fewer in number than usual (only three having entered their sheep), and the quality was of the best. A. W. Smith was not such a strong competitor as usual, as he had lost some of his best sheep before the show. He had no aged rams present. In shearling rams he secured 2nd and 3rd, both of them being of good type, with good backs and fleeces. His ram lamb was a well covered sheep and was placed 2nd. In the aged ewe class this exhibitor was invincible, winning 1st and 2nd, the first pair consisting of the well known Maple Lodge Minnie, who has been one of the pair that has won this position for five years and who

has been a prolific breeder as well. Her mate this time was a homebred sheep, deep, and with a well-covered back and nice fleece. The 2nd prize aged ewes were not much inferior to the other pair. Three out of the four in these pairs were in the pen of five that won the gold medal at Brantford last winter for Leicesters. The shearling ewes and ewe lambs were of nice quality. Mr. Smith won 1st for the Canadian-bred pen.

Whitelaw Bros., Guelph, won several first prizes including the open pen prize. Their aged ram that stood 2nd was a homebred one and of good quality. They showed an imported shearling ram of Lord Polwarth's breeding, that had just arrived from quarantine but he failed to get a place, while their Canadian-bred shearling, a particularly good one, came in at the head of the section. Altogether, this firm made an excellent display. J. M. Gardhouse had an extensive exhibit, outnumbering the other two exhibitors. His 1st prize aged ram, Try Me, has a capital back, well covered, and is very large and square. The 3rd prize aged ram is not so good on the back, but has plenty of character. A capital ram lamb with a grand loin and fleece got 3rd place. One of his aged ewes, a home-bred one, was especially good but was kept down by her companion not being quite so good on the loin. They won 3rd. His 2nd prize shearling ewes matched well, having typical heads and lots of quality. The ewe lambs were even, with the best of skins and fleeces. Mr. Gardhouse made a number of good sales during the exhibition.

Awards.

Aged rams—1st and 3rd, J. M. Gardhouse, Highfield; 2nd, Whitelaw Bros., Guelph. Shearling ram—1st, Whitelaw Bros.; 2nd and 3rd, A. W. Smith, Maple Lodge. Ram lamb—1st, Whitelaw Bros.; 2nd, A. W. Smith; 3rd and 4th, J. M. Gardhouse. Aged ewes—1st and 2nd, A. W. Smith; 3rd, J. M. Gardhouse. Shearling ewes—1st, Whitelaw Bros.; 2nd, J. M. Gardhouse; 3rd, A. W. Smith. Ewe lambs—1st, Whitelaw Bros.; 2nd and 4th, J. M. Gardhouse; 3rd, A. W. Smith. Open pen—1st, Whitelaw Bros.; 2nd, J. M. Gardhouse. Canadian-bred pen—1st, A. W. Smith; 2nd, J. M. Gardhouse.

Judges—J. E. Gaunt, St. Helens; Wm. McIntosh, Burgoyne.

Lincolns.

In previous years the competition in this class has usually been between Gibson & Walker, Denfield and Wm. Oliver, Avonbank. This year, however, Wm. Oliver was not present, although he had made some entries, but a new firm of exhibitors came out in the persons of J. H. & E. Patrick, Ilderton, who had one of the best fitted and best flocks of Lincolns ever seen on a show ground. Not only had they capital fleeces, skin and conformation, but, what one does not always see, they were of such an uniform type that to see one was to see all. They were in charge of James Brooks, who deserves credit for their careful fitting. Some of them were imported and some Canadian-bred. Their aged ram which headed his sections is a homebred one and was described by a New Zealand sheep-breeder, who visited the show, as being the most perfect type of a Lincoln as regards fleece and form that he had ever seen. Their 1st prize ram lamb won 1st at the Royal and 1st at Norfolk and is of Dean's breeding. Their aged and shearling ewes were all equally good, while the 1st and 2nd prize pairs of ewe lambs were composed of four imported ones, two from Dean and two from Wright. One of the Dean lambs won 1st at the Royal and is said to have been the best single individual of the breed shown there. This firm had in the pens a number of sheep shown unshorn, including an aged ram, and the length of their staple was a surprise to many.

Gibson & Walker, in spite of the strong competition managed to do very well. Besides some 2nd and 3rd prizes they secured first on shearling rams, 1st for Canadian-bred pen and 2nd for open pen. As usual, their exhibit showed good quality and were nicely fitted.

Awards.

Aged ram—1st and 3rd J. H. & E. Patrick, Ilderton; 2nd Gibson & Walker, Denfield. Shearling ram—1st and 3rd Gibson & Walker; 2nd J. H. & E. Patrick. Ram lamb—1st and 3rd J. H. & E. Patrick; 2nd and 4th Gibson & Walker. Aged ewes—1st J. H. & E. Patrick; 2nd and 3rd Gibson and Walker. Shearling ewes—

1st J. H. & E. Patrick; 2nd and 3rd Gibson & Walker. Ewe lambs—1st and 2nd J. H. & E. Patrick; 3rd and 4th Gibson & Walker. Open pen—1st J. H. & E. Patrick; 2nd Gibson & Walker. Canadian-bred pen—1st Gibson & Walker; 2nd J. H. & E. Patrick.

Judges—A. W. Smith, Maple Lodge; John Mitchell, Glencoe

Shropshires.

This was the banner class as regards numbers, and the quality, which is always good here, was advanced another notch. The competition was very keen and many a good sheep had to be returned to its pen without one of the coveted ribbons. In addition to the usual Canadian exhibitors there were present sheep from the famous Altamont Farm, Millbrook, N.Y., and from the Folly Farm, Abington, Pa. The prizes were somewhat divided up. John Campbell, Fairview, although he had lost one of his best imported shearling rams, once more led in the number of first prizes taken by any single exhibitor. His home-bred sheep beat Royal winners in the aged ram, shearling and aged ewe sections, and as there have never been so many Old Country winners at one time in a show ring on this continent, the results are eminently satisfactory to Mr. Campbell. Out of the 14 sheep shown by this exhibitor that figured in the first prize pens and sections ten were sired by the World's Fair winner, Newton Lad, whose get have for eight years in succession taken the red ribbon at Toronto. Among the first prizes won by this flock was the special for one ram, four ewes and two ewe lambs, bred by exhibitor, a premium which Mr. Campbell has won for seventeen years in succession with, perhaps, one exception. A ram that deserves special mention is the ram lamb that won in his section. He was bred by Foster-Harter, and was brought out this year.

D. G. Hanmer & Sons, Mt. Vernon, had a splendid exhibit of both home bred and imported sheep, and claimed a good share of the winnings. Their shearling ram Diamond Prince by, Diamond King, who was a first prize Royal winner in 1897 as a yearling, and this year as a two-year-old, came in first in his section. His head, carriage, skin and wool, and quality are excellent, while his weight is 285 lbs. He was bred by Alfred Tanner. 2nd, 3rd and 4th for ram lamb went to this flock for three imported sheep bred by Wm. Thomas, which were the choice of 300 lambs specially reserved for his own selection. A pair of aged ewes which captured 2nd were bred by these exhibitors. Their 2nd prize shearling ewes were imported, and were 1st at the Royal Counties' Show at Windsor this year. They are from R. T. Cooper's flock. 1st and 3rd for pairs of ewe lambs went to four imported Thomas lambs, which were again from a specially reserved lot. 2nd for the open flock went to Messrs. Hanmer, and 1st for the special for young flock, which they have won continuously for many years, except in 1898.

The Folly Farm had a great display of imported sheep which were brought over by Robt. Miller. Their aged ram which was placed 2nd, and which was imported last year, beat the 3rd prize Royal winner, which was shown by the same firm. They had the 2nd prize shearling ram, of Philo Mills' breeding, a prize winner in the Old Country. Their aged ewes, which were unplaced here, were 1st at the Highland show, and in the pen of ten that won 1st at the Royal last year. The yearling ewes that carried 1st and 3rd were of Philo Mills' stock and were all in the 1st prize pen at the Royal, while the ewe lambs, bred by Harding, were also out of the 2nd and 3rd prize pens at the same show. As this firm only showed imported sheep they could only show in the open pen section, where they came in first. The Altamont Farm's exhibit contained a number of choice well-covered sheep, but as most of their best ones were on circuit at American fairs, and the pasture at home was all dried up on account of the drought, they did not succeed in carrying off more than one 1st prize, that for aged rams, which fell to a sheep of great girth and good back, while one equally as good, of Bradburn's breeding, was unnoticed. A number of Royal, and Bath and West of England winners did not get into the prize list.

Awards.

Aged ram—1st G. H. Davison, Millbrook, N.Y.; 2nd Folly Farm, Abington, Pa.; 3rd John Campbell, Woodville. Shearling

ram—1st D. G. Hanmer & Sons, Mt. Vernon; 2nd Folly Farm; 3rd J. Campbell. Ram lamb—1st J. Campbell; 2nd, 3rd and 4th, D. G. Hanmer & Sons. Aged ewes—1st and 3rd J. Campbell; 2nd D. G. Hanmer & Sons. Shearling ewes—1st and 3rd Folly Farm; 2nd D. G. Hanmer & Sons. Ewe lambs—1st and 3rd D. G. Hanmer & Sons; 2nd Folly Farm; 4th J. Campbell. Open pen—1st Folly Farm; 2nd D. G. Hanmer & Sons. Canadian bred pen—1st J. Campbell. Special for flock—1st J. Campbell. Special for four lambs—1st D. G. Hanmer & Sons.

Judges—G. P. Everett, Mt. Vernon; W. G. Pettit, Freeman.

Oxford Downs.

There were four exhibitors of Oxford Downs—R. J. Hine, Dutton; J. H. Jull, Mt. Vernon; Smith Evans, Gourrock; and James Tolton, Walkerton; but the latter had only a ram lamb, a Royal winner, which got 3rd place. Like other breeds, Oxfords showed up better than ever before. Among Smith Evans' contingent was to be found the 1st prize aged ram, a capital sheep, that was imported as a lamb three years old. A nice homebred shearling ram of this exhibitor's stock came in 2nd in his section, and also won the Special offered by the American Oxford Down Association. In aged and shearling ewes Mr. Evans was very strong, winning 1st in both instances. Of the aged ewes one was imported, the other homebred; the shearling ewes were both imported ones and were 2nd last year as lambs. Both pen prizes went to Mr. Evans. R. J. Hine's aged ram, which is an imported Hobbs sheep, was not highly fitted, but was good enough for 2nd honors. Both 1st and 3rd prizes for shearling rams went to two of his imported animals; the former a grand sheep, bred by Hobbs, well covered, and with a capital head, that had lately come out of quarantine; the other was brought out last year as a lamb, being out of the Royal winning pen. Mr. Hine had the pick of the 1st prize pen of ram lambs at the Royal, bred by Reading, a beautiful well-grown sheep, standing well on his legs, which could not be beaten for 1st place. This exhibitor's aged ewes were also imported ones. They won 1st as yearlings in 1898, and one of them carried off the diploma at the London fair. A pair of homebred shearling ewes had the honor of winning 2nd prize over an imported pair of the same owner. A beautiful pair of Royal winners carried off 1st in the ewe lamb section. Both prizes in the American Special for yearling ewes fell to Mr. Hine's flock.

J. H. Jull's sheep were mostly homebred, but were all good, typical sheep. He won the Special for four lambs of either sex; his ram lamb beat Tolton's imported lamb for 2nd place, and his pair of ewe lambs also beat an imported pair, winning the blue ribbon. His yearling ewes were the only imported sheep he showed. They came in 3rd. He sold a number of sheep during the show.

Awards.

Aged ram—1st, Smith Evans, Gourrock; 2nd, R. J. Hine, Dutton; 3rd, J. H. Jull, Mt. Vernon. Shearling ram—1st and 3rd, A. J. Hine; 2nd, Smith Evans. Ram lamb—1st, R. J. Hine; 2nd, J. H. Jull; 3rd, Jas. Tolton, Walkerton. Aged ewes—1st, Smith Evans; 2nd, R. J. Hine; 3rd, J. H. Jull. Shearling ewes—1st, Smith Evans; 2nd, R. J. Hine; 3rd, J. H. Jull. Ewe lambs—1st, R. J. Hine; 2nd, J. H. Jull; 3rd, Smith Evans. Open pen—1st, Smith Evans; 2nd, R. J. Hine. Canadian bred pen—1st, Smith Evans; 2nd, J. H. Jull. Specials: Yearling ram—1st, Smith Evans; 2nd, R. J. Hine. Yearling ewe—1st and 2nd, R. J. Hine. Four lambs—1st, J. H. Jull; 2nd, Smith Evans.

Judges—Henry Arkell, Arkell; Simeon Lemon, Kettleby.

Hampshires.

The only exhibitor of this breed was Dr. Fasben, Paris, who showed a well-grown yearling ram, four shearling ewes that were commended at the Royal, and two ewe lambs, all bred by Lord Carnarvon. This exhibit, though small, was good, and we are pleased to welcome the doctor among the exhibitors of sheep, for the Hampshire breed, although too little known in this country, is among the most valuable breeds in Great Britain. He received prizes for all he showed.

Southdowns.

The Southdown exhibit was better than ever. Those veteran showmen, John Jackson & Sons, were particularly strong, having a number of imported and Royal winners present. In aged rams, however, one of their homebred sheep beat an imported one, thus reversing last year's de-

cision. Both sheep are very even, and there is not much to pick between them. The 1st prize one is by the 1st prize ram and out of the sweepstakes ewe at the World's Fair. Their 1st prize shearling ram was bred by Adeane, and was 4th at the Royal. He has a capital back, fleece, and typical head. Adeane also bred the 1st prize ram lamb, while the 2nd and 4th ones are homebred. The two pairs of aged ewes that came in 1st and 3rd are homebred, while the 1st prize Royal and Royal Counties shearling ewes were 2nd here, with a homebred pair 3rd. A grand pair of ewe lambs, 2nd prize winners at the Royal, headed their section, the 3rd and 4th prizes going to homebred sheep. Both the open and Canadian bred pens went to Messrs. Jackson. W. E. & G. L. Telfer made a good fight in this strong class, and though they only won one 1st, that in the section for shearling ewes, they made a good 2nd all through. Their homebred aged ram is a very straight sheep and good behind. A Pagharn Harbor-bred shearling ram with a great loin and top, capital neck and shoulder and good end made a strong fight for 1st place. Their 3rd prize ram lamb was very neat. Their aged ewes were capital handlers and came in 2nd. Their shearling ewes were imported, and, though not Royal winners, were awarded 1st here over Messrs. Jackson's Champion Royal winners. They are a splendid, thick pair. Their ewe lambs imported from Ashley D. Potter's flock showed splendid quality, their skin and fleece and conformation being very good. Robt. Shaw & Son had a few sheep entered, and won 3rd for a shearling ram.

Awards.

Aged ram—1st and 2nd J. Jackson & Sons, Abingdon; 3rd W. E. & G. L. Telfer, Paris. Shearling ram—1st J. Jackson & Sons; 2nd W. E. & G. L. Telfer; 3rd Robt. Shaw & Son, Glanford Station. Ram lamb—1st, 2nd, and 4th J. Jackson & Sons; 3rd W. E. & G. L. Telfer. Aged ewes—1st and 3rd J. Jackson & Sons; 2nd W. E. & G. L. Telfer. Shearling ewes—1st W. E. & G. L. Telfer; 2nd and 3rd J. Jackson & Sons. Ewe lambs—1st, 3rd, and 4th J. Jackson & Sons; 2nd W. E. & G. L. Telfer. Open pen—1st J. Jackson & Sons; 2nd W. E. & G. L. Telfer. Canadian-bred pen—1st J. Jackson & Sons; 2nd W. E. & G. L. Telfer.

Judges—R. Gibson, Delaware; E. Jeffs, Bond Head.

Dorset Horn Sheep.

M. N. Empey, Napanee, who showed a few head of this breed in 1897 came out very strong this year, especially in females, and won a large share of the prize money, including 1st for both the open and Canadian-bred pens. His sheep are mostly of McGillivray, Hector and Cochrane blood. His aged ram, a homebred one, came in 2nd and his imported shearling ram, a 2nd prize Royal winner of Flower's breeding, was also 2nd. A nice pair of homebred aged ewes came in 1st, and an imported pair of shearling ewes, also of Flower's stock, headed their section, while a homebred pair of ewe lambs of good conformation did the same thing in their class. John A. McGillivray had a fine lot of sheep present and won 1st on aged rams, 2nd on pen and other 2nd prizes. Especial mention should be made of one of his aged ewes, a splendid sheep, the best female on the grounds, but her mate with which she was shown was not so good and so brought them both down to 2nd place. R. H. Harding had a well-fitted lot of sheep, including a capital shearling ram that won first honors in his section and a pair of shearling ewes. Jas. Bowman had a grand ram lamb that carried off the red ribbon.

Awards.

Aged ram—1st J. A. McGillivray, Uxbridge; 2nd M. N. Empey, Napanee; 3rd R. H. Harding, Thorndale. Shearling ram—1st R. H. Harding; 2nd M. N. Empey; 3rd J. A. McGillivray. Ram lamb—1st Jas. Bowman, Guelph; 2nd J. A. McGillivray; 3rd M. N. Empey. Aged ewes—1st M. N. Empey; 2nd and 3rd J. A. McGillivray. Shearling ewes—1st M. N. Empey; 2nd R. H. Harding; 3rd J. A. McGillivray. Ewe lambs—1st M. N. Empey; 2nd J. A. McGillivray; 3rd R. H. Harding. Open pen—1st M. N. Empey; 2nd J. A. McGillivray. Canadian-bred pen—1st M. N. Empey; 2nd J. A. McGillivray.

Judges—M. A. Cooper, Washington, Pa.; J. Jackson, Abingdon.

Merinos.

The competition in this class generally lies between W. M. & J. C. Smith, Fairfield Plains, and Robt. Shaw &

Sons, Glanford Station, but this year a new competitor came out in Geo. Harding & Son, Waukesha, Wis., who showed Rambouillet Merinos, and won every 1st prize but one. Messrs. Shaw won one 1st prize, all the 2nd prizes but two, and Messrs. Smith headed the class for shearling ewes.

Awards.

Aged ram—1st Geo. Harding & Sons, Waukesha, Wis.; 2nd R. Shaw & Son, Glanford Station; 3rd W. M. & J. C. Smith, Fairfield Plains. Shearling ram—1st Geo. Harding & Son; 2nd R. Shaw & Son; 3rd W. M. & J. C. Smith. Ram lamb—1st G. Harding & Son; 2nd W. M. & J. C. Smith; 3rd R. Shaw & Son. Aged ewes—1st and 2nd R. Shaw & Son; 3rd W. M. & J. C. Smith. Shearling ewes—1st W. M. & J. C. Smith; 2nd and 3rd, G. Harding & Son. Ewe lambs—1st G. Harding & Son; 2nd R. Shaw & Son; 3rd W. M. & J. C. Smith. Pen—1st G. Harding & Son; 2nd R. Shaw & Son.

Judge—Rock Bailey, Union.

Fat Sheep.

Gibson & Walker won 1st for two fat wethers of the long-wooled breed; Geo. Allen was 2nd, and John Park & Sons 3rd. In the short-wooled class the Folly Farm came 1st, with John Campbell 2nd, and John Jackson & Sons 3rd.

Swine.

Nothing like the display of swine to be found in the pens has ever been seen at Toronto before, and we question whether there has been a better or larger display at any show either on this side of the water or in the Old Land. Tamworths led in point of numbers with 181 entries, Berkshires came next with 116, just beating the Yorkshires by 4, while the other breeds were not so largely represented. The pens, although two new ones were erected this year, proved much too small to accommodate the 611 entries, and consequently two temporary ones had to be run up hastily in order to shelter the overplus, and, even then, some pigs had to be sent home for want of room.

Berkshires.

While there was a full list of Canadian breeders in this class, the numbers were further swelled by a large and excellent entry made by the Hood Farm, Lowell, Mass. Even without these, the show was a grand one, but we were glad to welcome our American cousins, and congratulate them on their winnings.

George Green, Fairview, had, as usual, an excellent exhibit. His aged boar, King Highclere, who has repeatedly won before, secured the red ribbon, to which his smoothness and great length entitled him. In yearling boars Green was 3rd with a pig of great quality out of Snell's Highclere 9th, which was purchased for a high figure by Mr. Gentry last year. This exhibitor had a good lengthy boar 10½ months old which was placed third. A deep, aged sow, Model Lady, secured 3rd prize in her section in competition stronger than usual. The sow won here as a yearling in 1898. Green's Highclere came to the front in the yearling class. She won the sweepstakes at Brantford last winter over all breeds, and her smoothness, length and depth again placed her at the top. The Fairview herd were 2nd for the herd prize with King Highclere, Green's Highclere and Model Lady.

Snell & Lyons, Snelgrove, showed fifteen head, but had no aged or yearling boars. They had a very lengthy, thick boar under twelve months old, however, Norval Hero, by Hiawatha, with Baron Lee and Enterprise blood in his veins, which headed that section. Their 3rd prize boar, under six months, is a nice, straight, even pig, with good hams. He is out of Morning Mist, the aged sow shown by this firm, which proved the winner in her class. Her great depth, bloom, even width on back and her carriage placed her there. She also won 1st with four of her youngsters in the section for sow and four of her produce. The 2nd prize sow, under six months, a pig of nice type, was also from her. Baron Lee blood was again in evidence when Evelyn Highclere won 2nd in the yearling sow section. Like the others, she has good depth and length. All the Hood Farm's exhibit were homebred, and were brought out in high condition. The type of pig they showed

was somewhat different to what our breeders are aiming after, being shorter and thicker, the bacon hog type not being popular as yet on the other side of the line, although they will have to come to it in time if they want to retain a market in Great Britain for their bacon. As the judges at this show were judging by the bacon type the Hood Farm's pigs did not get such recognition at their hands as they would have obtained two years ago; but even as it was, they won a fair share of the prize money. Their aged boar, Longfellow of Hood Farm, who is out of a full sister of Baron Lee 4th, came in 3rd, while 1st and 2nd for yearling boars went to Duke of Hood Farm and Highclere King. The former headed the 1st prize herd here with Highclere Countess 9th, a deep smooth sow, who won 2nd in her section, and Highclere 7th, who won 2nd for sows under twelve months. Their 2nd prize boar under the year is out of Manor Poem B., a full sister of Lord Windsor, which won 1st at the World's Fair.

Thos. Teasdale, as usual, was strong in young things. First for boars under six months and 1st and 3rd for sows of the same age went to him, for a smooth, even trio of lengthy pigs, of good type. His aged boar, Halle, won 2nd for boar and four of his get; and his aged sow, Gypsy, the same honor for sow and four of her progeny, the latter comprising the first prize boar and 1st and 3rd prize sows under six months. T. A. Cox had the 3rd prize yearling sow, one of a good sort, and some very good aged pigs, which did not get placed. First and third for sows under twelve months old went to this herd. P. W. Boynton & Son had an aged boar which was good enough to win 2nd honors. A. J. Watson, Chris. Fahner, Wm. Ruddock and Colwell Bros., had pigs entered but did not appear in the prize list.

Awards.

Aged boar—1st George Green, Fairview; 2nd P. W. Boynton & Son, Dollar; 3rd Hood Farm, Lowell, Mass. Boar, one year old—1st and 2nd, Hood Farm; 3rd G. Green. Boar, under twelve months—1st Snell & Lyons, Snelgrove; 2nd Hood Farm; 3rd G. Green. Boar, under six months—1st and 2nd Thos. Teasdale, Concord; 3rd Snell & Lyons. Aged sow—1st Snell & Lyons; 2nd Hood Farm; 3rd G. Green. Sow, one year old—1st G. Green; 2nd Snell & Lyons; 3rd T. A. Cox, Brantford. Sow, under twelve months—1st and 3rd T. A. Cox; 2nd Hood Farm. Sow, under six months—1st and 3rd Thos. Teasdale; 2nd Snell & Lyons. Herd—1st Hood Farm; 2nd G. Green. Boar and four of his get—1st G. Green; 2nd Thomas Teasdale. Sow and four of her produce—1st Snell & Lyons; 2nd Thomas Teasdale.

Judges—Joseph Featherston, M.P., Streetsville; J. J. Ferguson, Smith's Falls.

Yorkshires.

The display of Yorkshires was excellent. The exhibitors in this class were J. E. Brethour, D. C. Flatt, J. Featherston & Sons, E. Dool, L. Rogers, R. J. Duck & Son, John Hord & Son, Colwell Bros., W. J. Howard and A. Wright.

J. E. Brethour, always strong in Yorkshires, had this year an extra good contingent out. First for aged boars went to Oak Lodge Conqueror, a wonderfully smooth pig for his age, while his length, depth, back and hams are of the best. He was not overdone and came out ahead for boar and four of his get, and headed the herd as well that won first. He is certainly one of the best boars of the breed, judged from the bacon type, that we have seen. Oak Lodge Challenge carried 1st for yearling boars, as he did in his section last year. His length, deep sides and ample hams entitle him to this position. This exhibitor's 3rd prize sow, under twelve months, is by the imported Royal winning boar and out of an imported sow. Lady Mollington (imp.), who traces back to Walker Jones' stock, which she resembles, has great depth of side, evenness of back and quality. She came in ahead in the aged class, followed by Oak Lodge Mite 6th, another of the smooth kind and of good type. The pick of the females in this lot, however, was the yearling sow Oak Lodge Cinderella, a fine model. The younger sows that won were all of a good sort.

D. C. Flatt, Millgrove, was very successful for a new exhibitor. His exhibit comprised a number of pigs lately imported, which will show up better another year. In aged boars he was placed 2nd and 3rd, with Hesketh, J.R., and Look-Me-Over, the latter the first prize yearling boar in 1898 when shown by R. G. Martin. He was a better pig

than his companion. He has length and good rib, and stands well on his legs. This exhibitor's 1st prize boar under the year shows great quality and length. A sow of good type, deep, long and a good breeder, got no higher than 3rd place in the aged sow section. Among other good ones were the 2nd prize yearling sow, which was nursing a litter of pigs, and the 1st prize sows under twelve and under six months, the latter especially of beautiful quality and conformation.

Jos. Featherston & Sons were not as strong as usual this year especially in aged boars. Their yearling boar secured 3rd prize. He has the required length but was not very well fitted. Their 1st and 2nd prize young boars under six months old were a very choice pair, the first prize one being particularly smooth. Among the females were a pair of aged sows of good quality, a pair of yearlings, one being the mother of the young boars that won 1st and 2nd and a number of younger things. L. Rogers' aged boar who, except for being rather short, is good, won 2nd. This exhibitor had several nice youngsters as well. Duck & Son won 3rd for sows under six months. E. Dool did very well considering the competition, winning 3rd for a young boar not six months old, and 2nd for a young sow of the same age, both of prime quality.

Awards

Aged boar—1st, J. E. Brethour, Burford; 2nd and 3rd D. C. Flatt, Millgrove. Boar, one year old—1st J. E. Brethour; 2nd L. Rogers, Cooksville; 3rd J. Featherston & Sons, Streetsville. Boar, under twelve months—1st and 2nd D. C. Flatt; 3rd J. C. Brethour. Boar, under six months—1st and 2nd J. Featherston & Sons; 3rd E. Dool, Hartington. Aged sow—1st and 2nd J. E. Brethour; 3rd D. C. Flatt. Sow, one year old—1st and 3rd J. E. Brethour; 2nd D. C. Flatt. Sow, under twelve months—1st, D. C. Flatt; 2nd and 3rd J. E. Brethour. Sow, under six months—1st D. C. Flatt; 2nd E. Dool; 3rd R. T. Duck & Son. Herd—1st and 2nd J. E. Brethour. Boar and four of his get—1st J. E. Brethour; 2nd J. Featherston & Sons. Sow and four of her produce—1st J. Featherston & Sons; 2nd J. E. Brethour.

Judges—Maj. Hood, Guelph; Wm. Jones, Zenda.

Tamworths.

In such an enormous exhibit of pigs as were out in this class, it was to be expected, considering the excellence of the various contingents, that the prizes should be pretty well distributed, and so we found it to be. And not only were the awards scattered but the pigs themselves were to be found distributed in various pens, making it hard to get a view of all of them. An effort should be made by the Swine Superintendent to keep each breed as nearly together as possible.

Norman M. Blain had a nice lot all home-bred. His aged boar, that won 1st as a yearling in '98, a pig of great depth, good on the shoulders and in hams, claimed the blue ribbon. His aged sow, a pig of excellent type and full sister to the aged boar, won in her section and also 1st with her progeny. A yearling sow that won 1st prize all over last year, including first honors at the Brantford Fat Stock Show, only got 2nd place, as did a sow under a year old. Of the younger stock there were four capital young sows and a young boar under six-months-old the latter of which won 3rd, while the sows figured in the bacon class and as progeny. John C. Nichol's Amber Luther once more won 1st in the aged section. A very lengthy boar, Prince Joe, not a year old, claimed 3rd honors in his class, while in aged sows this firm were strong with Elmdale Beauty, which secured 2nd. Last year her place was first. Mr. Nichol also captured 3rd with Delilah, a well-grown deep yearling sow. A. C. Hallman's yearling imported boar, British King, headed his class. He has a good top and bone and is deep, but might be longer. A yearling sow of dark color, Bronze Bell 2nd, is of the required type, very deep and not too heavy on the shoulder and back. Several sweet young things, including a homebred eight-months-old boar, were to be seen in Mr. Hallman's pens. Andrew Elliott had the 2nd prize boar under a year and the 3rd prize yearling boar. The former shows good bone and nice top but might be deeper; the latter has more depth, a good top and hams, but is somewhat deficient in

length. J. B. Twiss out of three pigs shown secured 3rd on aged sows and 1st on sows under a year. J. R. Newell's sow, under six months, won 1st in a class of forty. N. F. Selby's winnings were 2nd for boar under six months, a fine one; 2nd for sow of same age; and 2nd for sow and four of her produce. Colwill Bros. had a young boar under six months that won 1st. H. George & Sons were weakened by the loss of some pigs in a railroad accident but secured 1st for boars under a year, 3rd for aged boars, and 3rd for sows under a year and under six months. Hord & Son showed a good yearling boar and captured 2nd with him. Others who exhibited were W. S. Hawkshaw & Son, R. J. & A. Laurie, A. Wright and C. Nurse.

Awards.

Aged boar—1st J. C. Nichol, Aubrey; 2nd Norman M. Blain, St. George; 3rd H. George & Sons, Crompton. Boar, one year old—1st A. C. Hallman, New Dundee; 2nd J. Hord & Son, Parkhill; 3rd A. Elliott & Son, Galt. Boar, under twelve months—1st H. George & Sons; 2nd A. Elliott & Son; 3rd J. C. Nichol. Boar, under six months—1st Colwill Bros., Newcastle; 2nd N. F. Selby, Newcastle; 3rd N. M. Blain. Aged sow—1st N. M. Blain; 2nd J. C. Nichol; 3rd J. B. Twiss, Bunbrook. Sow one year old—1st A. C. Hallman; 2nd N. M. Blain; 3rd J. C. Nichol. Sow, under twelve months—1st J. B. Twiss; 2nd N. M. Blain; 3rd H. George & Sons. Sow, under six months—1st J. R. Newell, Crompton; 2nd N. F. Selby; 3rd H. George & Sons. Herd—1st N. M. Blain; 2nd J. C. Nichol. Boar, and four of his get—1st J. C. Nichol; 2nd N. F. Selby. Sow, and four of her produce—1st N. M. Blain; 2nd N. F. Selby.

Judges—Major Hood, Guelph; Wm. Jones, Zenda.

Poland Chinas.

This breed was not up to the mark in point of numbers, there being only two exhibitors out. W. & H. Jones, Mt. Elgin, had a fine lot of animals of an even type, and won the bulk of the prizes as will be seen by the prize list. Their first prize aged boar Lennox is home-bred. The pick of their boars is the yearling Klondike, who was imported in dam from Bryant, of Indiana. Among the sows were a pair of very equal yearling ones with grand tops and lower lines, one being especially deep and standing well on her feet. W. M. & J. C. Smith had a stronger string out than last year, but Jones' herd was too much for them. They won 1st for boars under the year and a number of thirds.

Awards.

Aged boar—1st and 2nd W. & H. Jones, Mt. Elgin; 3rd W. M. & J. C. Smith, Fairfield Plains. Boar, one year old—1st 2nd and 3rd W. & H. Jones. Boar, under twelve months—1st and 3rd W. M. & J. C. Smith; 2nd G. W. & H. Jones. Boar under six months—1st and 2nd W. & H. Jones; 3rd W. M. & J. C. Smith. Aged sow—1st and 2nd W. & H. Jones; 3rd W. M. & J. C. Smith. Sow, one year old—1st and 2nd, W. & H. Jones; 3rd, W. M. & J. C. Smith. Sow, under twelve months—1st and 2nd W. & H. Jones; 3rd W. M. & J. C. Smith. Sow, under six months—1st and 2nd W. & H. Jones; 3rd W. M. & J. C. Smith. Herd—1st and 2nd W. & H. Jones. Boar, and four of his get—1st and 2nd W. & H. Jones. Sow, and four of her produce—1st and 2nd W. & H. Jones.

Judges—J. Featherston, M.P., Streetsville; J. J. Ferguson, Smith's Falls.

Chester Whites.

The competition in this class lay between H. George & Sons, Crompton, and Wm. Butler & Son, Dereham Centre, with single animals shown by Jos. H. Smith, Highfield, and W. E. Wright, Glanworth. H. George & Sons were strongest and won most of the first prizes including those for herd, and boar and four of his get. Wm. Butler & Son carried 1st and 2nd honors for aged sows, 1st and 2nd for sows under six months, and 1st for sow and four of her produce, besides other 2nd and 3rd prizes. W. E. Wright won 2nd for boar under twelve months, and Jos. H. Smith was 3rd in the same section.

Awards.

Aged boar—1st H. George & Sons, Crompton; 2nd and 3rd Wm. Butler & Son, Dereham Centre. Boar, one year old—1st H. George & Sons; 2nd and 3rd W. Butler & Son. Boar, under twelve months—1st H. George & Sons; 2nd W. E. Wright, Glanworth; 3rd J. H. Smith, Highfield. Boar, under six months—1st H. George & Sons; 2nd and 3rd W. Butler & Son. Aged sow—1st and 2nd W. Butler & Son; 3rd H. George & Sons. Sow, one year old—1st and 3rd H. George & Sons; 2nd W. Butler & Son. Sow, under twelve months—1st and 2nd H. George & Sons; 3rd W. Butler & Son. Sow, under six months—1st and 2nd W. Butler & Son; 3rd H. George & Sons. Herd—1st H. George & Sons; 2nd W. Butler & Son. Boar, and four of his get—1st H. George & Sons; 2nd W. Butler & Son. Sow, and four of her produce—1st W. Butler & Son; 2nd H. George & Sons.

Judges—J. Featherston, M.P., Streetsville; J. J. Ferguson, Smith's Falls.

Duroc Jerseys.

Tape Bros. had it all their own way as regards the red ribbons in this class, winning every one. We notice a great improvement in the style of these pigs this year, their breeders bringing them more into line with the bacon type now required. Wm. Butler & Son had a number of pigs present and won some 2nd and 3rd prizes. W. M. & J. C. Smith had a couple of entries, a yearling boar and a yearling sow, both of which won 3rd in their respective sections.

Awards.

Aged boar—1st and 3rd Tape Bros., Ridgetown; 2nd W. Butler & Son, Dereham Centre. Boar, one year old—1st and 2nd Tape Bros.; 3rd W. M. & J. C. Smith, Fairfield Plains. Boar, under twelve months—1st and 2nd Tape Bros.; 3rd W. Butler & Son. Boar, under six months—1st Tape Bros.; 2nd and 3rd W. Butler & Son. Aged sow—1st and 2nd Tape Bros.; 3rd W. Butler & Son. Sow, one year old—1st and 2nd Tape Bros.; 3rd W. M. & J. C. Smith. Sow, under twelve months—1st 2nd and 3rd Tape Bros. Sow, under six months—1st 2nd and 3rd Tape Bros. Herd—1st and 2nd Tape Bros. Boar, and four of his get—1st Tape Bros. Sow, and four of her produce—1st Tape Bros.

Judges—J. Featherston, M.P., Streetsville; J. J. Ferguson, Smith's Falls.

Other Distinct Breeds.

In this class were shown Suffolks, Essex and Victorias. Jos. Featherston & Sons exhibited both Suffolks and Essex; T. A. McClure, Essex; John Hord & Son, Suffolks; and Chris. Fahner, Victorias. All figured in the prize list which is given in detail below.

Awards.

Boar, over one year—1st Chris. Fahner, Crediton; 2nd and 3rd J. Featherston & Sons, Streetsville. Boar, under twelve months—1st T. A. McClure, Meadowvale; 2nd J. Hord & Son, Parkhill; 3rd C. Fahner. Boar, under six months—1st C. Fahner; 2nd J. Hord & Son; 3rd T. A. McClure. Sow, over one year—1st J. Featherston & Sons; 2nd C. Fahner; 3rd J. Hord & Son. Sow, under twelve months—1st J. Featherston & Sons; 2nd T. A. McClure; 3rd J. Hord & Son. Sow, under six months—1st C. Fahner; 2nd and 3rd J. Featherston & Sons. Herd, 1st J. Featherston & Sons; 2nd C. Fahner.

Judges—Major Hood, Guelph; Wm. Jones, Zenda.

Export Bacon Hogs.

This was a new class this year and was well patronized by the breeders, both sections having numerous entries. In the pure-bred class, open to all breeds, J. C. Brethour won 1st with a capital quartet of Yorkshires. N. F. Selby's Tamworths were good enough for 2nd honors, with N. M. Blain's Tamworths 3rd, E. Dool's Yorkshires 4th, and Wm. Ruddock's Berkshires 5th, all the winners being of a suitable bacon type. In the section open to pure-breds, grades, or crosses, J. E. Brethour won with the same pigs; T. A. Cox, Berkshire-Tamworths were 2nd; E. Dool's Yorkshires 3rd; J. C. Nichol's Tamworths 4th; and A. C. Hallman's Tamworths 5th. These classes proved very instructive. They were judged by Jas. Leach, of the Wm. Davies Co., Toronto, and C. C. L. Wilson, of the Ingersoll Packing Co., Ingersoll, Ont.

Awards.

Pen of four purebreds most suitable for export bacon—1st J. E. Brethour, Burford; 2nd N. F. Selby, Newcastle; 3rd N. M. Blain, St. George; 4th E. Dool, Hartington; 5th—Wm. Ruddock, Port Credit; Pen of four hogs of any breed, cross or grade, most suitable for export bacon—1st J. E. Brethour, Burford; 2nd T. A. Cox, Brantford; 3rd E. Dool; 4th J. C. Nichol, Hubrey; 5th A. C. Hallman, New Dundee.

Judges—Jas. Leach, Toronto; C. C. L. Wilson, Ingersoll.

The Dairy Exhibit.

The exhibit in the dairy building this year was a banner one. The display of dairy appliances, etc., was the best ever seen at any agricultural fair in Canada. This department together with the exhibit of dairy products formed one of the most attractive exhibits on the grounds. It is really too bad that so fine a display representative of one of Canada's most important industries had not better accommodation, and it is to be hoped that some change for the better will take place before another year.

Cheese.

There were 100 boxes more cheese shown this year than last and the quality was very much superior. The judge, Mr. A. F. MacLaren, M.P., reported the average quality of the cheese to be very much superior to any previous exhibit he has judged at Toronto. (Mr. MacLaren has been the judge on cheese at the Industrial Fair for several years back.) There was a more even and better flavor, and the whole exhibit is suggestive of the marked improvement that has taken place in the quality of Canadian cheese this season. The chief fault with last year's exhibit was in the flavor and it is very gratifying to know that an improvement has been made in this particular line. The exhibits were well finished and presented a neat and tidy appearance. The total number shown was 400 boxes as compared with 300 boxes last year.

Awards.

Section 1—Best 4 factory cheese, June and July make (colored)—1, W. A. McLaren, Avening; 2, W. J. Atkinson, Kintore; 3, Wm. Colbert, Lavender; 4, Thos. Stevens, Proton Station; 5, W. A. Bell, Pine River; 6, M. Knechtel, Dorchester Station.

Section 2—Best 4 cheese, June and July make (white)—1, M. Knechtel; 2, Miss M. Morrison, Newry; 3, R. D. Thompson, Springfield; 4, W. A. McLaren; 5, M. Morrison, Harriston; 6, A. E. Millson, Lakelet.

Section 3—Best 3 factory cheese, August make (colored)—1, M. Knechtel; 2, R. Elliott, Dunrobin; 3, Miss M. Morrison; 4, Wm. Colbert; 5, W. A. Bell; 6, W. A. McLaren.

Section 4—Best 3 factory cheese, August make (white)—1, J. W. Clarrige, Glen Huron; 2, Miss M. Morrison; 3, J. S. Isard, Willis-croft; 4, R. Elliott; 5, Wm. Colbert; 6, J. L. Thompson, Hawks-ville.

Special prizes given by R. & J. Ransford Salt Co.—1, F. E. Kline, Lakefield; 2, J. S. Isard; 3, J. S. Thompson; 4, T. B. Sellars, Laurel.

Gold medal given by the Windsor Salt Co.—N. S. McLaughlin, Henfryn, Ont.

Butter.

The display of creamery butter was larger than last year, and as is usual with Canadian creamery, was right up to the mark in point of quality. The judge, Mr. J. B. Muir, Ingersoll, Ont., reported the quality to be good and that it compared favorably with that of other years. While about all the old exhibitors were on hand there was quite a sprinkling of new blood, and one or two new names figured in the prize list. The exhibit of dairy butter was full 25 per cent. larger than last year and the quality was much improved. Mr. T. C. Rogers, Guelph, the judge, reported the quality both fine and uniform, there being only one or two lots to which any strong objection could be made.

Awards.

Section 7—Best 2 tubs or boxes creamery butter—1, I. Wenger, Aytou; 2, I. C. Bell, Winchelsea; 3, James Ireland, Beachville; 4, F. J. Sleightholm, Strathroy; 5, Wm. Osborne, Alliston; 6, Wm. Hope, Palermo.

Section 8—Best 75 lbs. creamery butter in pound rolls or prints—1, J. C. Bell; 2, I. Wenger; 3, Geo. Balkwell; 4, John Malcolm, Sheffield; 5, James Ireland; 6, F. J. Sleightholm.

Section 9—Best 60 lbs. creamery butter in packages containing not more than 10 lbs. each—1, Wm. Halliday, Chesley; 2, I. Wenger; 3, F. J. Sleightholm; 4, I. C. Bell; 5, John Ballantyne.

Section 10—Best 2 tubs made in any farm dairy—1, A. C. Hutton, Brampton; 2, J. M. Dolson, Alloa; 3, J. D. Malcolm, Sheffield; 4, Mrs. M. Burk, Bowmanville; 5, Mrs. T. McKay, Hamilton; 6, A. Lake, Katchewan.

Section 11—Best 2 firkins, crocks, or tubs made at any farm dairy—1, J. A. Dolson; 2, I. D. Malcolm; 3, A. Elliott & Son, Galt; 4, Wm. Whitelaw, Meaford; 5, Miss Hunter, Rockton; 6, Mrs. Burk.

Section 12—Best basket 1 lb. prints or rolls made at any farm dairy—1, Henry Berry, Elmwood; 2, A. Hutton, Brampton; 3, J. D. Malcolm; 4, S. Hunter, Beamsville; 5, Wm. Willis, Newmarket; 6, T. W. Stevens, Aurora.

Special prize, American cream separator valued at \$75, given by Richardson & Webster—Mrs. M. Burk, Bowmanville.

Special Windsor Salt Co. Prize—Mrs. Dolson.

Dairy Appliances.

There was the largest display in this department ever seen at the Fair. All the leading dealers were represented and no less than six different makes of cream separators were shown, from the small hand separator to the large one adapted for factory use. The exhibitors in this line were: Richardson & Webster, St. Mary's; Creamery Supply Co., Guelph; R. A. Lister & Co., Montreal; Canadian Dairy Supply Co., Montreal; D. Derbyshire & Co., Brockville, and the Vermont Farm Machine Tool Co., Bellows Falls,

Vermont. An exhibit of interest to cheesemakers was Levey's centrifugal cheese rack for turning cheese in the curing-room. Another new exhibit was Fisher's patent frost proof milk can, exhibited by James Fisher, Galt. The whole exhibit in this line was really fine and would have shown off to much better advantage in a larger building.

Awards.

Section 15—Best outfit of utensils, etc., for creamery—1, Richardson & Webster; 2, Canadian Dairy Supply Co.

Section 16—Best outfit of utensils, etc., for farm dairy—1, Creamery Supply Co.; 2, Richardson & Webster.

Result of the Milk Test.

The interest in the milking competition seems to be waning somewhat, though there was one more cow entered than last year, making seven in all. No change has been made in the method of awarding the prizes for several years, and it is little to be wondered at that the contest does not excite the interest it formerly did. It does seem as if the time had come when some advance should be made, and a test in which the food consumed was taken into account would tend to arouse more interest in the test among the breeders, and have a greater educational value. Let the dairy breeders get together and work out some kind of a food test to begin the twentieth century with. The test was conducted on the same basis as last year, and the results based upon the total solids produced in 48 hours. The test was under the supervision of Prof. Dean, Mr. R. W. Stratton, cheese maker at the Ontario Agricultural College, having charge of the testing. The following is a tabulated statement of the results:

Rank.	Name of Cow.	Breed.	Owner.	Address.	Pounds of milk given in 48 hrs.	Pounds of butter fat in 48 hrs.	Total solids in 48 hrs.
1	Daisy Banks	Holstein	Rettie Bros.	Norwich	1264	3 064	13 994
2	Inka Sylvia	Holstein	C. J. Gilroy	Glen Buell	1284	3 373	13 507
3	Highland Cornelia	Holstein	Rettie Bros.	Norwich	1294	2 746	13 388
4	Queen de Kol 2nd	Holstein	G. W. Clemons	St. George	1204	2 939	12 632
5	Princess Lida	Holstein	C. M. Keeler	Greenbush	116	2 821	12 630
6	Juanita	Holstein	C. J. Gilroy	Glen Buell	1114	2 750	12 226
7	Nellie Gray	Ayrshire	N. Dymont	Clappison's Corners	1144	2 960	12 219

Buttermaking Competitions

Without doubt one of the most interesting spots on the grounds was the department under the grand stand where the buttermaking competitions took place. They began on the morning of September 4th and closed on September 7th, each competitor having to make up four different lots of butter, and from the beginning to the end of the contest it was watched with eager interest by crowds. There were two sections, one for students or ex-students of any dairy school or makers in any creamery in Canada or the United States, and another open to buttermakers in any farm dairy. There were eight competitors in the first section and seven in the second, so that honors won were well earned. There was not a very wide margin between the total score of each maker, and all through the contest the keenest competition prevailed. The judges were Prof. Dean, of the Ontario Agricultural College, and J. W. Hart, Superintendent, Kingston Dairy School. Mr. J. Stonehouse, of Port Perry, had charge of the arrangements for the competition, the success of which was in no small measure due to his efforts.

The accommodation provided was good considering everything, and if the test is continued another year we have no doubt better accommodation will be provided. There is great need of a new building for the dairy exhibits, and it is to be hoped that the Association will see its way clear to erect an up-to-date building where the buttermaking competitions and the dairy exhibits can be together. The following is the list of prize-winners:

Section 17.—Dairy School students and creamerymen—1st, Wm. Elliott, Galt; 2nd, R. Ferguson, Chesley; 3rd, J. D. Malcolm, Sheffield; 4th, J. B. Anderson and D. J. McCarthy, Guelph (prize divided equally between them).

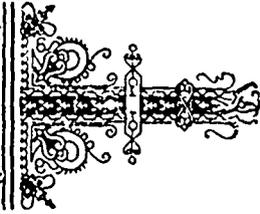
Section 18.—Makers in any farm dairy—1st, Miss Christina Stewart, Hampstead; 2nd, M. Stonehouse, Markham; 3rd, Miss Fanny Berry, Elmwood; 4th, George Rice, Currie's Crossing.

(Report of Poultry, Fruit, Etc., in next issue.)

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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.

VOL. II.

No. 48

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

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

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' Associations 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 10,000 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 condensed form.

F. W. HODSON, Secretary.
Parliament Buildings, Toronto, Ont.

Weather Forecasts.

The following letter has recently been received by the Superintendent of Farmers' Institutes. This is an important question, and one that should receive the attention of the powers who have control of these matters. The officers of Farmers' Institutes through whose districts stages and other public conveyances pass will do well to take the matter up:

Corbyville, Aug. 28th, 1899.

DEAR SIR,—During the harvest just past, in passing along the lines of railways and seeing the weather signals indicating the probabilities for the next twenty-four hours carried on all regular trains, the idea occurred to me, Why not apply the same service to the daily mail stages? Take, for example, in our own district of East Hastings, we have a daily service running from Tweed to Belleville, a distance of twenty-six miles. It leaves Tweed at 7 o'clock in the morning, arriving in Belleville about noon, and returns to Tweed in the afternoon. It passes through a thickly-settled agricultural district. I am sure it would be very beneficial and highly appreciated by the farmers along the line.

Yours very truly,
(Sgd.) JOHN L. CLAPP.

Situations Wanted.

An experienced man of 56 wishes situation as caretaker of a dairy herd; is capable of managing a herd and milking supply; has had 15 years' experience in supplying milk to Montreal customers, thoroughly understands the business; is reliable and steady and can furnish first-class references. For particulars apply to F. W. Hodson, Superintendent Farmers' Institutes, Parliament Buildings, Toronto, who knows the applicant, and to whom recommendations, reference papers and other data have been sent.

The Bacon Hog

(Continued from last issue)

Suggestions by Another Packing Firm.

The hog is an important animal, and has figured as one of the important products of Canada from the beginning, but only in a very uncertain way until a period easily covered by the last twenty years, while the period of real growth hardly goes back beyond ten years. "Has he come to stay?" is a question often asked by sensible farmers, and until they obtain an answer which shall satisfy them they will hardly spend the money necessary to equip themselves for the business of raising and marketing hogs. Canadian hogs will, no doubt, continue to be used in supplying the Canadian market, but it is the export branch of the trade which promises the best results, and we hesitate not to say that it is by no means transient in its nature. A slice of choice ham or bacon nicely broiled is too good a thing for our relatives in England to give up eating; they want it now, and

will continue to want it so long that we may hope never to see the end of the demand. We think, therefore, that our farmers need have no fear whatever that the hog industry will "play out." Whether the average Englishman knows a good thing when



CUT 1.—Lean Singer.

This view, taken from above, shows a good even back.

he sees it is not quite clear, but when he can taste it also, then all doubts vanish. Let it be understood, then, at the outset, that the export trade demands a good article, and cannot be trifled with with impunity, and this, possibly, is one of the hardest things for the farmer to understand and believe. To attain the highest results the farmer must do his part well, then the packer must use all diligence from first to last; he must see to it that first-class transportation is obtained



CUT 2.—Lean Singer.

Another view of the animal shown in Cut 1.

both by land and sea; then when the meat arrives at its destination it must be properly and promptly handled. There are a good many links in the chain, and if only one be defective the desired end is not attained, the result being disappointment and loss instead of encouragement and profit.

Being packers, we write as such, but consider it wise to take the farmer into our confidence as far as possible. Neither one can get along without the other, and the more the farmer knows about the business the better he will be able to cater for it, and we welcome them at all times to our packing-house and gladly show them the different kinds of hogs being received, and point out what is good and what is bad, hoping by such means to interest and educate at the same time. It has been said that "eternal vigilance is the price of freedom"; we go further and say it is the price of nearly everything that is worth having. We must not think for a moment that we have a snap in supplying the British market with bacon

and hams. Others are fully alive to the value of such trade, and, while Canada may be given a preference, let us not bank too much on that; they are after the best goods for the least money, and mere sentiment of itself will not count very much in the long run.

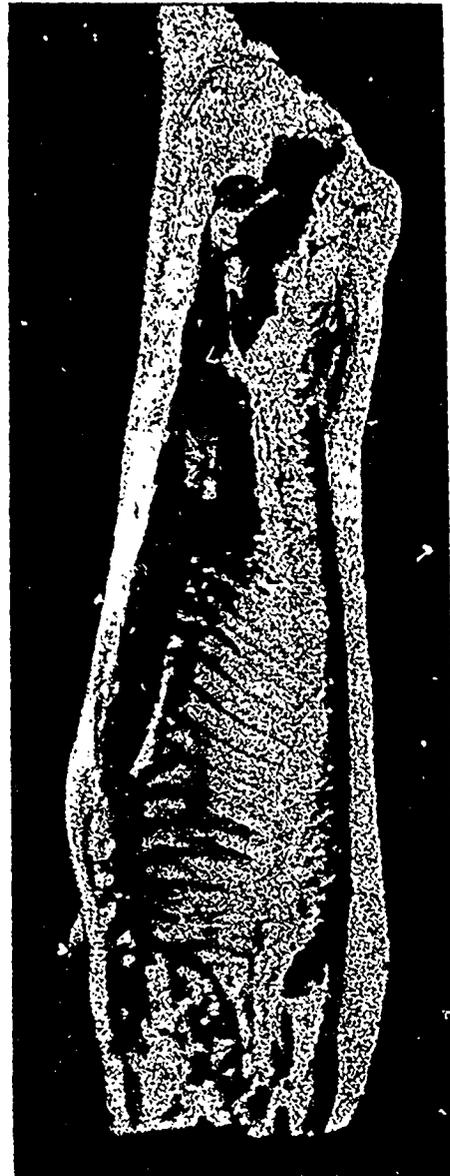
It seems to be rather beyond our province to tell farmers how to breed pigs; still, it might be in order to say that the young pigs cannot be too well cared for. If the weather be wet and cold they should be kept in a dry and warm house. Exposure to wet and cold is most fatal to young pigs. We strongly recommend the spaying of all females not intended for breeding purposes. The advantages resulting from this operation will be obvious to every practical farmer on a moment's reflection. When a sow has proved herself a good mother it is best to continue using her as such just so long as results are satisfactory, even if the period should extend to twelve years or over; there is little sense in marketing so many old sows; the best of them are only despised,

and their age does not cut much figure. When they must be sold they should be well fattened; they then make fair mess pork. When boars are old and no longer required for use, it would be far better to kill and bury them in a



CUT 3.—Lean Singer.

This view of the dressed hog shows that, with the exception of a slight thickness on the shoulder, the carcass is otherwise entitled to rank as A1.



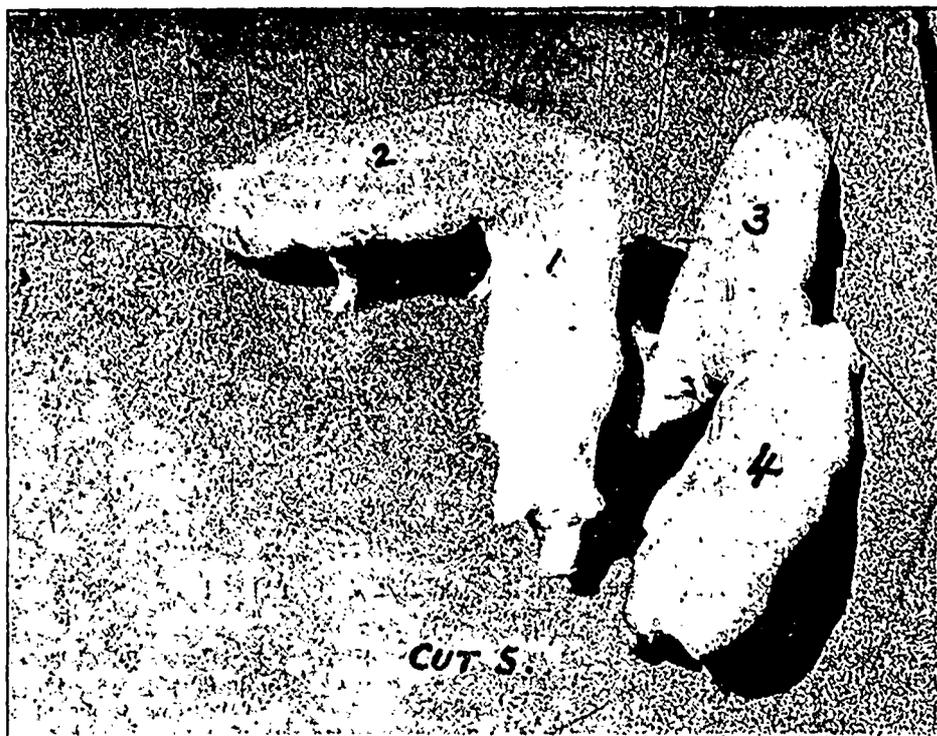
CUT 4.—Lean Singer—Side View.

The evenness of the fat on the back, with the slight increase on the crown, is well shown in this cut.

dung heap than to pursue the course usually followed; they are mostly low in flesh, and require a lot of good food before they are sold, and during this time they are a nuisance to the farmer; then, they are a curse to the drover, and a blister to the packer. Nobody wants their meat at any price, and they often do more damage in a car of good hogs than they are worth. Keep them on the farm, and put the food they would eat where it will do more good. This advice may sound strange to some ears, but we know it is right, and hope it may be put into practice.

MARKETING PIGS.

Now, a word about taking the pig to market. There are people who take far too much thought for the morrow in this matter, and try to get enough food into them to last for some



CUT 5.—Of this quartette Nos. 1 and 3 are good, while No. 2 is fat and No. 4 is bad.

days. Such a practice has nothing to commend it, further than to show up the character of the man. Not unfrequently it means a dead hog when the destination is reached, and if not that it certainly means an inflamed condition of all animals so treated. It is a damage to the trade, and will be stopped by some means before a good condition of things is reached. Let us be reasonable on this as on all other points. On the day for delivering the pigs let them be fed dry grains, and only moderately. They will thus stand the journey much better. Build a chute, or inclined run-way from pens to waggons. Avoid as far as possible all excitement in loading. Let the sides of waggons be opened (a rack made of boards one inch by six inches is good) so as to allow them plenty of

air. Cover the waggon with brush, straw or other material to protect them from the hot sun. If boards are used let them be high enough not to scrape the pigs' backs, and so make a blemish for all time to come. In hot weather carry a pail and wet them down as opportunity offers. When unloading, never use a waggon rod to punch them out. The best plan is to get right into the waggon, and, if necessary, use your feet in pushing them out. In all cases, care should be used in handling to avoid bruises and broken bones. Much damage is caused in this way, and the farmer very properly has to stand his share of it. When the pigs are handed over to the drover or packer, the farmer's part of it is about done, but he is still interested in ultimate results, as they will certainly come back to him in the shape of increased or decreased prices for future lots.

WHEN IT IS BEST TO SELL PIGS.

We would say, sell them when they are ready, that is, when they are in good flesh and weighing around 175 pounds. Sometimes the demand will call for them somewhat heavier, and now and then a little lighter, but a good bacon hog of 175 pounds usually tops the market. Remember the demand for bacon runs all through the fifty-two weeks of the year, and it will often pay to have them ready between times. October, November and December are not remarkable months for high prices. We give the above only as a hint. Every feeder must decide this matter for himself. We desire to serve you by doing what in us lies. Produce a steady supply and thus maintain as steady a price as possible. *We see nothing but injury for the trade in sudden and violent changes in the price.*



CUT 6.—A type not wanted by the packers. Fat in every particular.

WHAT KIND OF PIGS DO THE PACKERS WANT?

Long and lean they say. The writer has walked up and down the pens at the Fair in Toronto, looking for this kind, and they were nearly as scarce as hens' teeth. To be sure the Tamworths and improved Yorks were there and others that might produce the right article, but the conclusion forced itself upon one that a lot of good money was being given as prizes for heaps of fat, worthy only of a day long since gone by, and the recent hot spell may have done service by killing off several of the kind alluded to. Let us now and forever stop the giving of prizes for breeds of animals that are not wanted to any extent. There are enough back numbers in the farming community to raise plenty of heavy fats without being subsidized, and by all means let them do it, and let us encourage only those breeds that are known to possess merit as bacon hogs. But, in again turning to the question, "What kind of hogs do the packers want?" we doubt if any answer can be given that will insure satisfactory

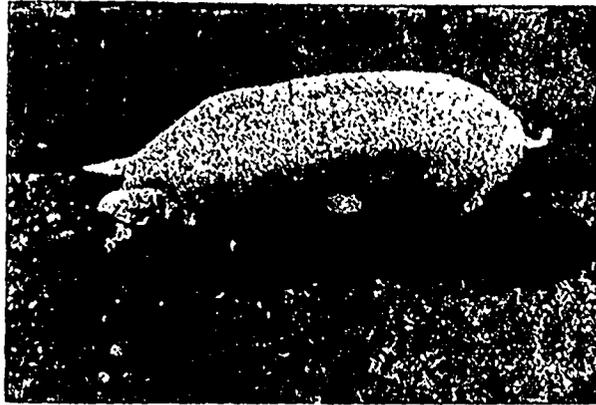


CUT 7.—Side of the pig shown in Cut 6. Not wanted even for the home trade. Too fat and short.

results in every case, for in the same litter we find a marked variation, especially in length. Now, the right plan is to make the best of things as we find them, and when we find that we have several pigs that are short and with a disposition to put on fat, it would be well to see to it that they be fed lighter if possible than the longer ones, and market them when they weigh from 140 to 160 pounds. It is not essential that every pig should be a "singer," but this is confidential, as we do not seek to encourage the marketing of small pigs. Generally the markets are quite overdone with them, but we do think the above is the best disposition that can be made of the short, light-boned pigs. The packer calls for the long, lean pigs, as they are the ones that suit best and are most difficult to procure: this is the only kind that will furnish the desired "Wiltshire side," and it will also make any of the other cuts the market calls for. A good type of pig is shown in the cuts 1, 2, 3 and 4. This lean Singer has the back even in width, and the sides of good depth and even, and when

dressed it shows up a good side, the belly is thick and fleshy, the fat over the shoulder is a trifle thick, but on the whole the side will go into the first

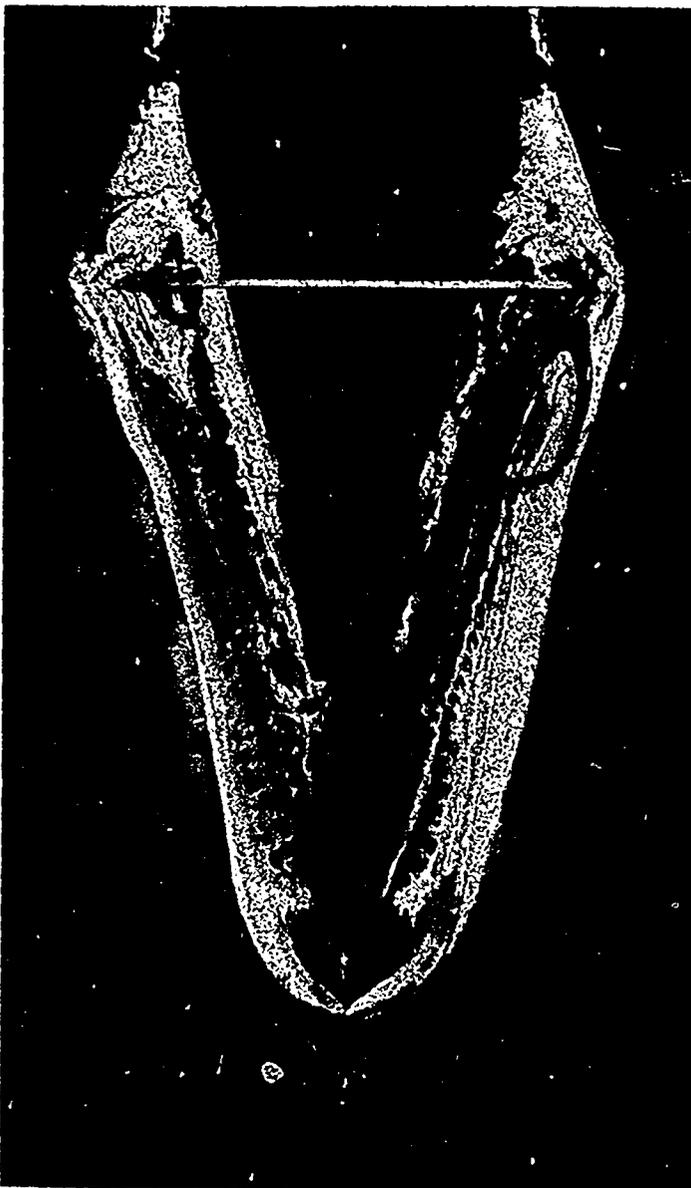
is not produced in five months by any means, and while it is quite true that different feeders will get different results we believe it to be a great mis



CUT 8.—One of the class of "stouts." Owing to the shadow its real depth is not sufficiently shown in the cut.

class in any market. The fat is white and firm, and it will be quite evident that the animal was honestly fed, and by that we mean, fed with a view to making good meat. This kind of pig

take to crowd the young pigs too much, as it is sure to produce an excess of fat. It requires time to produce lean, and eight or nine months is a fair age for pigs that will top the market.



CUT 9.—Carcase of a "Stout."

This pig was fed too long, and, in consequence, fetched 1¼c. per lb. less than lean singers of first quality.

Next, we have a quartette; two of these are fine Singers, Nos. 1 and 3, while No. 2 is fat, and No. 4, we call bad, which means that it is good only for the cheapest domestic cuts. The export trade will have none of it,—every part of it being too fat; even the spare ribs are too fat. The head (see cut 6) denotes the Poland China breed, which is in ill odor with Canadian packers, but its character comes out the best after it is killed (see cut No. 7). There is then no room for argument. Such a side, if put into a box with others of better style for export, would condemn the others. There is another party, known, doubtless, to some of you that will very rarely buy such meat; we refer to the Canadian farmer himself. Time and again we have heard him call for leaner meats, as his folks could not eat so much fat. It is a little inconsistent to be sure, but it is a case of "murder will out," and lends force to our advice to sell pigs when they are ready. Even the lard market does not want so many fat hogs, for that article has sometimes to be sold at less than the live weight price of the hog. The protest against fat is well nigh universal, and further it is reasonable, for those not engaged in hard physical labor cannot eat much fat without suffering in consequence. Someone may suggest that there may be a change to the old order of things, so many and unlooked-for changes are being experienced, but in our opinion such a chance is too remote for consideration. The next illustration (No. 8) shows a style of pig very commonly seen. Its pedigree is unknown to us. Its ears are rather long and legs short for a typical Singer. Photographing hogs does not always produce desirable results. It is so very hard to get

them in a good position, but when the next stage is reached (cut 9) it is different. Dead hogs are always good, and permit any kind of a picture to be made without objection. This shows up here very well in a general way, but owing to its being fed about two weeks too long it has to go into the class known as "stoats," which cuts down its price $\frac{1}{2}$ to $1\frac{1}{2}$ c. per pound, and such figures are sufficient comment; we need not aim to feed stoats.

The group of six Singers, three of which are seen clearly in cut 10, the other three being rather indistinct, show up some nice meat, as the carcasses shown in illustration 11 prove.

Nos. 1, 2 and 4 are especially fine, and all are good in quality, but except Nos. 1 and 2 are too short, 6 being especially so. Why are long hogs wanted? They are more profitable, for no matter how long, there is only one head to lose money; the shoulder is not much in demand and does not seem to be materially increased with the increase in length. It is the middles and hams that are wanted, and perhaps the middle cut brings the most money all the time, and herein lies the reason for the demand for long pigs.

SOFT AND LIGHT HOGS.

There are still two classes of pigs that are constantly being marketed that cause much annoyance and loss to the trade, and are a damage to the reputation of Canadian bacon generally, viz., soft hogs and light skinny ones of 70 to 140 pounds each. In our opinion soft hogs are the result of soft feed in nearly every case, and are produced by those who are lacking in common honesty. They are trying to get something for nothing, and when they feed cooked roots and other soft, mushy food only, and say they think it makes first quality of meat, they disclose their ignorance, or rather, they do know that by such means the weight of their hogs is easily and cheaply increased, and that is as far as they are concerned. Grass feeding is also a cause of soft pork, and in addition to being soft the fat turns to a greenish yellow. Grass is well enough in its way, but pigs should be kept off it at least a month before being sold to the packers. Soft pork is produced just because it costs less than the right kind, and if the trade is thus ruined, those who are guilty will try and look surprised. Why so many light hogs are forced upon the market has always been a mystery; lack of food or lack of money on the part of the feeder will account for some of them but not all. The meat of immature pigs is not satisfactory, being soft, flabby and of poor flavor. It is bad policy to market any animals before they are in a fit condition.

As to the feeding of corn; this is a very important matter. We do not claim that the soft, trashy stuff that is marketed is fed wholly on corn, but we wish to call attention to the farmers who persist in feeding corn alone, that they should not expect to get more for their hogs than American corn-fed

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hogs are worth, as corn-fed hogs will not make the firm and lean meat that mixed grains will do, and on account of running too much to fat will not suit the fancy export or domestic trade.

The Ontario Government is deserving of great praise for the efforts they are making to give the people all the information possible on this and other subjects, but the farmers will require to help themselves to the utmost if the greatest possible success is to be attained. While we write with an eye on the export trade chiefly, it might be in order to state this fact: the Canadian consumer is taking very kindly to the meat of the best export hogs, and this feature will grow more pronounced as the days go by. The time-honored Long Clear, while still in demand, is not holding the position it once did, and the people will come to fight shy of the winter-cured meat from dressed hogs, as their education in this direction proceeds. The future demand will be almost entirely for live hogs of 160 to 200 pounds with a sprinkling running up to 250

INGERSOLL PACKING COMPANY.

Canada Central Fair.

This leading fair in Eastern Canada opens this week and will continue till September 23rd, thus providing a two week's exhibition for visitors to the capital. A new main building is one of the special features of the show this year and the whole fair promises to eclipse even last season's splendid record. With the exception perhaps of Toronto the Ottawa fair is the best all round agricultural show in Canada and a few days spent there the coming week will amply repay one. A splendid list of special attractions has been provided by the energetic management.

The Western Fair.

The Western Fair, which opened last week at London, promises to be a great success. Every department is well filled and in many lines there is hardly room enough for the number of exhibits. The fair is in full swing this week and it will be well worth seeing.

Father—When I was a boy children had some respect for the advice of their parents.

Son—Yes, but in those days the children didn't know any more than their parents did.—*New York Truth*

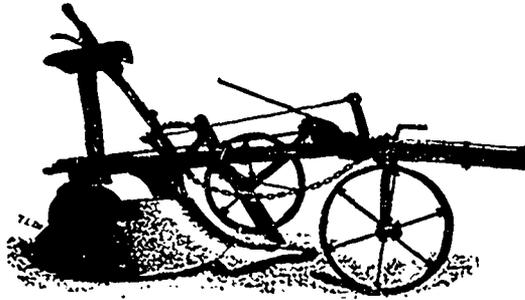
A five-year-old kindergarten pupil was told to write an essay on the cow, and after a long and earnest struggle the following was handed in for criticism:

"The cow is a female ox and her children are called calves. The cow has four legs, one on each corner. She also has a tail. If her tail was a leg she would then have five legs. The cow also has two horns, but because why I don't know."

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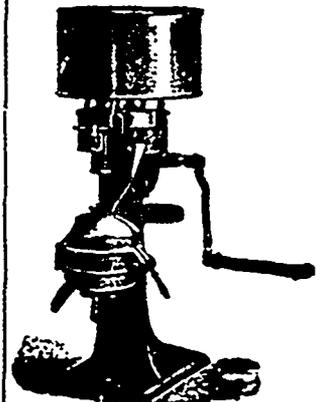
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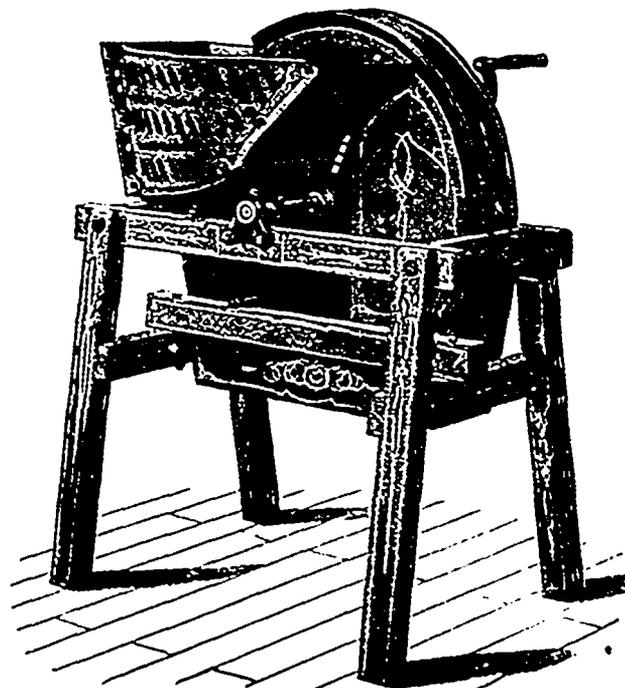
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The Farm Home

Every-day Recipes.

Calf's Heart.—Cut the heart into small pieces, wash thoroughly, put it in a kettle with one quart of water and let it simmer one hour. Then add two tablespoonfuls of chopped onion, salt and pepper to taste. Make drop dumplings by mixing a cupful of flour, $\frac{1}{2}$ a teaspoonful of salt, a level teaspoonful of baking powder, and $\frac{1}{2}$ a cupful of cold milk in a bowl, stirring vigorously until it is a smooth batter. Then dip this batter by spoonfuls and place it over the top of the heart. Cover the kettle and cook ten minutes, then serve hot.

Fried Bread.—Cut stale bread into slices, then the slices in strips two inches wide. Beat one egg until light and add four tablespoonfuls of milk, dip the slices in this and fry them in hot lard. Pour liquid pudding sauce over it and serve.

Boston Brown Bread.—One cup of corn meal, two cups graham flour, one teaspoonful of salt, one teaspoonful of soda (level full). Mix these ingredients together, stir the batter briskly for a few minutes, and add one pint of warm water. Grease the inside of a tin bucket, pour the batter in, put on the lid and set it in a kettle half full of boiling water. Keep it boiling three hours, replenishing the water in the kettle as it boils down. When done slip a knife down at one side of the bucket and cut it loose all around, then turn it out on a plate.

Egg Salad.—Chop cold potatoes fine, measure a cupful, pour over it three tablespoonfuls of hot vinegar seasoned with pepper, mustard, salt and butter. Boil five eggs hard, slice the whites and remove the yolks. Make a dressing for the salad. Arrange a layer of lettuce, add the potatoes and the eggs and pour the dressing over all.

Mother's Plain Cake.—One cup of butter, two cups of sugar, four cups of flour, four eggs, two heaping teaspoonfuls baking powder, one teaspoonful of extract of lemon or vanilla, and enough sweet milk to make a stiff batter. Cream the butter and sugar, beat the eggs until light, then add the milk and flour gradually, beating all the time to keep it free from lumps and make it light. The baking powder should be mixed with the last cupful of flour and sifted before putting it in. This is nice for a layer, jelly or loaf cake.

Mixing Mustard.

Mustard left mixed, with vinegar or anything else, soon dries, and acquires a mouldy flavor. To prevent this put a heaped tablespoonful of salt into a pint of boiling vinegar. Pour it over

two heaping tablespoonfuls of grated horseradish. Let the vinegar stand twenty-four hours and then strain it off the horseradish, which can be covered with a little fresh cold vinegar and used on the table. Thicken the vinegar strained off with the best English mustard until it is of the proper thickness for use. The addition of a little caper, anchovy, tarragon, garlic, or of celery vinegar to this mustard, or half a teaspoonful of onion juice, gives it a special flavor; a few mushrooms—about two or three—add another flavor. The Parisian chefs number as many as three dozen different flavored mustards. Many of these are prepared simply from a flavored vinegar, but others have a variety of flavors.

Some Odd Superstitions.

There are superstitions of Easter, one of which has a strong hold on the negroes of Baltimore, who early Easter morning go to one of the large hills about the city to see the face of the Saviour in the rising sun. It is also believed that the sun dances with joy on Easter morn.

There are superstitions throughout all the counties concerning cross-roads and running water. Witches are supposed to make their home at the crossing of two roads and to appear there at midnight. One peculiar thing about witches is that they cannot get across running water, and a stream of any sort always acts as a protection to the nightly prowler, who will follow along the bank of a stream in preference to the road. These are some of the things which are more generally believed in the country around Washington and along the Eastern shore. Some of the articles of the creed of the superstitious in that neighbourhood are: "If you sweep your room at night you sweep away your wealth."

Never shake crumbs out of a window after dark. They are supposed to fall into the eyes of the Lord and to disturb the spirits of the dead who wander abroad at night.

Don't wash your hands in water in which eggs have been boiled. You are liable to become covered with warts.

Many Baltimore school children believe that if they step on a railroad track they will miss their lesson at school. Also that if they drop their book, unless they put their foot on it before picking it up, they will miss their lesson.

Some mothers believe if a child is slow in learning to walk he can be taught quicker by standing him in a corner for nine days in succession and sweeping him three times a day with a new broom.

About no other single thing probably have so many superstitions been concocted as about the "bean." They abound everywhere and are generally of a pleasing nature, not having to do with witches and devils. For instance, in Sicily a girl plants two beans in a pot, naming one for herself and one for her lover. If they sprout it means marriage. If the lover has not been selected, three beans are put in a bag; one is whole, the other has the eye taken out and the third is skinned. After shaking the bag the girl draws one bean. The whole one means a rich husband, the one without an eye means a sickly husband, and the one without the skin means a man without a penny.

Preparing Violets for Winter Blooming.

To grow violets for winter blooming it is by far best to plant them where they are to remain. The frames may be placed about them later. Pick off every bud that forms, and remove the runners, and do not force them by giving fertilizers. The ground in which they are planted should light and mellow and only ordinarily rich. What is wanted is a sturdy, healthy growth rather than a luxuriant one. Shower the plants frequently to keep down the red spider, unless they are where they will get the benefit of dews and rains. Put the frames about them in October, but do not cover the plants until cold weather comes. At that time it may be well to fertilize the soil somewhat. Bank up well about the frames, and provide a sash to cover them that fits snugly. On every pleasant day after the weather becomes cold lift the sash a little to admit air. If it is intended to grow them in the greenhouse, where there are no beds to plant them out in, keep them in seven-inch pots. Clip the runners off frequently, and do not allow them to bloom until winter comes. Violets are not satisfactory for culture in the window of the living-room.—*June Ladies' Home Journal.*

Home-made Sewing Table.

The most convenient sewing table I ever saw was made from a large square box of the right height. The top and bottom was removed and the inside of the box papered with wall paper. It was then turned so that the open ends formed the sides, and the inside was divided by a shelf. This shelf was also papered. The box was then mounted upon castors. The top was plainly covered with oilcloth, and the two sides were fitted with two rows

of pockets each, that were made like large shoe bags, and fastened into place with gilt-headed tacks. The open ends had curtains of the same material (blue denim), that were shirred top and bottom to wires, there being two curtains to a side. These could be easily shoved back when one wanted to get to the inside of the box.

A square of the denim was hemmed and worked with white cotton, and when the top was not wanted bare to trace or baste upon, this cover was put over it cornerways, and a lamp or pot of plants placed upon it. The table was placed in the centre of a room, and the pockets were marked with white cotton, so that a glance told what each contained. The hose to be darned occupied one pocket, while the pieces used for patching and the darned cotton occupied another. One was devoted to pieces of white muslin and scraps of embroidery; another to pieces of linings of all sorts. The pockets up one side were narrow and the two rows came close together; these pockets held patterns, neatly rolled up and marked. The reason that two sides were left open was that it was nearly a yard square, and it was much easier to have shelves but eighteen inches wide. I forgot to state that the inside was divided so that each side was by itself, so it had to have two sides open. It was pretty, and no one but a busy housewife knows how handy it is. The curtains being fastened top and bottom prevented them from blowing out and letting dust in. The oilcloth top was as good as a wooden top to baste or trace upon, and looked much better.—*Exchange.*

To Preserve the Odors of Flowers.

Many persons who delight in the delicate odor and refreshing properties of choice perfumes, but who, because of their costliness, must forego the indulgence, will be glad to learn that perfumery, as good as the best on the market, can be made at home, with no other outlay save a little labor and frequent and liberal inroads upon the flower garden. Either of the following methods will give satisfactory results at the hands of even the inexperienced:

No. 1.—Take two dinner plates, or, if one cares to experiment on a more elaborate scale, two large-sized window glasses, each in a wooden frame two inches thick, and spread with fresh, unsalted butter or purified fat; sprinkle one plate or glass, as the case may be, freely with live blossoms; cover closely with the other; renew the flowers every other day so long as fresh blossoms can be had, but allow the same grease to remain throughout the process, "working" or serrating it each time the flowers are changed that every portion of it may come in contact with the live blossoms. When the flowering season is at an end, scrape off the grease and infuse it in strong alcohol or a month, at the end of which time

it will be found that the alcohol has absorbed the odor of the flowers taken up by the fat. Pour off and seal.

No. 2.—Drop the live blossoms into pure olive oil (using any quantity desired); let stand twenty-four hours, strain, and add fresh flowers. Continue this process throughout the blooming period. After the final straining, infuse the scented oil in alcohol as directed in No. 1.

Flowers may be used each kind to itself or blended. Orange and jasmine flowers mixed produce a scent like sweet pea; jasmine and tuberose used in equal proportions give the odor of hyacinths; when violets and tuberose are blended, the perfume has the delicate fragrance of the lily of the valley.

Attar (oil) of roses may be produced by expelling rose leaves, immersed in an equal weight of water, to the sun's rays, and afterwards to the cool night air. The attar, or otto, will be found floating on top, and can be skimmed off with a feather.—*Katharine E. Megee.*

2,400 Dozen Pairs FREE Fine Hosiery



We have secured at forced sale 2,400 dozen pairs of ladies' fine hose which we propose to give out within six weeks by giving them away with our Illustrated Fashion Journal in order to advertise & introduce it into new families. The old reliable Fashion Journal of New York is a complete family journal in every particular, the fashion department is unrivalled, with every issue we give beautifully illustrated patterns all latest styles with complete instructions free—contains household hints, fascinating stories & stands in first rank among metropolitan journals. The hose are heavy warm, well made fashionable goods, in fact colors—popular shades, cardinal, navy blue, seal brown, black, slate, tan, in fact colors & styles to suit all tastes. There is no need of paying from 25 to 75 cents for a pair of fall & winter hose when you can get a dozen for nothing. Positively, the entire lot (2,400 dozen pairs) to be given away during next 60 days for regular subscribers. On latter 15th, we will send the Illustrated Fashion Journal & months free to 2,400 persons who will answer this advertisement at once & send the address of 30 newspaper readers from different families. We are determined to lead the race in useful premiums, hence this liberal inducement; it is a colossal offer & will not appear again. If you are certain to send 10¢ in stamps to help pay postage, mailing, etc., and your order will be filled same day it is received. Address: **Illustrated Fashion Journal, Station D, Box 35, Dept. 322, New York City.** N.B.—A dozen cents hose given in place of ladies. When you write be sure to mention size & colors wanted.

American Cow Ties Will Outlast all others



This is because the form of the link, the exact size and shape of which are shown above, is such that the wear is distributed evenly over its entire end. The tearing surface is thus very large, and the chain will wear for years without becoming worn appreciably.

With other styles of chain the tearing surface is only a very small portion of the extreme end of the link. Grooves are soon formed, and in a comparatively short time the links are worn—or, properly speaking, cut—through.

These facts are well shown on a cow tie recently brought us for repairs. It was an ordinary No. 00 three-chain tie. One chain was wire, the other two American. One of the wire links was worn entirely through. The others were nearly as bad—a strong pull would have broken almost any of them. With the American chains, on the other hand, the wear was very slight, and hardly noticeable—three times this amount would not have weakened the chains seriously.

American Cow Ties are made in all the standard patterns and sizes. If your hardware dealer does not handle them, kindly let us know, and we will see that you are supplied. See our Special Cow Tie Catalogue—just published—sent Free on application. 53

ONEIDA COMMUNITY, Limited, Niagara Falls, Ont.



These Ranges

With Remarkable Draughts—ensuring perfect operation.

With Beautiful Appearance—giving joy to all.

With Great Reputation for Economy—making you very happy—are.... the VERY BEST.... RANGES in Canada,

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FOR COAL AND WOOD

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FOR WOOD ONLY

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A PAPER FOR FARMERS AND STOCKMEN.

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

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

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Stock Notes.

A FINE POULTRY EXHIBIT.—Mr. Will Secker, of Dunbarton, Ont., who claims the distinction of having the largest poultry yards in Canada at the present time, made a very fine exhibit at the Industrial this year. The varieties bred by him include White Wyandottes, Buff Leghorns, White Indian Games, Rhode Island Reds, Brown Leghorns, Anconas and Buff Plymouth Rocks. The Rhode Island Reds are a new breed in Canada, though well known in some parts of the States. They are a beautiful color, of good size, are a grand table bird, good winter layers, the eggs being large and brown in color. These fowls develop very early, and Mr. Secker shows a five-months-old pullet which is laying regularly. The excellence of Mr. Secker's stock may be estimated by the fact that out of twelve entries he was awarded no less than ten prizes.

Publishers' Desk.

Wild Razor-Back Hogs.—The wild hogs, from Indian Territory, U.S., shown by the American Steel and Wire Co., of Chicago, are one of the features of the fence exhibits at this year's fairs. Their appearance indicates an ability to go through or over anything less effective than the kind of fence this company supplies.

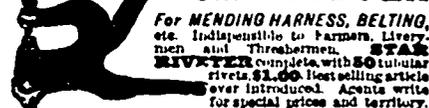
R. A. Lister & Co.'s Exhibit.—There was no exhibit at the Industrial this year which attracted more attention or created more interest than that of Messrs. R. A. Lister & Co., Limited, of Montreal. They showed a complete line of dairy supplies, including the "Alexandra" and "Melotte" Cream Separators, Milk Scalders and Raisers, Lister's New Turbine Pasteurizer, and Pasteurizing Plant, Lister's Cylindrical Refrigerators and Coolers, the "Facile" Hand Babcock Tester and Improved Iron Frame Steam Turbine Babcock Tester, a new and improved combined Churn and Butter Worker, the Alexandra Cream Turbine Separating Plant, the "Dairy Farmer" Creamery Pump, the New Lister Creamery Pump, etc. The machines which appeared to create the greatest interest amongst the farmers were the cream separators. The consensus of opinion seemed to be that the "Melotte" Separator was the handsomest and most perfect piece of mechanism ever exhibited at a Canadian Exposition. The firm claim that this machine has beaten all other competitors in public working trials eight times, and many experts consider that it



Send stamp for circular and price list of PHEASANTS

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Hamilton, Ont.

BIG MONEY FOR AGENTS THE STAR RIVETER



For MENDING HARNESS, BELTING, etc. Indispensable to Farmers, Liverymen and Threshermen. **STAR RIVETER** complete, with 50 tubular rivets \$1.00. Best selling article ever introduced. Agents write for special prices and territory.

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FENCE MACHINE

Still at the front Not only the cheapest, but fastest and best.

PRICE, - - \$5.00

Highest grade coiled and other WIRE for sale. Write for particulars. Agents wanted.

McGregor, Banwell & Co., Windsor, Ont.

Our Market Reports are reliable and up-to-date.

Apples

All desirous of exporting apples to the home market 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

Reference—Mr. W. H. Dempsey, Bay of Quinte Apple Experimental Station, Trenton, and many others.

The Ashes of Wheat

Are 76 per cent. Phosphates

By far the greatest portion of which is Phosphate of Magnesia. The requirements of an acre of average crop of clover are 25 per cent. more phosphate than wheat or other grains and 75 per cent. more magnesia, and an acre of turnips requires over 50 per cent. more Phosphate than the grains.

Thomas-Phosphate Powder

(REGISTERED)

is the safest manure to meet these demands, as it supplies Phosphate of Magnesia as well as Phosphate of Lime and of Iron. Faithful experiment has shown that Thomas-Phosphate increased the yield of mutton by 175 per cent., whereas the hay yield has only increased 50 per cent. Turnips properly phosphated have also shown greatly increased feeding value.

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Perhaps you've seen our advertisement before, and made up your mind to look into the matter of a business education. You put it off for a time. Don't delay any longer. Business is on the boom. Business hands and business heads are wanted along every line. Prepare to be on the crest of prosperity's wave. Learn Shorthand, Bookkeeping, Telegraphy.

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Write to day for our new catalogue. It's the finest business college catalogue in Canada, and represents the most progressive and best school.

W. J. ELLIOTT, Principal.

THE
THOMAS-PHOSPHATE CO.

is the ideal separator and the machine of the future. It is made in all sizes suitable for dairies of from eight to thirty cows, and is guaranteed to take less power to work than any other separator and to do more work in the same time. The "Alexandra" is suitable for smaller dairies of from two to ten cows. It is the most up-to-date machine of the kind on the market, and the fact that there are 30,000 in daily use is sufficient evidence of its popularity and excellence. Messrs. Lister & Co.'s exhibit will be at London and Ottawa, where it should be seen by those who have not already had an opportunity of examining it.

A Canadian Exhibit.—The Consumers' Cordage Company of Montreal furnished one of the chief features of the exhibit in Machinery Hall at the Toronto Industrial. Under the expert arrangement of Mr. W. E. Stanley, of Lucan, and Mr. James Dow, of Stratford, visitors at the Fair were treated to a practical exhibition of the whole process of the manufacture of binder twine.

The mottoes adopted by the Consumers' Cordage Company were particularly striking and well-conceived, being sufficiently suggestive of the trend of things to set thoughtful people guessing. The legend "We lead—others follow," is not new, but it is expressive of existing conditions so far as the Consumers' Cordage Company is concerned. The company has been in existence for more than three-quarters of a century and is therefore the oldest as well as the largest concern of its kind in the Dominion. Its business history is the history of the binder twine industry in this country. Another motto, "Canadian goods win everywhere," expresses a fact not sufficiently appreciated by most of us. There is no need for our people to buy foreign goods when our own are superior in quality and lower in price. Another fact worth noting is expressed in the motto, "No protection on twine in Canada; our neighbors have 45 per cent." The Consumers' Cordage Company is deprived of tariff protection, subjected to the competition of American makes as well as the prison twine factories at Toronto and Kingston and many other competitors, yet it has by force of merit in its products and honesty in its dealings so enlisted the loyal support of the patriotic Canadian farmer that it has been able to build up an enormous trade which is constantly expanding. The fact that the company use English machines, which are the best in the world, in the manufacture of their goods gave them such an advantage over the American twine manufacturers that the latter were compelled to procure from their Government the imposition of the 45 per cent. duty as a protection against this company, is at least significant.

The exhibit includes some very creditable specimens of the Dominion Bag Company's manufactures.

If you want to get some good ideas on the binder twine question write for the company's catalogue.

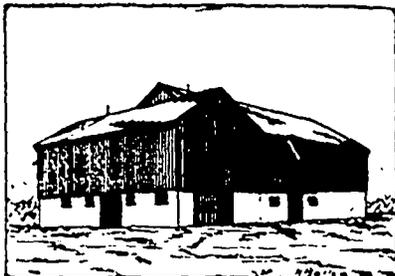
The Perrin Plow Co., Limited, of Smith's Falls, Ont., exhibits at Toronto their new Ontario Riding, or Sulky Plow. We would advise our Western farmers to look it up, and examine its working. It certainly overcomes many of the objections which we held against sulky plows generally. This excellent implement has as its chief features lightness of draught, simplicity in working and low price. Any smart, active boy who can drive a team can operate this plow without any trouble. It is taking well in the East. The company have very many testimonials from not a few of the leading farmers, and a very flattering one from Mr. Wm. Kennie, late superintendent Experimental Farm at Guelph, Ont. Mr. Patterson, general agent, will be found at the fair and can tell you all about it.

See our Premium Offer on page 80.

COMMON SENSE KILLS Roaches, Bed Bugs, Rats and Mice. Sold by all Druggists, or 381 Queen W. Toronto.

BEWARE OF IMITATIONS.

Thorold Cement



BARN OF R. W. JACKSON, Hilderson, Ont., March 9th, 1899

Estate John Battle, Manufacturers Thorold Cement, Thorold, Ont.
DEAR SIR.—I have much pleasure in testifying to the excellent quality of your Thorold Hydraulic Cement for building purposes. In June last year I built under my barn a concrete wall of Thorold Cement. It turned out a splendid job, and I have no hesitation in recommending your Cement to those requiring its use. Your traveller called here and gave me instructions for a few hours as to the proper method of using it. I then completed the wall myself.

Yours truly, R. W. JACKSON, County Councillor, Middlesex Co.
P.S.—It is with pleasure I give you my testimonial, as your Thorold Cement is all you represent it to be.—R. W. J.

Our Thorold Cement is the best and cheapest for Cists, Barn Walls, Floors for Horses and Cattle, Pig Pens, etc. Write us for free pamphlet.

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Pure Bred Tamworth Pigs, Bacon curer's choice. Importer and Breeder of choice Collie Dogs.



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The largest herd of Imported and Canadian-bred Yorkshires of the large English type in Canada. 25 matured imported sows, among them being several royal winners. Six imported sows sired by Biddington Lad, Royal winner and gold medal boar for the best pig of the white breed. Have those imported stock boars bred by such breeders as Sanders Spencer and Philo L. Mills. 25 April pigs (imp.) of both sexes for sale. Also a number (imp.) in dam. 200 Canadian-bred pigs of all ages for sale. Write for prices. Personal inspection preferred. Prepay express charges and guarantee stock as described.

D. G. FLATT, Millgrove, Ont.

Oak Lodge Herd of Large Yorkshires



The Oldest Established and Largest Herd in America.

This herd has a uniform and fixed type, acknowledged by the best judges to be what the market demands. It has made a record of its own in the show rings, winning more prizes at the largest Canadian and American shows than all other herds combined. Parties wishing high class stock should examine this celebrated herd at the leading show.

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OFFERS SHROPSHIRE SHEEP of the highest type. This flock has won more prizes at Christmas fat stock shows than all the flocks of Canada and the United States combined. The flock is the final test. An extra lot of Shearling Rams, Imported Clydesdale Mares and Yorkshire Swine for sale.
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BRANT STOCK FARM OXFORD DOWNS

FOUNDATION STOCK selected from the best breeders in Canada and England. Two Imported Rams (First and Second Prize-winners at Toronto in 1888) at head of flock. 30 Choice RAM LAMBS and some FIVE LAMBS for sale.

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I HAVE several litters nursing, and also a number of June litters of the highest quality and bluest blood in North America. The "Parkhill Mab" strain of Tamworths can only be obtained from me. I make a speciality of choice Breeding and Exhibition stock. I like to ship when "ready to wean." I respectfully solicit your valued orders, and will be glad to quote you prices, delivered free in any part of Canada or the U.S. Address—

Hermanville Farm, P.E.I., Can.

Market Review and Forecast

Office of FARMING,
Confederation Life Building,
Toronto, Sept. 11th, 1899.

General trade conditions continue bright, and nearly all lines of business, both wholesale and retail, enter upon the fall and winter trade under very favorable circumstances. The Transvaal question is somewhat unsettling the money markets. In Canada there seems to be a good demand for money, and prices are well maintained.

Wheat.

The wheat markets have been generally quiet and unchanged. The marketing of wheat by farmers has been somewhat reduced of late, as they seem to have confidence in higher prices. The *Price Current* sums up the situation of the week as follows:

"The declining tendency of wheat prices has continued the past week, the Chicago market being steadier at the close, with December wheat $\frac{1}{8}$ c. lower than a week ago, and a like change for May delivery. The close is $\frac{3}{8}$ @.1c. above the low point, on Tuesday. The movement of spring wheat was enlarged in comparison with several weeks previously, due to marketing of some early threshings. The receipts of such grain, however, are yet largely short of corresponding time last year. The movement of winter wheat to the centres continues moderate, and decidedly smaller than a year ago."

At Montreal there has been a somewhat bearish tendency in the market, and there is a marked difference between the prices for old and new stock. The market here has been quiet and without special change. New wheat is offering in moderate quantities. Red and white is quoted at 67 to 68c. north and west, and goose at 67 to 68c. Manitoba No. 1 hard is quoted here at 78 $\frac{1}{2}$ c., and No. 1 northern at 75c. On the Toronto farmers' market red and white bring 69 $\frac{1}{2}$ to 70 $\frac{1}{2}$ c., spring five 66c., and goose 70 to 71 $\frac{1}{2}$ c. per bushel.

Oats and Barley.

The oat market is somewhat quiet, though at Montreal there is a fairly good demand for oats at 29c. afloat. The market here has been quiet, though considerable has been sold for export at 24 to 25c. for white west. On the farmers' market here oats fetch 28 $\frac{1}{2}$ to 31c. per bushel.

The barley market is rather uninteresting, though the market shows a somewhat firmer tendency at 35 to 40c. at outside points. On the farmers' market here quotations are 39 to 42c. per bushel.

Peas and Corn.

Old peas are quoted at Montreal at 76c., and new ones at 66 to 67c. in store. The market here is somewhat unsettled at 55 to 57c. west. On the Toronto farmers' market peas fetch 60 to 61c. per bushel.

The American corn crop will not likely be of the immense proportions expected a few weeks ago. The present outlook, however, favors a crop well above the average, and will probably be about the same dimensions as in 1896, when it reached about 2,300,000,000 bushels. American corn is quoted at 40c. on track Toronto.

Bran and Shorts.

The demand for feed at Montreal is fully greater than the supply. Ontario bran is quoted there at \$15 and shorts at \$16 to \$17 per ton. City mills here sell bran at \$13 and shorts at \$16 per ton in car lots f.o.b. Toronto.

Eggs and Poultry.

A fair volume of business is being done in eggs at Montreal, though exports are behind

last year. Quotations are 16 to 18c. for fine fresh-laid stock, and 14 to 14 $\frac{1}{2}$ c. for candled goods. Fresh gathered eggs meet a good demand here at 14 to 15c. wholesale. On the Toronto farmers' market eggs bring 14 to 18c. per dozen.

Poultry here remains unchanged at 40 to 60c. per pair for chickens and 45 to 65c. for ducks, and 10 to 11c. per lb. for turkeys wholesale. On the farmers' market chickens fetch 40 to 80c. and ducks 60 to 90c. per pair, and turkeys 10 to 14c. per lb.

Potatoes.

Cars on track are quoted here at 55 to 60c. and out of store at 65 to 70c. per bag, and lower prices are looked for. On the farmers' market potatoes fetch 60 to 75c. per bag.

Fruit.

The fruit market here continues active and trade is brisk with steady prices. Crawford peaches bring 60 to 90c., common 40 to 60c., plums 25 to 60c., pears 35 to 50c. for Bartlett's and 25 to 35c. for common, grapes 20 to 40c., and apples 15 to 25c. per basket or \$1.25 to \$2 per bbl.

Hay and Straw.

The market here for baled hay is steady at \$8 to \$8.50 for cars on the track. On the Toronto farmers' market new hay brings \$9.50 to \$11; sheaf straw \$7, and loose straw \$4 to \$5 per ton.

Clover and Timothy Seed.

On the farmers' market here red clover brings \$4 to \$4.50; alsike, \$3.50 to \$5.40; white clover, \$7 to \$8, and timothy seed, \$1 to \$1.75 per bushel.

Cheese.

The cheese situation continues strong though during the week buyers and sellers have been apart, and at the local markets comparatively little business was done considering the offerings. The offerings just now though considerable less than last year at this time, are in the opinion of some dealers, not sufficient to warrant the high prices that are being paid. Quotations at Montreal are 11 $\frac{1}{2}$ c. for finest Western and 11 $\frac{1}{4}$ c. for Eastern. At the local markets prices have ranged from 11 $\frac{1}{4}$ to 12c. It is felt that prices are getting so high that there will be a large falling off in the consumption of cheese. The cable, however, advanced a 6d. during the week and the situation is strong.

Butter.

There are indications at Montreal of a decline in the butter market and cable reports are weakening somewhat. The clearings of last week are expected to be the largest in the history of the export butter trade. Spot quotations for finest creamery at Montreal are from 21 to 21 $\frac{1}{2}$ c. The scarcity in butter during the past few weeks continues to show itself here and supplies at country points are very light. Creamery prints are quoted at 23 to 24c. and boxes at 20 to 22c. per lb. Prices are steady for dairy butter at 16 to 17c. for choice tubs and 17 to 18c. for lb. rolls. On the Toronto farmers' market pound rolls fetch 20 to 26c.

Wool.

Trade during the past fortnight has been quiet at Montreal. Stocks on spot are low, and holders are not anxious sellers. It is believed by some dealers here that producers will have to be content with low prices for long-wooled fleeces. The goods in which short wools are used are out of fashion, and prices are not likely to be better till they come in again. There is an improvement in the situation as regards fine wools. Prices here

continue at 14 to 15c. for fleece, and 8 $\frac{1}{2}$ c. for unwashed.

Cattle.

The demand in the west for all but well-finished beeves continues dull, while really fine stock bring good prices. The receipts of live stock on the Toronto market on Friday were light, there being only 700 cattle, half of which were stockers and feeders, 900 sheep and lambs, 1500 hogs and 20 calves were offered. The quality of the fat cattle delivered was only medium. Choice well-finished cattle, both butchers and exporters, are scarce, and more would find a ready market.

Export Cattle.—Choice loads of these sold at \$4.75 to \$5, while light ones sold at \$4.25 to \$4.60 per cwt. The bulk of export cattle sold at \$4.40 to \$4.85 per cwt.

Butchers' Cattle.—Choice picked lots of these equal in quality to the best exporters, though not so heavy, sold at \$4.40 to \$4.50, good cattle at \$3.75 to \$4, medium at \$3.50 to \$3.85 and inferior to common at \$3 to \$3.35 per cwt.

Stockers and Feeders.—About one-half of the cattle on the market were stockers. Prices ruled fairly steady for the best grades at \$3 to \$3.50, while prices for inferior black and white steers with heifers were easier at \$2 to \$2.50 per cwt. Light feeders, weighing from 900 to 1,000 lbs. each, sold at \$3.50 to \$3.75 per cwt., and good heavy steers in thrifty condition sold at \$3.80 to \$4.20 per cwt.

Calves.—Prices for these were steady at \$4 to \$8 each.

Milk Cows.—About 15 sold at from \$25 to \$45 each.

Sheep and Lambs.

The deliveries of sheep were large with prices steady at \$3.50 to \$3.85 per cwt. for ewes and \$2.75 to \$3 for bucks. The bulk sold at about \$3.60 per cwt. Lambs were plentiful with prices firm at about \$4 to \$4.40 per cwt. or \$3 to \$3.50 each.

Hogs.

Receipts were large with prices easy at \$4.75 per cwt. for the best bacon hogs of good quality, not less than 160 or more than 200 lbs. each off cars unfed and unwatered, while thick fats and lights sold at \$4.50 per cwt. Uncultured car loads of hogs sold at \$4.50 to \$4.70 per cwt. It is expected that prices this week will be 12 $\frac{1}{2}$ c. per cwt. lower around.

The 1899 Fall Fairs.

Central Canada.....	Ottawa, Sept. 11-23.
Western Fair.....	London, Sept. 7-16.
Stanstead Live Stock.....	Stanstead, Que., Aug. 23-24.
Kingston.....	Kingston, Ont., Sept. 11-14.
New Brunswick Provincial.....	St. John, N.B., Sept. 11-23.
Bay of Quinte.....	Bellefleur, Ont., Sept. 13-14.
Eldon Agricultural Society.....	Woodville, Ont., Sept. 14-15.
South-rail.....	Brantford, Ont., Sept. 16-21.
Northern.....	Walkerton, Ont., Sept. 19-20.
Central.....	Guelph, Ont., Sept. 19-20.
Great Northern.....	Collingwood, Ont., Sept. 19-20.
North Bruce Union.....	Port Elgin, Ont., Sept. 21-22.
North Oxford.....	Woodstock, Ont., Sept. 21-23.
Central Fair.....	Lindsay, Ont., Sept. 21-23.
Nova Scotia Provincial.....	Halifax, N.S., Sept. 23-30.
Central.....	Peterborough, Ont., Sept. 26-28.
Ontario and Durham.....	Whitby, Ont., Sept. 27-28.
South Waterloo.....	Galt, Ont., Sept. 28-29.
North Perth.....	Stratford, Ont., Oct. 3-4.
East York.....	Markham, Ont., Oct. 4-6.
South Norwich.....	Orterville, Ont., Oct. 6-7.
Caledonia.....	Caledonia, Oct. 12-13.
Norfolk Union.....	Simco, Ont., Oct. 17-19.

An exchange tells this one She was a very smart girl indeed, and she sat in the corner with her lover and held her tiny niece upon her knee. The folding doors were open and all at once the visitors in the adjoining room heard the child's piping voice exclaim "Kiss me, too, Aunt Gertie." "Maudie, darling," came the reply as quickly as thunder after lightning, "you should say 'Kiss me twice'—Kiss me too is not grammar."

"Tommy," said a mother to her naughty son, "you must be a better boy or you will never go to heaven." "And suppose I am real good and go there," said Tommy, "will I have to keep right on being good after I get there?"

Jock, leaving home for the first time for a situation in Edinburgh, anxiously requests the guard to look well after his box as it is being placed in the van. "All right," said the official. On reaching Hawick, he puts his head out of the window and shouts: "Gaird, are ye keepin' an e'e on that trunk o' mine?" Guard (sharply): "Oh, yes." At Melrose, Jock cries: "Hey, gaird, ye're shure ye didna pit ma trunk oo, at the last station?" Guard (angrily): "Didnt I tell you that it was a l l r-i-g-h-t?" Jock, however, was ill at ease, and at Galashiels he said: "I say, gaird, if that trunk o' mine's lost ye'll hae to become responsible for't." The guard, out of all patience, fiercely exclaimed: "I wish to goodness ye'd been an elephant, wi' yer trunk stuck on ye." Jock fairly collapsed.

Mistress (greatly scandalized)—"Is it possible, Hannah, you are making bread without washing your hands?"
New Kitchen Girl—"Lor', what is the difference, mum? It's brown bread."

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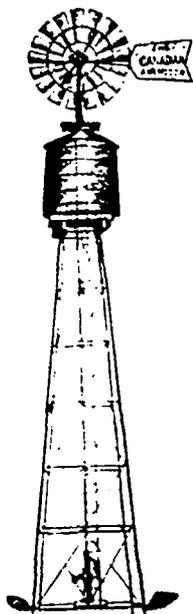
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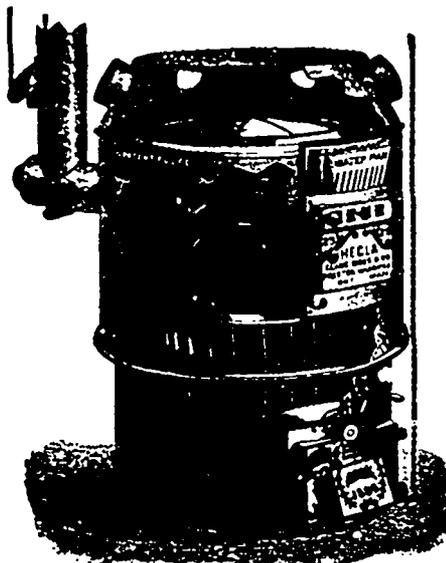
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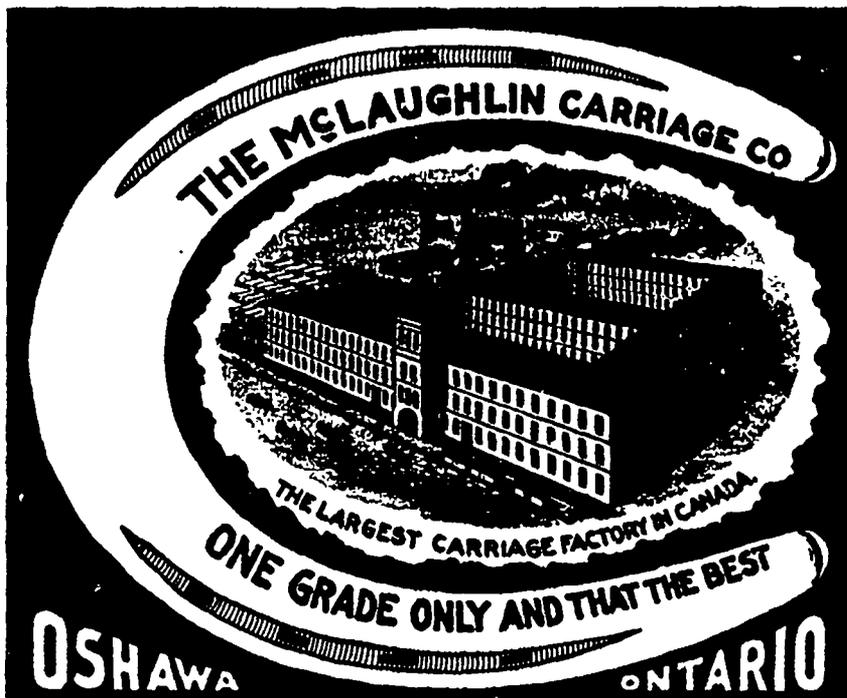
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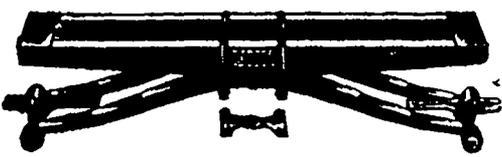


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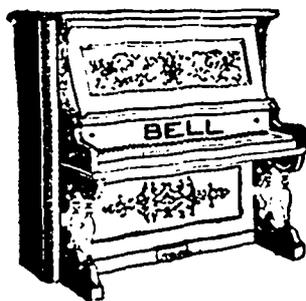
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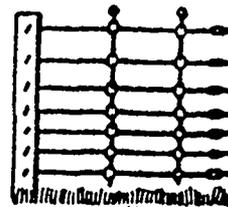
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