

THE FARMING WORLD

Address
FARMING WORLD

FOR FARMERS AND STOCKMEN

CONFEDERATION LIFE
TORONTO

PATERSON'S RED STAR

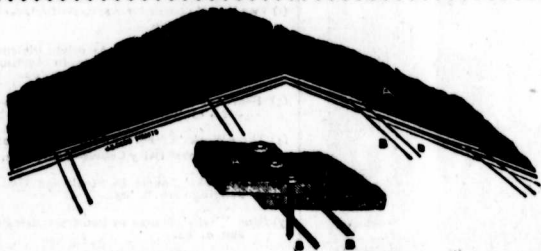
BRAND

Patent Wire-Edged Ready Roofing
and Heavy Tarred Felt Paper

Economical Durable Fire-Proof



ANY farmers are sceptics when the merit of some new article is pointed out to them. All the officials of the Paterson Manufacturing Co., Limited, were raised on a farm. We know how often the farmers have been deceived, and don't blame them for being cautious. When we tell you that our Patent Wire Edged Ready Roofing is better and more economical than shingles, and our Heavy Tarred Felt Paper is the best material known to-day for lining Poultry Houses, we know what we are talking about, and mean every word we say. Nearly all hardware merchants can tell you about our business reputation, and any banker will give you our financial standing.



A shows method of laying Red Star Brand Wire Edged Ready Roofing, with 2-inch laps secured by nailing 2 inches apart. B B shows wires running through the edges of the roofing, giving it great strength at the joints or laps—a very desirable feature, especially in localities where high winds prevail.

Important

You've got some Leaky Shingle Roofs! Or else you're going to Build this season!

In either case use our Patent Wire-Edged Ready Roofing and you'll be satisfied. Don't forget the fact that this Roofing is **Durable, Economical and Fire-Proof.**

Cover your Poultry Houses with **Ready Roofing**, line them with our **Heavy-Tarred Felt Paper**, and you'll get plenty of eggs next winter when eggs are worth something.

Most hardware merchants handle our goods. You'll receive samples and further information by addressing

THE PATERSON MANUFACTURING CO., Limited
Toronto Montreal St. John Halifax

Always Mention THE FARMING WORLD when writing to Advertisers



For Flat or Steep Roofs. It is Waterproof, Fireproof, quickly and very easily laid, and cheaper than other roofing.
MICA ROOFING CO., 101 Rebecca Street, Hamilton, Canada

BELL... PIANOS... AND ORGANS.



Built to last a lifetime
 By the Largest Makers
 in Canada



BELL is the Musician's Favorite

The BELL ORGAN AND PIANO CO. Limited, GUELPH, Ontario
 Catalogue N 41 Free.

<p>The E. B. Eddy Co., Limited</p> <p>PARLOR Hull, Canada MATCHES</p>	<p>DON'T Experiment with other and inferior brands, Use EDDY'S</p>	<p>OUR BRANDS</p> <p>"King Edward" 1000s "Headlight" 500s "Eagle" 100s and 200s "Victoria" "Little Comet"</p> <p>For Sale Everywhere.</p>
---	--	---

"GOOD CHEER"

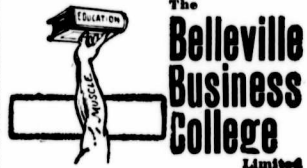
STEEL OVEN * COOKING STOVES

GUARANTEED PERFECT.

THOUSANDS OF THE JAS. STEWART MANUFACTURING CO. LIMITED WOODSTOCK ONT. IN USE.

SOLD BY LEADING DEALERS EVERYWHERE.

Business Muscle..



BELLEVILLE, ONTARIO

We teach full Commercial Course
 Full Shorthand Course
 Full Civil Service Course
 Full Telegraphy Course

Our graduates in every department are to day filling the best positions.
 Write for Catalogue. Address,

J. Frith Jeffers, M.A.

PRINCIPAL

Albert College

Business School Founded 1877
\$37.00 pays board, room, tuition, electric light, use of gymnasium and baths (all but books and laundry) for 20 weeks—longer time at same rate—in either department.

- (a) Bookkeeping
- (b) Shorthand, Typewriting
- (c) Telegraphy

302 Students enrolled in the College last year. Send for specimen of penmanship and special circular. Address

PRINCIPAL DYER, D.D., Belleville, Ont.

STUDY AT HOME

Do you want to know more about your business or profession? Do you wish to write on the Civil Service or Senior Matriculation examinations? Would you like to be a better housekeeper, farmer, mining prospector, or mechanic?

Write for FREE booklet—

The Canadian Correspondence College, Limited
 Canada Life Building, TORONTO, ONT.

Agricultural College

- (1) Two Years' Course for Associate Diploma—Sept. 13, 1902.
- (2) Three Years' Course for Associate Diploma and Specialist Certificate in Agriculture or Horticulture—Sept. 13, '02.
- (3) Four Years' Course for B.S.A. degree—Sept. 13, '02.
- (4) Three Weeks' Creamery Course—Dec. 2, '02
- (5) Twelve Weeks' Dairy Course—Jan. 3, '03.
- (6) Two Weeks' Course in Stock and Grain Judging—Jan. 6, '03.
- (7) Four Weeks' Course in Poultry Raising—Jan. 9, '03.

Ladies Admitted to Dairy and Poultry Courses.
 Send for Circulars.

JAMES MILLS, M.A., President

Guelph, July, 1902.

Tell your neighbor about THE FARMING WORLD. It will pay you and help him. Sample copy free. Write us.

The Farming World

For Farmers and Stockmen

Vol. XXI.

SEPTEMBER 16th, 1902

No 12

A Dominion Exhibition for Next Year

THE Industrial Fair of 1902 is now an event of the past. That it was a great success everybody is agreed. The aggregate attendance was larger than ever before, while the total receipts were the largest on record. This could not but prove satisfactory to every well wisher of Canada's great Industrial Fair. Another year, when the new main building is completed and the grounds arranged after a more up-to-date and convenient plan, as we trust they will be, even greater things may be looked for.

The dominant note in the speeches of the leading Canadians at the Directors' luncheons was that an effort should be made to hold a Dominion Exhibition at Toronto next year. We quite coincide with this view and believe the time has come when Canada should make her great wealth and her diversified products known to the world by means of an all-round Dominion Exhibition. All are agreed that Toronto is the place to hold such an exhibition and next year, when the new manufacturers' building is completed, it could have no more auspicious opening than to be filled with goods from all parts of Canada. With a small expenditure the grounds could be re-arranged and the old buildings put in good repair for the enlarged exhibits that would doubtless be on hand. But the project needs more than the grounds and buildings in which to make displays. A liberal grant should be forthcoming from the Government at Ottawa to aid in financing the project and in bringing exhibits from the outlying provinces. From the utterances of the Minister of Public Works, and one or two prominent politicians, it should not be a hard matter to secure such a grant. The opposition from other centres, when the proposition was made a few years ago, has all disappeared, and the way seems clear for the Industrial Fair Association to go ahead and set the machinery in motion for a Dominion Exhibition in 1903. The various provinces should lend their aid by erecting suitable buildings for their exhibits.

In preparing for a Dominion Exhibition something should be done toward re-arranging the grounds. The present arrangement is not the best that could be devised for convenience and beauty. The main entrance is located at one corner, and the first thing that strikes the visitor is a group of small, unsightly buildings that create a

wrong impression at the beginning that may be hard to eradicate, even when he comes in touch with the beauty and grandeur farther on. The entrance is hard to find from the inside and should be moved farther down towards the lake where a better impression of the grounds could be had. Whether the present street car terminus arrangements can be improved upon or not we cannot say. It would certainly add to the comfort and safety of passengers if they could be landed from cars to the south of the railway tracks. There was a little too much fast driving this year on the grounds for safety and comfort to the fellow on foot. And it is a wonder that more were not hurt by the carelessness of some drivers, both of horses and of automobiles. No doubt, these desire some place in which to show off the speed of their machines, both living and otherwise, but it should be where the lives of the visitors are not in danger. A boulevard drive along the lake shore and encircling the grounds, if need be, would meet the desire of all those who wish to speed their horses and automobiles. Such a drive would prove an attraction to horsemen generally, and would keep the centre of the grounds free for people who enjoy no other mode of locomotion than "shanks ponies."

Nothing further need be added here on these points. These few comments show in some general way how the exhibition in our opinion may be improved upon. What we have said has not been given in a spirit of mere fault-finding, as we fully appreciate the great disadvantages under which the Board of Management has labored during recent years because of the lack of sufficient buildings, etc., to carry on the Fair as it should be carried on. But now that better things are coming their way, we believe they will see the wisdom of some of the changes we have pointed out. A full report of the Fair will be found elsewhere in this issue.

A Farmers' Organization

That this is an age of organization was pretty clearly demonstrated during fair week in Toronto. In addition to a new good roads association, a new organization was formed to be known as the Farmers' Association of Canada, the object, though not made very clear at the outset, being no doubt to unite for self interest and for mutual benefit. The course of this new organization will likely be watched with interest by those

who followed the fluctuations of the old Patrons' organization. The new association is to be non-political in character and may have a longer lease of life; but it has at the back of it so much of the old Patron element that it is a question whether it will work out differently from the old organization upon the essentials of which the new movement is largely based.

There can be no objection to farmers organizing for their mutual benefit and interest. In doing so, however, they should not place themselves in antagonistic relations to other interests in the country. As surely as they do so failure will result. A chief cause of the failure of the Patron movement, in our opinion, was the intensely antagonistic spirit shown by its leaders toward other classes in the community. And the opening ceremonies in connection with this new movement were not without a touch of this old spirit. There should be more co-operation between the farmers as a class and the other sections of the community. We have among our Canadian farmers many capable men who are able to hold their own in any assembly, and by co-operation and mingling with other classes these can wield an influence that cannot but redound to the great benefit of the agricultural classes. More will, we think, be gained by working along this line than by any organization conceived in an antagonistic spirit to other classes. Then it is a question, if with our Farmers' Institutes, Live Stock, Dairy, Fruit, Poultry, Good Roads Associations, etc., we have not enough farmers' organizations and as many as the farmer has time and money to spend upon.

However, we wish the new organization success. With one plank in its platform, and it was about the only one definitely laid down at the inaugural meeting, we entirely agree that of being non-political. With the somewhat antagonistic spirit shown in some of the speeches we do not agree. We quite sympathize with any movement toward securing reduced freight rates and better transportation facilities, though we believe that more can be done by co-operation with Boards of Trade, etc., that are working for the same end. However, in so far as the new organization is working for better transportation, cheaper freight rates, better methods in agriculture and better returns for the farmers' outlay in time and money it will have our support. Otherwise we do not think it will work to the advantage of any, but a few of its promoters who by this means will gain some notoriety and favor.

Manager Hill Seriously Ill.

Many friends of the Toronto Industrial Exposition throughout the country will regret to learn of the serious illness of Mr. H. J. Hill, the energetic manager of the Fair for many years. His illness began before the opening of the Fair and has prevented him from taking any active part in its management during the past few weeks. His duties have been performed by President McNaught and several of the directors, who aided Dr. Bell, assistant-manager. Mr. Hill's illness is of such a character that he cannot hope to be able to resume his duties for some time to come. The directors have, therefore, decided to give Mr. Hill a prolonged rest,

which he badly in need of, and have temporarily relieved him of the management in order that, by freedom from worry, he may be fully restored to his wonted health.

Mr. Hill has been identified with the exhibition since its inception, and it is owing to his efforts that it became of importance throughout the Dominion. He is an Englishman by birth, his father being the manager of a large estate in Wiltshire. Mr. Hill came to this country 33 years ago, and settled in Toronto, where he engaged in newspaper work until his connection with the exhibition. He has great executive ability and capacity for detail, and his temporary retirement will be a serious loss to the exhibition.

he said to an official, "that's only a trifle over ten pounds, and I spend that in tobacco, don't-cha-know." Fifty dollars a month may be a trifle to Sir Flub-dub, but we venture to believe there are skilled mechanics in the factories of Ontario who make less wages.

A report from Fort William augurs ill for the wheat shipping facilities this fall. The series of accidents that occurred last autumn are said to be still only partially repaired. The new elevators are still incomplete. One of the large C.P.R. elevators, "D," will not be in condition for handling grain inside of two months. The C.N.R. elevators are also said to be in poor shape. For the peace and prosperity of our country we pray that this picture may be overdrawn. We have all along been given to understand that everything was advancing favorably and that the lake terminals would be in good shape for the new crop. We know that no effort has been spared by the C.P.R. to bring their undertaking to completion, and think it scarcely likely that the C.N.R. has been less active.

Manitoba and the West

Opposed to Export Duty on Wheat—More Men Wanted—Manitoba Horticultural Exhibition.

By our Western Correspondent.

Winnipeg, Sept. 8th, 1902.

We are working overtime just now and haven't much time for talking, but our thoughts are none the less active because unspoken. Owing to the scarcity of labor we do not have much time for reading the newspapers during the week, but when Sunday comes around, we manage to get an inkling of what's going on in the world through the columns of our weekly paper. We notice that you have been holding some conventions down East. First, there was the manufacturers', at Halifax. We pass over their resolutions in favor of higher duties, for that has been their traditional policy and we expected nothing better. Now comes the Dominion Millers' Association, and here we confess we are both surprised and pained at the stand taken, especially in that highly-applauded paper by Mr. McPherson, ex-M.P.P. No one, not even Mr. McPherson, ex-M.P.P., is more anxious to see a legitimate expansion of milling than is the farmer. We have been accustomed to think the miller the farmers' friend. But here we part company with Mr. McPherson, ex-M.P.P. We cannot consent to a tax of three cents per bushel on our wheat to please that gentleman or the industry he champions.

Mr. McPherson, ex-M.P.P., would put an export duty of three cents on wheat, in order, of course, that it might be kept at home. Are there idle mills in Canada that could grind this wheat, now exported? We believe all are working at full capacity. What, then, is the real object of the proposal? "To encourage investors to erect mills," says Mr. McPherson, ex-M.P.P. Is milling, then, unprofitable at the present time? Ask the Ogilvies or F. W. Thompson or any of the others who have made fortunes at the business. Be the reply what it may, the present

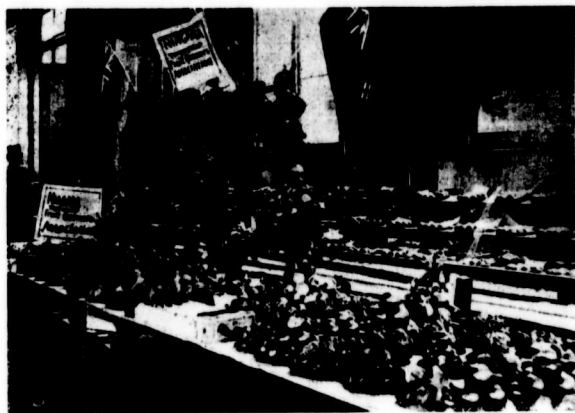
prosperity of the millers is the best answer to any argument that the milling industry needs tariff encouragement.

We are our millers in a position to handle all the grain now grown, let alone the enormous increases expected in the near future, there would be a show of reason in the proposal of an export duty. But to tax the farmer in this way at the present time, when the bulk of our wheat must be sold abroad, is simply to place us at the mercy of the millers. Very recently there has been found a new outlet for Western Canadian grain through the mills of the United States. We have already referred to the vexatious regulations by which the Government of the United States require imported wheat to be ground in bond and all products exported. Yet the U. S. millers can, in the face of these, buy our wheat at a profit, while our home industry is growling for tariff assistance. To an unprejudiced mind it would look as though they feared honest competition.

It is estimated that two thousand and three hundred machines will be operated in Manitoba and Assiniboia this fall—that is, supposing the men necessary for their operation can be secured. Whether this latter condition will be fulfilled is highly problematical. At present, men are almost unobtainable. There are delegates from all parts of the province waiting on the platform at Winnipeg station, and no sooner does a man come off the train than he is saluted with an offer of two dollars a day and board. So anxious are the employers to let no chance escape, that they often make amusing mistakes. An English Sir-Somebody-or-Other travelling with his valet, was greatly disgusted at a mere farmer daring to offer him fifty dollars a month for three months. "Why,"

Weather has not been entirely favorable in Manitoba and Assiniboia during the past two weeks. There have been frequent showers, and much cold, windy and cloudy weather. This has very naturally impeded all operations, whether stacking, threshing or marketing. This week opens with clear and bright weather, and somewhat warmer. Up to the present there has been no frost; there is every indication, however, that the present week will see the mercury below the freezing point. In the far West conditions have been somewhat similar. A report from Edmonton, N. Alberta, dated Sept. 1st., reflects the above conditions and adds the information that the quality and yield of all grains in that district is unsurpassed.

The 28th, 29th and 30th of August witnessed the first Provincial Horticultural Exhibition, which, we are pleased to report, was a splendid success from every point of view. Over two thousand exhibits of horticultural products from all parts of Manitoba and the Territories were entered. The following remarks of Prof. Saunders, Director of Experimental Farms, who spent two days at the Exhibition, give an authoritative view of the event: "I am pleased with the display at your Horticultural Exhibition here, and think it does credit to the promoters and the province. The flowers are remarkable for their size, brilliancy and coloring and for the large number of varieties. The number of varieties of fruit, and especially of apples, is most encouraging, and shows that fruit culture is steadily progressing. The vegetables are exceedingly good and could not be excelled in any part of the Dominion. The display of cauliflowers, in particular, is wonderfully fine."



The Niagara Township Fruit Growers' Association's Display of Fruit at the Industrial Fair, 1902.

The Industrial Fair

A Grand Success. Large Attendance. Splendid Exhibits.

The Industrial Fair of 1902, which closed on Friday last, was in many respects the most successful ever held in Canada. The attendance was a record one and the total receipts are ahead of any previous year. With the exception of one or two wet days the weather was all that could be desired. Everybody seemed pleased and evidently enjoyed the outing. The board of management is to be congratulated upon having brought to so successful an issue the Fair of 1902. They labored under several disadvantages. Owing to the dilatory methods of the city council, only two of the new buildings promised for this year's Fair were ready for exhibits, and it was only by extraordinary efforts on the part of the management that the dairy and art buildings were completed. These served to show what one might expect when the new main building is completed. Both the dairy and art buildings are certainly well adapted for the purposes for which they were intended. The dairy building especially met with commendation from the many dairy men who visited it. The partially constructed main building attracted much attention and proved a strong drawing card for next year's show.

An agreeable change was made this year in locating the side shows in a bunch away from the exhibits proper. The noise and bustle of former years were thus eliminated and there was nothing to detract the attention of visitors from the exhibits. The midway was free to those who cared to patronize it, as many did. There is some inherent quality in many persons that draws them to a side show no matter where it is located, and it seems a necessity that a certain number of these should be provided at every large show for those who have a hankering that way. The

performance before the grand stand was up to the usual standard and attracted large crowds at nearly every performance.

All departments of the show were well filled, even that devoted to agricultural implements. Our larger Canadian implement manufacturers should look to their laurels lest their place in the minds of our farmers be taken by the Americans and those who have come in to fill their places. As is pointed out elsewhere this department did not show the vacant spaces of the last year or two. A word to the wise should be sufficient. Below we give a full report of the exhibits in the agricultural and live stock departments which has been prepared with as much care as is possible in the few days at our disposal.

LIGHT HORSES

The Thoroughbreds were not a large class, but the Kapanga colt, by Spendthrift—Kapanga owned by Dr. Andrew Smith and shown by R. Davies, Toronto, was placed first and the imported Derwentwater by Doncaster—Thorwater, made a fine pair to head the aged stallions class. At the spring show this colt, then looking well was placed second, but he has filled out since then and won first place and the sweepstakes medal. For the thoroughbred sire for hunters and saddlers, Quinn Bros., of Brampton, were first with Woodburn a big bay by King Alfonso. For three year olds a Derwentwater colt was placed first. He was bred by W. Hendrie, of Hamilton, and is owned by W. J. Thompson, Hamilton. The classes for fillies were just filled with few spare ones. Wm. Hendrie had the winner in the brood mares and had also first for two-year-olds. Robt. Davies had the first prize yearling by the Kapanga colt and the produce of the same sire was given the first in the foal class. The prizes for half

breeds brought out several good animals.

Roadsters and Standard Bred had over one hundred and ten entries. A. C. McMillan, of Erin, won with a beautiful big brown horse by Rensellar, in the roadster class and he also captured the silver medal. There were nine entries as against eleven in the registered class which latter was headed by Larabie the Great from the Buckingham stables of Alexander MacLaren. This horse has been a winner before and several of his get got into the prize list and Larabie Girl won the sweepstakes medal for the best mare of any age. For the roadster class J. A. Kelly, Listowell, had the silver medal for Jessie McLaughlin, the winner in the single harness class, a grand type of a roadster. There was a superior class of trotting mares shown and the quality was in marked contrast to some of the exhibits in years gone by.

Carriage and Coach Horses were not a large class in the breeding sections. There were nine entries for aged stallions but they did not all face the judges. Bawden & McDonell, of Exeter, had the winning one in the high standing fine bay Clerkenwell, and he was also the winner of the silver medal. J. L. Reid, Derry West, had the winners in the younger classes. For mares J. W. Bessey, Georgetown, had the winner in Florry K., and her filly foal by Performer also captured the red ticket for foal of 1902, while the mare got the silver medal.

Hackneys were a smaller class than usual, Bawden & McDonell, Exeter, had first and third for Connaught's Heir, and Buller, both imported, the former bred by the Earl of Durham and the latter by Lewis Palmer, Downham Market; between them came Graham Bros., with Attraction, bred by F. L. Stevens, Attica, N. Y. Robert Ness won with his imported Billy Garton, in the aged class. He is by Garton Duke of Connaught. Second went to Hastings Bros., Cross Hill for Guelph Performer, bred by D. & O. Sorby. The filly classes were almost empty, only one shown, a two year old owned by H. N. Crossley, Rosseau, and a good one, a chestnut roan and a good mover. She won for best female. The same exhibitor had the winning mare and second for foal with Althorpe Countess, another roan. R. Davies had the second place for Danish Lady, bred by M. H. Cochran, Compton, Que.

Harness Classes. There was as usual a fine turn out of single roadsters, 16 entries in the class over 15½ hands and 25 in the class under that height. In the former, A. Yeager, Simcoe, was first with a beautiful bay, a good goer, and in the latter Jessie McLaughlin, the medal mare from Listowell, was placed first. For the pairs Harris & Reynolds, Oakville, had a nice pair of bays and got first for them, Duncan McPherson, Galt, getting second place. In the lighter class, F. W. Baillie, Toronto, got the red

ribbon. In the class for single pacers, Thos. M. Lee, Toronto, won with the speedy black Montenegro. For the best Standard bred pair, Miss L. K. Wilkes, Galt, won first with a brown and chestnut, while for the single carriage horse, Geo. Pepper, Toronto, had first for a grey, John Macdonald, second. In the pairs George R. Head, of Guelph, had the winning team, a beautiful pair of bays not less than 16 hands. For under that height but up to 15½ hands, Allan S. Chisholm had a clear first for a pair of bays with very good action, both knee and hock seemed to work so well together. P. Maher's second prize went good but went more heavily. There were a good lot of high steppers shown. P. Maher had a popular pair and they were well applauded as winners. There were a lot of very handsome turnouts in the classes, all the leading stables being represented. For tandem the Derby Stock Farm Simcoe, won first, with Geo. Pepper a good second. The latter won for four in hands. The Simpson Co. got the award for best express horse.

Saddle Horses and Hunters. The large stables of the dealers were well represented in these classes and they won the bulk of the prizes. Geo. Pepper, Toronto, had the lead in the awards and showed a lot of very fine saddle horses. Adam Beck, London, Kidd Bros., Listowel, A. S. Chisholm, Oakville, I. Meredith, London, A. Yeager, Simcoe, and others were out. There was in addition a few farmers' and breeders' horses in the classes but as a general thing these were not as well schooled and seldom as well handled as those from the dealers' stables. For ladies' saddle horse, and also for light-weight hunter, Mr. Pepper's grey gelding, Blue Boy, was a popular winner. For heavy saddler, A. Beck, London, won with a big chestnut named Irish Bob, a good one with fine quality. The jumping was a feature always popular with the public and this year more than ever before. Generally it was well done and while it sometimes extended till it was almost too dark to see yet the public in crowds watched the horses with keen interest till the last. Only very rarely was there any refusal to try the jumps by the horses, but when there was it was unseemly and irritating to the onlookers to see a free and violent use of the whip. This should be properly suppressed. The show ring is not the place for such a performance. The show of ponies was a good one, some very nice animals were forward both in the riding and harness classes.

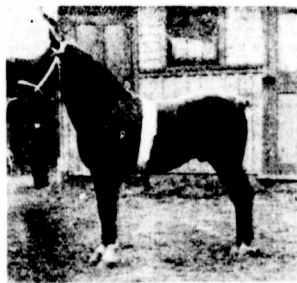
HEAVY HORSES

The exhibit of the heavy horses was a very good one. In numbers more than in recent years and in quality fairly good, though not as many good ones as one would wish to see. The depression in the horse trade of a few years ago has not been overcome. Prices are good for all classes of heavy geldings and buyers were present in numbers

asking for draught horses ready for heavy work. The prices at present paid for service fees are so low in Canada that importers cannot give the sums asked in Britain for first-class animals and get any fair return for their output. The consequence is that we have to be content with horses that are not as good as we could wish. There is a good prospect however that the increased demand for heavy teams will help to remedy this.

CLYDESDALES

There were nineteen entries of aged Clydes but they did not all face the judges. There were enough out to make a good display, but the quality after the first few were passed was not superior. One who ought to know remarked that this year the Winnipeg show in point of quality was ahead of Toronto. First and second prizes went to Graham Bros., Claremont. First for young MacQueen 2290 bred by R. B. Ogilvie, Madison, Wis.



Connaught's Heir (Vol. 19) by Lambton Connaught No. 3252. 1st in sweepstakes and winner of medal given by the English Hackney Horse Society, for the Best Hackney Stallion. Shown by Bawdon & McDouneil, Exeter, Ont.

U. S. He is a nice bay with four white legs and though eight years old came out in first class show shape. He was entered by the Richmond Hill Horse Breeders' Association, but was purchased by Graham Bros. before shown. Second prize went to Burnbrae, also a bay with four white legs bred by N. P. Clarke, St. Cloud, Minn., U. S., sire Rosewood (7207). Third went to Wm. Colquhoun, Mitchell, for Peerless, a dark bay with a slight tendency to roan having a scattering lot of white hairs as well as three white feet. He was bred by the Earl of Strathmore, Scotland. Fourth went to Scottish Celt, (10097) a son of the well-known Macgregor (1487) bred in Ireland, and now owned by Geo. Clayton, Peepabun. Dalgety Bros. had a big powerful horse in Prince of Cowal the heaviest on the ground. Wm. Colquhoun had the winning three year old in Prince Fragrant (11466) by Sir Christopher bred by J. Fleming, Arbroath, Scotland, a bay with white markings and showing good style and action. A half brother, by the same sire, Bucephalus (11288), stood next a black with three white feet. He is owned by Graham Bros.

Hodgkinson & Tisdale, Beaverton had the third with a promising one named Wayward Boy

(2773) and Robt. Ness fourth with Laurentian, bred by himself and a get of Lawrence Again. Dalgety Bros., of London, had the winning pairs of two-year-old colts recently imported. Fidelity and Mosstrooper Champion, Bawdon & McDouneil, of Exeter, third and Smith & Richardson, of Columbus, fourth with Lavender, a nice brown. There were a lot of very good colts unplaced in this class. The yearlings with eight entries were headed by a get of MacQueen. The sweepstakes went to the aged horse, Young MacQueen. There was but one three year old filly shown. She was a nice light bay with three white feet, a get of King's Own. The winning two year old was a bright silvery bay by MacQueen, owned by Hodgkinson & Tisdale, while the yearling winner by Lyon McGregor was owned by Robert Davies, Toronto.

The winning mare Royal Princess (2345) is by Royal Standard, a dark brown almost black with good feet and legs and in good bloom. She also won for her owners Hodgkinson & Tisdale the prize for mare, and two of her progeny and her foal was first in its class. Graham Bros. won for best mare any age.

AWARDS

Sec. 58, Stallion, 4 years and upwards—1, Richmond Hill Horse Breeders' Association; 2, Graham Bros., Claremont; 3, William Colquhoun, Mitchell. Sec. 59, 3 year old stallion—1, William Colquhoun; 2, Graham Bros.; 3, T. Rafter, Jr., Arthur, 4, Robt. Ness, Howick, Que. Sec. 60, 2 year old stallion—1 and 2, Dalgety Bros., London; 3, Bawdon & McDouneil, Exeter; 4, Smith & Richardson, Columbus. Sec. 61, Year-old stallion—1, Jno. W. Cowie, Markham; 2, Robt. Davies, Toronto; 3, Jno. Miller & Sons, Brougham. Sec. 63, Filly, 3 year old—R. Davies. Sec. 64, 2 year-old filly—1, Hodgkinson & Tisdale, Beaverton; 2, Bawdon & McDouneil; 3, R. Davies. Yearling filly—1, R. Davies; 2, Hodgkinson & Tisdale; 3, Wm. Rae, St. Paul's Station. Brood mare, with foal—1, Hodgkinson & Tisdale; 2 and 4, R. Davies; 3, Jno. W. Cowie. Foal of 1902—1, Hodgkinson & Tisdale; 2, Jno. W. Cowie; 3, R. Davies, Mare, with two of her progeny—1, Hodgkinson & Tisdale. Best Clydesdale gelding and mare shown to a cart or waggon—1 and 2, Graham Bros.; 3, D. A. Murray, Bennington.

SHIRES

These were a better class than usual. Some of the younger animals were specially good but the classes were not yet as full as we could wish to see. There were but 25 entries for Shires all told as against 79 in Clydes. In the aged sires there was but one but he is a very good one—Belshazzar—a winner often before and a good Fig horse. He is by Timon (5394). Three year olds had but two and J. M. Gardhouse, Hightfield had the winner and the champion in Newnam Grange, Daventry, England. He Irving bred by F. W. Dancer, Newnam Grange Daventry, England. He is a good thick type of a draft horse, is bay with fairly good legs and feet, a brown with little white. E. A. King, Crediton, had second



Judge Akkrum's De Kol 3rd, Champion Holstein-Friesian Bull, Industrial Fair, 1902, owned by A. C. Hallman, Breslau, Ont.

for Milo 2nd, bred in Wales. In the two year old class Morris & Wellington, Fonthill, were first with the imported colt Bank Statesman, bred by E. Thomas, Westbury, England. Yearlings were a good class and the same exhibitors had a fine pair of blacks for which they got first and second places. They are black with a little white behind. The one put first, General Favorite (353) was first at the Royal and Reserve Champion and the second won first at Peterboro where there is a good lot of first-class Shires shown. Both are by Lockinge Harold (16779), a horse with a great reputation in England. They are as good in quality as has been seen for some time in the Shire class, strong and well grown yearlings. Some thought that General Favorite might well have been given the medal for which he stood reserve. A two year old filly by the same sire headed her class for Morris & Wellington who got all the first prizes for Shire fillies. For best mare J. M. Gardhouse again won with Laura, by Pride of Hatfield, and she was awarded the prize for best mare of any age.

Stallion, 4 years and upwards—1, Bawdon & McDonnell. Two-year-old stallion—1, J. M. Gardhouse, Highfield; 2, E. A. King, Crediton. Stallion, 2 years old—1, Morris & Wellington, Fonthill; 2, Jas. and Ed. Chinnick, Chatham; 3, Bawdon & McDonnell. Stallion, 1 year old—1 and 2, Morris & Wellington; 3, H. A. Gardhouse. Filly, 3 years old—1, Morris & Wellington. Filly, 2 years old—1 and 2, Morris & Wellington. Filly, 1 year old—Morris & Wellington. Mare, with foal—1, Jno. Gardhouse; 2, Morris & Wellington; 3, S. C. Wood, Hensal. Foal of 1902—1, Morris & Wellington; 2, S. C. Wood; 3, Jno. Gardhouse. Mare with two of her progeny—1, S. C. Wood. Best shire stallion (English Shire Horse Society prize) — J. M. Gardhouse. Best shire mare— J. M. Gardhouse.

HEAVY DRAUGHTS

This was a mixed class, but mostly Clydes and Shires competed. In the aged class Nickel Steel (3032) was first for J. Devitt & Sons, Freeman, Ont., Graham Bros. had the winning three year old with Baron Lyndon (3169), while R. C.

Granby, Springville, had the best two year old named McKinley, he is by Macinnes (5193). For yearling Morris & Wellington won with a Shire, Vulcan Jr., by Mars (275). The sweepstakes prize went to McKinley, a fine bay with three white legs. Out of 7 horses shown in the two year old class four of these had four white legs almost to the knees and hocks, and all had white markings more or less. There was a good turn out of mares and fillies in these classes. The class for four draught colts not over two years old any breed the get of one sire brought a good class. Graham Bros. won with MacQueen's get. For best single horse gelding or mare Graham Bros. won first and second with King Rose and Moss Rose a beautiful pair fat and gloss with four white legs each. They also won for the best heavy draught team. The parade of the heavy teams was well worth seeing and was a splendid class. The above named won first with Wm. Hendrie, Hamilton, second, a dray team thick and heavy but not scaling as much as the winners. Third went to D.A. Murray, Bennington, and fourth to J. M. Gardhouse for his pair of Shires. The class was

a good one and was very much admired.

Stallion, 4 years and upwards—1, J. Devitt & Son, Freeman. Stallion, 3 years old—1, Graham Bros.; 2, D. McPhaden, Crosswell; 3, Jno. Miller & Sons. Stallion, 2 years old—1, R. C. Grandy, Springville; 2, Jno. Miller & Sons; 3, Graham Bros. Stallion, 1 year old—1, Morris & Wellington; 2, G. Davison; 3, Jno. W. Cowie. Mare or gelding, 4 years or over—1, Graham Bros.; 2 and 3, D. A. Murray. Best draft stallion—Graham Bros. Filly, 3 years old—1, Hodgkinson & Tisdale; 2 and 3, Andrew Atchison, Gedph. Filly, 2 years old—1, Jno. Vipond, Brooklyn; 2, Hodgkinson; 3, Colin Cameron, Etobicoke. Filly, 1 year old—1, Hodgkinson & Tisdale; 2, Colin Cameron; 3, Bawdon & McDonnell. Mare, with foal—1, Bawdon & McDonnell; 2, Jno. W. Cowie. Foal of 1902—Jno. W. Cowie; 2, Bawdon & McDonnell; 3, Graham Bros. Mare, with two of her progeny—1, Jno. W. Cowie. Best draft mare—Jno. W. Cowie. Four colts, progeny of one stallion—1, Graham Bros; 2, Robt. Davies; 3, Bawdon & McDonnell.

GENERAL PURPOSE HORSES

Mare or gelding, 4 years old or over—1, Arthur Sheard, Malton; 2, A. G. H. Luxton, Milton West; 3, W. N. Scott, Milton. Filly or gelding, 3 years old—1 and 3, J. R. Clark, Norval; 2, W. N. Scott. Filly or gelding, 2 years old—1, W. N. Scott; 2, Jesse Mothersill, Alloa; 3, J. P. Clark. Filly or gelding, 1 year old—1, Wm. Wood, Elder's Mills. Mare, with foal—1, Geo. Castle, Milton; 2, M. Harrison & Son, Brampton; 3, Fuller Br. s., Norval. Foal of 1902—1, M. Harrison & Son; 2, Geo. Castle; 3, Boucher Bros., Huttonville.

Beef Cattle

SHORTHORNS

There was a small class of aged bulls, three only of the four entries being forward. The absentee was Marquis of Zenda, bred by W. S. Marr, of Upper Mill, Scotland, and the winner at the late Ottawa Exhibition. Of the three forward, 1st prize went to a red bull, Captain Mayfly, owned by J. A. Crerar, Shakespear, and bred by Donald Fisher, Pitlochry, Perthshire, Scotland. He is a very good bull, but



Flying Fox's Brunette, 160978, Champion Female Jersey, Industrial Fair, 1902, owned by Mrs. W. E. H. Massey, Dentonia Park Farm, Toronto.

many outside spectators thought that Spicy Robin, the roan, that won 2nd prize for George D. Fletcher, Binkham, might well have been 1st. He is very thick-fleshed and good over the kidneys. He was bred by J. & W. B. Watt, Salem, Ont., and got by Red Robin. The 3rd prize went to the red and white bull, Admiral of Castleberg, owned by A. J. Watson, Castleberg, Ont. There were only two three year olds shown. 1st prize went to Pirate Chief, owned by C. W. Holmes, Amherst, Nova Scotia, 2nd went to Royal Sailor 2nd, bred by Messrs. Watt, and owned by G. H. Oke, Alvinston, Ont. Two year olds were a good class, and were headed by Spicy Marquis, owned by W. D. Flatt, Hamilton. This bull, from Upper Mill, Aberdeen, Scotland, was not only a clear 1st in his class, but was good enough to win the gold medal, and senior championship of the breed. He is a very even animal, a typical Scotch Shorthorn, with plenty of beef, well placed over the best cuts, 2nd prize went to a red and white bull, bred by D. Talbot & Son, Eramosa, Ont., and now owned by Eastwood Bros., New Toronto. 3rd prize went to McDonald Bros., Woodstock, for the imported bull, Keith Baron, bred by the Earl of Kintore, Inverness, Scotland. This was, perhaps, the best male class in the show. For bulls under 2 years, there were seven entries, and a very close contest in the awards. Goodfellow Bros., Mackville, won 1st with a red bull, Shining Light, of their own breeding, though many fancied the 2nd prize animal, a roan, better in the rib, and shorter in the leg. This bull was a winner at Ottawa, his dam, Cicely's Pride, and was bred at Sandringham, in the King's herd, got by Pride of Collynie. He is owned by the Hon. George A. Drummond, Point Claire, Que., who won 3rd place for his red and white Huntlywood. There was a special class for 2 year olds, calved after the 1st February, 1901. Daniel Talbot & Son, Everton, had 1st for a light spotted roan, Lord Chesterfield. W. D. Flatt had 2nd for Banff's Champion, a smoother, smaller animal, while 3rd went to J. & W. B. Watt, Salem, for the roan bull, Coming Star, a thicker, heavier animal of good form. For yearlings, there were no less than 16 entries, Israel Groff, of Alma, Ont., being easily 1st with his well-finished roan, Crimson Hero, by Royal Hero; 2nd prize went to W. D. Flatt for Royal Victor 2nd, a red roan from the herd of Messrs. Watt. McDonald Bros. had 3rd, and J. & W. B. Watt, 4th, in this class. In young bull calves, Capt. T. E. Robson, Ilderton, Ont., won 1st with Prairie Prince, a red, with white patches; A. J. Watson, Castleberg, being 2nd with a very promising roan. As has already been said, Spicy Marquis was senior champion, and Lord Chesterfield won the junior champions.

There was a fair class of cows, though we think better have been seen on Toronto show grounds. There were ten entries, and when the prize ones had been selected, a roan led, followed by three reds. The roan, Crimson Fuchsia 13th, by Clan Campbell, is a very nice, smooth, broad-backed cow, close to the ground, and big around. 2nd prize went to Messrs. Watt, for English Lady 12th, a very massive broad-backed animal, a trifle patchy behind. 3rd prize was awarded to J. A. Crerar, Shakespeare, for Gem of Ballechin, a cow of great weight, upstanding, and thick-fleshed, a little lumpy at the tail head. In 3 year olds, only three faced the judges, and these three imported. W. D. Flatt was 1st with a thick roan, the smallest-looking of the lot, if such massive 3 year olds could be designated in this way. Goodfellow Bros. had 2nd with the light roan, Water Cross, and J. A. Crerar got 3rd with the biggest of the lot, but not quite as sweet as her rival. Two year old heifers had an even dozen entries, and these, while all on the ground, did not all face the judges. J. A. Crerar won 1st in this class with a nice red and white, thick and fat. She is called Gem of Ballechin 2nd, from imported stock on both sides, her sire being Diamond Jubilee. W. D. Flatt had the other winners in this class; 2nd and 3rd being bred by George Amos, Moffat, and the fourth bred by George Bothwell, Nettleton, Missouri, U.S.

Long yearlings were a very nice class, Capt. Robson winning with the light roan, Topsman's Queen; Messrs. Watt, 2nd and 3rd; 2nd with English Lady 16th, a good one that might yet be hard to beat, and the 3rd with Matchless the 28th, a smaller, very sweet animal, with a nice head.

SHORT YEARLINGS

In this class, Goodfellow Bros. had an easy 1st with Water Lily, imported, bred by James Thomson, Fettercairn, Scotland. W. C. Edwards & Co., Rockland, had 2nd place with a dark roan, Lily of Pinegrove, (really Lily of Pinegrove 2nd), by Marquis of Zenda. W. D. Watt had 3rd prize, and Capt. Robson 4th. The next class, heifer calves, were the feature of the Shorthorn show, 25 entries, and 23 in the ring, a sight, when they ran by, rare to see anywhere, and breeders remarked that they had never seen as many good ones altogether in a ring before. Eventually, the judges drew 6 of the best. These were owned by three breeders, Capt. Robson, W. D. Flatt and Messrs. Watt. Capt. Robson got 1st and 4th, with two beautiful roans; W. D. Flatt, 2nd and 3rd, also roans, and W. B. Watt, 5th, with a dark roan, much the biggest animal in the ring. In young calves, Goodfellow Bros. had 1st and W. C. Edwards & Co. 2nd; the championship went, the senior to W. D. Flatt for Crimson Fuchsia,

and the junior to Goodfellow Bros. for Water Lily. 3rd prize went as follows: Senior herd, 1st to Flatt, 2nd to Crerar, 3rd to Watt; young herd, 1st to Robson, 2nd to Flatt, 3rd to Edwards, and 4th to McDonald Bros. There was a very fine show in this class for three animals of any age, got by one sire. Watt was 1st, Edwards was 2nd, and Flatt 3rd, while for three females, bred and owned by exhibitor, Messrs. Watt won the award.

Sec. 1, Bull, 4 years and upwards—1, J. A. Crerar, Shakespeare; 2, Geo. D. Fletcher, Binkham; 3, A. J. Watson, Castleberg. Sec. 2, Bull, 3 years and under 4—1, C. W. Holmes, Amherst, N.S.; 2, G. H. Oke, Alvinston. Sec. 3, Bull, 2 years and under 3—1, W. D. Flatt, Hamilton; 2, Eastwood Bros., New Toronto; 3, McDonald Bros., Woodstock. Sec. 4, Bull, under 2 years—1, Goodfellow Bros., Macville; 2 and 3, Geo. A. Drummond, Point Claire, Que. Sec. 5, Bull, calved between Feb. 1st, 1901, and Feb. 1st, 1902—1, D. Talbot & Son, Everton; 2, W. D. Flatt; 3, J. & W. B. Watt, Salem. Sec. 6, Bull, under one year, and calved before Feb. 1, 1902—1, Israel Groff, Alma; 2 and 3, W. D. Flatt; 4, J. & W. B. Watt. Sec. 7, Bull, calved on or after Feb. 1, 1902—1, T. E. Robson, Ilderton; 2, A. J. Watson; 3, Jas. Rennie, Wick; 4, McDonald Bros. Sec. 8, Senior champion bull—W. D. Flatt. Sec. 9, Junior champion bull—D. Talbot & Son. Sec. 10, Cow, 4 years or over—1, W. D. Flatt; 2, J. & W. B. Watt; 3, J. A. Crerar. Sec. 11, Cow, 3 years and under 4—1, W. D. Flatt; 2, Goodfellow Bros.; 3, J. A. Crerar. Sec. 12, Heifer, 2 years and under 3—1, J. A. Crerar; 2, 3 and 4, W. D. Flatt. Sec. 13, Heifer, calved before Feb. 1, 1901, and under 2 years—1, T. E. Robson; 2 and 3, J. & W. B. Watt; 4, W. D. Flatt. Sec. 14, Heifer, calved Feb. 1, 1901 and before Feb. 1, 1902—1, Goodfellow Bros.; 2, W. C. Edwards & Co.; 3, W. D. Flatt; 4, T. E. Robson. Sec. 15, Heifer, calved before Feb. 1, 1902—1 and 4, T. E. Robson; 2 and 3, W. D. Flatt; 5, J. & W. B. Watt. Sec. 16, Heifer, calved on or after Feb. 1, 1902—1, Goodfellow Bros.; 2, W. C. Edwards & Co.; 3, Jas. Rennie; 4, Geo. D. Fletcher. Sec. 17, Senior champion female—W. D. Flatt. Sec. 18, Junior champion—Goodfellow Bros. Sec. 19, Four calves, bred and owned by exhibitor—1, J. & W. B. Watt; 2, W. D. Flatt; 3, W. C. Edwards & Co.; 4, McDonald Bros. Sec. 20, Three animals, get of one bull—1, J. & W. B. Watt; 2, W. D. Flatt; 3, Edwards & Co. Sec. 21, Bull and 4 females, under 2 years—1, T. E. Robson; 2, J. A. Crerar. Sec. 22, One bull and 4 females, over 1 year—1, W. D. Flatt; 2, Jas. A. Crerar; 3, J. & W. B. Watt. Sec. 23, Three females, owned and bred by exhibitor—1, J. & W. B. Watt.

HEREFORDS

The prizes for the white-faced Herefords were well divided amongst the three herds. For the first time in many years, H. D. Smith, Compton, Que., failed to win 1st for his herd, that prize being captured by W. D. Hunter, The Maples, Garafaxa, Ont., while the Stone Stock Co., of Guelph, stood 3rd. In the class for bulls, there were but two entries in each class, H. D. Smith won 1st for 3 year olds and upwards, and 1st for yearling. W. H. Hunter had the best



A Group of Ayrshires in the Judges Ring, Industrial Fair, 1902.

2 year old, a bull, Spartacus, bred by Gudgeon & Simpson, Independence, Missouri, U. S. A., and this animal was good enough to win the sweepstakes champion prize. He also had the 2nd prize for yearling, the Stone Stock Co. having 2nd for 2 year old, and 2nd for aged bull. In the class for calves, W. H. Hunter had 1st and 2nd, a very nice pair. H. D. Smith won 1st for aged cows, for 2 year old heifers, and for heifer calves. W. H. Hunter had the best 3 year old, Butter Maid 2nd, imported, bred by W. T. Barnaby, Bromgard, England, and imported by E. B. Armour, of Chicago. This heifer was good enough to win the sweepstakes and the herd prize for Mr. Hunter. The Stone Stock Co. had 1st for yearling heifer with Sweetheart the 34th, a very nice daughter of Barnet.

Sec. 1, Bull, 3 years old and upwards—1, H. D. Smith, Compton, Que.; 2, F. W. Stone Stock Co., Guelph. Sec. 2, Bull, 2 years old—1, W. H. Hunter, The Maples, Orangeville; 2, F. W. Stone Stock Co. Sec. 3, Bull, 1 year old—1, H. D. Smith; 2, W. H. Hunter. Sec. 4, Bull calf, under 1 year—1 and 2, W. H. Hunter; 3, H. D. Smith. Sec. 5, Bull of any age—1, H. D. Smith; 2, W. H. Hunter; 3, F. W. Stone Stock Co. Sec. 7, Cow, 3 years old—1, W. H. Hunter; 2, F. W. Stone Stock Co.; 3, H. D. Smith. Sec. 8, Heifer, 2 years old—1 and 2, H. D. Smith; 3, F. W. Stone Stock Co. Sec. 9, Heifer, 1 year old—1, F. W. Stone Stock Co.; 2, H. D. Smith; 3, W. H. Hunter. Sec. 10, Heifer calf, under 1 year—1, H. D. Smith; 2, F. W. Stone Stock Co.; 3, W. H. Hunter. Sec. 11, Herd, consisting of 1 bull and 4 females, over 1 year old—1, W. H. Hunter; 2, H. D. Smith; 3, F. W. Stone Stock Co. Sec. 12, Female of any age—W. H. Hunter.

ABERDEEN ANGUS

A new competitor appeared in this class, John Richards, Bideford, Prince Edward Island, and he at once went to the front, winning for the best herd, and the sweepstakes for the best bull. This latter, with his yearling imported bull, Volodyvoski, a very well-grown good bull, a trifle plain in the face. For aged bull, F. W. Phillips, Oakville, won 1st with his Dark Warrior, shown in good bloom; James Bowman, Guelph, won for best calf. The cows were

headed by Lady Gladstone a very good animal, owned by Walter Hall, Washington, who also won at Ottawa. She was closely followed by Witch of Benton, bred by Clement Stevenson, the great English breeder and exhibitor of Northern blacks in Britain. She is one of Mr. Richard's importation. James Bowman, Guelph, won 1st and 2nd for yearlings, and 1st for 3 year olds, and swept the class for heifer calves. Both Mr. Hall and Mr. Bowman have very good imported animals in quarantine, which will, no doubt, help greatly in advancing their exhibits next year.

Sec. 1, Bull, 3 years old and upwards—1, F. W. Phillips, Oakville; 2, Wm. R. Stewart, Lucasville; 3, W. Hall, Washington. Sec. 2, Bull, 2 years old—1, Jno. Richards, Bideford, P.E.I. Sec. 3, Bull, 1 year old—1, John Richards; 2, F. W. Phillips; 3, James Bowman, Guelph. Sec. 4, Bull calf, under 1 year—1, 2, and 3, James Bowman. Sec. 5, Bull of any age—1, Walter Hall; 2, James Bowman. Sec. 7, Cow, 3 years old—1, Jas. Bowman; 2, Wm. R. Stewart; 3, W. Hall. Sec. 8, Heifer, 2 years old—1, John Richards; 2, Walter Hall; 3, Jas. Bowman. Sec. 9, Heifer, 1 year old—1 and 2, Jas. Bowman; 3, Wm. R. Stewart. Sec. 10, Heifer calf, under 1 year—1, 2 and 3, Jas. Bowman. Sec. 11, Herd, consisting of 1 bull and 4 females, over 1 year old—1, John Richards; 2, Walter Hall; 3, Wm. R. Stewart. Sec. 12, Female of any age—Walter Hall.

GALLOWAYS

Galloways were an excellent class, though only two exhibitors competed, the Guelph herd, owned by D. McCrae, and the Brantford herd, owned by Shaw & Marston. The latter won 1st for their three year old cow, Flora McErin, by MacCartney, a very good specimen of the shaggy-coated Border Blackskins. Their aged bull, Viceroy of Castle Milk, is a wonderfully thick, good animal on short legs, and a close competitor with Cedric 4th, the champion winner at last year's Pan-American Exhibition at Buffalo. D. McCrae had a well-grown 2 year old, thin in flesh, just from quarantine, a promising animal, which may be heard of in future shows. He also had 4 imported heifers, one of which, a 2 year old, Nellie 12th, by Lochan- ket, is a very typical Galloway.

with long heavy hair. She won the championship as best female on the ground.

Sec. 1, Bull, 3 years old and upwards—1, D. McCrae, Guelph; 2, Shaw & Marston, Brantford, Box 294. Sec. 2, Bull, 2 years old—1, D. McCrae. Sec. 3, Bull, 1 year old—1, D. McCrae; 2, Shaw & Marston. Sec. 4, Bull calf, under 1 year—1 and 2, D. McCrae; 3, Shaw & Marston. Sec. 5, Bull of any age—D. McCrae. Sec. 6, Cow, 4 years old and upwards—1 and 2, D. McCrae; 3, Shaw & Marston. Sec. 7, Cow, 3 years old—1, Shaw & Marston; 2, D. McCrae. Sec. 8, Heifer, 2 years old—1 and 2, D. McCrae; 3, Shaw & Marston. Sec. 9, Heifer, 1 year old—1 and 2, D. McCrae; 3, Shaw & Marston. Sec. 10, Heifer calf, under 1 year—1 and 2, D. McCrae; 3, Shaw & Marston. Sec. 11, Herd, consisting of 1 bull and 4 females, over 1 year old—1, D. McCrae; 2, Shaw & Marston.

GRADES

The contest for grade cattle was close between James Leask, of Greenbank; Fried & Sons, Roseville, and James Rennie, Wick. The latter had the best of it in the younger classes, winning 1st for calves and yearlings; Fried & Sons won for best cow and best 2 year old; Eastwood Bros., New Toronto, had the 3 year old winner, and 3rd for cows, while Leask had 2nd in almost every class. He had also two 1st prizes: a 2nd and a 3rd for fat animals. Eastwood Bros. had 2nd for fat cows, and 3rd for fat heifers. In the class for steers, the prize was first given to James Rennie, but on protest, this was reversed, and the prize went to Fried & Sons, with Leask 2nd. The show of fat cattle was very good, a yearling steer shown by Israel Groff, of Alma, being specially good, and A. B. Baxter, of Hamilton, had a very good cow.

Sec. 1, Cow, 4 years and upwards—1, J. Fried & Son; 2, Jas. Leask; 3, Eastwood Bros. Sec. 2, Cow, 3 years old—1, Eastwood Bros.; 2, Jas. Leask. Sec. 3, Heifer, 2 years old—1, J. Fried & Son; 2 and 3, Jas. Leask. Sec. 4, Heifer, 1 year old—1 and 3, Jas. Rennie; 2, Jas. Leask. Sec. 5, Heifer calf, under 1 year—1, Jas. Rennie; 2, J. Fried & Son; 3, Jas. Leask. Sec. 6, Four females, over 1 year old—1, J. Fried & Son; 2, Jas. Leask; 3, Jas. Rennie. Sec. 7, Female of any age—J. Fried & Son.

FAT CATTLE

Sec. 1, Fat steer, 2 years old and under 3—1, J. Fried & Son, Roseville; 2, Jas. Leask, Greenbank; 3, Alfred Hales, Guelph. Sec. 2, Fat steer, 1 year and under 2 years—1, Israel Geoff; 2, J. Fried & Son; 3, Rupert J. Coates, Nappan, N.S. Sec. 3, Steer calf, under 1 year—1 and 3, Jas. Leask; 2, Jas. Rennie. Sec. 4, Fat cow or heifer, 4 years or over—1, A. B. Baxter, Hamilton; 2, Eastwood Bros. Sec. 5, Heifer, under 4 years—1, James Leask; 2, J. Fried & Son; 3, Eastwood Bros.

Dairy Cattle

The exhibit of dairy cattle, while good in quality, was not as large as has sometimes been seen at this show in the past. Ayrshires, with 163 entries, had a clear lead, and while the numbers seen at Ottawa had diminished by some 60 head,

yet the winners at that show were nearly all here. Jerseys had but two exhibitors, and Guernseys only one. Holsteins had a number of very superior animals, with nearly eighty entries all told. The Jerseys, more than any other of the dairy breeds, had shrunk from the proportions of a few years ago; in fact, this breed has not yet recovered from the set-back given it by some exhibitors indulging in questionable practices, resulting in the death of many of their best animals, which caused quite a scandal a few years ago.

AYRSHIRES

The judging in this class began with the herds, W. W. Ogilvie, of Lachine Rapids, Que., captured both first and third awards for graded herds. This was a very remarkable performance, considering the many excellent herds shown, and one reason for his success was his very fine lot of cows, large in size, uniform in color, and excellent in quality. The second prize went to Robert Reford, St. Anne de Bellevue, Que., who has been a leading winner for many years in the sister Province of Quebec. The fourth prize went to Alex. Hume & Co., Menie, Ont. Strangely enough, the tickets for young herds went to the same owners in exactly the same order, while for 4 best animals, bred and owned by the exhibitor, progeny of one bull, W. W. Ogilvie was 1st, Alex. Hume & Co. 3rd, and R. Reford had 2nd and 4th places, the former with his females, and the latter with his bulls, both the produce of Glencairn the 3rd. In the class for aged bulls, W. W. Ogilvie had a popular winner in Douglasdale, bred by R. McKimley, Hill House, Lanarkshire, Scotland. The same exhibitor had 4th place with Black Prince, a dark brown and white bull of a good dairy type. The 2nd prize went to William Stewart & Son, Menie, for Hover-a-Blink, a white, with a few red markings, bred by the exhibitor out of the well-known prize cow of past days, Jean Armour. The 3rd went to Alex. Hume & Co. for Prince of Barcheskie, from the well-known herd of Andrew Mitchell, Barcheskie, Scotland. In two-year-olds and yearlings, R. Reford led the procession; in the former, Stirling Boy was the winner, and in the latter, Glenlea got the ribbon. Both show present standard colors—white with red markings about the neck. In calves, R. Reid & Co., Hintonburg, Ont., repeated their Ottawa winning by again getting 1st for bull calf, Maple Cliff, and also 1st for young calf, with Maple Cliff Comrade. The sweepstakes silver medal went to Douglasdale. There was a very excellent class of cows in milk, 17 entries to face the judges. W. W. Ogilvie had 1st and 3rd, R. Reford 2nd and W. Stewart & Son, 4th. The 1st winner was Minnie of Lessnesock, bred by R. Wallace, Ochiltree, Scotland. She is a very fine cow, beautiful in color (white,

with very few red spots), deep-ribbed, heavy quarter, and with very nice vessel. The 2nd prize, Betsy of Fairfield, is also a very good type of an Ayrshire cow. In the class for dry cows, W. W. Ogilvie, who won 1st and 2nd at Ottawa with a very fine pair, here got 2nd and 3rd places, being beaten by N. Dymont, Clappison's, Ont., with Nellie Gray, from the old herd (great winners in past days) of Morton & Sons, Hamilton. She carries the old-fashioned colors, brown, with white spots, has all the points of a heavy milk-er, and has also a fine head, and well-set horns. Her color was very prominent amongst the whites now so common. R. Reford was fortunate in winning 1st and 2nd for 3 year old cows, but he had to be content with 3rd place for 2 year olds. Mrs. W. E. H. Massey was 1st in the 2 year old class, with Lost Chord, bred by James Howie, Kilmarnock, Scotland. N. D. Liddicoat was 2nd with Snow-driit.

Yearling heifers were headed by Bessie of Warkworth, owned by W. Stewart & Son. She is a very sweet heifer by White Prince the 2nd (imported). There was a very good turn-out of heifer calves, W. W. Ogilvie winning in the older class, and A. Hume & Co. in the younger.

Sec. 1, Bull, 3 years old and upwards—1 and 4, W. W. Ogilvie, Lachine Rapids, Que.; 2, Wm. Stewart & Son, Menie; 3, A. Hume & Co., Menie. Sec. 2, Bull, 2 years old—1, Robt. Reford, Ste. Anne de Bellevue; 2, W. Stewart & Son; 3, Mrs. W. E. Massey, Toronto. Sec. 3, Bull, 1 year old—1, Robt. Reford; 2, Reed & Co., Hintonburg; 3, N. Dymont, Clappison's. Sec. 4, Bull calf, under 1 year—1, R. Reed & Co.; 2, Robt. Reford; 3, W. W. Ogilvie; 4, Robt. H. Henderson, Rockton. Sec. 5, Bull calf, calved after 1st Feb., 1902—1, R. Reed & Co.; 2, Wm. Stewart & Son; 3 and 4, Alex. Hume & Co. Sec. 6, Ayrshire bull, any age—W. W. Ogilvie. Sec. 7, Ayrshire cow, 4 years old and upwards—1 and 3, W. W. Ogilvie; 2, Robt. Reford; 4, W. Stewart & Son. Sec. 8, Ayrshire cow, 3 years old—1 and 2, Robt. Reford; 3, W. W. Ogilvie; 4, W. Stewart & Son. Sec. 9, Ayrshire cow, dry, in calf, any age—1, N. Dymont; 2, W. W. Ogilvie; 3, W. Ogilvie Watson; 4, Mrs. W. E. H. Massey. Sec. 10, Heifer, 2 years old—1, Mrs. W. E. H. Massey; 2, N. D. Liddicoat, Clappison's; 3, Robt. Reford; 4, Alex. Hume & Co. Sec. 11, Heifer, 1 year old, out of milk—1, W. Stewart & Son; 2, 3 and 4, W. W. Ogilvie. Sec. 12, Heifer calf, under 1 year old—1 and 4, W. W. Ogilvie; 2, Mrs. W. E. H. Massey; 3, W. Stewart & Son. Sec. 13, Heifer calf, calved after 1st Feb., 1902—1 and 3, A. Hume & Co.; 2, W. W. Ogilvie; 4, N. Dymont. Sec. 14, Four animals, the progeny of one bull—1, W. W. Ogilvie; 2 and 4, Robt. Reford; 3, A. Hume & Co. Sec. 15, Herd, consisting of 1 bull and 3 heifers, under 2 years old—1 and 3, W. W. Ogilvie; 2, Robt. Reford; 4, Alex. Hume & Co. Sec. 16, Herd, consisting of 1 bull any age, 2 females over 3 years old, 1 female over 2 and under 3, 1 female over 1 and under 2, and 1 female under 1 year—1 and 3, W. W. Ogilvie; 2, Robt. Reford; 4, A. Hume & Co. Sec. 17, Female of any age—W. W. Ogilvie.

JERSEYS AND GUERNEYS.

Mrs. W. E. H. Massey, of Dentonia Park, Coleman, P.O. (near Toronto), had the only herd of Guernseys and won all the prizes for this breed. They are a very good representative herd of the yellow-skinned island cattle. Her 2 year old bull, Island Heirloom, was awarded the silver medal for best Guernsey.

In the Jerseys, Mrs. Massey's competitor was Messrs. B. H. Bull & Sons, Brampton, Ont. The latter was awarded 3rd prize for best herd, while Mrs. Massey had 1st and 2nd. The prizes were divided, Mrs. Massey having nine 1st prizes, while Messrs. Bull & Son had five 1st, and nine 2nd prizes. Messrs. D. H. and H. G. Hammer, of Mt. Vernon, had two animals entered, one of which, a 2 year old bull, Stoke Pogis 5th, was good enough to win his class. He is light in color, very deep-ribbed, and full of good dairy character. The sweepstakes silver medal for best female in the show went to Mrs. Massey for Flying Fox's Brunette, an imported yearling, by the great champion sire, Flying Fox.

Sec. 1, Bull, 3 years old and upwards—1, Mrs. W. E. H. Massey, Coleman; 2, B. H. Bull & Son, Brampton. Sec. 2, Bull, 2 years old—1, D. G. & H. G. Hammer, Mt. Vernon; 2, B. H. Bull & Son. Sec. 3, Bull, 1 year old—1, Mrs. W. E. H. Massey; 2, 3 and 4, B. H. Bull & Son. Sec. 4, Bull calf, under 1 year—1 and 4, Mrs. W. E. H. Massey; 2 and 3, B. H. Bull & Son. Sec. 5, Bull calf, calved after Feb. 1, 1902—1, 2 and 3, B. H. Bull & Son; 4, Mrs. W. E. H. Massey. Sec. 7, Cow, 4 years old and upwards—1, Mrs. W. E. H. Massey; 2, 3 and 4, B. H. Bull & Son. Sec. 9, Cow, 3 years old—1 and 2, Mrs. W. E. H. Massey; 3, B. H. Bull & Son. Sec. 9a, Heifer, 2 years old—1, 2 and 3, B. H. Bull & Son; 4, Mrs. W. E. H. Massey. Sec. 10, Heifer, 1 year old, in milk—1, Mrs. W. E. H. Massey; 2, D. G. & H. G. Hammer. Sec. 11, One-year-old, out of milk—1 and 3, B. H. Bull & Son; 2 and 4, Mrs. Massey. Sec. 12, Heifer calf, under 1 year old—1 and 3, Mrs. W. E. H. Massey; 2 and 4, B. H. Bull & Son. Sec. 13, Heifer calf, calved after the 1st of Feb., 1902—1, B. H. Bull & Son; 2, 3 and 4, Mrs. W. E. H. Massey. Sec. 14, Four animals, the progeny of one bull—1, 2 and 4, Mrs. W. E. H. Massey; 3, B. H. Bull & Son, Brampton. Sec. 15, Herd, consisting of 1 bull and 3 heifers, under 2 years old—1, Mrs. W. E. H. Massey. Sec. 16, Herd of 1 bull any age, 2 females over three years old, 1 female over 2 and under 3, 1 female over 1 and under 2, and 1 female under 1 year—1 and 3, Mrs. W. E. H. Massey; 2 and 4, B. H. Bull & Son.

HOLSTEINS.

There were many close contests in the Holstein classes between the different exhibitors. In the cow classes, Rettie Bros., Norwich, Ont., had much the best of the contest. They had 1st, 2nd, and 3rd for aged cows, were the only exhibitors for 3 year olds, and had 1st, 3rd and 4th for 2 year old heifers. G. W. Clemons, St. George, Ont., had the 2nd prize for 2 year old heifer, 1st and 3rd for

yearlings, and 1st and 3rd for heifer calves under one year. A. C. Hallman, Breslau, Ont., had 1st for aged bull, with Judge Akkrum's De Kol, beating G. W. Clemons, St. George, Ont., with his old winner, Count Mink Mercedes. Rettie Bros. won 1st for 2 year olds, 2nd for yearlings and 1st for bull calves under one year, as well as 1st for six months old calf. G. W. Clemons had 2nd for 2 year old, 1st for yearling, and 2nd for both classes of calves. In the competition for best herds, Rettie Bros. had 1st and 4th for aged herd, and 1st for young herd; A. C. Hallman had 2nd for aged herd, and 3rd for young herd; G. W. Clemons 2nd for young herd, and 3rd for aged herd, as well as 1st and 3rd for four animals, progeny of one sire.

Sec. 1, Holstein bull, 3 years old and upwards—1, A. C. Hallman, Breslau; 2, G. W. Clemons, St. George; 3, Rettie Bros., Norwich; 4, W. H. Simmons, New Durham. Sec. 2, Bull, 2 years old—1, Rettie Bros.; 2, G. W. Clemons. Sec. 3, Bull, 1 year old—1, G. W. Clemons; 2, Rettie Bros.; 3, A. C. Hallman; 4, R. F. Heicks, Newtonbrook. Sec. 4, Bull calf, under 1 year—1, Rettie Bros.; 2, G. W. Clemons; 3, A. C. Hallman; 4, W. H. Simmons. Sec. 5, Bull calf, calved after Feb. 1, 1902—1, G. W. Clemons; 2, Rettie Bros.; 3, A. C. Hallman; 4, W. H. Simmons. Sec. 6, Bull of any age—A. C. Hallman. Sec. 7, Four years old and upwards—1, 2 and 3, Rettie Bros.; 4, R. F. Heicks. Sec. 8, Cow, 3 years old—1 and 2, Rettie Bros. Sec. 9, Holstein heifer, 2 years old—1, 3 and 4, Rettie Bros.; 2, G. W. Clemons. Sec. 10, Heifer, 1 year old, in milk—1, Rettie Bros. Sec. 11, Heifer, 1 year old, out of milk—1 and 3, G. W. Clemons; 2, A. C. Hallman; 4, Rettie Bros. Sec. 12, Heifer calf, under 1 year—1 and 3, G. W. Clemons; 2, A. C. Hallman; 4, Rettie Bros. Sec. 13, Heifer calf, calved after 1st Feb., 1902—1 and 3, A. C. Hallman; 2 and 4, G. W. Clemons. Sec. 14, Four animals, the progeny of 1 bull, to be under 2 years—1, 3 and 4, G. W. Clemons; 2, A. C. Hallman. Sec. 15, Herd of 1 bull and 4 females, over 1 year old—1 and 4, Rettie Bros.; 2, A. C. Hallman; 3, G. W. Clemons. Sec. 16, Young herd, consisting of 1 bull and 4 females, 1 year old and under 3 years—1, Rettie Bros.; 2, G. W. Clemons; 3, A. C. Hallman. Sec. 17, Female, any age—Rettie Bros.

Sheep

There were over 500 entries of sheep and the show was a good one. Longwools were up to the average, while Shortwools were good, and Southdowns were the best seen for years; indeed a finer exhibition of Southdowns has seldom, if ever, been shown in Toronto.

COTSWOLDS

This famous old English breed from the Cotswold Hills was well represented. In aged rams, 2 shears and over, John Park, Burgessville, won with a sheep of his own breeding, well-fitted, weighing 450 lbs. the largest sheep in the show. He was bred by the exhibitor sired by an imported ram from Messrs. A. & W. Garne, Gloucestershire, England. In shearing rams, J. C. Ross, Jarvis, was 1st with

the royal winner of 1901. He has a good head, of the old-fashioned type, with only a moderate top-knot, has a good broad back, but might be a trifle wider on the loin. He was bred by A. & W. Garne, and weighs 320 lbs. In lambs, E. F. Park was 1st, and J. C. Ross 2nd, while for ewe lambs, John Park had both 1st and 2nd. The lambs in both classes were only fair, this season not having been especially conducive to bringing out the best quality of early mutton. Ewes, both shearings and older ewes, were good, John Park getting 1st for former, and E. F. Park 1st and 3rd for the latter. John Park won for best pen, and also for best pen of lambs.

Sec. 1, Ram, 2 shears and over—1, John Park, Burgessville; 2, F. Park Elgin, Burgessville; 3, J. C. Ross, Jarvis. Sec. 2, Shearing ram—1, J. C. Ross; 2 and 3, F. Park Elgin. Sec. 3, Ram lamb—1, F. Park Elgin; 2 and 4, J. C. Ross; 3, John Park. Sec. 4, Ewe, 2 shears and under 3 shears—1 and 3, F. Park Elgin; 2, John Park. Sec. 5, Shearing ewes—1, John Park; 2, J. C. Ross; 3, F. Park Elgin. Sec. 6, Ewe lamb—1 and 2, John Park; 3, J. C. Ross; 4, F. Park Elgin. Sec. 7,



1st Prize Shearing Dorset Horn Ram, Industrial Fair, 1902. Shown by Lieut.-Col. John A. McGillivray, Uxbridge, Ont.

Pen of Cotswolds ram lamb and three ewe lambs—1, John Park. Sec. 8, Pen of Cotswolds, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs—1, John Park; 2, J. C. Ross. Sec. 9, Pens of Cotswolds, Canadian bred, 1 ram, 2 ewes, 1 year old and under 3 years—1 and 2, F. Park Elgin. Sec. 10, Best flock of Cotswolds, consisting of 1 ram, 1 year or over, 1 ewe 2 years or over, 1 ewe 1 year and under—1, J. Park. Sec. 11, Best pen of four lambs, consisting of 2 rams and 2 ewes—1, John Park.

LEICESTERS

There was a very good show of the favorite old breed of Border Leicesters scarcely as many exhibited as has sometimes been seen, but the sheep were very creditable to the breeders, and in some cases imported animals did not get to the top. A. W. Smith, Maple Lodge, had entered, but did not show, and the contest lay between three breeders, J. M. Gardhouse, Highfield, Whitelaw Bros., Guelph, and Hastings Bros., Cross Hill. The latter had 1st for aged ram, 1st for ram lamb, and 2nd for Canadian-bred pen. J. M. Gardhouse had 1st and 3rd for shearing rams, and won 1st for both old and young ewes, and 1st for Canadian-bred pen. Whitelaw Bros. won 1st

for the best pen, and also for the best pen of young lambs. They were especially fortunate in winning 1st, 3rd, and 4th for ewe lambs, and had something good in all the classes.

Sec. 1, Ram, 2 shears and over—1 and 3, Hastings Bros.; Crosshill; 2, J. M. Gardhouse, Highfield. Sec. 2, Shearing ram—1 and 3, J. M. Gardhouse; 2, Whitelaw Bros.; Guelph. Sec. 3, Ram lamb—1 and 4, J. M. Gardhouse; 2, Whitelaw Bros.; 3, Hastings Bros. Sec. 4, Ewe, 2 shears and under 3—1 and 2, J. M. Gardhouse; 3, Whitelaw Bros. Sec. 5, Shearing ewe—1, J. M. Gardhouse; 2, Whitelaw Bros.; 3, Hastings Bros. Sec. 6, Ewe lambs—1, 3 and 4, Whitelaw Bros.; 2, J. M. Gardhouse. Sec. 7, Pen of Leicesters, ram lamb and 3 ewe lambs—1, Whitelaw Bros. Sec. 8, Pen of Leicesters, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs—1, Whitelaw Bros.; 2, J. M. Gardhouse. Sec. 9, Pen of Leicesters, Canadian bred, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs—1, J. M. Gardhouse; 2, Hastings Bros.

LINCOLNS

The only exhibitors of Lincolns were J. T. Gibson, of Denfield, and his son, R. H. Gibson. The aged sheep were very good, and brought out in show shape. Their imported ram only won 3rd in his class, being beaten by two home-bred ones. The judges in their report on Lincolns, said, "This was a first-class lot of sheep, not a weak place in the whole lot."

Sec. 4, Ewe, 2 shears and under 3 shears—1, J. T. Gibson, Denfield; 2, R. H. Gibson, Denfield. Sec. 5, Shearing ewe—1 and 3, J. T. Gibson; 2, R. H. Gibson. Sec. 6, Ewe lamb—1, 2 and 3, J. T. Gibson; 4, R. H. Gibson. Sec. 7, Pen of Lincolns, 1 ram lamb and 3 ewe lambs—1, J. T. Gibson. Sec. 8, Pen of Lincolns, 1 ram, 2 ewes 1 year old and under 3 years, and 2 ewe lambs—1, J. T. Gibson; 2, R. H. Gibson. Sec. 9, Pen of Lincolns, Canadian bred, 1 ram, 2 ewes, 1 year old and under 3—1, J. T. Gibson.

SHROPSHIRE

There were a lot of Shropshires shown, about 120 head, and while there were many very good sheep, and few inferior ones, yet there were none of extraordinary excellence. Messrs. D. G. & J. G. Hammer, Mt. Vernon, had rather the best of the awards. John Campbell, Woodville, the veteran exhibitor in this class, was not far behind, while Lloyd Jones Bros., Burford, and W. S. Carpenter, Simcoe, had some very excellent animals. The latter won 1st for shearing ram, an animal of very good type. He had also 1st and 2nd for ewes 2 shears, and 2nd for best pen. Lloyd Jones had a very nice shearing ram, rather thin in flesh, but good enough to get 4th ticket. They had also 4th prize for best flock, and 4th for best pen of lambs. Haumer Bros. had no less than nine 1st prizes, including the sweepstakes ram, and sweepstakes ram lamb. John Campbell had only one 1st, that for best Canadian-bred pen, but he had no less than six 2nd prizes. Telfer Bros., Paris, got 4th place for ram lamb in a very strong class.

Sec. 1, Ram, 2 shears and over-1, D. G. & J. G. Hamner, 2 and 3, John Campbell, Woodville. Sec. 2, Shearling ram-1, W. S. Carpenter, Simcoe; 2, John Campbell; 3, D. G. & J. G. Hamner. Sec. 3, Ram lamb-1 and 3, D. G. & J. G. Hamner, 2, John Campbell, 4, Teller Bros, Paris. Sec. 4, Ewe, 2 shears and under 3-1 and 2, W. S. Carpenter; 3, D. G. & J. G. Hamner. Sec. 5, Shearling ewe-1, D. G. & J. G. Hamner, 2 and 3, John Campbell. Sec. 6, Ewe lamb-1, 2 and 3, D. G. & J. G. Hamner, 4, John Campbell. Sec. 7, Pen of Shropshires, 1 ram lamb and 3 ewe lambs-1, D. G. & J. G. Hamner. Sec. 8, Pen of Shropshires, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs-1, D. G. & J. G. Hamner, 2, W. S. Carpenter. Sec. 9, Pen of Shropshires, Canadian bred, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs-1, John Campbell; 2, D. G. & J. G. Hamner. Sec. 10, Best flock of registered Shropshires, 1 year old or over, 1 ram and 3 ewes-1 and 3, D. G. & J. G. Hamner, 2, John Campbell, 4, Lloyd-Jones Bros., Burford. Sec. 11, Best flock of four registered Shropshire lambs, 1 ram lamb and 3 ewe lambs-1 and 3, D. G. & J. G. Hamner; 2, John Campbell, 4, Lloyd-Jones Bros. Sec. 12, Sweepstakes, best ram lamb-1, D. G. & J. G. Hamner. Sec. 13, Sweepstakes, best ram lamb-1, D. G. & J. G. Hamner.

OXFORD DOWNS

R. J. Hine, Dutton, and J. H. Jull, Burford, were exhibitors of Oxford Downs, and made together a very fine exhibit. The former had rather the best of the awards, having to his credit 10 1st prizes while Mr. Jull had to be content with one 1st, and a great many minor prizes.

Sec. 1, Ram, 2 shears and over-1 and 2, R. J. Hine, Dutton; 3, J. H. Jull, Burford. Sec. 2, Shearling ram-1 and 2, R. J. Hine; 3, J. H. Jull. Sec. 3, Ram lamb-1 and 2, R. J. Hine; 3 and 4, J. H. Jull. Sec. 4, Ewe, 2 shears and under 3-1, 2 and 3, J. H. Jull. Sec. 5, Shearling ewe-1, 2 and 3, R. J. Hine. Sec. 6, Ewe lambs-1, 2, 3 and 4, R. J. Hine. Sec. 7, Pen of Oxford Downs, 1 ram lamb and 3 ewe lambs-1, R. J. Hine. Sec. 8, Pen of Oxford Downs, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs-1, R. J. Hine; 2, J. H. Jull. Sec. 9, Pen of Oxford Downs, Canadian bred, 1 ram, 2 ewes, 1 year and under 3 years-1 and 2, R. J. Hine. Sec. 10, Yearling ram-1, R. J. Hine; 2, J. H. Jull. Sec. 11, Yearling ewes-1 and 2, R. J. Hine. Sec. 12, Pen of Oxford Downs, four lambs, either sex-1, R. J. Hine; 2, J. H. Jull.

HAMPSHIRE AND SUFFOLK DOWNS

These were a small show. M. H. Cochrane, Hillhurst, Que., winning most of the prizes. Teller Bros., Paris, showed a few, and won one 1st and two 2nd prizes.

Sec. 1, Ram, 2 shears and over-1, Teller Bros., Paris. Sec. 3, Ram lamb-1 and 2, M. H. Cochrane, Hillhurst, Que. Sec. 4, Ewe, 2 shears and under-1, M. H. Cochrane; 2, Teller Bros. Sec. 5, Ewe shearling-1, M. H. Cochrane; 2, Teller Bros. Sec. 6, Ewe lamb-1 and 2, M. H. Cochrane. Sec. 7, Pen of Hampshire and Suffolk Downs, 1 ram lamb and 3 ewe lambs-1, M. H. Cochrane. Sec. 8, Pen of Hampshire or Suffolk Downs, 1 ram, 2 ewes, 1 year old and under 3 years

-1, M. H. Cochrane. Sec. 9, Pen of Hampshire and Suffolk Downs, Canadian bred-1, M. A. Cochrane.

DORSET HORNS

There was an excellent exhibit of this famous breed, and the contest was closer than it has been for years. Perhaps the best sheep in the show was Lieut.-Col. John A. McGillivray's shearling ram, a very excellent animal, broad in the back, good in the quarter, with good strong bone. This exhibitor had 18 head, 5 of these imported, and 13 home-bred. His 1st prize 2 shear ewe, imported in 1900 from the Culverhouse flock is a very level, good sheep, weighing 290 lbs. R. H. Harding, Thorndale, had also a very good flock, and was able to win 1st in both the lamb classes, but had to take 2nd place for the pen of four lambs, though, strange to say, he had in his pen, two 1st and one 3rd, as against his opponents two 2nds and one 3rd. All the other 1st prizes were won by the Uxbridge flock.

Sec. 1, Ram, 2 shears and over-1, J. A. McGillivray, Uxbridge; 2 and 3, R. H. Harding, Thorndale. Sec. 2, Shearling ram-1, J. A. McGillivray; 2 and 3, R. H. Harding. Sec. 3, Ram lamb-1 and 3, R. H. Harding; 2, J. A. McGillivray. Sec. 4, Ewe, 2 shears and under 3-1 and 2, J. A. McGillivray; 3, R. H. Harding. Sec. 5, Shearling ewe-1 and 2, J. A. McGillivray; 3, R. H. Harding. Sec. 6, Ewe lamb-1, R. H. Harding; 2 and 3, J. A. McGillivray. Sec. 7, Pen of Dorset Horns, 1 ram lamb and 3 ewe lambs-1, J. A. McGillivray; 2, R. H. Harding. Sec. 8, Pen of Dorset Horn sheep, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs-1, J. A. McGillivray; 2, R. H. Harding. Sec. 9, Pen of Dorset Horn sheep, Canadian bred, 1 ram, 2 ewes, 1 year old and under 3 years-1, J. A. McGillivray; 2, R. H. Harding.

SOUTHDOWNS

The show of Southdowns was a feature of the sheep show. They were an exceedingly good lot, and strangely enough, first honors fell to a new exhibitor, F. E. Caine, of St. Andrews, New Brunswick, who had a surprisingly fine lot, many of them winners at the late Royal Show in Carlisle, England. He had 7 1st prizes: no other exhibitor having more than one. His lambs were especially good, and his whole lot were very superior. John Jackson & Son, Abingdon, great winners in the past years, had this year, 2nd prize aged ram, 3rd prize ewe, and no other award. Teller Bros., Paris, T. C. Douglas, Galt, William Martin, Binbrook, were the other winners, the latter having best pen of lambs, bred by exhibitor, and second best flock of Canadian-bred Southdowns, 1st in the latter being won by Teller Bros.

Sec. 1, Ram, 2 shears and over-1 and 3, F. E. Caine, St. Andrew's, N. B.; 2, John Jackson & Son, Abingdon, Ont. Sec. 2, Shearling ram-1, F. E. Caine; 2 and 3, Teller Bros. Sec. 3, Ram lamb-1 and 2, F. E. Caine; 3, Wm. Martin, Binbrook; 4, Teller Bros. Sec. 4, Ewe, 2 shears and under 3 shears-1 and 2, F. E. Caine; 3, John Jackson & Son. Sec.

5, Shearling ewe-1, F. E. Caine; 2, Teller Bros.; 3, T. C. Douglas, Galt. Sec. 6, Ewe lamb-1 and 2, F. E. Caine; 3, Teller Bros.; 4, Wm. Martin. Sec. 7, Pen of Southdowns, 1 ram lamb and 3 ewe lambs-1, Wm. Martin. Sec. 8, Pen of Southdowns, 1 ram, 2 ewes, 1 year old and under 3 years, and 2 ewe lambs-1, F. E. Caine; 2, T. C. Douglas. Sec. 9, Pen of Southdowns, Canadian bred, 1 ram, 2 ewes, 1 year old and under 3 years-1, Teller Bros.; 2, Wm. Martin.

FAT SHEEP

Fat sheep were a good class, J. T. Gibson winning 1st and 3rd for yearling wethers with his long-wooled Lincolns; 1st and 2nd in wether lambs going to the Leicesters shown by J. M. Gardhouse, and Whitelaw Bros. In Shortwools, the Shropshires had the best of it, John Campbell winning for yearlings, and Lloyd Jones for lambs. Southdowns got 2nd and 3rd in yearling wethers shown by Teller Bros., and T. C. Douglas, and altogether the fat sheep were a creditable class.

Sec. 1, One fat wether, under 2 years, long woolled breed-1 and 2, J. T. Dentfield; 3, J. M. Gardhouse. Sec. 2, One fat wether, under 1 year, woolled breed-1, J. M. Gardhouse; 2, Whitelaw Bros.; 3, Elgin F. Park. Sec. 3, One fat wether, under 2 years, short woolled breed-1, John Campbell; 2, Teller Bros.; 3, T. C. Douglas. Sec. 4, One fat wether, under 1 year, short woolled breed-1, Lloyd-Jones Bros.; 2, D. G. & J. G. Hamner; 3, John Campbell.

Swine

The swine exhibit this year was a very good one. Of late years there has been a gradual weeding out of the thick, fat, heavy-weight kind, and the exhibit is becoming more largely one conforming to the bacon type which is the hog in demand in the country to-day. In the Berkshire, Yorkshire and Tamworth classes there was strong competition. In the Chester Whites and Duroc-Jerseys and other distinct breeds, competition was light. The class for other distinct breeds had better be left off next year's prize list. For the prizes given in this class, there were shown several nondescript types that had better be kept away from any show ring. The interest in the swine judging centred around the awards for bacon hogs. Here J. E. Brethour, who only showed in this class, carried off first honors.

BERKSHIRES.

The show of Berkshires was a good one, especially in young stock, which was the best seen at the Industrial in years. George Green, of Fairview, was not an exhibitor this year, having sold his show stock to Wm. Wilson, Snelgrove, Ont. For aged boars, W. H. Durham, East Toronto, had first for his large boar, a winner at many shows. Second went to Wm. Wilson, and third to Reid & Co., Hintonburg. In the yearling class, a fine lot faced the judges, who had a hard time deciding for first place, which finally went to Wilson for a firm-fleshed and good type of the breed. Second went to T. A.

Cox for a good hog a little better on his feet and better ribbed. There was little difference between the two. There was a good showing of young boars, 1st and 2nd going to Wilson for boar under 12 months, and 1st to Durham for boar under 6 months. Durham won the championship on his big boar, though many thought it should have gone to Wilson's first prize yearling. The judges, Wm. Jones and H. B. Jeffs, divided on this point, the former favoring the younger animal as being more useful, the older hog having seen his best days. A reserve judge was called in, who favored the old hog. This pig is a prize winner of long standing and a good type of the breed, but many considered that he should give way to younger stock. There was a very good showing of sows, the medal going to T. A. Cox, Brantford, for a very fine yearling sow. Among those shown were some very fine types of bacon hogs. A couple shown by Thomas Teasdale would be hard to beat in any bacon class, they having both length and depth.

Sec. 1, Boar, over 2 years—1, W. H. Durham, East Toronto; 2, Wm. Wilson, Snelgrove; 3, R. Reed & Co., Hintonburg. Sec. 2, Boar, 1 year and under 2—1, Wm. Wilson; 2, T. A. Cox, Brantford; 3, W. H. Durham. Sec. 3, Boar, 6 months and under 12 months—1 and 2, Wm. Wilson; 3, T. A. Cox. Sec. 4, Boar under 6 months—1, W. H. Durham; 2 and 3, Samuel Dolson, Alton. Sec. 5, Aged sow—1, Wm. Wilson; 2, W. H. Durham; 3, T. A. Cox. Sec. 6, Yearling sow—1, T. A. Cox; 2, W. H. Durham; 3, Wm. Wilson. Sec. 7, Sow, 6 months and under 12 months—1, W. H. Durham; 2 and 3, Wm. Wilson. Sec. 8, Sow under 6 months—1, Wm. Wilson; 2, W. H. Durham; 3, T. A. Cox. Sec. 9, Boar and 2 sows—1, W. H. Durham; 2, T. A. Cox. Sec. 10, Four pigs, get of one boar—1, Samuel Dolson; 2, Thomas Teasdale. Sec. 11, Four pigs, produce of one sow—1, Samuel Dolson; 2, Thos. Teasdale. Medal for boar—W. H. Durham.

YORKSHIRES

In Yorkshires there was not the spirited contest we have seen in other years when J. E. Brethour's Oak Lodge herd was largely represented in the ring. He did not exhibit this year in the regular Yorkshire class. There was, however, a very large representation of the breed, made up of large displays from the herds of H. J. Davis, D. C. Flatt & Son, Joseph Featherstone & Son, and R. F. Duck & Sons, Port Credit. The exhibit was as good as last year, with the exception, perhaps, of the aged boar class which was hardly up to the standard of other years. Some good ones, however, faced the judges, among them being an imported boar of good length and depth, shown by H. J. Davis, of Woodstock. Many considered that he should have had first place, but the judges knocked him out because of a tender foot which seemingly in no way injured him for breeding purposes. First place went to a boar shown by Duck & Son. His dam was bred by H. J. Davis and

his sire by Brethour. Flatt & Son secured second place. In the other classes Flatt & Son had by far the best of the awards, capturing all the firsts, excepting that for young boar which went to Featherston, and most of the seconds. There were some good herd lots shown, the four pigs get of one boar shown by Flatt & Son being very good specimens of the breed. A large number of sales were made, H. J. Davis selling a good share of his exhibit of 26 animals at satisfactory prices.

Sec. 1, Aged boar—1, R. F. Duck & Sons, Port Credit; 2, D. C. Flatt & Son, Millgrove; 3, Joseph Featherstone & Son, Streetsville. Sec. 2, Yearling boar—1 and 2, Flatt & Son; 3, Featherstone & Son. Sec. 3, Boar, over 6 months and under 12 months—1 and 2, Flatt & Son; 3, Duck & Sons. Sec. 4, Boar, under 6 months—1, Featherstone & Son; 2 and 3, Flatt & Son. Sec. 5, Aged sow—1 and 2, Flatt & Son; 3, Featherstone & Son. Sec. 6, Sow over 1 and under 2 years—1 and 2, Flatt & Son; 3, Duck & Sons. Sec. 7, Sow over 6 months and under 12 months—1 and 2, Flatt & Son; 3, Duck & Sons. Sec. 8, Sow under 6 months—1 and 2, Flatt & Son; 3, Duck & Sons. Sec. 9, Boar and two sows—1 and 2, D. C. Flatt. Sec. 10, Four pigs the get of one boar—1, Flatt & Son; 2, Duck & Sons. Sec. 11, Four pigs, the produce of one sow—1, Flatt & Son; 2, R. F. Duck & Sons.

TAMWORTHS,

There was a large and representative show of Tamworths with a better average quality, perhaps, than has been seen at Toronto for several years, all classes being well filled. It cannot but be noted, however, that the Tamworth breeders are not showing the skill and enterprise in perfecting this bacon hog that the Yorkshire breeders are doing. As a class the breed has not made the advancement the Yorkshires have in recent years, due largely to the lack of enterprise shown by many of their champions. The show this year, however, was a good average one, and indicated that this favorite with many as a bacon hog is not going back at any rate. Competition, especially in the younger classes was most keen, Douglas & Sons, Mitchell, and Colwill Bros., Newcastle, being the largest winners, with the former securing the bulk of the firsts. Reid & Co., Hintonburg, secured several prizes, among them being first for yearling boar for a lengthy animal.

Sec. 1, Aged boar—1, Colwill Bros., Newcastle; 2, Reid & Co., Hintonburg; 3, Frank R. Shore & Son, White Oak. Sec. 2, Yearling boar—1, Reid & Co.; 2, Shore & Son; 3, D. Douglas & Sons, Mitchell. Sec. 3, Boar, over 6 months and under 12 months—1 and 2, Douglas & Son; 3, Colwill Bros. Sec. 4, Boar, under 6 months—1, Douglas & Son; 2, Reid & Co.; 3, Colwill Bros. Sec. 5, Sow, over 2 years—1 and 2, Colwill Bros.; 3, Reid & Co. Sec. 6, Yearling sow—1, Colwill Bros.; 2, Shore & Son; 3, Reid & Co. Sec. 7, Sow, over six months and under 12 months—1 and 2, Douglas & Sons; 3, Colwill Bros. Sec. 8, Sow, under 6 months—1 and 2,

Douglas & Sons; 3, W. F. Selby, Newcastle. Sec. 9, Boar and 2 sows—1, Colwill Bros.; 2, Reid & Co. Sec. 10, Four pigs, get of one boar—1 and 2, Douglas & Son. Sec. 11, Four pigs, produce of one sow—1 and 2, Douglas & Son.

CHESTER WHITES.

There was only one exhibitor in the Chester White class, W. E. Wright, Glanworth, Ont., who had out some very good types of the breed.

DUROC JERSEYS.

W. M. Smith, Scotland, Ont., Tape Bros., Ridgetown, and W. N. Tapp, Bentpath, were the exhibitors in this class. With the exception of the young boar and young sow classes, there was very little competition, the prizes being fairly well divided, the two first named securing the bulk of the awards.

OTHER DISTINCT BREEDS

There were several exhibitors under this heading, including Featherstone & Son, T. A. McClure, Meadowdale, Ont., W. M. Smith, Scotland, and R. F. Duck & Sons. With the exception of a few fine specimens of Poland-Chinas and Essex hogs, the display was not a very creditable one. Many of the animals shown had better had been left at home. They served, however, to win the prize money for their owners as the judges did not care to take the responsibility of throwing them out altogether, though they would recommend doing so another year.

EXPORT BACON HOGS.

The contest for the coveted prize for the best pen of export bacon hogs was the event of the show in the swine department. While the prizes in the regular classes are valuable, to win in the round-up of the bacon hogs is the most valuable and most coveted of all. There were two classes, one for the best pen of a pure-bred hogs suitable for export bacon, and one for the best pen of any breed, grade or cross, for the same purpose. The prizes in the latter are given by the Wm. Davies Co., Toronto, and in the former by the Exhibition Association. Some dozen lots made up of pure-bred Tamworth, pure-bred Yorkshires and grades and crosses of these breeds faced the judges, Mr. Leach of the Davies Co., and Mr. Hodges of the Brantford Pork Packing Co. They were a very fine lot, and the judges had some difficulty in deciding upon the winners. On the whole the Tamworths were not as good as those shown last year in this section, while the Yorkshires showed considerable improvement over those of the breed shown in the bacon classes last year. The judges thought so, too, and the five prizes in both classes went to representatives of this breed. The contest for first place was cut down to two lots, one shown by J. E. Brethour, and the other by Joseph Featherstone & Son, and here the judges balked. Mr. Leach favored Featherstone's lot and Mr. Hodge

Brethour's lot. Mr. Wm. Jones was called in as reserve, and he gave the coveted first prize to Brethour for his pen of four typical bacon hogs that should kill well. Featherstone's lot looked to be better finished, but experts claimed that they would not kill out as well. They were both of good bacon type, and if we had more of them in the country so much the better for the bacon trade. D. C. Flatt & Son had third place for a rather fine lot. R. Duck & Son had 4th and J. E. Brethour 5th for a second exhibit. As all the hogs shown were eligible for the second class, the awards there were the same.

LIVE STOCK JUDGING

Horses—1, A. Cameron, Amman, Ont.; 2, Robt. G. Baker, O.A.C., Guelph; 3, Fred. W. Brodwick, St. Catharines; 4, Thos. Blain, Gifford.

Dairy cattle—1, Percy F. Clemons, St. George; 2, J. M. McCallum, Shakespeare; 3, B. E. Gilpin, Gorrie; 4, R. H. Williams, Berlin.

Beef cattle—1, W. J. Gardhouse, Highfield; 2, J. M. McCallum; 3, R. J. Deachman, Guelph; 4, A. S. Gardhouse, Highfield.

Sheep—1, R. G. Baker, Guelph; 2, Jas. A. Teller, Paris; 3, M. Barnhouse, Highfield; 4, W. J. Gardhouse, Highfield.

Swine—1, Wm. McCrae, Guelph; 2, J. M. McCallum; 3, R. H. Williams; 4, A. E. Shore, White Oak Ont.

The Dairy Building

For a number of years the dairymen have been agitating for a more commodious and up-to-date building at the Industrial, but through the generosity of the citizens of Toronto there is now no more room for complaint. The new building is certainly one splendidly adapted for the purpose. If it has any fault, it is that of being too small, especially in the portion set apart for cheese and butter making competitions. The space devoted to making operations seems ample for present needs, but the seating accommodation for visitors seems to be woefully inadequate. The elevated seats provided will accommodate a couple of hundred persons, where a seating capacity for 1,000 would be well filled at each competition. During the first week the place was crowded, many being unable to gain admission, while during the last week hundreds who came to see and learn something about good butter and cheese making were compelled to return home without it. However, a splendid start has been made and increased accommodation can be provided later on.

The dairy building throughout presented a scene of activity and beauty that could never have been realized in the old quarters beneath the grand stand. All the dairy machinery and appliances were in this building and most attractive exhibits they made as arranged by the different exhibitors. There was the largest exhibition of cream separators ever seen in Canada. All the Canadian manufacturers as well as the American and

other firms doing business here made large displays. These included the Sharples Company, with four separators, including one power machine; the N. S. Butter Extractor Co., with seven machines; C. Richardson & Co., St. Mary's, Ont., with several American cream separators and a complete farm dairy outfit upon which they won first prize; the R. A. Lister & Co., Montreal, with 15 Melotte separators; the De Laval Separator Company, Toronto, with 10 of their well-known hand power separators. Their exhibit included a combined churn and a cream vat, shown by the Creamery Package Company of Cowansville, Que.; the Vermont Farm Machine Co., Bellow's Falls, Vt., with a good showing of the U. S. cream separators; the Raymond Mfg. Co., Guelph, with 7 National separators; Petrie, Taylor & Co., of the same place, with several Magnet separators, and D. Derbyshire & Co., Brockville, with one Simplex separator. Other interesting exhibits in this building were that of the City Dairy Co., Toronto, and the Linde British Refrigerator Co., Montreal. The latter had one of their machines in operation, and with it kept the temperature in the refrigerators in the building cool. The piping connecting the machine with the refrigerators was covered one inch thick with ice, a striking object lesson to the onlooker. Some Arctic butter boxes were shown by a Toronto firm.

CHEESE.

The number of cheese shown was not as large as we have seen. This was due partly to lessening the number of cheese in one or two classes required to be sent by each exhibitor. There was, however, a good representative exhibit, there being no less than 127 entries in the different classes. The quality, generally speaking, was the finest ever seen at a Canadian exhibition. This was especially true as regards flavor and texture, which, owing largely to the favorable season, were of the best. This was well shown by the judge, Mr. J. A. Ruddick, Chief of the Dairy Division, Ottawa, who, in his first scoring, made a difference of only six points between all the exhibits. He emphasized the fact, that at no previous exhibition had the quality been of such a high order. The finish of the cheese was good, and their general appearance attractive, though if they had been placed on shelves, one rising back of the other with a slope to the front they would have shown off to better advantage. The challenge trophy this year for the highest scoring cheese was taken by W. P. Stacey, Fullarton, Ont. Last year it was won by Mr. R. H. Green, Trowbridge, Ont. The following is the list of the awards in the different classes

For the best two colored cheese, made between August 1 and 15—1, John Connolly, Malcolm, Ont.; 2, R. H. Green, Trowbridge; 3, Miss Mary Morrison, Newry; 4, R. W. Thomp-

son, Springbrook; 5, Walter Hamilton, Listowel.

Best two white cheese made between August 1 and 15—1, W. P. Stacey, Fullarton; 2, Walter Hamilton; 3, J. R. Cosens, Ethel; 4, R. H. Green; 5, Ira T. Whitton, Lavender.

Best four-colored cheese, two made in June, two in July—1, R. W. Thompson; 2, M. Morrison, Harrison; 3, Thos. Cornett, Shelburne; 4, Geo. A. Boyes, Putnam; 5, J. W. Claridge, Glen Huron.

Best four white cheese, two made in June and two in July—1, Miss Mary Morrison; 2, M. Morrison; 3, Wm. A. McLaren, Avening; 4, J. W. Claridge; 5, W. F. Gerow, Napanee.

Best three Canadian Stilton—1, Miss Mary Morrison; 2, W. F. Gerow; 3, J. H. Williams, Lyons.

Best three Canadian flats (white or colored)—1, Geo. A. Boyes; 2, Mrs. T. Potter, Enniskillen; 3, R. J. Cudde, East Oxford.

BUTTER.

Mr. Ruddick judges the butter as well as the cheese. The display was not as large as we have seen at the Industrial. A feature was the comparatively good quality of the farm dairy butter, showing that farmers are taking more pains with the butter they make. It is interesting to note that in the list of awards the exhibits from the cream-gathering creameries had a good place. Though not carrying off the highest awards, they certainly showed in the scoring that good butter could be made on this plan. The challenge trophy this year went to Quebec, and deservedly so, the fortunate winner being Mr. H. Weston Parry, Compton, Que., a graduate of the Guelph Dairy School. The butter winning the trophy scored 98 points, the next below being that of James Ireland & Sons, Beachville, scoring 97½. The following are the butter awards:

Best two tubs or boxes export butter—1, H. W. Parry, Compton, Que.; 2, James Ireland & Sons, Beachville; 3, Smith & Wenger, Aytton; 4, Isaac Wenger, Aytton; 5, Jos. F. Babb, Gifford.

Best 75 lbs. creamery prints—1, Jas. Ireland & Sons; 2, Smith & Wenger; 3, F. W. Smith, Eaverton; 4, W. H. Bubacher, Fergus; 5, Geo. Balkwill, Lafontaine.

Best 60 lbs. creamery butter—1, James Ireland & Sons; 2, W. H. Bubacher; 3, Lackner & Ferguson, Chesley; 4, Isaac Wenger; 5, George Neigh & Son, Mitchell.

Best two tubs farm dairy butter, not less than 30 lbs. each—1, Andrew Thomson, Fergus; 2, Chas. F. Rogers, Dorchester Station; 3, Miss Martha Hunter, Rockton; 4, Duncan Stewart, Hampstead; 5, Mrs. T. A. McClure, Meadowdale.

Best two firkins, not less than 20 pounds each—1, Miss M. Hunter; 2, D. Stewart; 3, Mrs. Wm. Doherty, Ellesmere; 4, Chas. E. Rogers; 5, Mrs. L. Potter, Enniskillen.

Best basket 1 lb. prints—1, Miss M. Hunter; 2, Chas. E. Rogers; 3, J. M. MacKay, Elmbank; 4, D. Stewart; 5, H. J. Scripture, Brighton.

BUTTER MAKING COMPETITIONS.

There were two classes in the butter making competitions, one for professionals, or students and ex-students of any dairy school, or makers in any established creamery. These made during the

first week of the Fair, Miss Miller, of Guelph, acting as judge. There were eight competitors who made several different batches of butter during the three or four days of the competition. The makers this year had to ripen the cream and carry through the whole process to the finished article. This was made possible in the new building with its better equipment and served to show the mavers' skill through the various stages of the process. The operations were watched by hundreds who remained until the work of each day was completed. The competition was indeed one of the best attractions on the grounds. The following are the awards in the two classes; Prof. Dean acted as judge in the home dairy class.

Professionals.—1. M. L. Green, Loyal; 2. Miss Ethel M. Hewson, Maryfield; 3. V. Hooper, O.A.C., Guelph; 4. Miss Helen C. McAllister, Beachville.

Sec. 2. For farmers' wives or daughters, or help in any farm dairy.—1. Miss Jeannette Stewart, Hampstead; 2. Miss J. McGill, Eramosa; 3. Mr. M. Stonehouse, Port Perry; 4. Mr. R. S. Hambleton, Jarvis.

During the competitions, instructive talks on butter and cheese making were given by the judges, Mr. James Stonehouse, superintendent of the Dairy building, and others. On one of the days of the first week the visitors had the pleasure of hearing Prof. Robertson.

The visiting dairymen were loud in their praises of the new building, which they proclaimed to be the very best in the Dominion. Much of the credit for this good work is due Mr. A. F. MacLaren, M.P., the director in charge of the dairy department of the Fair. Among his contributions to the Fair is an illuminated photograph of the Canadian Coronation Arch, placed at the west entrance to the building, and which attracted much attention. The walls of the dairy building were erected by the National Portland Cement Co., Durham, Ont. The material supplied is very well suited for a building of this nature.

A fine exhibit of dressed poultry and eggs was shown in the Dairy Building, particulars of which will be found under poultry exhibits.

Fruit

The fruit building was again the centre of attraction for a great many visitors to the Fair. The display, though well up to that of other years, in many respects was somewhat disappointing. This is said to be a good year for fruit, generally speaking, and one would naturally expect to have seen an extra large display. On the contrary, however, there were more empty shelves than were to be seen last year. This was due to the lateness of the season; a great many who had entered fruit found that when Exhibition time came it was not sufficiently matured for show purposes, and consequently they kept it at home. Immaturity

was characteristic of nearly all the fruit shown. Many apples were also scabby, indicating that there will be fewer really choice apples in the country than was expected some weeks back. In sections where spraying was neglected the fruit is very bad with scab. The display of grapes was small, owing to the immaturity of the fruit. Plums, peaches and pears showed up very well, though in quantity they were behind displays of other years. This was also due to the lateness of the season.

While the fruit exhibit, generally speaking, was behind that of other years, there were a few special exhibits that excelled anything we have seen at this or other shows. The fruit display made by the Niagara Township Fruit Growers' Association was a most excellent one, both as regards the extent and quality of the fruit. This collection had been prepared by Mr. Wm. Armstrong, of Queenston, Ont., who collected the fruit from within a radius of three miles of that village. The fruit was well matured and the display, as arranged by Mr. Armstrong, was most attractive. The different fruits, including apples, pears, plums, grapes, etc., were artistically arranged on a table stretching one-half the length of the hall. In the centre of the table a rack was erected upon which hung branches with the fruit unpicked, and rich clusters of fruits of all kinds. This could only be appreciated by being seen. A few object lessons in the way of cases for shipping grapes and others similar to egg cases for shipping plums and peaches were shown among the fruit and which attracted considerable attention. The extent of Mr. Armstrong's collection may be gathered from the fact that he brought with him to Toronto a ton of fruit, and only the best of this was placed upon the platforms.

For several years the Burlington District has captured the prize given for the best display of fruit made by any fruit association in the province. The Niagara Tp. Assoc. were determined to secure this prize this year and they did so without any difficulty. The Burlington section made no display. The Belleville district made a very good showing, but theirs had the fault of the general display in that the fruit was somewhat immature.

ONTARIO FRUIT STATIONS.

Another attractive display which seems to be getting more interesting and instructive every year was that of the Ontario Fruit Experiment Stations. There were 11 stations in all represented, showing the possibilities of the various parts of the province in fruit culture. The exhibit was an eye-opener to many. The show of plums from the Simcoe and North Grev Stations was an excellent one, showing the possibilities of the more northerly parts of the province in growing the finest of fruits. These sections are among the best producers of apples in Canada.

The usual display of flowers and foliage plants was made in an annex to the Horticultural hall.

Honey

The beekeepers, like the dairymen, have for several years had a grievance. Of late years they have had to be content with a large tent in which to show their goods. This caused many to lose interest in the Fair, and, consequently, this year, though a building was provided for them, there was not as large a display of honey as there should have been. The quality this year is very good. An interesting feature of this exhibit was Mr. R. F. Holtermann's practical talks about bees. He had a hive of bees in an enclosure covered with fine netting. From this enclosure Mr. Holtermann told the onlookers all about bees, while they crawled over and around him as if he were their best friend, and never offered to prod him with their javelins.

A full report of the Poultry, Agricultural Machinery and the New Ontario exhibits will appear next week.

FARM FOR SALE CHOICE LOCALITY RARE OPPORTUNITY

Farm in Township of Blandford, in the County of Oxford, 300 acres, brick residence and large frame outbuildings, about 200 acres cleared, 100 acres beautifully wooded, suitable for stock farm; part of old Vansittart Estate at Eastwood, four miles east of Woodstock; schools, church, post-office, stores and all conveniences in village adjoining. Will be sold on easy terms. Apply to

E. W. NESBITT, Woodstock; or
JOHN MASSEY, 14 Toronto St., Toronto

CHAMPION EVAPORATOR



Save Your Fruit

and dry it with
**Champion Fruit
Evaporator**

Dries all kinds of fruit and vegetables, producing a superior quality of clean white fruit. It is made of galvanized iron, is lined throughout with asbestos, is fire proof and portable. Made in five sizes. Catalogue for the asking.

Maple Syrup Evaporator.

Not a single feature of the "Champion" Evaporator could be dispensed with and leave a perfect Evaporator. Durability, rapidity, and high quality of product, with saving of fuel, are its features. Our sectional pan system makes it easy to handle, and everlasting. Write for catalogue, state the number of trees you tap, and an estimate of your requirements will follow.



THE GRIMM MFG. CO. - 84 Wellington St., MONTREAL.

The Sugar Beet World

Devoted to Sugar Beet Culture in Canada and Allied Industries. Specially
Representing the Farmers' Interests

Edited by JAMES FOWLER

Sugar Beets.

Farmers who have grown beets this year for sugar have learned that the crop has not been so hard to handle as expected.

That to give the best results he must prepare his land in the fall.

That all the help required can be obtained.

That it is necessary to put his best land into beets in order to be more than fairly successful.

That the children take to the thinning and weeding and can accomplish as much as a man.

That a very large tonnage can be raised if the land is suited to the crop.

That the beet crop is a money maker if rightly handled.

And, he will learn the value of the beet pulp for feeding purposes, the value of the lime cake for fertilizer, the benefit to himself, his family, and the community and will continue to raise sugar beets for sugar and for profit.

At the Exposition

The exhibit of sugar beets at the Exposition made under the direction of the Minister of Agriculture by Prof. Harcourt was one of the most interesting and instructive exhibits upon the grounds, as was evinced by the large crowd of people who were deeply interested in getting all the information possible from those in charge.

Immediately outside of the building was an illustration plot in which beets were shown in different stages of growth. Some sown in April had attained their full growth and were adding to their sugar content by the warm weather and maturity. Some were just ready for thinning and others had recently been thinned. The plot was certainly an object lesson to those not familiar with sugar beets grown for sugar. Inside of the building samples were shown from the six experimental sections conducted this year by the government under the supervision of Prof. Harcourt. These districts are Brantford, Brussels, Guelph, Markham, St. Catharines and Orangeville. There were samples also shown by the four factories now building and which will be in operation this fall. The most instructive feature was the exhibit of typical shaped beets alongside of some which had been improperly grown, also the method of topping required by the sugar factories. Beets where improperly grown showed fully 30 p.c. waste while those properly grown had only about 10 per cent. The exhibit of implements used in the cultivation of the sugar beet also attracted considerable attention, and was of great interest to those who

think of growing beets next year. Photographs of the Wallaceburg and Dresden factories were shown also photos of school children thinning beets. The growth of the sugar beet industry has been remarkable in Ontario. Four factories are now under construction, costing over \$2,000,000, and it is estimated that nearly \$1,000,000 will be paid for beets this year.

This has been rather a bad season for beets on account of so much wet weather and it has cost the farmer more to raise them than it will another on account of so much weeding, but the crop is a successful one, and the farmers are satisfied with it.

Beet Sugar Industry

By Mr. CHARLES F. SAYLOR, Special Agent of the Department of Agriculture, United States.

There are two sides to the proposition of establishing a sugar factory in any particular community: First, that of the farmer involving agricultural conditions; and, second, that of the manufacturer, of those financially interested in the enterprise.

The leading difficulties of the farmer may first be noticed: To begin with, he is unacquainted with the methods of cultivating the sugar beet plant, and his first experience usually proves unsatisfactory. He is accustomed to certain methods in farming. As a rule he is conservative, and thinks, from his long experience in farming, that he knows how. He undertakes to apply the methods used in the cultivation and production of other crops. He is not inclined to listen to those who are posted in methods used in the cultivation and production of other crops. He is not inclined to listen to those who are posted in methods applicable to the new crop. Eventually he finds out his mistake. He finds that in growing sugar beets he must apply principles, in many cases, the reverse of those necessary to other crops. For instance, he has been accustomed to growing large ears of corn, large hogs and large steers; but in the case of sugar beets he finds that the first question is not one of size, but of quality. He must grow beets of a certain size, purity and sugar content. In order to accomplish this he must give careful attention to the work of preparing the land, planting the seed, bunching, thinning and cultivating. He finds that attention to details counts in results at the harvest and the profits of this crop. He learns that the whole process is a very laborious and expensive one, entirely unlike anything he has attempted before. To be successful, he must apply the methods of the gardener to a field

crop; he must have a rich soil and the proper rain conditions at the proper time. These facts can only be learned through experience.

FARM LABOR

The labor problem is important in the cultivation of sugar beets. At certain stages of their growth sugar beets require a considerable amount of labor. This labor is very tiresome. As a rule the farmer, if he grows beets to any extent, does not have on his farm sufficient labor to take care of the work of thinning, bunching, hoeing and harvesting the sugar beets; nor does any farming community possess to any considerable extent the labor necessary to grow the beets that a factory will require in a campaign. It will cost about \$30 an acre in sections where sugar beets are grown under rain conditions, and about \$40 to \$45 an acre in sections where beets are grown by irrigation, to cover the cost of seed, preparation of seed bed, bunching and thinning, hoeing, cultivating, harvesting and delivering to the factory. These estimates apply to growing sugar beets when it is done right. In the farming communities of foreign countries, as a rule, a large amount of suitable labor can be secured in the neighborhood, because these neighborhoods are more thickly settled, the whole population is willing to do the laborious, tedious work required, and whole families work at it, including the father, mother and children. In this country, as a rule, the farmer, his older sons and hired hands must attend to the outdoor work. It has been found necessary for the sugar beet growers to resort to the cities and towns for the extra labor required. Most of this work comes about the time the public schools are closed, and boys from 12 years up are used for bunching and thinning the beets, for hoeing them during the season and to aid in the harvesting, by piling the beets, cleaving the tops and loading the beets into wagons. In the cities also live many foreigners from Holland, Germany, Russia, Sweden and other countries, who are thoroughly familiar with this kind of work. These people are willing to move out into the fields and live in tents and make contracts at so much per acre for bunching, thinning, hoeing, weeding and harvesting. Since the starting of the beet sugar industry in this country many other foreigners are coming here, knowing that they can secure employment of this kind. While the labor question is a serious one, it is one capable of solution.

PROBLEMS FOR THE MANUFACTURER
The manufacturer or the capital-

ist who builds a factory finds that he has even more problems to work out than the farmer, and, like the farmer, he usually discovers that he is entering a field that is entirely new to him.

NECESSARY INVESTIGATION.

Before establishing his plant the prospective manufacturer must thoroughly investigate conditions: (1) The water supply. He must have an abundant supply of pure water for the use of the factory. (2) The fuel supply. The factory must be located in a section where cheap fuel can be secured. The fuel used is usually coal, but on the Pacific coast petroleum is used to a large extent, and in some of the mountain states it is found that wood is the cheapest fuel. (3) The market for the products. (4) The matter of transportation. This should be thoroughly canvassed and settled prior to establishing the factory. The fact that it is proposed to establish a factory on a particular line of railroad can generally be used as a lever to secure, by contract, low freight rates for the future, both in shipping beets and the finished product—sugar. (5) The supply of lime. The local quarries of lime rock must be investigated to see if the quality is suitable and the supply sufficient as a large amount will be required.

The general conditions having been found satisfactory and the factory being built, other problems arise. In the beginning only a limited amount of skilled labor is employed. Eventually every employe of the factory will become skilled in his particular part. After two or three campaigns have passed the factory has worked out the details of producing the best product at the cheapest cost with the machinery which it has. When this point shall have been reached those interested will be prepared to estimate the cost of production of beet sugar. The difference in cost of production at a new factory and at one operated for a considerable time is much greater than one unacquainted with the subject would suppose.

A New Good Roads Association

On Tuesday, at the Exhibition, a new association for the promotion of good roads was formed. There was a large attendance and addresses were given by H. B. Cowan, Ottawa, A. W. Campbell, Commissioner of Highways, Nelson Monteith, Geo. Graham, and others. It was decided to form an association to be known as the Good Roads Association of Western Ontario, to cover the province west of Kingston. Mr. George Gero, Warden of Ontario County, was elected president and Mr. J. E. Farewell, clerk of Ontario County, secretary-treasurer. The membership of the association will be largely made up of municipal officers representing the different counties and townships in the district represented. The first annual meeting will be held on the second Tuesday of the Toronto Fair of 1903.

The "NATIONAL" Cream Separator



The "National" is a purely Canadian made machine throughout, which cannot be said of some others. Intending purchasers are invited to call at our factory in Guelph, where they may see the machine and all its parts in course of construction.

Superiority of the "National"

It possesses all the strong points found in other Cream Separators, while it is free from objectionable points that make other machines hard to run, and a source of trouble to those who operate and clean them.

The National is simple in construction, handsome in design, and finely finished; easy to operate, and few parts to clean; a perfect skimmer with a larger capacity than any other separator at the same price. Every machine guaranteed to do good work.

Capacity of No. 1.—330 to 350 lbs. per hour.

Capacity of No. 1 A.—450 to 500 lbs. per hour.

Give the "National"
a Trial.

GENERAL AGENCIES—

Creamery Supply Co., Guelph, for South-western Ontario.
T. C. Rogers Co., Guelph, for Ontario North and East.
Jos. A. Merrick, Winnipeg, for Manitoba and N. W. T.

MANUFACTURED BY
The Raymond Mfg. Co. of Guelph, - Limited
GUELPH, ONTARIO.

Exhibit in Dairy Building, Toronto Exhibition.

The **Booth Copper Co., Limited**
COPPERSMITHS
Established 1854

COPPER WORK FOR **Sugar Houses**
Breweries
Distilleries, Etc.

115-123 Queen Street East, - TORONTO, CANADA

The **Kilby Manufacturing Co.**

FOUNDERS AND MACHINISTS

Corner Lake and Kirtland Streets, **Cleveland, Ohio** New York Office: 220 Broadway.

Builders of Complete Machinery for Beet, Cane and
Glucose Sugar Houses and Refineries.

When writing to advertisers kindly mention **THE FARMING WORLD.**

The Agricultural Gazette

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

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

Annual Membership Fees:—Cattle Breeders', \$1; Sheep Breeders', \$1; Swine Breeders', \$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' Association is allowed to register sheep at 50c. per head, while non-members are charged \$1.00.

The name and address of each member, and the stock he has for sale are published once a month. Over 1000 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 who wishes 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.

A. F. WESTERVELT, Secy. gen.
Parliament Buildings, Toronto, Ont.

List of Stock for Sale.

DOMINION CATTLE BREEDERS' ASSOCIATION.

Shorthorns.

Anderson, Duncan, Rugby.—4 bulls 6, 9, 10 and 12 months respectively.

Jeffs, E. & Son, Bond Head.—2 yearling bulls, 5 bull calves, heifer calves, yearlings and 2 year olds, young cows.

Smith, J. J., Enniskillen.—1 bull 14 months.

Devons.

Harper, Samuel, Cobourg.—Cattle both sexes, all ages.

Ayrshires.

Taylor, F. W., Wellman's Corners.—6 bull calves.

Yuill, J. & Son, Carleton Place.—6 bull calves 8 months, females all ages.

DOMINION SHEEP BREEDERS' ASSOCIATION.

Leicesters.

Harper, Samuel, Cobourg.—Rams ram lambs, ewes, ewe lambs.

Jeffs, E. & Son, Bond Head.—1 aged ram, 1 shearing ram, 10 ram lambs, aged ewes, shearing ewes and ewe lambs.

Shropshires.

Yuill, J. & Son, Carleton Place.—2 rams, 2 shears, 4 rams, 1 shear 6 ram lambs, ewes all ages.

DOMINION SWINE BREEDERS' ASSOCIATION.

Berkshires.

Jeffs, E. & Son, Bond Head.—1 aged boar, 4 young boars, 1 sow, 1 year, 10 young sows, sucklings.

Pritchard, R. J., Roland, Man.—1 young boar, 2 sows farrowed April 30th, pigs all ages, boar for sale or exchanged for another good boar.

Sherwood, T. Ferguson.—5 sows, 6 months, 10 sows 6 weeks, 4 hogs 6 weeks, sow 1 year to farrow this month, 1 hog 22 months.

Wagg, W. I., Mindemoya.—5 boars, 4 months, 1 sow 4 months, 1 boar 18 months, 1 sow 7 months, 1 sow 15 months.

Yorkshires

Scanlan Bros., Ennotville.—15 pigs 4 to 6 weeks, 8 sows, 7 boars. Thurston, C. W., Oak Heights.—1 yearling sow, 6 boars 6 to 10 months, sows from 3 to 9 months, young pigs both sexes.

Yuill, J. & Son, Carleton Place.—1 boar 6 months, 1 boar 5 months, 1 boar 4 months, sows all ages.

Bernath, Jas., Nashville.—1 boar 1 year, 3 boars 6 months, 3 sows 6 months.

FARM HELP EXCHANGE.

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

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

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

Help Wanted.

Wanted—Man or boy to work on a farm till Dec. 1st. Prospects for further employment. Apply at once, stating qualifications, etc., to G. C. Good, O.A.C., Guelph. a.

Domestic Help Wanted

Wanted a situation as housekeeper in a respectable family. Ready to take position immediately. No. 607. a.

Situations Wanted.

Wanted.—A situation as housekeeper in a small family. Single man or widower preferred. Applicant experienced, capable and trustworthy. Can supply good references. No. 606. b.

Wanted—Trio of goats. Apply to Rev. P. E. Gendreau, Rat Portage.

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

Farmers' Institutes.

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

G. C. CREELMAN,
Superintendent Farmers' Institutes.

Florists' Convention.

On September 3rd and 4th, a convention of professional florists and gardeners, under the name of the Canadian Horticultural Association, held its fifth annual meeting in the city of Hamilton. The Association was entertained by the Hamilton Florists' and Gardeners' Club, which did everything in its power to make their guests at home and give them an opportunity of seeing the beauty of the city and surrounding district.

The first session opened on September 3rd, at 2:30 p.m., in the City Hall. Among other initial business the question of establishing a trade paper was discussed. Along this line, the Association was favored with very valuable information from F. R. Pierson, of Tarry Town, New York. It was finally decided that the Association was scarcely able yet to undertake such a venture. At the evening session a very interesting and instructive paper by C. A. Smith, Esq., of Montreal, was read by President Bennett. Mr. Smith not being present. Then followed a paper by Edward Dale, the large rose grower of Brampton. Mr. Dale told of experiments he had tried as to the best method of making cuttings of roses. After considerable experimenting he was convinced that cuttings with two buds always made better and stronger plants in a given time than the one-bud cutting. For this the cuttings were placed four weeks on the benches in sand three and a half to four inches deep and kept at a night temperature of 56 degrees and day temperature of 66 degrees Fahr. After being rooted in the benches, the cuttings were placed in two-inch pots and grouped together and a limited amount of water given them. After grow-

ing for some time, the plants were selected, a larger space being given to those that had grown considerably, and the smaller ones could be grouped together as formerly. One point Mr. Dale strongly emphasized, was that plants should never be checked during their growth, but care should be taken that all the conditions were suitable for their unretarded development. On being placed in the closed benches, these plants should be given five inches deep of soil and placed from twelve to eighteen inches apart.

The question came up as to whether roses were better on their own roots or on the manetta stock. Mr. T. Manton, of Toronto, said that a great change had taken place in this matter in the last ten years. It had always been formerly understood that roses were always better on their own roots, but now the manetta stock is almost entirely in use. Another question which came up, was the advisability of grafting roses in the growing or dormant condition. The practice at present followed is in grafting stocks on growing roots, but this, of course, had the disadvantage that it was a much slower operation in grafting the plants in the pots. Many present thought that roses might be budded in the dormant condition the same as nursery stock, and thought it worthy of experiment.

At the close of the session, Mr. W. N. Hutt, of the Department of Agriculture, Toronto, was asked by the President to make a few remarks, and he pointed out to the convention the advisability of having such a meeting well advertised and programmes widely distributed so that the whole country at large could have the benefit of listening to the valuable papers just given, instead of the speakers having to address forty or fifty people.

Mr. Hutt said, that in view of the Association not being able to start a paper of their own that the interests of the Association might be affiliated with the already existing Fruit Growers' Association and Horticultural Societies, so that their papers and reports would be distributed widely throughout the country. Mr. Hutt offered the Association and the assembled florists the columns of the Horticulturist for publication of the papers read at the Association, and, in addition, offered the Journal to the Association at the club rates now given to horticultural societies throughout the province. Mr. Hutt pointed out the benefits the Association might receive in commercial lines as well as in other ways in making their floral shows and exhibitions of the highest educational value possible. He suggested that at the meetings papers be read on "City Improvement," and showed how the trade in flowers and bulbs could be increased by making the subject a popular one and getting the people interested in it. People, said Mr. Hutt, are constantly writing to the depart-

ment for information about the growing of different varieties of plants. This work might well be done by an association of this kind, and the more the public is informed on plants and how to grow them, the more bulbs and flowers they will want to buy.

On the morning of the 4th inst., under the direction of Secretary Lawson, of the Hamilton Florists' Club, the visiting florists were taken to Winona on the Hamilton and Grimsby Railroad, and shown about the packing houses, nursery and grounds of Mr. E. D. Smith. Returning to the city, they were entertained for dinner at the Mountain View Hotel, where the usual round of complimentary toasts were gone through with.

On returning to the afternoon session in the City Hall, a paper was read by Mr. Andrew Alexander, President of the Hamilton Horticultural Society, on the subject of the "Hardy Perennial Border." Mr. Alexander remarked how beautiful the old plants were that were used in Old Country gardens, and named many plants that were hardy and would do well in this locality, and gave cultural direction for growing many varieties. Mr. Alexander's paper was a model of language as well as of matter. Mr. Algie, of Brampton, remarked that it was not only splendid explanation of the subject, but was also a poem.

Prof. Hutt, of the Ontario Agricultural College, read a paper on "The Relation of the Professional Florist to the Local Horticultural Societies." This paper brought out much discussion from members of the Association. As it will be published later in these columns, we will not make further mention of it here.

Roderick Cameron, head gardener of the Queen Victoria Park, Niagara Falls, gave a short, but interesting paper on "The Wintering of Tender Plants in Cold Storage." Mr. Cameron told how he has been able to rest some of the tenderest plants and carry them through the winter by keeping them in an unused greenhouse and retaining it at a low temperature.

At the final session, held in the evening, a paper was given on "The Heating of Greenhouses," by Gurney & Co's engineer. The paper gave in detail all the requirements for the plumbing and fitting of steam and hot water systems, but the writer maintained that the hot water was preferable to steam, for if any accident happened the hot water maintained sufficient heat to keep the house out of danger until fires could be started, whereas, in the steam heating system, if the fires went out the temperature fell so rapidly that the plants might be frozen. In speaking of boilers, it was remarked that boilers should not be worked to their full capacity, but had better be at least 25 per cent. larger than the actual power required from it. After this, the officers were elected for the ensuing

year and the convention adjourned to meet next year in the city of Toronto.

FLORAL EXHIBITION

One of the best and most pleasing features of the Florists' Convention was the floral exhibit in the Thistle Rink, Hamilton, under the management of the Hamilton Florists' Club, together with the assistance of the Canadian Horticultural Association.

This Exhibition differed from other floral shows in combining the display of the amateur, the trade exhibits and that of the professional florist. In addition to the fact that the exhibition was one of the best displays of flowers this country has seen, it contained, also, a good display of all the accessories to practical floriculture. Under this head might be noticed a splendid display of flower pots, lawn vases and florists' supplies, being the display of the Foster Pottery Co., of Hamilton.

The Grimsby Manufacturing Company showed a good collection of florists' and gardeners' tools, and, also, a collection of the small baskets and flats used in transplanting and potting.

The centre of the building contained a section of a model greenhouse, showing the construction of the roof and the necessary parts of a model house. This was the exhibit of the King Construction Company, of Toronto.

Another very interesting trade exhibit was that of the Holmes Wire Works, of Hamilton. This contained very beautiful ornamental wire baskets, frames and stands of all designs for putting up flowers in ornamental forms.

Among the flower exhibits were many features of interest to the public. Mr. C. E. Webster, in his display of ornamental plants, gave an illustration of the method employed in shipping tender plants. In glancing over this for a minute, even a novice would be confident of receiving any tender plant uninjured through the mail. The little plants were shown just as they would be taken from the pots, then the roots were carefully wrapped in oil paper, so that after being packed, no evaporation would take place from the plant, and it would be in just as fresh a condition on being taken from the package as when put in. The complete outside wrapper of stiff paste-board was shown with labels and stamps ready for the mail-bag.

An illustration of what could be done in putting up a neat and attractive exhibit from commonplace material, was given in the bulb exhibit of Lucas and Baddington, of New York. This exhibit was made up entirely of bulbs with labels to show the common and scientific name of each. The bulbs were all sorted to size and placed on padded baskets so that they showed on top an even surface of uniform bulbs. This made the exhibit quite attractive and interesting when one could see the source from which

any of our finer spring and winter flowers were produced. In speaking to Mr. Clucas as to his method of keeping the bulbs fresh, he said, that they had made a practice of keeping their lilies, particularly the *Longiflorum* species, in cold storage, and could keep them fresh for a year and tide over any depression in the market.

A very beautiful and artistic feature of the exhibition was the competition in table decoration. This showed tables arranged for dinner with flowers arranged in as pleasing and artistic forms as possible. The exhibit attracted considerable attention, particularly from the ladies visiting the exhibition.

Another novel feature was the exhibit in plant photography, by James Gadsby, of Hamilton. This contained many wonderful specimens of photographic art. There were Campanulas, lilies and groups of flowers; fruits, lawns and gardens, all of which looked very natural. This work would be very valuable to any magazine wishing to illustrate flowers and fruits from half tone photographs.

Probably the best educational exhibit in the whole show, was that of the Hamilton school children. In the early spring, aster seeds were given to the children to grow in their gardens from which there were 186 entries in the flower show. These were grouped as to schools and labelled with the name of the individual exhibitor. The results shown from those few packages of seeds were simply marvelous, and would have done credit to the skill of any professional florist. Work of this kind is certainly very valuable as an educator to children, and should be encouraged and fostered by our city officials.

Successful Gathering of West Huron Women's Institute

The regular meeting of the Godrich Branch of West Huron Women's Institute was held on August 7th, at the favorite resort of the district, Point Farm. About fifty of the members and friends were present.

This organization is in a very prosperous condition numerically,

and is continually advancing in popularity and usefulness. Miss Green, of Loyal, presided at the meeting. The programme consisted of a continuation of chats about canning, pickling and serving vegetables. Mrs. L. Salkeld, Jr., read an interesting article on "Two Sample Menus," contrasting two methods of serving a dinner, showing that if there is a little more attention required for the more artistic result, it is more than balanced in favor of the object lesson conveyed to each member of the family. Mrs. Colin Campbell led in the discussion on cooking vegetables. We often hear the remark that some would-be-cook "cannot boil potatoes," and it is pointed out that few cooks prepare this vegetable properly. The potato does not boil. The water boils, and the heat conveyed by this medium cooks the starch, and softens the cellulose of the potato. Under ordinary pressure water never becomes any warmer after the boiling point (212 degrees F.) is reached. Therefore, allow the water to remain at boiling temperature until the heat has penetrated and cooked the vegetable. Remove the water at once and you will have a mealy, flaky potato. Do not endeavor to hasten the cooking process by adding fuel to the fire. This may cause the vegetable to break, but in no case is the cooking accomplished in less time.

Miss Gundry's subject was, "Ironing." She brought out the fact that it would be wise to deliberately neglect to iron many articles, and thus have more time for reading, writing, music, etc. Few people realize how much smooth folding saves ironing. Wash rags, towels, and tea-towels do their work quite as satisfactorily without ironing. Sheets and pillow covers for beds that are used every night are delightfully fresh when unironed. There are many things about a house on which the housewife spends many weary hours, which would really be as well undone, or certainly could be done in much less time by adopting different methods. It will be a splendid thing for our housewives when many of them learn that

there are more important things in life than the mere daily routine of washing, ironing, baking and scrubbing. These things are important, but they should not be stretched out so that there is no time for mental food and bodily recreation.

The addresses were heartily endorsed, and were listened to with much interest, being followed by a lively discussion.

A hearty vote of thanks was tendered the hostess, Mrs. J. Goldthorpe, for her kind hospitality. After refreshments had been served a pleasant and profitable meeting was brought to a close by singing the National Anthem.

INTENDING ITS BORDERS

The officers of West Huron Institute are active in spreading the good work throughout the riding, and have been successful in organizing a branch at Benmiller. There were twenty ladies at the organization meeting, when practical subjects were discussed and a good start made. It is hoped that this branch will be very successful and be a credit and help to the women of the riding.

"Do you recognize the prisoner at the bar?" asked the magistrate. "No, your honor," replied the witness. "I don't patronize saloons."

Dissolves Easily.....

Windsor Salt is very soluble. Its pure, white, delicate crystals are quickly absorbed in the butter. It makes butter making easier and more profitable.

WINDSOR SALT.

WHY DO PROGRESSIVE DAIRYMEN BUY THE U.S. SEPARATOR?

Because they know that they will have one then that possesses more of the qualities that go to make up a perfect cream separator than any other make.



That the U. S. Skims Cleaner is an established fact, it having proved its superiority in this point at the Pan-American Model Dairy, where it made the **World's Record** of .0138 for an average of 50 consecutive runs, which has never been equalled by any other make of separator in the world.

That the U. S. is **more durable** is being shown daily in dairies all over the country by those who have used other makes, but who are now using the U. S.

That the U. S. is **more simple** is easily seen by everyone who has eyes.

That the U. S. is **the safest**, with its gears all enclosed, everyone can understand.

That the U. S. is **easy to operate** is testified by its users.

For more reasons and copies of letters from hundreds of users certifying to the truth of the above statements, write for our special Dairy separator catalogue.

VERMONT FARM MACHINE CO., - Bellows Falls, Vt.

The Farm Home

The Dark

The Dark came out of his dim retreat

Where shadowy hemlocks spread;
No sound he made with his gliding feet

As he passed along through the village street
Where the trembling Twilight fled.

And the children, caught in the edge of night,

Sped home with a thrill of fear;
"The Dark is coming!" they cried in fright,

And scampered away to the cottage light
That sent them a ray of cheer.

And the Dark passed on, and he gently stepped—

His shoes were as soft as down;
As the tired people and flowers slept,

The cool, thick plumes from his helmet swept
Far over the resting town.

The children slumbered till dawn grew red,

And the Dark kept watch till day;

He kissed them all, as they lay in bed,

And not the curl of a single head
Did he harm ere he stole away.

—Hattie Whitney, in *Youth's Companion*.

The Rummage Sale

"What can we do that's new?"

"There's nothing new to do."

"We've had fairs, and festivals, and loan exhibitions, and Mrs. Jarley and spelling school—"

"There's one thing we haven't had."

"What's that?"

"A rummage sale."

"What's that?"

"Haven't you heard? They've had them in a great many places. They begin by going around and asking everybody to give them everything they don't want—"

"Valuable gifts?"

"Don't interrupt, Mary. The presumption is that some one else may want them. And I was about to add, we don't mean only old stuff, for it gives people a chance to give things which really amount to something. Most people have something in the way of trash that they might easily spare, that would suit the fancy of some one else."

"What a blessed clearing out it might be for some houses. Bric-a-brac, for instance."

"Yes, the only horror of that would be that it would be simply moving the bric-a-brac horror from one house to another."

"All are expected to hunt out their half-worn clothes and send them clean and repaired. Thus you see, it becomes a real help to poor people, for many garments far bet-

ter than they could buy at the stores are sent in."

"It's fine Lou," said Margaret "and it has the merit of novelty, for us. Let's do it."

"It will be great fun."

The rummage sale was carried by acclamation, the result being an advertisement soon afterward in a morning paper.

"The Endeavor Society of the Fifth-street Church will hold a rummage sale at Hall's vacant store on date of Nov. 21,—day and evening. Gifts of all kinds are earnestly solicited. Clothing new and old. Merchandise and groceries of any description. China, furniture, books, fancy work. Object, to raise a fund for aiding the winter some poor families whose needs have come under the notice of the society. Send things to the store on the 20th."

"That looks comprehensive enough," said Lou, reading it with approval. "Now, if only it will stir people."

It appeared to. There was a rummage rustle through the whole of the brisk town, which, too large to be satisfied without "doings," and too small to secure much in the way of public entertainment, grasped eagerly at anything within their reach in the way of novelty. Attics and storerooms were ransacked for stowaways which had lain far too long.

"It's such a comfort to have a chance of getting rid of things a little too good to throw away, not quite good enough to use and that you don't quite know whom to give to."

"Things that have lain aside for a time to use them."

"Things, perhaps, that have been given you that you don't need,—good things."

The Endeavorers supplemented the advertisement by widespread urgings and suggestions.

"I wonder if I had better give this coat."

Mrs. Plummer held up for her own examination a heavy coat, well lined and wadded, bound with cheap, well-worn fur.

"It's a nice coat." The remark was made by Mrs. Plummer's overgrown maid of all work, Mary Jane Garvey, who, being the only person present, naturally concluded that she was expected to reply.

"I've had it eight years," went on Mrs. Plummer. "Wore it steady for three, and second best for two more. Since then I've only worn it special times. It ain't much use to me except when there's a real cold snap. But when I do want it I want it real bad. Still, when there's folks that don't have warm things—"

"Plenty such," said Mary Jane, coming to look with interest at the coat. She felt its weight and thickness, but mingled with the interest a sigh and forlorn shake of the head.

"Yes, yes, I know what you're

thinking of," said Mrs. Plummer, kindly. "But I don't want you to lay that up against yourself, Mary Jane. Might 'a been carelessness in you, though if so I never could understand why it shouldn't 'a been dishonesty in some one else. You know I never thought it of you. Nor did Mrs. Gage."

But some one else might. Mary Jane resumed her work with an old burden revived in her mind.

Very distinctly she went over the circumstances of that supper last winter given by the "Ladies' Aid" at the house of one of its members. How she herself, delighted at being permitted to be "in it," had filled plates and washed dishes until her limbs ached. How toward the last Mrs. Plummer had sent her to the dressing-room to get from the pocket of Mrs. Gage's coat a pocketbook containing \$5 in small bills. How she had searched in vain for it, at length coming with a scared face to tell of her ill-success. How Mrs. Plummer had said: "Why, Mary Jane, I put it there myself an hour ago for a payment Mrs. Gage was to make for the society, but now the person's here and we can pay now."

The remainder of the sorrowful story she could never recall without keenest painful remembrance of a fancy that some of the ladies had "looked strange" at her.

No one really believed anything against Mary Jane, but no one could have realized the weight of misery endured by the poor girl.

Mrs. Plummer went on with her search, her heart enlarging with the blessed exercise of giving. When things were in doubt the charity scale was more and more sure of going down.

"Now, how am I going to get them there?" with a satisfied gaze at a big chair heaped with her gifts.

"Peter'll take 'em," said Mary Jane. "He'll be glad to do anything to help. So'll I."

"You can, Mary Jane. You can wrap all these things up."

When Peter came with the milk the next morning, Mary Jane watched him as he came into sight, her heart warming as she noticed the weight he carried.

"Peter's a real good, industrious boy." She turned to her work, but Peter tugged on. With each hand he carried a short pole on which was balanced four quart pails of milk.

Peter was her brother, the two being the only children of a widow who was doing her hard-working best to "bring 'em up decent."

They lived half a mile out of town and every morning Peter delivered milk to customers. At first it had been one pail in each hand, then one slung in each elbow and one in each hand. Now he carried eight pails.

"Tuggin' work, hain't it?" she said, cheerily, as Peter set down his pails and limbered his elbows.

"Yes, but gets lighter and lighter as I go on. Two pails emptied a' ready and now another. But I tell what, Mary Jane, I've got a secret."

"Tell me, Peter."

"You won't let on to a soul?"

"Not one."

"I ain't a-goin' to work so hard next winter," said Peter.

"You're not?" said Mary Jane, a little disappointed. "Is that the secret?"

"No. Only the beginnin' of it. Listen now,—I'm going to buy a push cart to carry my milk in."

"Now Peter!" Mary Jane regarded him with admiring wonder.

"Sure's you live," Peter strutted about the kitchen carrying his head high. "Mary Jane," he went on, impressively, "the day'll come when you'll see me a drivin' a horse and wagon with my milk."

"But Peter, how are you goin' to get it—the push cart, I mean?"

"I'm savin' up for it. It'll cost \$6, and I've got \$3.50 a' ready."

"O, Peter!" Mary Jane's face beamed with loving sympathy, "you ought to have it soon. Say, Peter, I've got \$1.25 and you shall have that."

"I can earn my own money without taking a girl's," said Peter, with fine spirit.

There were few who did not give to the rummage sale, fewer still who did not go to it. Mary Jane and Peter were there, a little subdued in spirit because their mother was not able to come. Winter had set in early and she had the rheumatism. The weather and the rheumatism were the causes for her absence assigned by her son and daughter, but both knew that a very weighty reason still lay behind. She had no wrap sufficiently warm for severe weather.

Givers and buyers walked through the crowded building with wondering eyes. Who would have imagined that the little town held so much that it could give away? Rather, who would have guessed that so many hearts would be moved by love of the Lord and his needy ones to give so much?

Walking among the rows of clothing of all sorts and descriptions Peter's eye was caught by the heavy coat given by Mrs. Plummer. Caught and held, for in the boy's loving heart was at once found a picture of a frail form wrapped in its warm folds, well shielded from the cruel cold. He felt its thickness, softly stroked the cheap fur, lifted up the front to see the new facings which Mrs. Plummer had put in two years before, and it had scarcely been worn since. Peter looked at the price label—\$1.50, then passed on with a dizzying rush of new thoughts.

In his mind's eye was a green cart with yellow wheels, standing for much ease and comfort in his daily duty.

He glanced back. Many people were looking at the clothing—that coat might be sold any minute. Everybody must be wanting it. With excited movements he sought out his sister.

"Mary Jane, come this way. Say —" pointing out the coat, "I want to buy that for mother."

"You, Peter! Why, how could you?"

"I couldn't 'less you help me out. I'll give my cart money if you'll give what you've got."

Mary Jane looked as if dazed by the magnitude, the magnificence of the idea, as indeed she was. Then the cloud of amazement and doubt began to break away on her face, a look of charmed delight at length driving away its last shadow as she beamed lovingly on Peter.

"But your cart," she said.

"The cart can wait."

"Peter, let's! O Peter, its the most splendid thing that ever was thought of. Peter," solemnly, "that coat cost \$40 when it was new."

"Don't let's wait—" Peter dragged her back in dire terror lest so desirable a bargain should be seized before his eyes.

There were a few words with Mrs. Plummer, who would answer for them that the pay should be ready to-morrow. Then Peter, in a freak of boyish hilarity, slipped on the big coat, burying himself in its ample folds as the fur collar surrounded his head, plunging his hands deep down into the pockets.

"There's somethin' here," he said, pulling out with one hand a crumpled envelope.

"Here, Mrs. Plummer," said Lou, calling her from a little distance, as Peter laid his find in the young girl's hand. "This must be yours—it was found in your pocket."

Mrs. Plummer took the envelope, examining it at first quietly, then excitedly.

"Oh—It's it, it's it! To think I should never 'a thought—to think anybody should ever 'a thought—O, Mary Jane, Mary Jane!"

"What is it? Who ever thought? Who ever thought?"

"Look! Look!" Mrs. Plummer rapidly shuffled over some small bills, "here 't is."

"What?"

"The \$5 that was lost last winter."

"You said you put it in my coat pocket," said Mrs. Gage.

"I thought so. I went up in the hall dark and your coat's most like mine, so I must 'a slipped it into my pocket instead of yours, and it went down this rip in the lining. And I've never wore the coat since. Mary Jane—" laying a trembling hand on the girl's shoulder, "I don't know how I'll ever even it up to you, but you know I never laid it against you."

"None of us did." The chorus of kindly voices deepened the flush of confusion on Mary Jane's cheeks.

"No, no," she murmured, confusedly, "You only thought 't was wonderful mysterious. Anybody would."

Mrs. Plummer conferred for a few moments with the members of the "Ladies' Aid," then turned to Peter.

"Peter, the money that was lost was made up long ago, and of

course this belongs to you." Peter gave a jump.

"Of course it does. You bought the coat and all there was to it. So this pays for the coat, and leaves you fifty cents over."

"It don't seem just right," said Peter, a flush of delight spreading over his face, "but if you say it is, I s'pose it's so."

"Peter! Peter!" Mary Jane flung her arms about his neck and sobbed. "Oh, Peter, it ain't the money, it's—'t'other—"

There was a storm of cordial exclamations and assurances for the brother and sister, and before many minutes had passed Mary Jane felt sure that no living girl had ever heard so many kind things.

"How are things going?" asked Lou of Mary later in the evening.

"Finely. The coat episode seems to have warmed everybody's heart and loosened their purse strings. We are going to have all we hoped for."

Mary Jane and Peter remained until the last moment, being with the last work, eating the last leftovers. Peter expended the fifty cents on a necktie for Mary Jane, worth fully \$2 when new, and worn only three of four times.

"Now we all have something," he said. "I'll have the cart."

The happiness of the two as they set out for their mother's house at midnight can better be imagined than described. Peter broke a hole in the paper wrapping to feel the fur. Mary Jane murmured:

"O, Peter, if that blessed rummage sale hadn't 'a took place."—
The Standard.

The Table Napkin.

Curiously enough, that article now considered almost indispensable, the table napkin, was first used only by children, and was adopted by elder members of the family about the middle of the fifteenth century. In etiquette books of an earlier date than this, among other sage pieces of advice for children are instructions about wiping their fingers and lips with their napkins.

It seems that the tablecloth was long enough to reach the floor, and served the grown people in place of napkins. When they did begin to use napkins, they placed them first on the shoulder, then on the left arm, and finally tied them about the neck.—Exchange.

Martha, the colored washerwoman, was complaining of her husband's health to one of her patrons. The Christian Register reports the dialogue:

"He's ve'y po'ly, ma'am, ve'y po'ly. He's got dat exclamatory rheumatism."

"You mean inflammatory, Martha. Exclamatory is from exclaim which means to cry out."

"Yes, miss," answered Martha, with conviction, "dat's what it is. He hollers all de time."

Hints by May Manton.

WOMAN'S BLOUSE, 4228.

To Be Made With or Without The Fitted Lining.

Simple blouses always are in demand. This novel design is eminently attractive and stylish and is suited to all the season's waist materials, wool and silk, linen and cotton. As shown it is made of albatross in asparagus green with trimming of black velvet and stitching in black corticelli silk but countless combinations can be made. Wool and silk fabrics are better when lined, but the linens and cottons, that are so delightful for indoor wear the year round, are preferably used without the lining. The straps are a feature and those over the shoulders are arranged to give the sloping effect so much in style, but can be omit-



*223 Women's Blouse, 32 to 40 bust

ted whenever a plain effect is preferred. The lining is smoothly fitted and closes at the centre front. The back of the waist is plain and smooth, simply drawn down in gathers at the waist line. The fronts are laid in deep tucks at the shoulder that extend to yoke depth and are closed invisibly at the left of the front beneath the pointed strap. The sleeves are in bishop style with novel cuffs. At the waist is a belt finished to give a postillion effect.

The quantity of material required for the medium size is 4 yards 21 inches wide, 3 3/4 yards 27 inches wide 3 yards 32 inches wide or 1 1/2 yards 44 inches wide.

The pattern 4228 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure.

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

Gretchen und Her Calf

Vonce Gretchen haf a leedle calf, mit her it vas content, und everyveres dat Gretchen gone dot calf would also vent.

It vent mit her de lifelong day, und people often said dey like to bet some money dot it mit her vent to bed.

Von day it go de schoolhouse in, und all de kinder says to see a leedle scholar calf yust took de switzer kase.

"Vot make de calf de school come in?" de leedle kinder cried. "It vants to learn to be a cow," de teacher did replied.

At last dere come dot awful trust, de very vorst vot efer. Dot calf by dose times got to be a nice young lady heifer.

Meat vent so high at von big shump 'twas roasted mit de sun, und Gretchen look und blainly see a duty sne should done.

Her fader mit de prewery worked und didn't get much pay; his bread earned by de sweatness of his eyebrows every day.

Von time Miss Gretchen, vipe some tears dot leak out mit her eyes und say: "I on mein papa spring some pooty big surprise!"

She kissed dot lieber cow farevell, her heart sore in her breast, und took it to de butchered man. Dot butcher did de rest.

Her sadness vas most awful sad und bitter vas her cup to dink dot cow in shunks would soon be sebarated up.

Her fader from de prewery come, some sweatness on his prow, und Gretchen say: "Mein lieber pop, ve dook a lay-off now."

O! it would done your soul some good if you could see dem spiel de long vays of de af'ne in deir autolocobile.

No more vill hard times gif it to dose people in de necks. Dey lif now mit Go Easy strasse, und Gretchen writes de checks.

Teacher—Johnny, can you tell me how iron was first discovered? Johnny—Yes, sir. I heard pa say yesterday that they smelt it.—London Spare Moments.

FALL TERM
Opens Sept. 2nd
for all Departments of the
Central Business College

TORONTO
Our New Catalogue contains all information about our work. Write for it. Address
W. H. SHAW, Principal,
Yonge and Gerrard Sts., TORONTO

Ragged clothes quickly—that's what common soaps with "premiums" cost; but

SUNLIGHT SOAP REDUCES EXPENSE

Ask for the Octagon Bar



Baby enjoy his bath
all the more, and his sleep is the sweeter when you use

BABY'S OWN SOAP

It softens and soothes all skin irritations, keeping it healthy and fresh.

Don't use imitations on Baby.

ALBERT TOILET SOAP CO., MFRS.

MONTREAL. 3-2

British American Business College

Y. M. C. A. Building, - - - Yonge Street, Toronto

Principal—**DAVID HOSKINS**, Chartered Accountant.
Vice-Principal—**J. W. WESTERVELT**, Chartered Accountant.

The only college in Toronto affiliated with the Institute of Chartered Accountants, or having Chartered Accountants on its staff. Our Penmanship teachers are acknowledged by those who know to be the best in Canada.

An Equipment of 85 Typewriters, valued at over \$10,000, is an indication of the completeness of our Shorthand and Typewriting Department.

Students may enter at any time. Handsome catalogue and specimen lessons in Penmanship will be sent to any address free of charge.

Six Hundred Positions Offered Our Students Last Year

The Farming World.

A PAPER FOR FARMERS AND STOCKMEN.

D. T. McAINSH, — — — PUBLISHER
J. W. WILKINSON, B.A. — — — EDITOR

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

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

Change of Address.—When a change of address is ordered, both the new and the old addresses must be given. The notice should be sent one week before the change is to take effect.

Receipts are only sent upon request. The date opposite the name on the address label indicates the time up to which the subscription is paid, and the change of date is sufficient acknowledgment of payment. When this change is not made promptly notify us.

Discontinuances.—Following the general desire of our readers, no subscriber's copy of THE FARMING WORLD is discontinued until notice to that effect is given. All arrears must be paid.

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

Advertising Rates on application.

Letters should be addressed:

THE FARMING WORLD,
CONFEDERATION LIFE BUILDING,
TORONTO.

QUESTIONS AND ANSWERS

Silver-Weed.

W. M. Kimble, Ont., writes:—
"Enclosed please find weed which I would like to have identified through the Farming World. It grows near damp land, and in patches. It grows thick on the ground and nothing else will grow among it. Its growth is said to be the sign of oil. Do you know anything about it?"

Answered by Prof. Wm. Loch-head, Ontario Agricultural College, Guelph, Ont.

The plant is commonly known as silver-weed (Potentilla Anserina). It is frequently found growing along river banks, and on sandy shores of lakes. It spreads by slender runners, and often covers large tracts. The leaves are quite characteristic, in that they are green above and silvery-silky beneath. The flowers are bright yellow, growing singly on long stalks, and resembling somewhat the strawberry.

I am not inclined to put much faith in the belief that the presence of silver-weed is an indication of the presence of oil. If such is the case then oil-bearing soils must be very widespread in the world. This plant is found quite commonly over the northern two-thirds of North America—from "New Jersey to Greenland, west to Nebraska, British Columbia and Alaska, south in the Rocky Mountains to New Mexico and to California." Also found in Europe and Asia.

A Farmers' Association.

A number of farmers from different parts of the province, chiefly those

formerly prominently identified with the Patrons of Industry movement of a few years ago, met in Toronto on Tuesday evening last and organized what is to be known as the Farmers' Association of Canada. The organization was completed on the Wednesday following, when Mr. C. A. Mallory was elected president, and Mr. W. L. Smith secretary. It is the intention to have branch associations formed in each county, who shall send representatives to the Central Association.

Fruit Evaporators.

A most attractive and instructive exhibit at the Industrial last week was that of the Grimm Manufacturing Co., Montreal. The exhibit consisted of their well-known fruit evaporators, and was in charge of Mr. Kelly, who reports business good. Lots of orders are coming in for evaporators for fall delivery, and everything points to a big business this season.

Objections to Legislation for Protection of Wool Growers

BY ALFRED MANSELL, SHREWSBURY ENGLAND.

No. V.

The objections to the proposed Government Bill are rather strongly put by the Textile World, a paper, judging from its name, which has its sympathies mainly with the manufacturers. They state that if the Bill becomes law no fabric containing the slightest proportion of wool will come into the United States, for there is no

Poultry and Eggs

Advertisements under this head one cent a word. Cash must accompany all orders under \$2.00. No display type or cuts allowed. Each initial and number counts as one word.

BROWN Leghorns, Prolific early layers; Strain won at Pan-American. Stock for sale—Minorcas, Barred Rocks, Chicest Strains, Eggs in season. JOHN B. PETTIT, Fruitland, Ont.

BUFF ORPINGTONS, imported this season from England, 8 birds costing \$125. Solid buff eggs \$3 per 13. Also breeder of Brown Leghorns, continuous layers Barred Rocks, E. B. Thompson's, White Wyandottes, Indian Games, true black type for export. I won leading prizes and sweepstakes at the Ontario and Brantford shows. Incubator eggs \$2.50 per 100. J. W. CLARK, Importer and Breeder, Oranodaga, Ont.

BUFF ORPINGTONS—For sale, choice breeding stock. Prices on application. All Co. kernels of value to breed with ordinary farm fowl, especially Barred Rocks. Price \$1.50 each. K. F. HOLTSMANN, Brantford, Ont.

MUNDREY'S Pheasants for sale—Goldens, Silvers, Swines, Versicolor, English, Chinses, Amhersts and Keeves. Send stamp for price list. CANADIAN PHEASANTRY, Hamilton, Can.

GET Free Catalogue on Fattening Poultry. MORGAN'S INCUBATOR WORKS, LONDON.

method known to man of determining how much of the wool in a fabric has been and how much has not been, subjected to a manufacturing process before it reached the mill where it was last converted into cloth. This, I am informed, is incorrect. The Beadford Conditioning House can determine what any fabric is made of by actual percentages.

It is stated that the custom house officials can distinguish cotton, linen, silk, and certain other fibres from wool and woollen shoddy; but they will be forced

PROTECTION

AND

PROFITABLE INVESTMENT.

THE necessity of Life Insurance as a means of protection for a wife and family appeals to the heart and intellect of every man. In addition, a good investment can also be secured by means of the Unconditional Accumulative Policy issued by the Confederation Life.

POLICIES ISSUED ON ALL APPROVED PLANS.

WRITE FOR PAMPHLETS.

Confederation Life Association.

W. H. BEATTY, ESQ.,

PRESIDENT

W. D. MATTHEWS, ESQ., FRED'K WYLD, ESQ.,

VICE-PRESIDENTS

W. C. MACDONALD,

ACTUARY

J. K. MACDONALD,

MANAGING DIRECTOR

HEAD OFFICE, TORONTO.

either to refuse admission to the goods or accept the statement of the importer as to how much wool shoddy there is in the cloth.

The next objection has reference to the enactment that all goods manufactured prior to the passage of the Act, and which had passed out of the hands of the manufacturer and the ingredients of which are not known, shall be labelled, "Manufactured prior to the Pure Fibre Act; composition not known."

The article in question contends that the manufactured goods thus placed under a ban would approach in value, \$850,000,000, and by labelling them they would be cast under suspicion regardless of merit. This, I take it, could be minimised to a great extent by postponing the Bill coming into operation until a year or so had elapsed from its becoming law.

When margarine was sold as butter, a great hue and cry was raised, and rightly so, because the fat of an ox was being sold as the product of the cow, and now, for sooth, because a simple microscopic examination (as is the case with margarine), will not disclose the fraud, we are told in this article that no attempt must be made to protect the public and insure their being able to purchase a pure woollen garment. Difficulties were made to be overcome, and we should not be content to sit down and take it as an accepted fact that there is no solution of this problem.

Another difficulty that the writers see is that honest manufacturers of goods containing 90 per cent. of wool would tag them as mixed or shoddy goods, whilst the dishonest manufacturer of goods containing 90 per cent. of shoddy would tag them as all wool. This difficulty may arise, but I am under the impression that to work up 90 per cent. of shoddy, a considerable amount of cotton must be used, and the dishonest manufacturer would probably find himself mulcted in a heavy fine.

As before stated, undoubtedly, some shoddy is far better, and would make a better cloth than some sorts of foreign, low-grade, kempy wool, but these alone, and not adulterated, could not make a cloth to deceive anyone, and therefore would not compete with any except the adulterated goods.

That there are many difficulties in the way of getting practical legislation on the subject cannot be denied, but the importance of promoting honesty amongst manufacturers and protecting the people from imposition demands the serious attention of the legislature of all civilized countries, because, as

Keep your eyes open and be sure that when you ask for Perry Davis' Painkiller you get just that and nothing else. Use it promptly to cure cramps, diarrhoea and all other bowel complaints in summer.

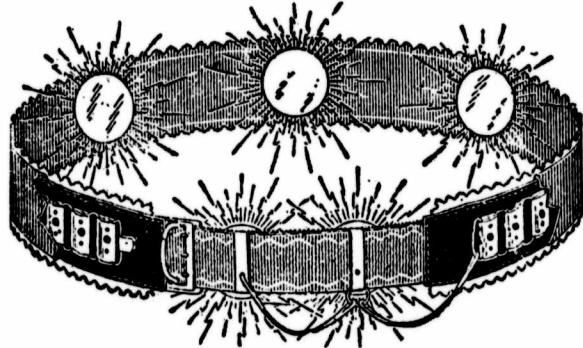
When writing to advertisers always mention THE FARMING WORLD.

ELECTRICITY IS LIFE

Your Chance to obtain a Genuine \$20-Prof. Morse Electric Belt at our Special Advertising Price of.....

\$5.00

Read Our Special Offer



Genuine MORSE ELECTRIC BELTS

At the heretofore unheard of price of \$5.00 is the greatest Electric Belt value ever offered. The Belt has been for years, and is still sold the world over by Medical Concerns for \$40.00.

We have purchased the entire output of the Morse Laboratory, and hereafter will be the sole distributors.

The Morse Belt is made exclusively in one grade—the very highest possible to manufacture, and this fact has been taken advantage of by medical men to rob the public by exorbitant prices. The Genuine Morse Alternating Current Electric Belt demonstrates the grand power of Electricity to weak, worn-out, debilitated men and women. An Unfailing Cure for all disorders of the Nervous, Muscular, Seminal and digestive systems. Instantly relieves Rheumatism, Neuralgia, Headache, Lumbago, Fever and Ague, Asthma, Kidney Troubles, Dyspepsia, Liver Disorders, Throat Troubles, Catarrh, Constipation, Sciatica, Pains in the Back, Sleeplessness, Nervous Debility or Exhaustion. For Paralysis and Constitutional Weakness it has no equal. For the quick and positive cure of all diseases that arise from a diminution or lessening of the vital power, which Electricity alone can restore and increase, the Morse Electric Belt is absolutely guaranteed. For a Weak and Deranged Nervous System the Electric Belt gives splendid results. It stops losses, repairs waste, strengthens every tissue and muscle, and the whole body feels the good effect. **Weak Men, Sufferers from Lost Manhood, Lost Vigor, Lack of Development, Varicocele, etc.**, are delighted with the prompt cure and restoration derived by the use of the Morse Belt, which we sell under our positive Guarantee to impart more Vigor, Strength, Energy and Soothing Effect in all physical ailments than any Electric Belt on the market. Every Belt is furnished with Electric Suspensory (not shown in cut).

SPECIAL ADVERTISING OFFER

We are enabled to offer these Belts for a limited time at the actual cost to manufacture by reason of the fact that once introduced in any locality they will continue to sell themselves. We will forward but one Belt to each person at this figure.

AN HONEST OFFER.—We don't ask you to send us any money in advance. If you want one of these belts sent to your nearest express office so that you can see and examine it, free of cost, just the same as if you came into our office, or into any store, write us and we will send it, and if after examination you are satisfied that it is our regular \$20.00 Electric Belt, and exactly as represented, pay the express agent the special price and express charges and take it, otherwise it will be returned to us. Can any fairer offer be made than this? We are the only manufacturers of electric belts who send belts C.O.D. without asking one cent in advance. If you prefer, you can send cash with order, in which case we prepay postage or express charges, and guarantee the belt to be exactly as represented, or cheerfully return your money. **Send your Order to-day.**

THE F. E. KARN CO., 132 Victoria St., Toronto, Can.



BOOK SALT for horses and cattle, in ton and car lots. Toronto Salt Works, Toronto

WANTED Reliable Men in every locality throughout Canada to introduce our goods, tacking up show cards on trees, fences, along roads and all conspicuous places, also distributing small advertising matter. Commission or salary \$50.00 per month and expenses, not to exceed \$2.50 per day. Steady employment to good, honest reliable men. No experience needed. Write for full particulars. **THE EMPIRE MEDICINE CO., London, Ont.**

a matter of fact, it really concerns the masses of the people more than the sheep men who are directly interested, because under present conditions all the poorer classes are entirely clad in the adulterated goods.

There can be no question that the majority of men and women who go into a shop to purchase woollen goods have no knowledge of the extensive frauds daily perpetrated in selling them goods largely composed of substitutes for wool, and that 90 per cent. of the buyers have no idea that when asking for woollen goods they are too often purchasing an article from which raw wool is conspicuous by its absence.

This presses heavily on the laboring and artisan classes, who practically never get anything except so-called cheap goods, but which would be more truthfully designated if called low-priced goods. It is contended that even if the price were somewhat enhanced, the genuine woollen garment would give greater comfort and health, wear much longer, and in the end, prove much more economical than adulterated goods.

In conclusion, I beg to express my sense of obligation to the numerous correspondents in England, the United States, and Canada for much valuable information supplied to me.

Judging Live Stock.

Prof. W. J. Ferguson, of the Michigan Agricultural College, who by the way is another of the numerous Canadians who have made a name for themselves in Uncle Sam's domains, gives the following rules on the judging of live stock:

1. Have confidence in your own powers.
2. Concentrate your thoughts on the breed and breed type of the animals you are working upon.
3. Do not hurry. Take time to decide. Having done so, stick to it. "Be sure you are right, then go ahead."
4. If possible watch the class as it comes into the ring. There is often something about the style and carriage of the winner which marks him out as he walks.
5. Take a minute to look over the line from as near the centre as possible in order to get a general idea on conformation.
6. Then pass slowly around the ring, inspecting each animal from front and rear.
7. Never be satisfied without using your hands in addition to your eyes. Appearances are often deceitful.
8. In handling always work from front to rear. With cattle work on the right side, approaching the animal from behind.
9. First pick out the winner of the class; then use it as your standard in placing second and third.
10. When first is placed, briefly sum up its strong points.
11. Look for characteristics and

most common breed defects.

12. Pay no attention to either the men with you or the crowd around you. Your business is with the animals.

Dairymen Meet

The directors of the Eastern Ontario Dairymen's Association met on Tuesday last when all the members were present. It was decided to hold the next annual convention at Ottawa, on Wednesday, Thursday and Friday, January 7th, 8th and 9th, 1903. President Derbyshire and Secretary R. G. Murphy, were appointed a committee to look after speakers and arrange the programme for the convention.

The directors of the Western Ontario Dairymen's Association also met on Tuesday, with all the members present. The annual convention of this association will be held at Brantford on January 13th, 14th and 15th, 1903, when a winter dairy exhibition for September and October cheese and for butter tubs or boxes, will be held. Messrs. Eagle, Millar, Connelly, and Steinhoff, were appointed a committee to look after the programme of the convention. A grant of \$150 was made to the dairy department of the Toronto Industrial Fair and \$50 to the Western Fair. The latter fair is to be asked to make a special provision for dairy exhibits. The attention of the Department of Agriculture at Ottawa will be drawn to the matter of branding dairy butter as creamery with a view to securing preventive legislation. The following resolution appreciative of the new dairy building at the Industrial was passed:

"We the directors of the Dairymen's Association of Western Ontario, express our high appreciation of the enterprise and wisdom of the directorate of the Industrial Fair, Toronto, in providing a dairy building, which is so well suited for the proper exhibit of the dairy produce, enabling the dairymen to exhibit their goods under the most favorable conditions in the history of the Dominion, and we would venture to recommend that the refrigeration be retained as a permanent part of the building, but that the pipes be removed from the centre to the outside of the interior."

Ontario Poultry Association.

The directors of the Ontario Poultry Association, met on Thursday last, when the following judges were appointed: Sharp Butterfield, Windsor; J. H. Smith, Woodstock; L. Jarvis, Montreal; Joseph Bennett, Toronto; James Anderson, Guelph, and Chas. Wagner, Toronto. A resolution was passed that all birds shown must be the bona fide property of the exhibitor and that for any infringement the exhibitor will lose the prize money and

(Continued on page 290.)

STOCK

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

HERMANVILLE TAMWORTHS—Largest breeder and exporter pure bred Tamworths in America.—Hermanville Farm Co., Hermanville, P.E.I.

Chester Whites and English Berkshires

Choice Young Stock of both breeds, six weeks and older. Write for prices.

TILLMAN E. BOURMAN, Berlin, Ont.

JOHN DRYDEN

BROOKLIN, ONTARIO

BREEDER OF

CRUICKSHANK SHORTHORNS and CHOICE SHROPSHIRE SHEEP

Choice Young Bulls and Ram Lambs for sale. Write for prices.

QUEENSTON HEIGHTS

SHORTHORNS.

Scotch and Scotch-topped choice young cows and heifers for sale at moderate prices.

HUDSON USHER,

Queenston, Ont.

Large English Berkshires

LONG BACON TYPE

C. R. DECKER, Chesterfield, Ont.

Maple Lodge Stock Farm

Scotch Shorthorns, Choice Milking Strains, Prize Winning Leicesters, Young Stock for sale—imported and home bred.

A. W. SMITH, Maple Lodge P.O., Ont.

Live Stock Ear Labels

Send for circular and price list and tack it upon the wall, where you can see it when you want it.

R. W. JAMES
Bowmanville, Ont.

OXFORD SHEEP

Sheep all ages. Shearing Rams for Stock Headers and Ranching Purposes. Yorkshire pigs all ages. Plymouth Rocks.

John Cousins & Sons,
Harrison, Ont.

BRANT'S OXFORD DOWN SHEEP



Yearling rams and lambs. Ewes all ages. First class stock. All registered. Extra type and style. Prices to suit the times.
Brant Stock Farm
J. H. JULL & SON,
Burlford, Ont.
Burlford Station
T. Graph & Photo

PURE-BRED STOCK

NOTES AND NEWS FROM THE BREEDERS

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

Horses

Mr. J. B. Hogate, Sarnia, Ont., returned last week with his new importation of Clydesdale horses and Spanish Jacks. They reached their destination at Sarnia in the very best of condition, and form an important addition to the large importation of horses made into Canada this season. The Spanish Jacks are a new feature in Canadian live stock trade, and their progress will be watched with interest by breeders generally. Mr. Hogate expects to have several of his imported Clydesdales on exhibition at London this week.

The North British Agriculturist, referring to a recent shipment of Clydesdales from Scotland, says:—"Last week, Mr. Wm. Graham, of Messrs. Graham Bros., Claremont, Ontario, purchased from Messrs. A. & W. Montgomery five right good stallions. The Clydesdales in question were shipped on the Donaldson ship Marina on Saturday for Montreal. This large and important addition to the Claremont stud was made up as follows:—Stately City, the Newton-Stewart premium horse of last year; Formoot, the Kinglassie and Leslie premium horse of this season; Royal Lad, which was for two years stud horse to Messrs. O'Neill, Kinsealy House, Dublin, and was the Haltwhistle premium horse in 1900; Gallant Lorne, a fine, big, three-year-old horse; and Craig Stamp, a splendid two-year-old, sired by Up-to-Time. These are all highly bred horses of the very best type, and they may be safely trusted to give a good account of themselves in the Dominion."

Live Stock at Ottawa

In addition to our report of the Ottawa Fair, prepared by our special representative and which appeared in last week's issue, we have received the following short report from an independent source. We publish this in order that our readers may compare it with the one specially written for The Farming World:

The Ottawa Exhibition must surely be called a success. The weather was all that could be wished for, even to a smart shower on Tuesday night, which laid the dust and gave farmers in the vicinity a good excuse to leave their harvest.

The exhibit of stock was very good and, in some cases, very exceptional. That of Avshires being one of the best and largest ever seen in Canada, Mr. Ogilvie winning out first with Mr. Ness

second and Mr. Wylie a good third, while the herds unplaced were, in several instances, an exhibit creditable to the breed, if some others had to be placed ahead of them. Mr. Kains, Byron, Ont., acted as judge and with satisfaction to the exhibitors as would no doubt be expected. Mr. J. C. Snell judged a fair exhibit of Guernseys from the herds of Hon. Mr. Fisher, the Massey Estate, and Greenshields, and the Jerseys, also, from herds of Messrs. Bull, of Brampton, Ont., and others. Mr. Hallman placed the ribbons on a fair class of Holsteins.

The prizes in beef breeds were awarded by A. W. Smith, Maple Lodge, and in all the classes the exhibit was good, although confined to few exhibitors.

In Shorthorns, W. C. Edwards & Co. made a very fine display, headed by the grand "Marquis of Zenda," which went first for aged bulls and afterwards champion bull of the show; second place was taken by a good, thick, roan three-year-old, shown by Mr. Holmes, Nova Scotia, who showed two nice white, yearling steers that were shown last December at Guelph, winning first and second, remaining in the same order here.

Three grand yearling bulls were on hand. First going to Cicely's Pride, a very excellent roan, imported bull, bred by H. M. the King and shown by Hon. G. A. Drummond. This bull carries a good head, horns perhaps a little heavy, but not displeasing, a nicely balanced body all through, lacking a little, perhaps, at foreflank. Second went to "Holyrood," a son of Imp. May Queen, shown, also by Mr. Drummond. The third prize

Combault's Caustic Balsam



The Great French Veterinary Remedy.

A Safe, Speedy and Positive cure for ailments of
HORSES and CATTLE.

As a **HUMAN REMEDY** for Rheumatism, Sprains, Sore Throat, etc. it is invaluable.
Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address
THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.

OR 21 FRONT STREET WEST, TORONTO ONT



LUMP JAW

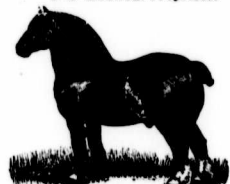
Easily and thoroughly cured. New, common-sense method, not expensive. No extra pay. FREE. A practical, illustrated treatise on the absolute cure of Lump Jaw free if you ask for Fleming's No. 257. Fleming Bros., chemists, 50 Front St., West, Toronto, Ont.

**WOOD ENGRAVING,
PHOTO ENGRAVING,
HALF-TONES
168 BAY ST
J.L. JONES ENG. CO
TORONTO**

INTERNATIONAL STUD BARN

SARNIA, ONTARIO

J. B. HOGATE, Proprietor



Our importation of Clydesdale and Shire Stallions and Spanish Jacks arrived Sept. 4th in fine condition. The Jacks range in age from 2 to 4 years old. The Stallions are bred from the best Sires and Dams of Scotland. We pay cash for our stock; that entitles us to buy where we can buy the cheapest. We import larger numbers than any firm in Canada, therefore can save you money by seeing our stock before you buy.
Our Jacks range in height from 14½ to 15½ hands high. H. H. COLISTER, Manager and Salesman, Sarnia, Ont. I am prepared to make terms to suit purchasers.

went to Village Champion, imported, from Edwards' herd; not at all in show condition, he promises to be one of our best imported bulls.

In all the remaining sections Mr. Edwards secured all the prizes and made an exhibit of Jersey dairies that will be very interesting to meet when they get to Toronto.

D. McCrae showed a fine lot of Galloways. Mr. H. D. Smith's, Compton. Herefords were up to their usual high merit, and Walter Hall had a good exhibit of Polled Angus.

Prof. Day and Mr. W. G. Hamner passed judgment on the sheep, which made a good show in some classes; scarcely fair in others; and in one class, Southdowns, the competition was very keen. Mr. McCabe from New Brunswick, fighting it out with the Huntly-wood flock, the former getting first position. Several of his lot were winners at the English Royal. An imported ram arrived for Mr. Gibson after showing was over that will make his flock stronger. Shrops were fair. Messrs. Lloyd Jones & Sons' flock getting all firsts except for lambs, which went to Norman Wilson, he making a very nice exhibit. Mr. John Kelly had a good flock of Leicesters, and also of Hamp, without any opposition. The Lincoln and Cotswold exhibits were not up to the mark. The usual exhibit of Merinos were out, and Mr. McGilivray had a fine lot of Dorset Downs.

Mr. J. E. Brethour placed an excellent class of Yorkshires. Mr. Barr, a lot being exceptional in quality. Messrs. Reid showed good Tamworths; Mr. Deeks, Chester Whites, Mr. Smith, Fairfield Plain, Durocs and Poland Chinas, while Mr. Wilson, Snelgrove, had a grand lot of Berkshires.

Dr. Reid, Guelph, placed all the prizes in the horse classes and the exhibit was classed as one of the best made for several years at the Ottawa Exhibition.

Ontario Poultry Association.

(Concluded from page 288.)

be prevented from exhibiting for three years.

After the routine business had been transacted the board considered charges made by Mr. Geo. Miller, of London, against Sharp Butterfield, one of the judges at the Winter Fair, at Guelph, of collusion with R. K. Millard, Dundas. Mr. Miller's affidavit was read and he made sworn statement in the course of which he asked for an adjournment to London, because Mr. Roch, of Strathroy, upon whose evidence he depended for substantiation of his charges, had not been willing to incur the expenses of coming to Toronto. Both Mr. Butterfield and Mr. Millard denied the charges. The directors after discussing the matter in private exonerated the parties complained against from blame.



FRED. RICHARDSON

of SMITH & RICHARDSON
Columbus, Ont.

Will return from Scotland about August 20th with six Clydesdale Stallions, including "Hopewell" (11375), full brother of the great Glasgow winner, "Hiawatha," and "Lavender" (11349), out of the same mare as "Royal Cairnton," the Chicago three-year old winner in 1901, and "Pioneer" (11131), sired by "Sir Arthur," owned by Whitley Clydesdale Association, and a pair of young mares for Mr. George Gorniley, Unionville.

The Typical
Dairy Breed

Good
Animals of
Both Sexes
for Sale



ALVA FARM GURNSEYS

SYDNEY FISHER, Knowlton, Que.

Pine Grove Shorthorns and Shropshires

150 | Our herd comprises over 150 females, including our last importation of thirty head. | 150

The following celebrated families are represented:

Mississ, Nonpareils, Brawith Buds, Orange Blossoms, Butterflies, Lancasters Secrets, Clippers, Amaranths, Mayflower, Roan Lady, Minas,

Headed by the famous Marquis of Zinda 157854, own brother to the \$6,000 Mar imported Missie 153, assisted by Sittytton Champion 1600076, Lord of the Manor 1600069, and Village Champion (by Scottish Champion). Our new Catalogue will be sent to all applicants.

Our flock of Shropshires is a large one, and choicely bred. We have on hand and for sale a grand lot of rams, also a few ewes, all bred from imported stock.

For further information address--

Manager,
JOS. W. BARNETT.

W. C. EDWARDS & Co.,
Rockland, Ont.

THE BRAMPTON JERSEY HERD

The largest herd of Pure-bred Jerseys in Canada. An inspection of our herd, or our record in the show ring proves the quality. See our exhibit at the fairs. We have what you want.

C.P.R. and G.T.R.
Stations.

Address-- B. H. BULL & SON, BRAMPTON, ONT.



Sale!

Ingleside Herefords.

Young Bulls, Cows and Heifers o most up-to-date type and breeding. If you want **good Herefords** at **good-value** prices, send for Illustrated Catalogue and state your requirements. Also $\frac{1}{2}$ and $\frac{3}{4}$ bred Hereford Cows and Heifers.

H. D. SMITH,
Compton, Que.

SCOTCH SHORTHORNS

Imported and Canadian bred bulls, cows and heifers, including such families as Village Maids, Fairy Queens, Broadhooks, Golden Rose, and other Scotch sorts. Herd headed by Bapton Chancellor, Imp. and the Lowat bred bull, Viceroy.

Address H. J. DAVIS, Woodstock, Ont.

Importer and Breeder of Scotch Shorthorns and Large White Yorkshires.

LARGE WHITE YORKSHIRES

A choice lot of Boars ready for service from imported stock. Also imported and Canadian bred sows in pig to imported boars. Young pigs from six weeks to four months old. Pairs supplied not akin.

OAK LODGE YORKSHIRES

Years of CAREFUL BREEDING have made the OAK LODGE YORKSHIRES the Standard of Quality for IDEAL BACON HOGS.

The championship against all breeds has been won by this herd for 4 years at the Provincial Winter Fair, on foot and in dressed carcass competition.

Prices are reasonable.
J. E. BRETHOUR, Burford, Ont



Market Review and Forecast

Office of the Farming World, Confederation Life Bldg.
Toronto, Sept. 15, 1902.

Seldom if ever have the prospects of trade generally speaking been more encouraging than at the present time. Crops are good and the influx of Americans into the West has induced a better feeling in the West where a big expansion in trade is expected. A scarcity of money is noticeable. At the end of the week call loans increased 14 per cent. in New York and the condition there is having some effect upon the market here. Money is firm at 5 per cent. on call. Discounts rates rule steady at 6 to 7 per cent.

Wheat.

The wheat situation still continues to favor the buyer. It is now pretty clear that the world's harvest will result in the gathering of considerably more wheat than will be consumed during the present cereal year. Such being the case high prices need not be looked for unless speculators influence the market with a view to advancing prices, which they may do at any time, but of course such advances can only be of a temporary character. Some claim that a great deal of the crop will not be of first quality and that this will tend to increase values, while others claim this will have the very opposite effect. From the present outlook our advice would be to sell early. The English market rules weak with a drop of 3d. during the week. The new crop of No. 1 hard wheat is quoted at Fort William at 70c and No. 1 Northern at 68c, September delivery. At Western Ontario points red and white winter wheat is quoted at 65c to 66c. Here the market is easy at 66c for red and white east and 65c middle freights, and goose at 62c to 63c. On Toronto farmers' market red and white bring 67c to 68c, goose 63c to 65c, and spring life 64c per bushel.

Oats and Barley

The oat market continues on its march towards lower values. At Montreal prices are easier at 34½c afloat prompt delivery. Here quotations are 29c for No. 2 white west, and 29½c to 30c east. On the farmers' market oats bring 40c to 43c for old and 31½c to 33c for new.

The barley market is quiet. At Montreal quotations are 47½c to 48c for No. 3 extra afloat. Here prices rule at 36c to 38c as to quality and point of shipment. On Toronto farmers' market barley brings 40c a bushel.

Peas and Corn

The market for peas is quiet though prices are steady here at about 72c east and middle freights.

The American corn crop is reported to be making a fine average condition. At Montreal car lots of corn are quoted at 70c to 70½c in

Poultry and Eggs Wanted

CHICKENS
DUCKS
TURKEYS
EGGS

Empty crates forwarded on application.

Highest market prices paid.

Correspondence solicited.

Toronto Poultry and Produce Co.

Office 470 YONGE ST., TORONTO

store. Here Canadian yellow is quoted at 62c west and No. 3 yellow American at 68c on track Toronto.

Bran and Shorts

Ontario bran is quoted at Montreal at \$15.00 to \$15.50, and shorts at \$22.00 in car lots on track. City mills here sell bran at \$12.50 and shorts at \$22.00 in car lots l.o.b. Toronto.

Potatoes and Beans.

Car lots of Ontario potatoes are quoted at Montreal at 70c per bag of 90 lbs. There is great complaint of the rot and potatoes may be a scarce article after a while. The supply here is small with a good enquiry at about 85c a bag in car lots. On Toronto farmers' market potatoes bring 60c to 70c a bushel.

At Montreal the bean market is quiet at \$1.40 to \$1.45 for primes in large lots.

Seeds.

The seed market remains unchanged. Montreal quotations being \$14.00 to \$17.00 for alsike, \$9 to \$10.50 for red clover, and \$8.00 to \$9.00 per cwt. for timothy.

Hay and Straw.

At Montreal the hay market has experienced a decline during the week and new No. 2 timothy is quoted at \$7.00 to \$7.50, or \$6.00 to \$6.50 l.o.b. at Quebec points. Deliveries of new hay have been more liberal east and this has had the effect of lowering values. The English market for Canadian rules steady though the demand is not as great as it was a few weeks back. The demand here is fairly good and the market rules steady. Car lots of No. 1 timothy are quoted here at \$9.00. Baled straw in car lots is quoted at \$5.50 per ton. On Toronto farmers' market old timothy sells at \$15, new at \$9.50 to \$13.50 and sheaf straw at \$11 per ton.

Eggs and Poultry.

Though the English market rules firm for eggs prices on this side are too high to admit of exporting them at a profit. There is a lot of buying on this side for cold storage which is aiding in keeping up values. At Montreal the market is firmer and higher at 15½c to 16½c for fresh stock and 17c to 17½c for candled in case lots. The demand for the best eggs here is active and

the market firm at 16c in case lots. On Toronto farmers' market new laid bring 17c to 20c, and held stock 14c to 16c a dozen.

Preparations are under way for a big trade in dressed poultry this fall. Just now supplies are not enough to supply the demand. The market here for chickens and ducks is active with a steady enquiry for fine young birds. Turkeys are quiet owing to light receipts. In a jobbing way dressed chickens and ducks bring 85c to 90c and live ducks and chickens 45c to 60c a pair, and turkeys 11c to 12c a lb. On Toronto farmers' market live chickens bring 50c to 90c, dressed 60c to \$1 and ducks 50c to \$1 a pair and turkeys 11c to 13c a lb.

Until further notice the Toronto Poultry and Produce Co., 470 Yonge street, Toronto, will for poultry and eggs pay the following l.o.b. at shipping point:

Chickens (this year's) per lb. 8c, chickens (last year's) per lb. 5c, turkeys (this year's) per lb. 9c, ducks per lb. 7c, eggs per doz., 14c. Empty crates, egg cases and butter boxes are supplied free of charge, the outgoing charges being paid. The net express charges are paid on butter and eggs.

Fruit.

The first shipments of Canadian fall fruit this season have done well, netting \$2.48 to \$2.75 per bbl. on this side. This has caused more active buying in the country. It is reported that one large firm has contracted for from 20,000 to 30,000 bbls. of winter fruit west of Toronto at from \$1.00 to \$1.10 per bbl. Sales are also reported at \$1.20 to \$1.25 per bbl. for choice varieties. It looks therefore as if No. 1 quality will command good prices. There will be large quantities of second and third quality of fruit to market this year for which low prices will have to be accepted. It is likely that a lot of

THE BEST BUTTER

Can only be secured by close attention to every detail. Much of the paper sold as vegetable parchment for wrappers is only imitation, and quite liable to impart a bad flavor to butter. We import large quantities of the genuine article direct from Germany. We supply it plain or printed. Write for samples and prices.

Sentinel-Review Co. Ltd.,
Box 721, Woodstock, Ont.

this inferior quality will be branded for what it is and sent forward to the old country market. On Toronto fruit market apples are quoted at \$1.00 to \$1.50 a bbl., peaches 30c to 25c, pears 20c to 15c, and plums 25c to 50c a basket.

Cheese

The cheese market has taken on a decidedly firmer tone and prices are fully $\frac{1}{2}$ cent a lb. higher than our last quotations. It looks also as if this higher market had come to stay. The advance on this side was due to direct cable orders from England where the demand is good and stocks light. Stocks on this side are very much lighter than last year at this time being estimated at 165,000 boxes on Sept. 1st. prices now rule at 1 cent a lb. higher than at this time last year. The exports from New York continue to fall off so there is pretty clear sailing for Canadian cheese in the English market. At Montreal finest western Augusts are quoted at from 10 $\frac{1}{2}$ to 10 $\frac{3}{4}$ and easterns at 9 $\frac{1}{2}$ to 10c. Early in the week prices ruled firm at the local market at about 10c but towards the end prices eased off and 9 $\frac{1}{2}$ was the highest limit of buyers. A number sold at this figure at Brockville on Thursday.

Butter

The butter market shows signs of improvement. The English market has advanced a shilling during the week and Canadian is quoted at 98s. for finest creamery and 101s. for fancy. The Trade Bulletin summarizes last week's trade as follows:

"Stocks of butter held in this city are expected to be considerably reduced at the close of the present week as most of the steamers leaving port have refrigeration facilities, and will take out considerable butter. Since our report of a week ago prices have advanced about $\frac{1}{2}$ cent per lb.; although buyers claim that the rise is not warranted by their advices from the other side; and that business is greater at the higher range of prices. Be this as it may sufficient transactions have been made to establish rates on the higher basis as quoted in our regular market report. Although a pet factory here and there have brought 20c, it is generally admitted that most of the sales of finest creamery sold in this market at 20c to 20 $\frac{1}{2}$ c. In dairy butter there is quite a lot of Western held here on consignment which it is very difficult to move, owing to quality being poor, and which would have to be sold at 13 $\frac{1}{2}$ to 14c if forced on the market. Selected lots, however, have sold at 15 $\frac{1}{2}$ c. Latest advices from Australia state that the drought has been broken in some sections and that the outlook is less disheartening."

The market here rules steady at 19c to 20c for choice creamery prints, and 18c to 18 $\frac{1}{2}$ c for solids, and 15c for choice dairy tubs or

pails and 15c to 16c for prints. There is too much inferior stuff coming forward. On Toronto farmers' market pound rolls bring 16c to 20c and crocks 15c to 18c a lb.

Cattle

The live stock situation is somewhat stronger than a week ago though prices have not advanced materially. There has been a scarcity butchers' cattle in some centres which has caused prices to advance somewhat. At Toronto cattle market on Friday there was not a large run of live stock, composed of 770 cattle, 1,200 hogs, 1,388 sheep and lambs and 45 calves. The quality of the fat cattle offered was not good. Trade for both butchers' and exporters' was a little better than on Thursday, prices in the different classes being fully maintained. Feeders and stockers were in good demand at firm prices for all of good quality. Good veal calves met with a ready sale.

Export Cattle.—Choice loads of heavy shippers are worth from \$5.50 to \$5.75 per cwt., medium exporters \$4.85 to \$5.00. Heavy export bulls sold at \$4.25 to \$4.50 and light ones at \$3.85 to \$3.90 per cwt., choice export cows sold at \$3.75 to \$4.40 per cwt.

Butchers' Cattle.—Choice picked lots of these, equal in quality to the best exporters, weighing 1,075 to 1,150 lbs. each, sold at \$4.85 to \$5.30 per cwt. Choice picked lots of butchers' heifers and steers, 950 to 1,055 lbs. each sold at \$4.50 to \$5.00, good cattle at \$3.85 to \$4.50, medium at \$3.50 to \$4.00, and inferior to common at \$2.50 to \$3.25 per cwt. Loads of butchers' and exporters' mixed sold at \$4.40 to \$4.85 per cwt.

Feeders.—Light steers, 1,000 to 1,100 lbs. each are worth \$4.50 to \$5.00 per cwt., and light feeders, 800 to 900 lbs. each, \$3.75 to \$4.00 per cwt.

Stockers.—Well bred young steers weighing 500 to 700 lbs. each, are worth \$3.25 to \$3.50, and off colors and those of inferior quality at \$2.50 to \$3.00 per cwt.

Calves.—At Toronto market good to choice calves bring \$3.50 to \$5.50 per cwt. and \$3.00 to \$10.00 each.

Milch Cows.—These sold at \$40 to \$50 each.

Sheep and Lambs.

In their report of Wednesday last, Erick Bros., East Buffalo, have this to say regarding Canada lambs:

"The supply has been moderate this week and the market has held up strong, with the very best, well-finished lambs selling Monday up to 8 $\frac{1}{2}$ c. However, the trade was a little lower to-day and the best ones sold around \$5.75, with extreme heavy bucks and thin ones only, which were selling at 5c. I continue my advice to buy them in Canada around \$1.50 for the very best, all ewes and wethers, and the heavy buck lambs buy at \$3.50, and don't pay any more for them—they are apt to lose you money if you do. The buyers are already

CANADIAN PACIFIC RY.

HARVEST EXCURSIONS

Will run September 16th, valid for
re-urn until November 10th, 1902.

—RETURN FARES TO—

Winnipeg... \$28.00	Swan River \$28.00
W. skada... 28.00	Regina... 30.00
Es evan... 28.00	Moose Jaw... 30.00
Elgin... 28.00	Yorkton... 30.00
Avola... 28.00	Prince Albert 35.00
Mo somin... 28.00	Macleod... 35.00
Wawanesa... 28.00	Calgary... 35.00
Minota... 28.00	Red Deer... 40.00
Bancroft... 28.00	Strathcona... 40.00
Grand View 28.00	

From all points in Ontario, Azilda, Sault Ste. Marie, Ont., and East. Apply to nearest Canadian Pacific Agent for pamphlet.

A. H. NOTMAN, A.G.P.A., Toronto

M-T-T Published monthly, 52 pages. Tells all about Hunting, Trapping and Raw Furs. Sample copy 10c. **Hunter-Trapper-Trapper**, Box 7, GALLATIN, OHIO.

SPORTING GOODS CATALOGUE

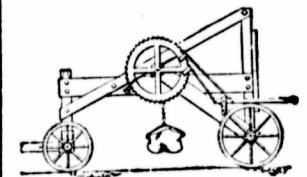
FREE

We send our 1 illustrated Catalogue free on receipt of 2c. stamp to help pay postage.

With it you can choose your equipment for Field, or Indoor sports, just as well as by calling at any store—and cheaper—since we make special prices for our catalogue goods, and our trade is so large we can sell you almost as cheap as some dealers pay for their goods.

GUNS, Revolvers, RIFLES, Ammunition, SHOOTING CLOTHES, Targets, TRAPS, GOLF, FOOT BALL, Boxing Gloves, FENCING, BADMINTON, SKATES, Skating Boots, SNOWSHOES, Moccasins, TOBACCOGANS, SKIS, HOCKEY SUPPLIES, Billiards, PING PONG, etc.

T. W. BOYD & SON, MONTREAL, P.Q.



THE NEW STONE AND STUMP EXTRACTOR BREVETED BY LEMIRE.—Capable of lifting 18,000 lbs. Has no equal for lifting and carrying stones, etc., for placing stones so as to build up fence to 5 feet high and leave the ground in a condition fit for mowing and reaping machines. After the hooks are adjusted on the stones, the only thing to do is to pull the lever. You can lift up a thing, carry it and place it on a stone fence in 10 minutes. The agricultural societies and clubs of farmers should all buy it. Price moderate. For complete details, address to A. LEMIRE, Prop., PLESSISVILLE, QUE., or PLESSISVILLE FOUNDRY, SOMERSET, QUE.

This Stone Extractor is guaranteed for the extraction and transportation of 40 to 50 stones a day, fixed fence.

Guaranteed as mentioned above. Agents wanted. A. LEMIRE, Prop., PLESSISVILLE, QUE., or PLESSISVILLE FOUNDRY, SOMERSET, QUE.

NO NUMBER 8 PRIZE! In-
stantaneous!

Human Stone V. Stock Marker and Call Detector. Stops 2000 ft. if 4000 ft. from rock. Shows 60 ft. in 10 sec. All sizes, with same blade. Extracts Horns. Testimonial free. Price \$1.50 per set. All postal orders. If you want, send balance. Pat. U.S. May 6, 1902. 11 yrs. Canada Dec. 17, 1901, 11 yrs. **PARNER BRIGHTON, Valdeho Iowa, U.S.A.**

complaining against heavy buck lambs, and we are forced to throw them out here and sell them at a considerable discount, especially when the markets are weak. There isn't anything to warrant any advance in prices for the immediate future, so buy them as closely as you possibly can, so as to sell them as stated above."

At Toronto market prices rule steady at \$4.00 to \$4.25 per cwt. for spring lambs and for sheep \$3.40 to \$3.60 per cwt. for ewes and \$2.50 to \$2.75 for bucks.

Hogs
The hog market fell off a little during the week. On Friday, \$7.12½ per cwt. was paid for select bacon hogs and \$6.87½ for lights and fats.

For the week ending Sept. 20th, The Wm. Davies Co., Toronto, will pay \$7.12½ for select bacon hogs \$6.87½ for lights and \$6.87½ for fats.

The Montreal market is steady. Packers there are paying \$7.00 to \$7.25 per cwt. for bacon hogs.

The Trade Bulletin's London cable of Sept. 12th, re Canadian bacon, reads thus:

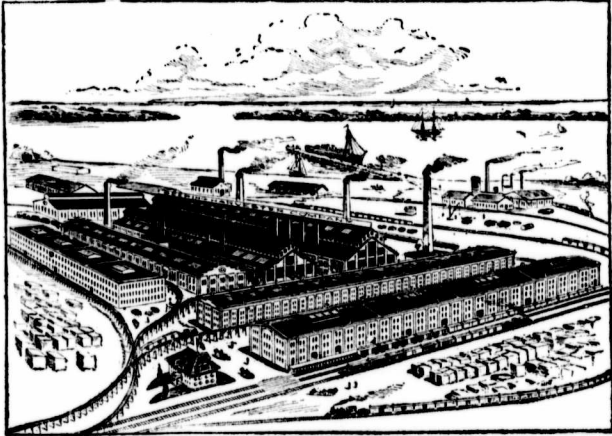
"The market continues firm for Canadian bacon, at the advance cabled you last week."

Horses
The notable event at Grand's last week was the sale of a consignment of general purpose horses from British Columbia. These were brought to Toronto by Mr. C. H. Hadwin, of British Columbia, who last year purchased a large number of stockers in Ontario for the western ranches. There were 40 horses in the lot. They were of the general purpose class and weighed from 1,200 to 1,400 lbs. each. The average quality was good and occasioned much surprise to Ontario dealers who have been accustomed to look for only broncos and Indian ponies from the West. They had clean flat bone, good color and certainly were one of the finest lots of general purpose horses sold here in many a day. One pair 4 and 5 years old sold for \$320. Single horses from \$75 to \$150 each. The whole lot counting in several two-year olds averaging over \$100 each. General exhibition trade was fairly good and sales well attended. Prices were only fair. Prospects, however, are good though many good authorities believe that present high prices are not going to be sustained. Grands will hold a big sale of heavy Percherons and Shire horses about Oct. 13th and 14th next.

A Pioneer Passes Away

There passed away on Sept. 3rd last at his home, lot 12, con. 10, Dawn Township, Mr. George Gould. Mr. Gould was a well-known breeder of Shorthorn cattle and Lincoln sheep. He was born in Devonshire, England, in 1830 and emigrated to Canada in 1853. He settled in Dawn Township, forty-nine years ago where he has resided until his very sudden demise a few days ago.

**DEERING ...
At Home
IN CANADA**



Factory now being erected at **Hamilton, Ont.**, when completed will be the most up-to-date factory in Canada.

NOW CAN'T YOU SEE

It Pays to Buy DEERING MACHINES.

**Deering Division International
Harvester Co. of America**

Canadian Branch Houses:

**TORONTO, Ont. LONDON, Ont.
MONTRÉAL, Que. WINNIPEG, Man.**

Tolton's NO. 1 Double Root Cutter

Points of Merit:

1. To change from pulping to slicing is but the work of a moment.
2. There are two separate wheels, one for pulping and the other for slicing.
3. The united force of both wheels is always used in doing the work in either capacity.
4. The hopper is between the wheels, and does not choke.

The Only Double Root Cutter Manufactured.

Fitted with Roller Bearings, Steel Shafting, and all that is latest and best in principle, material and construction.



TOLTON BROS., - Guelph, Ont.

McAinsh D T comp
230 Carlton st
TORONTO

MEN NEW LIFE



Men who have regained the vigor of youth, who have attained the highest standard of physical vitality, are the men who are shouting the praise of Dr. McLaughlin's Electric Belt.

Doctors all over the world are now talking Electricity, and are using it in one form or another. This is the direct outcome of the recent announcements of the world's greatest scientists, and is a practical admission on the part of physicians of the power of Electricity over drugs as a curative agent.

It has restored health and strength to thousands. It makes weak men and women strong—makes them feel young again.

And how is it with you? Have you rheumatism and back pains, a dull ache and with a tired, stupid feeling? Are you losing your vitality power? Do you feel yourself growing aged before your time? Are you nervous, sleepless, short of memory and lacking in spirit and self-confidence? Do you know that you are not the man you would like to be?

If so, I can cure you. What you lack is just what electricity supplies. My Belt will cure you, and if you will come to me you will soon be one of "DR. McLAUGHLIN'S MEN."

The Praises of My Method Are Voiced the World Over.

After using your Belt for thirty days the pain in my neck was entirely gone, and I had bothered me or about ten years; also now sleep well. **JOHN NICHOLSON**, Plantagenet, Ont.

I am highly satisfied with the Belt. I think a person would be very foolish to suffer when a remedy as your electric Belt is within reach of all. **J. ALEX. MURRAY**, Woodstock, Ont.

I have been wearing your Belt now for three months. Instead of losing weight as I used to every summer, I have put on a few pounds. The losses are stopped and I do not have that tired feeling. **FRANK BABKIRK**, Ssforth, Ont.

I was not able to walk across the floor; now my rheumatism is entirely cured. Your Belt is a grand thing. **WILLIAM HASETT**, Malahie, Que.

I now feel like a new man without a pain or an ache and have gained eight pounds. **CHARLES TEMPLE**, Masonville, Ont. I have not given you a belt half a cent. Since the first time I used it my back has not bothered me, and I have not been troubled with it since 1883. **ARTHUR COOK**, Rainy River, Ont.

It not only restores vigor and increases nerve power, but it cures Rheumatism, Pains in the Back and Kidneys, Indigestion and Constipation, and all troubles which result from weakness of any vital organ.

I am willing to take all chances of curing your case, and if I fail you will have the satisfaction of knowing that one of the best and strongest electrical appliances in the world has failed. All you lose is your time. My confidence in my method enables me to offer any man or woman who will secure me, the use of my Belt at my risk and

PAY WHEN CURED.

I have a nicely illustrated book which every man should read. I will send it, closely sealed, free.

CAUTION.—Thousands write me that they have used Electric Belts and got no benefit, why simply because they have purchased from people who have no practical knowledge of electricity.

SPECIAL NOTICE. I have the only electric appliance in which your case receives special attention of a practical physician, who has made a life study of electricity. The success of any electric appliance depends upon intelligent application. Agents or drug stores not allowed to handle my Belt.

DR. B.A. McLAUGHLIN, 130 Yonge St., Toronto, Ont.

OFFICE HOURS 9 a.m. to 8.30 p.m.

**MILK
TICKETS**

EVERY PATRON OF EVERY FACTORY

Should insist on receiving a monthly statement of the milk delivered from his farm.
Our Ideal Milk Ticket is used by all the best factories. 25c. a hundred. \$2.00 a thousand.

Sample Card Free

Address
THE FARMING WORLD
Confederation Life Building,
Toronto