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CANADIAN BREEDER and AGRICULTURAL REVIEW.

Vol. II.

TORONTO, SEPTEMBER 4, 1883.

No. 36.



"BARMPTON HERO," 278—the Property of J. & W. B. Watt, Salem, Ontario.

DAIRY MYSTERIES.

From the American Dairyman.

Everybody knows the value of practical experience in solving dairy mysteries. The writer of this had at one time the assistance of one man to help him to do all the work in a butter factory, or creamery, where all the milk from a half dozen herds of cows was made into butter. The butter sold at top figures in a city of a hundred thousand inhabitants. Great care was taken in keeping accounts with milk, cream, butter, and churn. There has already been such diversity of opinion upon the quality of the butter, and amount produced, and the ease or difficulty of churning sweet or sour cream, that we tested this matter thoroughly. As to the labor of churning sweet and sour cream, we could see no difference whatever.

It was our custom to take turns at the churn, and as about one half of the cream in warm

weather, when it was hot work to churn, was sour and the other half sweet, it would have been an easy matter for us to have raised a row about who was doing the most work by having to churn the sweet or sour cream, but while we noted the point closely that if we had the cream correctly tempered, and we always used a thermometer, the butter was sure to come between twenty-five and thirty-five minutes after starting the churn, whether the cream was sweet or sour. We also kept account of and figured out several hundred churnings of sweet and sour cream, and while there were many remarkable variations in the yield of butter to the pound of cream, yet in the end the further we went the nearer the yields of the two came together, until we came to the conclusion that practically there was no difference, provided, of course, the sweet cream had its proper age before churning, and the sour cream was not allowed to stand until the acid

ate up the butter in it. The simple fact of "souring" has nothing to do with the butter yield, while the correct age, temperature, and motion of the churn has everything to do with it. The quality of our butter never materially varied, whether we made it from sweet cream or sour. As for its keeping quality, we made it to be eaten at once, which was always done, and we never had any left for old age to monkey with.

To KEEP FOWLS FROM BROODING.—The best method of curing fowls from brooding or sitting is to drive the birds out of the henhouse and leave them at liberty, to purge them by forcing them to swallow a spoonful of castor oil, compelling them to sleep out of doors for several nights, and giving them plenty of green stuff and laxative food. After about three days of this treatment the tendency to incubate will disappear. - (Irish) Farmers' Gazette.

THE CANADIAN BREEDER

AND AGRICULTURAL REVIEW.

Weekly Paper published in the Stock and Farming interests of Canada.

SUBSCRIPTION, - - \$2.00 per Annum

ADVERTISING RATES.

For line, each insertion, - - - - - 20 cents.

(Nonpareil measurement, 12 lines to one inch.)

Brooders' cards, five line space, \$20.00 per annum; each additional line \$5.00 per annum.

Condensed advertisements under classified headings, one cent per word, each insertion, for which cash must accompany order, as accounts will not be opened for them.

Contract rates on application.

All communications to be addressed to

CANADIAN BREEDER,

COR. CHURCH AND FRONT STS.
TORONTO.

S. BEATTY, MANAGER.

Toronto, Friday, September 4th, 1885.

Advertisements of an objectionable or questionable character will not be received for insertion in this paper.

THIS PAPER may be found on file at Geo. P. ROWELL & Co.'s Newspaper Advertising Bureau (10 Spruce Street) where advertising contracts may be made for it in **NEW YORK.**

N. W. AYER & SON, Times building, Philadelphia, are agents for this paper. Files may be seen and contracts made at their office.

THE CANADIAN BREEDER is represented in Liverpool by Mr. J. F. Reid, Chapel Walks, where contracts for advertising may be made and subscriptions sent.

CANADIAN DAIRY PRODUCTS.

English writers on agricultural topics are beginning to understand the possibilities before the Canadian dairy interest. As yet the import of Canadian butter and cheese into the Old Country has not been of a character to very seriously affect the market of the English dairy farmer, but all who visit this country can hardly fail to observe how admirably it is adapted to the production of first-class butter and cheese, and the average English farmer who visits this country has sense enough to see that sooner or later the Canadian farmer will devote his attention almost exclusively to dairying and stock-raising. As we have again and again pointed out, we have in Ontario whole tiers of townships that are now nearly or quite useless, but which would afford support for well-nigh countless herds of cattle and flocks of sheep. So far as the raising of beef is concerned, it is highly probable that the limitless ranges of summer and winter feed in the North-West will take the lead as a source of supply, but in the case of mutton, butter, and cheese the case is wholly different. The short sweet grass on the Laurentian hills will furnish the finest pasture for the making of dairy products and the choicest mutton, while the rich patches of highly productive black loam in the valleys will yield immense crops of coarse grains for ripening, threshing, and grinding; for cutting green and curing in the straw, or for storing in the silo for succulent tempting

food in the depth of winter. The Ontario and Quebec section of the C. P. R. has opened up a great deal of country in which the land is very cheap, but which should be just the territory for the production of choice butter, cheese, and mutton. Besides this, the section between Pembroke and Callender should turn out in a similar manner, while much of the country along the north shores of Lake Nipissing and Georgian Bay could be similarly utilized.

A correspondent of the (English) *Agricultural Gazette*, who is evidently awake to the possibilities open to the Canadian dairy interest, in discussing the prices of dairy produce in England says: "The second danger has been for long foreseen, and arises from the continually increasing competition which he has to meet as new sources of supply are opened up and brought into direct communication with our home market. Canada, about whose capabilities for cheese-making we have until lately been quite ignorant, has suddenly developed a power which has already touched the dairy farmers of England, at the same time as it has alarmed the dairy farmers of the United States."

THE INDUSTRIAL EXHIBITION.

That the approaching Industrial Exhibition will prove a financial success there is no room to doubt. The attendance has always been large and remunerative since the new grounds were opened, but it may be well to ask if there are not other features besides mere financial success to be looked after. The primary object of an industrial exhibition ought not to be mere money-making, and indeed it is very doubtful if any exhibition could enjoy a very protracted run of prosperity were it managed only as a money-making machine.

We have no wish to accuse the directors of the Toronto Exhibition with a disposition to overlook the great objects aimed at in establishing such an annual event, but we would like to give them timely warning of the fact that such an ultimate result of a continuance of last season's tactics is within the limits of possibility. People who bring to the exhibition heavy and expensive machinery, or very costly cattle and horses, are apt to be a little sore if they find that their exhibits are wholly ignored by nineteen out of every twenty people who come to the fair. Continued neglect of this kind would soon cause exhibitors to become "sour" and stay at home with their exhibits. Such a resolution on the part of prominent patrons of the exhibition could not fail to work very disastrously to it in the long run. Though many of the spectators who attended last year saw very little besides Manager Hill's variety show in front of the grand stand, these very people would not have been present had they not been convinced that they were going to a really great exhibition. Take away the real legitimate features of the great fair, and the variety show might "put up its shutters" immediately. But while many would go to see the performers on the trapeze and slack

wire after finding themselves on the ground, not one in a thousand would attend the fair for the sake of seeing them. Indeed, while such features serve to distract the attention of spectators from the legitimate exhibits, it is doubtful if they materially increase the gate receipts.

Another unpleasant feature of last year's fair was the miserable inadequacy of the arrangements for furnishing decent meals to those desiring them. The prices charged, though not too high for good meals decently served, were abominably exorbitant when the wretched quality of the food and the slovenly and filthy manner of serving it are taken into consideration. It is to be hoped that the refreshment privileges will this season be in the hands of those who know how to furnish clean and substantial meals decently and with despatch.

THE TROTTING CIRCUIT.

Last season some of our friends thought we were inclined to take too gloomy a view of the subject when we intimated that the meetings of the great trotting circuit were gradually dropping out of public favor. Any one who has "gone through" the circuit this year will hardly think we were beside the mark when we hinted at the close of last season that the only thing that could arrest the decadence of the trotting turf would be the inauguration of some very radical changes of programme.

What is the matter with the trotters?

They do not lack speed. Maud S. has wiped out even her own brilliant record of '84, while the Canadian Phyllis has cut the record of our Province-breds down away below anything that would have been dreamed of a comparatively short time ago. The battle between Phallas and Maxey Cobb would, a few years ago, have brought half the horsemen in the United States and Canada together, and yet anything like a revival of interest in the trotting turf has this year seemed out of the question.

And while all this has been observable on the trotting turf, the running races appear to be steadily growing in public favor. Thousands have watched the turf battles by such giants as Miss Woodford and Freeland with bated breath, and yet the American public are said to be a "trotting horse people."

Now, does any one suppose, if running horsemen of the United States had been sticking persistently to "mile heats, three in five," with 110 lbs. up, from the days of Boston and Fashion, and Wagner and Grey Eagle, down to the present day, that Monmouth Park, Coney Island, Saratoga, Washington Park, Lexington, Louisville, and Baltimore would be the popular racing resorts that they now are? Any child would know better. And yet our trotting horsemen will give us nothing but mile heats, three in five, in harness year in and year out. It is no wonder people have grown sick of it. It is not a race calculated to bring out the most desirable qualities for a gentleman's fancy roadster. It is a race that

should be left on the programme of every meeting, but the best prizes should go to winners of races best calculated to bring out the highest qualities of the first-class roadster. Let us have a race at two mile heats to waggon, saddle races, team races, a three mile dash, and anything else in the shape of an old-fashioned race that will vary the monotony of the everlasting "mile heats, three in five, in harness."

CANADIANS AND THE NORTH-WEST.

Though having many qualities to recommend them, no one can reasonably claim that average Canadians are particularly enterprising. Our farmers are intelligent and industrious, but they are as a rule the reverse of speculative or adventurous. No better proof of this can be

Two years ago, when the writer of these lines was talking to some of the stockmen of Chicago and Helena about Alberta as a ranching country, the Americans were disposed to ridicule his views on the subject. They were quite sure that he over-rated the capabilities of Alberta. If any one thinks that American and English cattlemen are not waking up to the value of the Canadian North-West as a ranching country let him read the following paragraph clipped from the *Chicago Breeders' Gazette*:

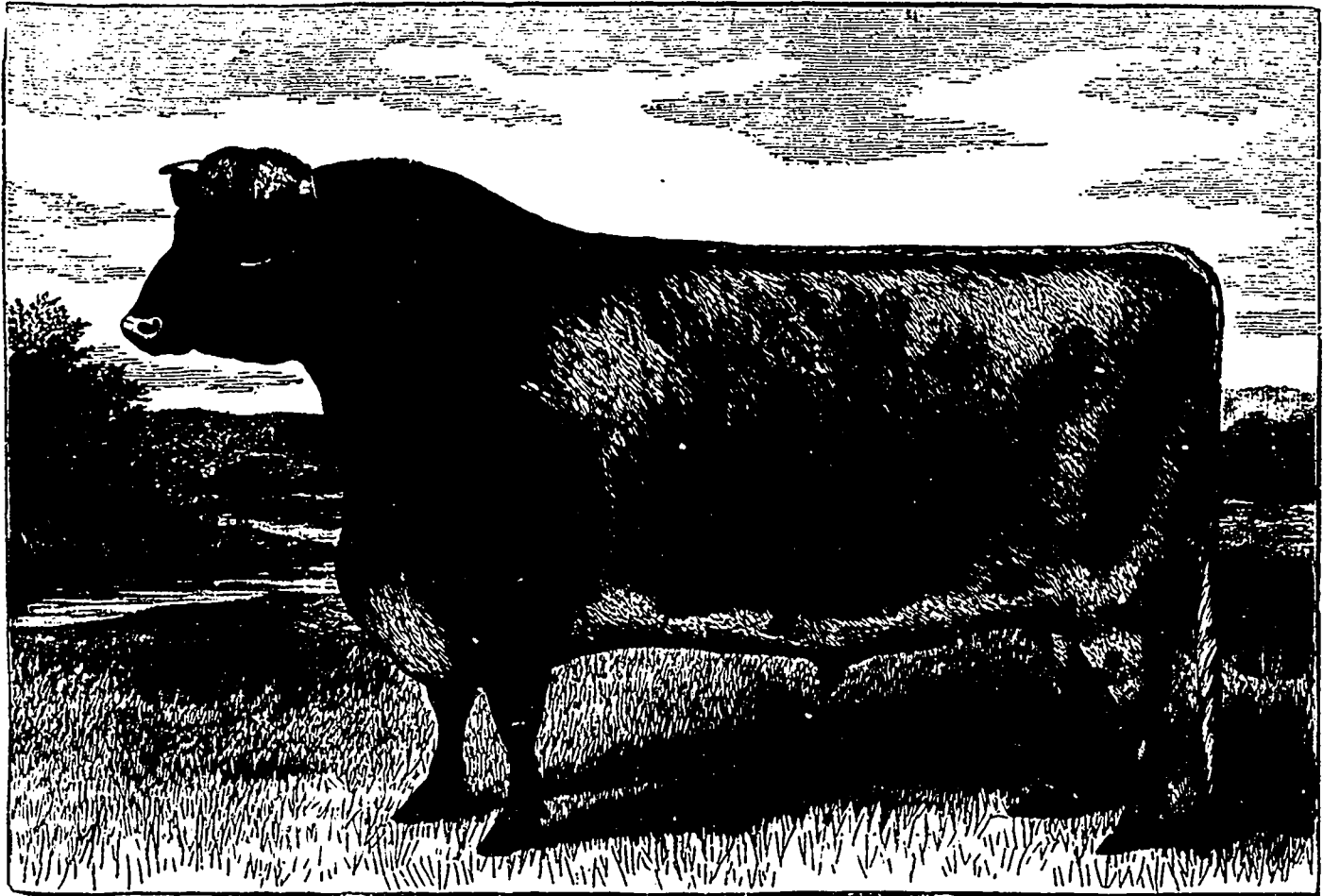
"Mr. Moreton Frewen, the well-known 'cattle king,' recently had an interview with the Canadian Premier and the Hon. Mr. McLelan, in connection with securing a lease of a cattle range in Alberta, Canadian North-West. This section he considers better adapted to cattle-raising than Wyoming, having, by reason

THE QUEEN'S PLATE.

A correspondent writing from St. John, N. B., sends the following questions:—

"What is the value of the 'Queen's Plate'? Where is it run for? On what terms is it run for? Please give me any information you can as to rules, &c."

The Queen's Plate (so far as Ontario is concerned) is run for at the regular spring meeting of the Ontario Jockey Club at Woodbine Park, Toronto. The race is a mile and a half dash, weight for age. To be eligible a horse must be a maiden, and be bred, raised, and trained in the Province of Ontario. The stakes are somewhat variable, as heretofore the entrance has not been uniform, but the added money is always fifty guineas. It has been the custom



"DUKE OF ALBANY," 1202—the Property of Wm. Heron & Sons, Ashburn, Ontario.

found than in the apathy with which they have regarded the opening up of the great Canadian North-West. Again and again has it been pointed out that nearly the whole of the Province of Alberta is one of the finest sections for the stock-raiser or the dairyman to be found under the sun, but one range after another passes into the hands of English or American capitalists while Canadians stand idly by and watch these golden opportunities slip through their fingers. It is no use to tell them that cattle and horses can thrive all winter on the winter ranges along the Bow River and its tributaries. They will not believe it till they see it tried, but the men who try it will take up the ranges themselves and leave the slow-going cautious Canadian to lament his neglected opportunities when it is too late to mend matters.

of its lesser elevation, a more favorable climate in winter. Mr. Frewen says his ranges in Wyoming are overstocked, and as soon as he has secured territory on the Canadian side of the border he will remove some of his stock thither. The ranche prospects of Alberta, in the Canadian North-West, this year are reported to be more satisfactory than they have ever been since ranching was introduced into the country. The 'round-up' south of High River is showing a calf crop of 80 per cent. The sheep interests north of High River seem to be equally prosperous. The fleeces are averaging seven pounds and the lambs have all done well."

When it is too late Canadian capitalists will learn that the Canadian North-West offers a field for stock-raising such as is not to be found anywhere else on this continent, but not till then will they be ready to move in the matter.

of the Ontario Jockey Club to make the entrance fee \$20 each, and give the plate, \$250, and the stakes to the winner, while \$100 for second horse was added out of the racing fund. The following clipping from the last Jockey Club programme fully covers the case for the present:—

"QUEEN'S PLATE—\$250.—For horses bred, raised, and trained in the Province of Ontario, added to a conditional sweepstakes. Payable, \$5 at the time of entrance (1st January, 1885), and an additional \$5, unless declared out, on or before the 12th of May. Entries made between the 1st of January and 12th of May, when stake finally closes, \$15 each, p.p.; distance, one mile and a half. The Club will give \$100 to second horse. Plate and stakes to winner."

The conditions for the Quebec Queen's Plate are much the same.

OUR ILLUSTRATIONS.

Shorthorn bull Barmpton Hero, 278, 58813, the property of J. & W. B. Watt, Salem, Ont.

Barmpton Hero, 278, 58813, roan, was bred by Mr. J. Dryden, Brooklin, Ont., and now stands at the head of the herd of Shorthorns owned by Messrs. J. & W. B. Watt. He has won seventeen first prizes at our best shows, and is one of the best stock-getters; was sired by the Cruikshank bull Royal Barmpton (32996), dam Mimulus, imp., by Champion of England (17526), g. d. Mistletoe by Lord Raglan (13224.)

Duke of Albany, 1202, the property of Wm. Heron & Son, Ashburn, Ont.

Illustration Duke of Albany, 1202, roan was bred by A. Cruikshank, Sittyton, Scotland, and now stands at the head of the herd of Shorthorns owned by Messrs. Wm. Heron & Son, Ashburn, Ont. He is an animal of great merit, being a provincial winner, and sire of some good calves. He was got by Roan Gauntlet (35284), dam Acrimony by Barmpton (37763), g. d. Abarilla by Barmpton Prince (32995).

OAKLANDS DAIRY COTTAGE.

The Oaklands Jersey dairy cottage, of which we give an illustration, is a credit to Mr. Fuller's enterprise. He is reaping the reward of the spirit and energy he has brought to bear on the business he has so successfully built up, and well he deserves it.

PERCHERONS.

Please give me the names of houses in Canada, importers of Percheron horses. By answering above you will oblige.

JUDY.

Hiram Walker & Sons, Essex stock farm, Walkerville, Ont.

VERY PECULIAR TROTTING INHERITANCE.

Dr. McMonagle, of Prescott, Ont., writes the *Turf, Field, and Farm* as follows:—

"The bay gelding Stadacona, 15.1 $\frac{1}{2}$, wall-eye (right), two white hind socks, left fore pastern white, broad, twisted to the right blaze in the forehead and face, flexed and continued to an absolutely white nose and upper lip, was bred and is still owned by Mr. Swift of Quebec, who yet owns and utilizes his dam as a brood mare. Stadacona was in training as a three-year-old for the Queen's Plate in Canada; has run a quarter trial in 25 $\frac{1}{2}$ seconds; but in his training practice, with a lad on his back, exhibited so much trotting speed that he was withdrawn from running and put to work in light harness, with a view to trotting development. As a trotter Stadacona wears no weights when at speed, simply protection boots, and in 1884 trotted and won a race at Barrie, Ontario, securing a record of 2.44 $\frac{1}{2}$, obtaining also a similar record by winning a heat at the Quebec meeting this season of 1885. I am assured by Mr. Swift that Stadacona was bred as follows:—Sired by Carlton, a thoroughbred

runner and performer, a grandson of Lexington; dam, bred by Dr. Coleman, V.S., Ottawa, Ontario, May Queen, full sister to Galatea, a noted steeplechase runner and hurdle racer of Canada, and winner of thirteen out of nineteen such contests; by Sunshine, out of Queen, by imp. Emigrant. The above is the rendering given me by Mr. Swift, breeder, owner, trainer, and driver of Stadacona; but my recollection is that Queen was by Black Jack (Rescue), thoroughbred son of Emancipation, thus:—

Stadacona, trotter, 2.44 $\frac{1}{2}$.
 Carlton, thoroughbred (Logan Bruce), grandson of Lexington, by Boston, p. 561, Vol. I., Bruce's Stud Book.

May Queen, full sister to Galatea
 Sunshine, thoroughbred, page 78, Vol. I.
 Queen. Black Jack, thoroughbred (Rescue), page 670, unknown to me.

"Stadacona is entered in this fall's Northern New York Trotting Circuit, and on his way hence to Watertown, stopping at Ogdensburg, I was invited to inspect him and see him speed for exercise on the Oswegatchie track. Being cognizant of the ability of Stadacona to trot many seconds faster than his present record, I request publicity to the above and invite investigation as to his breeding and history."

The same paper in a note says that the mare by Black Jack was named Queen of Trumps. It may be added that Carlton above referred to was a very clever little galloper (thoroughbred) by Lee Paul, a son of Lexington. Sunshine was another thoroughbred, being by imported Balrownie out of imported Comfort by Irish Birdcatcher. Should Stadacona trot below a "twenty gait" he will prove a sad stumbling block to those who object to running blood in the trotter.

Correspondence.

SUPPRESSION OF TIME.

To the Editor of THE CANADIAN BREEDER.

Thanks for your timely article on the suppression of time in trotting races, and it applies just as much to horses in the States as to those in the Dominion. Ida Ervon, now owned at Mexico, Mo., started in a no time race at the Vernon Mo., county, fair, and had a fine of \$100 assessed against her. I like to see THE BREEDER come out honestly and squarely. I cannot but think that if the editor of THE BREEDER was going to try to breed trotters he would leave the little Canuck and take the royally true blue blood of England, and I have no doubt that, like hundreds of others who have tried it, he would fail of success. Will the said gentleman please manipulate the trotting records so as to show that any thoroughbred ever trotted a full mile in three minutes, or that any half-bred horse ever entered the 2.30 list whose sire or dam was not at least half pacing bred; he will have an all summer job. The editor of THE BREEDER takes it for granted that because "Hopeful" is trying to breed trotters in south-west Missouri, he knows nothing of the Canuck, while his earliest recollections are of learning to ride horseback, and his steed was a bay Canuck with a curly mane and tail. Later, one of the pleasantest road horses he ever sat behind was

brought down into Vermont from Canada, a sorrel with white face and legs, and could road close to a 2.40 gait. If the editor and readers of THE BREEDER will study American equine history, they will find in Rhode Island there was a race or breed of pacers, and large numbers of them were taken to Canada, and they were undoubtedly the progenitors of the now famous Pilot, Canada Chief, Davy Crockett, St. Lawrence, and the many other first-class sires brought to the States from Canada.

The breeders of the United States and Canada want to read all sides and hold fast that which is good, and keeping the central truths before their eyes: 1st. The pacer is faster than the trotter. 2nd. There are ten trotters to one pacer in training, and there are sixteen 2.15 pacers to eleven 2.15 trotters, that six of these are at least one-quarter pacing bred. 3rd. That no sire of fast trotters has ever failed to produce some fast pacers, and that no fast pacing sire ever failed to produce some fast trotters. 4th. That the sire having the largest number of 2.30 trotters was himself a fast pacer. 5th. That no thoroughbred that ever lived has sired two colts that both trotted or paced into the 2.30 list, that no thoroughbred has ever sired a three-minute trotter from a full blood runner. 6th. That no horse having a thoroughbred dam has ever sired uniform winners in trotting or pacing races. Taking these for the literal truths they cannot come out far wrong, and they will pass the Lexingtons, Lapidists, Long Fellows, and Grey Eagles, to take the Blue Bulls, Hiogogs, Hazards, Tom Hals, Crowders, and Legal Tenders, or they will take established trotting families and sires.

One word about the colt Palo Alto, so widely advertised as the dam Winnie colt. Out of all the thoroughbred dams experimented with by Gov. Sanford, this is the one colt giving a show to that blood. He undoubtedly was a world of speed, but if he has any of the qualities of the ancestry of his dam, and he ever meets a colt having 70 per cent. of his speed, you will find a race lost for Palo Alto, and the grapevine breaks of Jay-eye-see will be outdone. The fastest animal we have in our breeding animals is a mare dam by Lapidist, but a Pilot Blackhawk 10 seconds slower will beat her every time in a race of heats. Let us have all sides and hold fast that which is good.

HOPEFUL.

Pierce City, Missouri, August 28, 1885.

OUR ENGLISH LETTER.

From our own Correspondent.

LIVERPOOL, Aug. 22nd, 1885.

Imports of Canadian stock for current week are very light, and the prospects for next few days seem more encouraging. Despite the serious losses experienced by United States exporters, they still keep pluckily on, hoping in time to beat off their Dominion rivals. How, or why, they hold on to the business, it is difficult to guess, but all the time they face the music, smiling. Our own shippers have had it pretty stiff for a few weeks past, and many of them, no doubt, are a trifle scared, but on the whole they have had, comparatively speaking, quite a good time compared with the Yankee dealer. This week things have improved a bit, and prices are higher by nearly 2c. per lb. than they were eight days ago, but even at 14c. per lb.—the extreme quotation for Canadian cattle—there can't be much of a profit. Prices are still too high on your side to make our markets remunerative, and now that we are within a measurable distance of the finish up, shippers



Cottage erected in the Industrial Exhibition Grounds, Toronto, by Mr. Fuller, Oaklands Jersey Farm.

must keep the brake on. The cables two weeks ago from this end were straight and to the point, and the reduction they caused was only four weeks too late. Freights and values are now on a better footing, and good honest cattle ought to leave some little money from this out. The Irish supply of fat stock is said to be very heavy this year, but I think the report is to be taken with a pinch of salt. To be sure we have the returns from the Agricultural Bureau certifying the large increase in cattle, sheep, and lambs this year, but the proportion available for market must be very small, and its actual influence on values correspondingly weak.

GREAT SHORTHORN SALES.

Mr. John Thornton has sent me a catalogue of the Earl of Bective's celebrated Shorthorns, which are to be sold on 3rd Sept. next. I quote from Mr. Thornton's notes the following interesting particulars of this grand herd:—

"The Underley herd, founded in 1868, is now one of the largest and most valuable in the north of England, and having increased beyond the winter accommodation of the farm, Lord Bective has resolved to sell off a certain number, except a few of the most favorite tribes, viz., the Duchess, Grand Duchess, Underley Darling, Red Rose Princess, and Darlington, but of the three last a choice selection will be made for sale. Among the females to be sold are two very fine specimens of the Holker Ox-fords, viz., lot 3, Grand Duchess of Oxford 33rd, very forward in calf, and her handsome roan yearling heifer, lot 36, by Grand Duke 31st. For these two a recent pressing application to sell for exportation to America has been refused. There are three Kirklevingtons, lineal descendants of Kirklevington 7th, the ancestress of the Siddingtons, Marchionesses, and other highest priced animals of this favorite and good milking tribe. Five lots are of the Princess tribe, which has been so much admired, and has produced so many fine animals, especially bulls, at Underley; these are of the Lady Sale branch, whence came that beautiful cow Lady Sale of Putney. Of the Darlington tribe the catalogue contains a large number of remarkably fine animals, including that beautiful cow Dowager 3rd, lot 7, by that celebrated sire Duke of Connaught; it is this family that has been so greatly admired at Underley, Whittlebury, Badminton, Berkeley, and Elm-hurst, and that recently maintained good prices at the Hindlip sale. Several of the well-known Red Rose, Old Daisy, and Duchess Nancy tribes are included, as well as five choice animals of the favorite Waterloo tribe, and it is this tribe that has been infused into the whole herd by the use of that excellent sire Grand Duke 31st 38374. This fine old bull, now in his ninth year, was purchased

when a handsome yearling at Sholebrooke for 1650 gs. Being by Grand Duke of Waterloo from Grand Duchess 17th, he combines two of the best Bates' strains that have rarely been united, and is the offspring of two beautiful animals; the produce of this bull show the size and quality as well as the fine hair and handling for which the blood has so long been famous, the young bulls in particular being remarkably good, indeed, they are considered to be one of the finest lots ever bred at Underley. Amongst them is Turcoman 10th, lot 53, of the Underley Darling tribe, that has been carefully fostered at Underley since the formation of the herd on account of its great milking properties, for which latter reason there has been an excellent demand for its bulls. Many of the heifers are in calf to Grand Duke of Geneva 3rd 42677, bred by Messrs. Leney, combining the Airdrie Duchess line through his sire, the late Sir Curtis M. Lampson's Rowfant Duke of Glo'ster 2nd, with the Geneva branch of the Duchess line through his dam Grand Duchess of Geneva 7th, which was publicly sold at Wateringbury last season for 1100 gs. to go to South America. These heifers will be found, like the young bulls, an even-fleshed beautiful lot, in nice healthy breeding condition. Ensilage has been used on the farm during the past winter, principally for the young stock, which have this spring turned out in their usual good condition, and have since thriven remarkably well.

"The sale also includes three bulls from Mr. Wakefield, whose herd at Sedgwick has produced various prize winners at the Royal and other leading agricultural shows; a Princess bull from Mr. Rawstorne's, also a fine young Duchess bull from Lathom (a son of Mr. Oliver's Grand Duke 41st), and an Oxford bull from Killhow, the latter being by Mr. Hugh Aylmer's Sir Simeon from a granddaughter of that celebrated cow Grand Duchess of Oxford 11th, sold at the Whitehall sale, 1875, for 2000 gs."

THE BALLYWALTER SALE.

The twenty-third annual sale at Ballywalter on 14th Oct. comprises nineteen young bulls and twelve yearling heifers, all of which are by Lord Provost 46697, a strong, thick-fleshed bull, of the favorite Bliss family, hired from Warlaby. Their dams are fine cows, also by Warlaby sires, and bred from the famous herds of the late Mr. Holmes of Moycashel, Co. Westmeath, Mr. R. Booth of Studley, Mr. A. L. Maynard of Marton le Moor, Mr. Wm. Torr of Aylesby, and other eminent breeders; indeed, for over forty years the herd has been bred from the best stocks in England and Ireland in the most systematic and practical manner. Its high character is so long established, that little can be told that is not already well known to the now

public. On reference to the catalogue it will be seen that all the animals are full of Booth blood. For the last quarter of a century Warlaby bulls have been exclusively used, and therefore an unbroken line of this valuable blood is kept up. The heifers are being served by that fine young bull Prince 51859, recently over from Walraby, the date of which will be given at the time of selling.

The sale is made subject to the by-laws of the Shorthorn Society of Great Britain and Ireland, but in the event of accident the right to make a bid is retained. Purchasers from a distance will receive assistance in the delivery of their lots, and their shipment carefully attended to.

The dead meat trade has just received a considerable check in consequence of the arrival of a large consignment of carcasses of mutton in a most unsatisfactory state. This came from Oama:n by the "Elderslie," and consisted of about 26,000 carcasses of sheep and some 750 lambs. Of this cargo 7,000 carcasses were sold at 9c. per lb., 5,000 were condemned as utterly unfit for food, and the condition of the whole was stated to be unsatisfactory. Of a large number of shipments which have recently taken place from Australia and South America, this is by far the largest, and it may be added the worst in its results.

COLD, WET PACKING IN THE TREATMENT OF PARTURIENT APOPLEXY OR MILK FEVER.

To the Editor of THE CANADIAN BREEDER.

In compliance with section 2 of an Act passed by the Michigan State Legislature recently adjourned, providing for the dissemination of information gathered by certain departments of this college, I beg to submit for consideration some very favorable results I have obtained from the application of *cold, wet packing* in the treatment of parturient apoplexy, or milk fever. Before, however, taking up the practical part of the subject, I may be pardoned if I notice some of the chief characteristics by which this disease may be recognized; for this is a complaint which is not familiar, except indeed by name alone, to many of those breeders who only raise one or two animals annually, and unfortunately the number of animals that are invaded by it is on the increase from year to year, in direct ratio with the improvement in milch cattle. It is very important that it should be detected as soon as it makes its appearance, for I do not know of any disease where the old adage of a "Stitch in time, etc.," can be more appropriately applied than to the one under consideration, and the remedy which I shall further on allude to has, in those instances that I have applied it, "nipped the disease in the bud."

SYMPTOMS.

In those cases which I have had an opportunity of observing in the early stage, the first evidence of something being wrong was an exhibition of general restlessness and loss of appetite, accompanied in many instances by rigors, or in other words a chill, which is often more or less confined to the hind quarters; this is usually followed by what is called by veterinarians paddling of the hind feet, which consists in an uneasy movement of them, during which they are lifted, first one, then the other, from the ground, and put down again, not exactly with a kick, but rather a paddling like motion. At this stage there is usually a profuse discharge of tears from the eyes, the countenance is one of anxiety and distress,

when, singularly enough, the mother seems to lose all interest in her offspring, and will not notice it. If the affected animal is required to walk, it will do so with a staggering gait, or will even drop behind, and fall down.

The secretion of milk is much diminished, or perhaps stopped altogether. The above may be considered as the symptoms of the first stage, to be followed, however, in somewhat rapid succession by those of

THE SECOND STAGE,

In which paralysis and impairment of those organs which control consciousness are most noticeable. The unfortunate animal will lie or fall down, and is often unable to rise, although it may make frequent attempts to do so, but eventually gives up, completely discouraged. At this point the head will be flung around to the right side and kept there persistently. The muscles upon the side of the neck become firmly contracted; even when the head is brought, by force, into its natural position a sort of kink will appear in the side of the neck towards which the head is thrown, and which I have seen remain for some days after the animal was able to walk about. In other instances I have seen cases where the animals would rest their heads upon their horns, thrown back against the floor. In these cases care must be taken by the attendant to prevent the animals from breaking off the flints, or horn cores, by the force they occasionally use in flinging their heads about.

IN THE THIRD STAGE

The animal drops into a profound sleep, when it will lie almost motionless, breathing, it may be, with a loud, snoring sound, the cheeks becoming inflated at every expiration. Things go from bad to worse until death eventually closes the scene. Once in a while, though, one will meet with a case where this profound sleep appears to do the animal a great deal of good, for it will awaken to make a rapid recovery.

The foregoing manifestations, together with others not perhaps so perceptible, will be observed to a greater or less extent in every pure case of this disease.

TREATMENT.

Before describing the manner of applying the pack I would like to say a few words as to how I came to adopt this form of treatment. In short, some time ago I was called upon to visit a cow attacked with some unknown disease (unknown to the owner). I was not long in determining that I had a case of parturient apoplexy to deal with, but in passing my my hand over the animal's body, during my examination, I observed it to be bedewed with moisture, which I thought was water, it being a wet day, and asked the owner how he came to leave so sick a cow out in the rain; to which he replied that "she had not been out in the rain, but had been in the stable where I was then examining her since she was first taken." I must admit I was somewhat astonished, but a closer examination revealed that the moisture was sweat from the skin, and not rain-water. This most unusual occurrence caused me to reflect before proceeding with my usual treatment, but soon concluded that nature was doing all she could to throw off, as it were, the disease, and did not feel disposed to interfere with any of my own medicaments, but rather tried to help nature in her effort, by placing plenty of dry straw around the cow, and a light, warm blanket over her, and after attending to some of her more immediate wants, it being late at night, I left her, not before, however, telling the owner to come for me if she showed any evidence of not progressing favorably, and explained to him why I did not there and then give the cow some medicine.

The next morning she was much better, and in the afternoon was able to walk about, although paralyzed and unable to rise the night before. With careful feeding she made an excellent recovery. This case and others have made a very strong impression on me that the diaphoretic (a remedy which causes a discharge of perspiration from the skin) form of treatment is the sheet anchor in this disease, but the difficulty was to get one whose virtues were not more than counterbalanced by other circumstances. I have often longed to try the Turkish bath, in these cases; unfortunately this kind of diaphoretic is not one that can be carried about conveniently, so that it becomes impracticable. I have tried the hot blanket with variable success. The difficulty with them is the trouble of applying them properly, and it is hard to get attendants to make the changes at the proper times, or to do so in such a way as to prevent the animal from getting a chill; then the hot water is often inconvenient, the boiler, perhaps, being some distance from the stable, with many minor difficulties, perhaps too numerous to mention. The cold wet pack has from time to time been brought under my notice, and eventually I was induced to try it, and I must say that in my experience it has done all that could be desired. Then it can always be procured; not only that, but it can be procured readily, which is an invaluable advantage in this disease, for before the malady has had time to prostrate the animal you have it headed off as it were, and before other remedies would have time to act, with this one the animal is often on a fair way towards recovery.

Before applying the cold wet pack, the owner or attendant must make up his mind to do the work thoroughly, or perhaps it will be better not to do it at all. So for the benefit of those who wish to try it, I shall now describe the manner in which I proceeded in detail. Before putting on the sheet I consider it a good plan to rub the animal, say for four inches on both sides of the centre of the spine, and from the withers to the tail, with the best mustard, made up as for table use, and rub in for about fifteen minutes. This may be left on for two days. To apply the pack, take say a bed sheet and wring it out of cold water and wrap it around the cow; every part but the head may be covered; if one sheet is not large enough sew two together. On top of the sheet place say two pair of the lightest and warmest blankets that can be obtained. Nothing could be better than these light cotton batting comforters, so popular now in every household. Over all place an oilcloth of some kind, or other close fabric that will keep the heat in. Those parts of the body, the legs, etc., which are not covered by the sheet must be covered with straw, or other material, for they must be kept warm. In the course of half an hour or so after the pack has been applied the body will be thrown into a profuse perspiration, and will continue so for an hour or so, but as soon as the skin begins to get cool then preparation must be made for a second pack, and the changing must be quickly effected, or too long exposure will do more harm than the next pack will do good. If the wet sheets can be changed without removing the top coverings, all the better. Some animals are exceedingly restless during the progress of this disease, and it is these that give so much trouble, and require constant watching to keep the pack in its place. Others will show much uneasiness of the head, which may be modified by tying cold wet cloths around and across their horns. With regard to the length of time the pack requires to be applied I cannot say; in my own experience the symptoms have always been relieved in twelve hours, sometimes in

half that time. After it is taken off care must be taken that the skin is kept moderately warm. While the symptoms last the cow must be kept from throwing itself over on its side; this may be done by packing sacks filled with straw against its sides. The milk should be drawn several times a day, and the bladder emptied; this latter operation generally requires the assistance of a veterinarian to show the attendant how to do it. When certain complications occur, such as distention of the rumen with gas, etc., the remedies which are calculated to relieve them must be used, but I think these should be left to a veterinary surgeon. But to return once more to the pack, I may say that I have had experience with it which justifies me in saying that it will often overcome the disease without any other treatment, and even if it does not in all instances, it will at all events keep it in abeyance until proper veterinary assistance can be procured. When the animal recovers it should be fed for a few days, say a week, on soft diet and receive a little daily exercise.

E. A. A. GRANGE,
Prof. Veterinary Science,
Michigan Ag. College.

Lansing, Sept. 1st, 1885.

[Prof. Grange, writer of the foregoing letter, is a native of Guelph, Ontario, and a graduate of Ontario Veterinary College.—ED. BREEDER.]

MR. J. M. BELL'S HERD OF SHORT-HORNS AT BURNSIDE, ATHA, PICKERING, ONTARIO.

FOR THE CANADIAN BREEDER.

Upon my arrival at Mr. Bell's place I was fortunate in having all the cattle before me in the barnyard. I was surprised to find such a lot of fine Shorthorns, so little known to the people outside of Pickering township. The first cow that took my attention was an old roan cow, Countess of Burnside, with an udder that almost touched the ground; a grand old cow got by imported Lord York [1714] from Jenny Lind by Highland Chief [7547]. Highland Chief was a successful prize winner at the county shows. Beauty is the next cow. She is a daughter of the first mentioned cow Countess of Burnside, being a magnificent cow, heavily fleshed, with good loin and crop and full heart and a good udder. She is sired by Lowan Duke [5644], a highly bred Bates bull bred by Mr. Alexander of Kentucky. Beauty recently calved a red B.C. by King of Moreton.

There are two other cows, both daughters of the first-named Countess of Burnside. Adela Red by Lowan Duke [5644], and Rosebud by Proud Duke [2079], both very good cows, and good milkers. Oxford Lass, red and little white, got by 2nd Duke of Pickering from Necklace 7th by Proud Duke [2079], is a four-year-old cow; a very useful animal. There are several more of the same family, and as Mr. Bell expressed it, they are a good and profitable family. Julia is a daughter of Necklace 7th; a three-year old heifer with a good udder, got by Ercildoume [593], a bull of Mr. Isaac's breeding at Cobourg. Necklace 8th comes next, got by Proud Duke [2079], and Necklace 9th by the same sire, and two superior stock cows they are, and the dams of some very good calves, especially the latter, of which we shall speak presently.

Nellie is next, a roan three-year-old heifer from Rosebud got by Proud Duke [2079], got by Crown Prince of Strathallan [212]. Ruby is another three-year-old heifer, red and a little white, got by Ercildoume 593, from Queen of Atha by the Doctor [660]. Queen of Atha was a winner of first honors at the Provincial and

other shows. Our next is a daughter of the old cow Countess of Burnside, and a heifer of wonderful symmetry is Maid of Atha, and would make a most dangerous rival if put in order for exhibition. She is by King of Moreton, a Bates bull bred by F. W. Stone, Guelph, and now at the head of Mr. Bell's herd, and from her we come to her cousin, a granddaughter of the old cow's, Bessy by name, red, and got by King of Moreton. She is a very lengthy heifer with good rib, and level on her top, and is one of the best heifers, if not the best, of the many good ones in the Burnside herd. A daughter of Bonny Lass next takes our notice, red, called Lady Moreton, got by Confidence [1313], who was a son of Queen Atha by the Doctor [660]. Another heifer of the same family is Model, who is almost as her name signifies, from Queen of Atha, got by Lord Strathnallan. Lord Strathnallan was bred by Mr. J. Miller of Thistleha, and was a successful prize winner at the Provincial and Industrial exhibitions. We again come to a granddaughter of Countess of Burnside, namely, Isabella, from Adela, got by King of Moreton. She is a very superior yearling, and if lucky will make a very good cow. A red daughter of Queen Atha next takes our attention. She is particularly good about the crop, and a level top, in short she is a very good cow, and sired by Confidence [1313], a bull of Mr. James Lowry's breeding, Markham, Ont. There are a number of very good calves, too numerous to particularise, but I can't look over a beautiful red daughter of Beauty, a gr. d. of Countess of Burnside, without a few remarks. She is a calf of great substance, splendid rib, deep sides, and lineable both on her top and below, and would indeed make a superior calf for exhibition purposes. She is got by King of Moreton, the Bates bull of Mr. Stone's breeding. The others, six in number, are chiefly reds and got by King of Moreton. There are also three or four red bull calves, all sired by King of Moreton, very promising calves indeed, especially the one from Beauty, and if he goes on all right he may even make a bull as successful as his gr. gr. sire Highland Chief, who was bred by Mr. J. M. Hill, Harristown, Ills., and whose sire was the Duke bull 11th Duke of Airdrie 5533, from Margery by Afton 1173, and goes back to old Bright Eyes by Favorite. King of Moreton is now shown me. He is a red bull and heads the herd. His pedigree allows him to head almost any herd of Shorthorns, and his symmetry also is good, being a very straight animal, and standing well on his legs; long quarters and good buttocks, head and neck put well on a pair of fine shoulders; he was bred by Mr. Stone, of Guelph, Ont., got by Barrington J. 2nd, 31746, dam Queen of Weston 7th by 8th Airdrie 21883, gr. d. Queen of Weston 5th imp. by Cherry Fansley (30711), g. gr. d. imp. Queen of Weston 2nd by Duke of Kent (25979), &c., to Princess by St. Albans (2584) and to Lawnsleeves 365. Mr. Bell purchased the Doctor [660] for \$1,400, and sold him after using him successfully, both in the show ring and in his herd, to Day Bros., Iowa, for \$2,000. Doctor was winner of first prize and special for best bull of any age at Agricultural and Art Association show at Hamilton in 1876; he was bred by Mr. Dereham, Palmer's Green, Middlesex, Eng., and imported by the veteran breeder Mr. Cochrane. The Doctor, strictly speaking, is a Booth bull, having the blood of Royal Buck and Leonard, the best of the Messrs. Booth bulls, and also Priam, the sire of the celebrated "Bracelet."

Mr. Bell also keeps a couple of very good Clydesdale mares, and for the foals he has got regularly \$600 for the pair; one pair is owned

by a gentleman in Toronto and were never beaten in a show ring. Surely some of our farmers who only keep the scrub horse, neither Clyde, Shire, blood, nor any other breed, will begin to see their advantage in investing in something they can sell for from \$300 to \$600, at four or five years old. They do not cost any more to bring up than another horse at from \$100 to \$250; and as for the cattle, it is just as easy to get from \$200 to \$400 for a good bred bull as it is to get \$50 for a scrub, and with probably less keep, and with a good Shorthorn bull how much easier it would be to have steers weighing from 1,600 to 1,800 pounds for the English market. I do not want every farmer to be a Shorthorn breeder, but I do wish every farmer could see the benefit he could derive from the use of a good and well-bred Shorthorn bull.

MR. J. WRIGHT'S FARM. GUELPH.

For THE CANADIAN BREEDER.

About a fortnight ago I paid a visit to Mr. Wright's farm at Guelph, and was cordially shown his lot of useful Shorthorns. It may not be generally known that Mr. Wright is one of the oldest breeders of Shorthorns in Ontario. He keeps his cattle in breeding condition and nothing more. I first looked through the young animals, of which there were two red heifer calves, good ones, and two red bull calves, very promising, all sired by his stock bull Senator 1783, bred by J. & W. B. Watt, Salem. There were also three red six-months-old bulls, all by same sire, and good straight calves they are. Amongst them was a yearling red bull got by Senator 1783, by Mr. Watts' celebrated Bampton Senator 279, winner of numerous prizes, and bred by J. Dryden, Brooklin, dam Bessy by Champion of Waterloo 2400, a superior red six-year-old cow now in the herd. I am next taken to the breeding cows in the pasture below the beautifully situated residence. The first cow I saw was Nightingale, a four-year-old heifer of remarkable quality and neatness, and if fed for show would have made a good one. Hersire is Scottish Heir 1735, dam Lady Bright, by Prince of Rockwood 895. Next is a grand old cow thirteen years old, named Strawberry, by Welcome Duke 1315, dam Laura 2nd by Ferguson 426, and beside her stands her half-sister, a wonderful breeder sired by Butterfly 4th 160. And here are two sisters, Linnet 2nd and Cowslip, capital cows and good milkers, and sired by Scottish Heir 1735, dam Linnet by Confederation 69. Scottish Heir 1735 was bred by Mr. W. Marv, Upper Mill, Tarves, Aberdeen, Scotland, and was got by Young Heir (31351), dam English Lady by Hero of Englishman (24122). Our next is Floss, red, seven years old, got by Champion of Waterloo 2400 dam Alberta, by Butterfly 4th 160. Empress, a sister to Linnet 2nd and Cowslip, and half-sister to Bessy, all previously mentioned, comes next. Sired by Scottish Heir 1735 a superior red five-year-old cow, and a good breeder. Our next and last cow is a daughter of the thirteen-year-old cow Strawberry, by Welcome Duke 316; she is only a four-year-old cow, and an extra good one she certainly is, called Red Rose, and is got by Scottish Heir 1735.

Mr. Wright allows his bull at certain times to run along with his cows, and to have same keep, nothing but grass in summer, and I am sure they look very well, especially the bull Senator 1783, dam Rachel by Undersheriff 416; he is red and very even, good head and neck with fine shoulders; he is a most impressive sire, for you could easily pick his calves out almost anywhere. The bulls used by Mr.

Wright have been bulls bred by or used by such noted breeders as T. Waters, Rockwood, Mr. W. Whitelaw, Guelph; Mr. Armstrong, Speedside, Ont., and J. Dryden, Brooklin.

MR. McQUEEN'S SHOW CATTLE, GUELPH.

For THE CANADIAN BREEDER.

A few days ago I had the pleasure of seeing Mr. McQueen's two very remarkable show cattle for the second time, and was surprised to find them greatly improved, for when I saw them at Guelph show I thought them almost perfection, but nevertheless I found a decided improvement, perhaps greatest in Red Duke, the four-year-old steer, winner of first honor in his class at Guelph show last year. He is an excellent animal, remarkably even, and the quantity of flesh is extraordinary, some people would prefer it a little more solid, and he has grown wonderfully down to his legs. It is needless for me to speak of the broad back, round, well covered ribs and loin, as probably a great many of our readers will have the pleasure of seeing his grace at the coming shows. I think his girth is between nine and ten feet. Daisy, the beautiful heifer, has also improved. Mr. McQueen turned her out in the yard for my inspection, and she carries herself grandly. I need not mention the great wide front, which in my opinion can't be excelled; her quality of flesh is very good and quantity also. She is certainly a grand heifer all over, but I do not consider her so even as the steer Red Duke. She girths over nine feet, and I do not think there will be much difference in the weights of the two animals. I have not the least doubt but both will distinguish themselves at the coming shows. Mr. McQueen is to be congratulated on his success in fitting up two such animals as the above mentioned couple.

MR. W. RENNIE'S FARM AT RICHMOND HILL.

For THE CANADIAN BREEDER.

I was delighted with the drive I had on Monday, 31st ult., to the farm of Mr. Wm. Rennie, seedsman, etc., Toronto. The farm is well laid out, and includes a magnificent garden with almost every variety of fruit and vegetables grown in Canada. However, we passed on to see his recent importation of Clydesdales, of which short mention was made in THE BREEDER on their arrival.

The yearling colt Harold Jr., by Harold (2854), dam Jean of Gangermans, black, full of quality, of good bone, substance, rib, and quarters, is a very promising colt indeed. From him we went to see the yearling and two-year-old filly at pasture, and such a pasture is seldom seen. Mr. Rennie knows better than to sow nothing but timothy and clover; he puts in a mixture such as clovers, rye grasses, Fescues, and several other grasses, and I am sure if the farmers saw the condition of his pastures they would follow his plan. Certainly the cost is a little more, but is repaid the first year, for as well as a better pasture you get a better quality of hay. Well, to turn to the fillies. The 2-year-old black, Nellie Grey, got by King Clydesdales (2199), dam Jessie Grey (69). I think you would have to go a long way to see her equal. Such a size! What a body she has for neatness, grand ribs and back and splendid quarters, with good, deep shoulders and wide front, good legs, and full of quality. She will weigh close upon 1,700 lbs. Truly she is a good two-year-old. The other is a yearling

brown by Harold (2854), dam Mrs. Harper. She has great bone and substance, with four great, good legs, a little thin in condition, but on such a pasture she will not remain so long, and I feel sure she will make a grand animal some day. Mr. Rennie is to be congratulated upon his enterprise in bringing so good a class of horses into the neighborhood. I believe it is his intention to bring out more shortly of the very best, for he says he will have nothing but the best. We next visited his mangels, carrots, and beans, and found them a splendid crop throughout. I noticed three or four different kinds of mangels, but in my opinion none were so good as the long red kind. A few rows at the end of the field were not so good as the rest. The reason for that was, Mr. Rennie explained, they were not able to finish sowing the seed on the same day the drills were made, afterwards came rain, and consequently sowing was delayed a few days, and they did not come up so well as the others and have not been able to overtake them. Hence the necessity for sowing mangels on the same day the drills are made, and especially on heavy soils.

This farm is in perfect order throughout, and it would be well for Canada if more of her farmers could be brought to see the benefits to be derived by working systematically and intelligently. L. R.

FALL FAIRS.

Stratford.....Horticultural.....Sept. 5.
 ProvincialLondonSept. 7-12.
 IndustrialTorontoSept. 7-19.
 BerlinBerlinSept. 8-10.
 MalahideAylmerSept. 18-19.
 CentralHamiltonSept. 21-25.
 Mitchell.....Sept. 22-23.
 Hay.....Zurich.....Sept. 22-23.
 SouthernSt. Thomas.....Sept. 22-25.
 LindsayLindsaySept. 22-24.
 Osnabrock.....OsnabrockSept. 23.
 Collingwood Tp...CollingwoodSept. 23-24.
 Union.....BellevilleSept. 23-24.
 North LanarkAlmonte.....Sept. 23-25.
 North PerthStratfordSept. 24-25.
 HullettClintonSept. 24-26.
 London TpIldertonSept. 25.
 Union.....Woodstock.....Sept. 28.
 South Ontario ...WhitbySept. 28-29.
 SalsfleetStoney Creek.....Sept. 28-29.
 CentralGuelphSept. 28-30.
 South Huron ...Exeter.....Sept. 28-29.
 Horticultural ...Cannington.....Sept. 28-29.
 HuronRipley.....Sept. 29.
 StephensonUtterson.....Sept. 29.
 Peninsular.....Chatham.....Sept. 29. Oct. 1
 GreyDurhamSept. 29-30.
 LincolnSt. Catharines ...Sept. 29-30.
 NorthernAilsa Craig.....Sept. 29-30.
 East Grey.....FleshertonSept. 29-30.
 North Bruce.....Paisley.....Sept. 29-30.
 WesternWestminsterSept. 30.
 CentralPeterboroSept. 29. Oct. 1
 PeelBramptonSept. 29. Oct. 1
 North Simcoe ...CollingwoodSept. 29. Oct. 2
 South Lanark ...PerthSept. 30. Oct. 2
 Tuckersmith... SeaforthOct. 1-2.
 West Huron ...GoderichOct. 1-2.
 South Grimsby...SmithvilleOct. 1-2.
 Somerville.....CoboconkOct. 1-2.
 Dufferin.....OrangevilleOct. 1-2.
 West Durham ...BowmanvilleOct. 1-2.
 East Lambton ...WyomingOct. 1-2.
 BlenheimDrumboOct. 1-2.
 KincardineKincardineOct. 1-2.
 Georgina Union...SuttonOct. 1-2.
 Port Elgin.....SaugeenOct. 1-2.
 ChesleyChesleyOct. 1-2.
 GlenelgMarkdaleOct. 1-2.
 West Middlesex...StrathroyOct. 1-3.
 GreenockPinkertonOct. 2.
 EsquesingGeorgetownOct. 2.
 South Norwich...Oterville.....Oct. 2-3.
 Southwold.....IonaOct. 3.
 NorwichDundalkOct. 5-6.
 East Simcoe ...OrilliaOct. 5-7.
 South Oxford...IngersollOct. 5-7.
 PalmerstonPalmerston.....Oct. 6.

Cramahe Tp.....Castleton.....Oct. 6.
 Holland.....ChatsworthOct. 6.
 ElmaNewryOct. 6.
 Nassagaweya ...BrookvilleOct. 6.
 South Perth.....St. Mary'sOct. 6-7.
 South Simcoe...Cookstown...Oct. 6-7.
 UnionBaillieboro'.....Oct. 6-7.
 PickeringPickering.....Oct. 6-7.
 TaraTara.....Oct. 6-7.
 West ElginWallacetownOct. 6-7.
 North Ontario ...Uxbridge.....Oct. 6-7.
 MelancthonShelburneOct. 6-7.
 HaldimandCayugaOct. 6-7.
 North Brant... Paris.....Oct. 6-7.
 North York.....NewmarketOct. 6-7.
 NorthernWalkertonOct. 6-9.
 MorningtonMilvertonOct. 7.
 Prince Edward...PictonOct. 7-8.
 SouthernBrantford.....Oct. 7-9.
 West Simcoe ...BarrieOct. 7-9.
 PuslinchPuslinchOct. 8.
 OspreyMaxwellOct. 8.
 StanleyBayfieldOct. 8-9.
 East York.....MarkhamOct. 8-9.
 South Waterloo...Galt.....Oct. 8-9.
 Northumberland.WarkworthOct. 8-9.
 HaltonOct. 8-9.
 WallaceListowelOct. 8-9.
 EuphrasiaRocklynOct. 9.
 RosemontRosemontOct. 9.
 Harwich.....BlenheimOct. 12-13.
 Brighton Tp.....Brighton... .Oct. 13.
 FullartonFullarton.....Oct. 13.
 Forest Union...ForrestOct. 13-14.
 East Riding Peter-
 boro'.....NorwoodOct. 13-14.
 MorrisBlythOct. 13-14.
 King Tp.....SchombergOct. 13-14.
 Asphodel, Belmont,
 and Dummer...NorwoodOct. 13-14.
 EssexOct. 13-14.
 EramosaEramosaOct. 13-14.
 ReachPort PerryOct. 13-14.
 ManversBethanyOct. 13-14.
 Norfolk Union ...Simcoe.....Oct. 13-14.
 Murray Tp.....Wooler.....Oct. 14.
 UxbridgeGoodwoodOct. 14-15.
 CaledoniaOct. 15-16.
 LEADING AMERICAN FAIRS.
 Am. InstituteNew York.....Sept. 30 Dec. 5.
 IllinoisChicagoSept. 14-18.
 MichiganKalamazooSept. 14-18.
 MilwaukeeIndustrial.....Sept. 2-Oct. 17.
 Minneapolis.....Industrial.....Aug. 31-Sept. 5.
 MinnesotaSt. Paul.....Sept. 7-12.
 New England.....Bangor, Me.....Sept. 1-5.
 New YorkAlbanySept. 10-16.
 Pennsylvania ...Philadelphia.....Sept. 27-Oct.
 Rhode Island ...ProvidenceSept. 21-25.
 St. Louis.....St. LouisOct. 5-10.
 St. Louis.....Exposition.....Sept. 9-Oct. 24.
 Tri-StateToledo, O.....Sept. 7-12.
 VermontBurlington.....Sept. 7-11.

A. Fanson and daughter, and W. A. Fanson, of this city, have returned from a three months' European trip.

A. Fanson & Son have imported sixteen English Shire and six English coach horses. One of the best importations of the season.

TRANSFERS OF THOROUGHBRED STOCK.

American Berkshire Record.
 Rosette III., 7918, W. Warren Morton, Russellville, Ky., to Jno. B. Thompson, Plattsburg, Mo.
 Count of Broadmoor, 12539, W. W. Harris, Cumberland Centre, Me., to John L. Woodman, Manchester, N. H.
 Desdemona VI., 12540, W. W. Harris, to John L. Woodman.
 Sallie H., 9508, B. T. Hill, Berlin Heights, Ohio, to M. Hebblethwaite, Berlinville, Ohio.
 Taylor's Beauty, 7462, Taylor Bros., Waynesville, Ill., to W. M. Smith, Lexington, Ill.
 Hawkeye Sovereign II., 14203, Gideon Blackstone, Red Oak, Iowa, to R. L. Johnson, Patton, Mo.

Alpha, 9742, W. F. Clements, Agency, Iowa, to Gideon Blackstone.
 Elmwood Gem XXX., 10316, Chas. F. Mills, Springfield, Ill., to Springer Bros., Springfield, Ill.
 Sovereign V., 14205, Springer Bros., to W. H. Bacon, Huntsville, Ill.
 Miss Hopeful, 14206, Springer Bros., to W. H. Bacon.

Live Stock Notes.

It is reported by telegraph that Messrs. Chinn & Morgan have sold to Messrs. Appleby & Johnson, New York City, the bay colt Ban Fox, two years old, by imp. King Ban, dam Maud Hampton by Hunter's Lexington, for \$17,000.—Kentucky Live Stock Record.

Mr. John Hope, manager for Messrs. Thos. Nelson & Sons, proprietors of the Bow Park herd of Shorthorns, says that all of his English purchases arrived safely at Quebec, and a few of those shipped earlier in the season will soon be released from quarantine. Several of the most successful show animals of the day in Great Britain were bought for Bow Park and may be seen at some of the fall shows.

The Duke of Hamilton lost Monday, July 27th, the chestnut stallion Lowlander, foaled 1870, by Dalesman (son of King Tom) out of Lufra by Windhound, her dam Maud by Loupgarou, out of Venilia by Velocipede. Lowlander was a very speedy horse and quite successful on the turf. He transmitted his speed to some of his progeny, and his son Lowland Chief, who won the Portland Plate at Doncaster, England, in 1883, was about the best of his get. Lowlander was found dead in his box, at the Duke of Hamilton's stud farm at Easton.—Kentucky Live Stock Record.

The Chicago Breeders' Gazette says:—"Mr. John H. Yeomans, the well-known English breeder of Hereford cattle, in the course of a recent business letter referring to Mr. Thomas Rogers' remarks about short-pedigree Herefords at the Field sale says: 'There are a few herds no doubt of short-pedigree Herefords as good as the best we have. For example, Mr. Handley, of Brecon, won nearly all the prizes at the Brecon Show last year, yet he never took the trouble to record his cattle.' Mr. Yeomans very properly points out, however, that Mr. Rogers is an auctioneer, and on the occasion of the Field sale had a lot of short-pedigreed cattle to sell, so that his desire to realize good prices for the stock may have led him perhaps too far in his allusions to the rules of the American Record."

A sale of polled cattle belonging to the Earl of Aberdeen and Mr. J. Grant, Methlick, took place within the Agricultural Hall, Kittybrewster, Scotland, recently, concerning which the North British Agriculturist says:—"There was not a large attendance and the sale was a stiff one. Of Mr. Grant's stock the highest price paid at the sale was for Mabel 8th (4920), by Knight of Avon, and like Mabel 5th, a Pride of Aberdeen. She was in somewhat thin condition. Her dam, Mabel 3rd, won first prizes at Udny. After a keen competition she was knocked out at 59 gs. to Mr. Reid, Clinterty, her cow calf, Mabel 20th, going to Balvenie for 27 gs. Another Pride, Mabel 11th, also went to Mr. Findlater at 35 gs. Mr. J. Hunter, Dipple, purchased from the Earl of Aberdeen's stock a bull, Albinus, calved Dec. 28, 1884, for 26 gs. Several of the animals went to the Earl of Caithness."

Horses, like men, have their peculiarities, and Parole had many of them in his racing days. The stable people could almost always

tell whether Parole would win. When the night before a race they would muzzle him, the horse would always know what was in store for him, and begin pawing up his bedding and throwing it in a heap. Then he would saunter about and critically examine a mouse-hole in the corner of his box, and after that make a thorough investigation of the knot holes in the sides of the stall. If he confined his attention to them it was all right, and he would run well. But if he would keep blinking meditatively at the mouse-hole, then it was all wrong, and in his race you could either not get him away from the post or he would not make an effort. Rica is another one of those animals that are worse even than prima donnas, and they certainly are difficult to beat for perversity, peculiarities, and persistence in eccentricities. Rica is nervous and fretful, and so self-willed that she is bound to have her way, no matter at what cost. If the manner in which she is rubbed does not suit her she grows vicious, will bite, lie down and kick, and in fact do anything that she has a mind to do. When muzzled before a race she begins to sweat and works herself up to such a point that when she goes to the post she is all in a tremor.—*(Chicago) Breeders' Gazette.*

Live Stock & Kindred Markets.

OFFICE OF THE CANADIAN BREEDER
AND AGRICULTURAL REVIEW,
TORONTO, Sept. 3rd, 1885.

A further improvement has taken place in the British cattle trade, which can be measured as amounting to about half a cent per pound from Monday of last week, accompanied with a continued steady demand from buyers, who have operated to a more satisfactory extent in view of the rather light offerings when contrasted with recent liberal supplies. Receipts of cattle from Canada and the United States during the past week have been light, while the supplies from Ireland and the Continent have continued fair, making the total supplies at all the principal markets in shape to make a little more money. A cable from Liverpool Monday reports trade in a more satisfactory condition under a steady enquiry which effected a good clearance at higher prices. London and Glasgow have made a similar improvement. The sheep trade has not improved, although supplies are not so excessive and are more under control.

Quotations at Liverpool on Monday, being calculated at \$4.80 in the £, were:—

Cattle—	\$ c.	\$ c.	
Prime Canadian steers.....	0 14	to 0 00	per lb.
Fair to choice grades.....	0 13½	to 0 00	"
Poor to medium.....	0 12½	to 0 00	"
Inferior and bulls.....	0 09½	to 0 11	"
Sheep—			
Best.....	0 12	to 0 00	"
Secondary qualities.....	0 10	to 0 12	"
Merinoes.....	0 09½	to 0 10½	"
Inferior and rams.....	0 07	to 0 08½	"

TORONTO.

A large business has been done in live stock since this time last week. The offerings yesterday were 38 loads against 28 loads the week before. The only change of importance to note is an easier market for butchers' cattle and a slight improvement in lambs. Prices generally show no quotable change.

CATTLE.—Shipping cattle are in better supply and the demand is pretty fair; yesterday 10 or 12 loads were offered, 4 of these sold at an average of 5c. per lb.; 18 head averaging 1,250 lbs. at \$60 each; 19

mixed 1,150 lbs. at \$48 each; 13 do. 1,290 lbs. at 4¾c. per lb.; quotations are unchanged. Butchers' cattle continue to arrive in large numbers and this week are in excess of the demand; the greatest number of them are common cattle; values have declined about ¼ to ½c. per lb.; best loads do not bring anything more than 4c., and there are very few worth that figure; good cattle are wanted but holders ask higher prices than buyers like to pay, and these cattle have not sold as quickly as they otherwise would; a good many loads would have been unsold yesterday were it not that they were shipped to Montreal. Among yesterday's sales were: 21 head averaging 1,100 lbs. each, at \$34 each; 24 do. 1,050 lbs., at \$34; 23 do. 1,050 lbs., at \$38; 20 do. 1,015 lbs., at \$34 each and \$5 over; 10 picked do 900 lbs., at \$34; 20 do. 1,100 lbs., at \$43; 21 do. 950 lbs., at \$31; 24 do. 1,075 lbs. at \$35.50.

SHEEP.—Demand good but not active, there being only one buyer on the market this week; prices unchanged; receipts so far about 300 head; 64 of these averaging 155 lbs. sold at 3¾c. per lb., weighed off the car; 30 do. 140 lbs., at \$5 each; 37 do. 155 lbs. at 3¾c. per lb.

LAMBS.—In fair supply; the demand is good and prices are somewhat firmer; receipts yesterday were about 500 head; nearly all were choice lambs, selling chiefly at \$3 to \$3.35 each. Among the sales were 100 averaging 75 lbs., at \$3.20 each; 94 do. 72 lbs., at \$3.05 each; 48 do. 75 lbs., at \$3.10; 70 do. 80 lbs., at \$3.55; 107 do. 74 lbs., at \$3.20 each.

CALVES.—Unchanged; sales are reported of 6 averaging 120 lbs. each at \$6, and 1 do. 140 lbs. at \$6.

HOGS.—In fair supply and unchanged. Heavy fat are selling fairly well, but light fat and stores are in good demand.

Quotations are:—

Cattle, export, choice.....	5	to 5¼	per lb.
" " mixed.....	4½	to 4¾	"
" bulls.....	3½	to 4	"
" butchers', choice.....	4	to 4½	"
" good.....	3½	to 3¾	"
" inferior to common.....	3	to 3¾	"
" Milch cows.....		\$30 to \$50	
" Springers, per head.....		35 to 45	
" stockers.....	3	to 3½	per lb.
Sheep, export, per lb.....	3½	to 3¾	"
" inferior and rams.....	3	to 3¾	"
" butchers', per head.....		3 00 to 3 50	
Lambs, choice.....		3 00 to 3 35	
" secondary qualities.....		2 50 to 2 75	
Hogs, heavy fat, off the car.....	4½	to 5	per lb.
" light fat.....	5	to 5½	"
" store.....	4½	to 5½	"
Calves, choice, per head.....		\$6 00 to \$7 00	
" common.....		2 upwards.	

The receipts of live stock at the Western market here for the week ending last Saturday, with comparisons, were as follows:—

	Cattle.	Sheep and Lambs.	Hogs.
Week ending Aug. 29.....	1,354	2,367	261
Week ending Aug. 22.....	1,181	3,807	462
Cor. week, 1884.....	846	4,194	232
Cor. week, 1883.....	712	2,871	23
Total to date.....	32,295	31,625	5,326
To same date 1884.....	21,899	34,621	4,197
To same date 1883.....	20,281	26,206	2,487

MONTREAL.

The following were the receipts of live stock at Point St. Charles by the Grand Trunk railway:—

	Cattle.	Sheep.	Calves.	Hogs.
Week ending August 29.....	2,806	2,133	22	662
Previous week.....	2,979	2,629	28	356
Since May 1.....	42,602	33,649	4,344	5,966

The receipts by the Canadian Pacific Railway for the week ended August 29 were 500 head cattle, 394 sheep, and 120 hogs. The exports of live stock showed a material falling off last week. The total exports of cattle this season to date were 43,012 head—an increase of 8,185 head compared with 1884, an increase of 6,925 compared with 1883, an increase of 12,954 compared with 1882, an increase of 10,144 compared with 1881, and an increase of 14,701 compared with 1880. The total exports of sheep this season to date were 30,454 head—a decrease of 5,496 head compared with 1884, a decrease of 29,270 compared with 1883, a decrease of 29,541 compared with 1882, a decrease of 11,956 compared with 1881, and a decrease of 30,369 compared with 1880. Cattle freights have maintained the improvement, with latest engagements at 40s. to

Glasgow and 50s. to Liverpool. There was a lively trade in export cattle at Point St. Charles Monday. Exporters were free buyers and furnished sufficient demand to absorb all the offerings at firm prices. The quality of the receipts was satisfactory, and sales were made at from 4 to 5½c. per lb. live weight as to quality. Last year at this date export cattle were at 4½ to 5½c. There was some enquiry for sheep, but not much business was done as the offerings were moderate and the quality no more than fair. Prices were quoted unchanged at 3½ to 3¾c. per lb. live weight. At this date last year sheep were at 3½ to 3¾c. The demand for butchers' cattle was less active, in fact trade was rather slow, but as offerings were light prices remained steady at 3 to 4c. per lb. live weight. There was a fair enquiry for hogs at lower prices, sales being made at 5 to 5½c. per lb. Calves sold at \$4 to \$6 each.

THE HORSE MARKET. TORONTO.

The demand this week is somewhat better than last, but there are no foreign buyers in the city. Useful, general purpose horses are wanted, and there is a call for a few first-class drivers and roadsters.

About 30 horses were sold at Grand's repository Tuesday. Amongst them were 18 workers from the city water carts. They were principally aged, fat horses, and were purchased by local buyers. The following is a summary of the sale:—

Color.	Age.	Height. Years.	Height. Hands.	Weight. Lbs.	Value.
Bay gelding.....	aged	16		1,100	\$ 90
Bay mare.....	aged	15.3		1,200	101
Pair bay geldings..	aged	16		2,500	244
Pair brown mares..	8-9	15.3		2,400	230
Pair grey geldings..	7-8	16		2,600	370
Pair roan geldings..	aged	15.2		1,050	70
Chestnut gelding..	aged	15.3		1,200	87
Brown gelding.....	5	15.3		1,250	144
Chestnut gelding..	7	15.3		1,150	138
Grey mare.....	aged	15.3		1,000	67
Grey gelding.....	aged	15.2		900	50
Brown gelding.....	8	16		1,250	147
Chestnut gelding..	9	15.3		1,100	111
Bay gelding.....	7	15.3		1,050	118
Pair bay geldings..	aged	16		2,400	202

A few light drivers were also sold, prices ranging from \$75 to \$140 each. Mr. Grand reports the following private sales:—One Canadian draught stallion, 6 yrs. 1,750 lbs., \$700; and a general-purpose brood mare, 5 yrs. 1,250 lbs., \$165; sold to Mr. Jacob Munich, Cool Springs. Pat, one Canadian general-purpose stallion, 4 yrs. 1,500 lbs., \$376; sold to Mr. Jacob Halben-Pierce, Pa., one brown driver, 7 yrs. 15.2 hands, \$125; one carriage mare, 5 yrs. 16.1 hands, \$180; one general-purpose gelding, 7 yrs. 1,100 lbs., \$135; pair of ponies, 14.3 hands, \$190; one chestnut roadster, \$200.

BOSTON.

A fair demand was noticed during the week, with horses of every description, the range in prices being largely at \$125 to \$350 per head, as to quality. Many of the arrivals are Western and Canada stock. A. Yeoman, of Ohio, had in this week 16 head, a nice smooth car load, and good stock. He sold one horse at \$350 for coach work, and a pair of draught horses at \$500. The balance were of about the same style and value. Hodges & Morse had at market 20 head of Michigan horses, all for street car work, ranging from eight to ten years of age, sold at \$150 to \$160 each. L. L. Kennet had five Canada horses on sale, one very fine pair of well-matched creams; six and seven years old, 15 hands high. These were not sold, but held at \$500, and would answer nicely for family or any other driving purposes. Also one big bay draught horse, 16½ hands high, weighing 1,100 lbs., trot better than three minutes, a fine walker and a good saddle horse; price \$400.

PRODUCE.

Trade continues very quiet, as is usually the case at this season of the year. There has, however, been some new grain moving during the past day or two. The prospects are that things will brighten up shortly. Stocks varied but little and stood on Monday morning as follows:—Flour, 2,500 barrels; fall wheat, 81,803 bushels; spring wheat, 54,275; oats, 6,542; barley, 10,730; peas, nil; rye, nil. Wheat in transit for England shows a further decrease on the week, standing on the 27th ult. at 1,750,000 quarters, against 1,800,000 on the 20th ult. In the States the visible supply of wheat stood at 41,670,459 bushels, against 40,383,000 in the preceding week.

PRICES AT LIVERPOOL ON DATES INDICATED.

	Aug. 26.	Sept. 1.
Flour.....	00s od	00s od
R. Wheat.....	6s 11d	6s 11d
R. Winter.....	7s 1d	7s 1d
No. 1 Cal.....	7s 2d	7s 2d
No. 2 Cal.....	6s 9d	6s 9d
Corn.....	4s 7d	4s 6d
Barley.....	00s od	00s od
Oats.....	00s od	00s od
Peas.....	5s 7d	00s od
Pork.....	54s od	52s 6d
Lard.....	33s 6d	33s 6d
Bacon.....	31s od	31s 6d
Tallow.....	27s od	27s od
Cheese.....	37s od	40s od

FLOUR.—Continues inactive. As many of the mills are at present engaged in making repairs there is very little offering. Superior is nominal at \$3.00; extra at \$3.70, while patents are offering at \$4 to \$4.50 according to quality.

BRAN. Scarce and somewhat firmer at \$11 to \$11.50 on the track.

WHEAT.—Dull and nominal; No. 2 fall is quoted at \$2 to \$3c.; No. 3 do. at \$0 to \$1c.; No. 1 spring at \$6 to \$7c. and No. 2 at \$4 to \$5c. Spring is firmly held as there seems to be a feeling that the crop this year will be light. Fall wheat has been selling on the street at 78c. for new and at 80 to \$1c. for old.

OATS.—In fair demand; cars have been selling at 32½c. on the track; on the street old sold at 36 to 38c. and new at 33c.

BARLEY.—Nothing doing yet; market nominally unchanged; a load of new on the street sold yesterday at 60c., the grade being about No. 3 extra.

PEAS.—Dull and nominally unchanged.

RYE Nothing doing, quotations are nominal at 55c.

HAY.—Has been in rather light supply and firm, although during the past couple of days the receipts have been larger; values are firm at \$14 to \$16 per ton with poor at \$12.

STRAW.—Continues scarce, very little being offered; prices firm at \$13 to \$14 for oat straw bundles.

POTATOES.—No movement as yet in car lots; small lots have been selling on the street at 55 to 65c. per bag.

APPLES.—Have been in plentiful supply and selling at 80c. to \$2 per brl. at auction.

TORONTO MARKET.

Flour, p. brl., f.o.c., Sup. extra...	\$3 90	to	\$4 00
" " Extra.....	3 70	to	3 80
" " Strong Bakers'.....	0 00	to	0 00
" " S. W. Extra.....	0 00	to	0 00
" " Superfine.....	0 00	to	0 00
Oatmeal.....	4 00	to	4 10
Cornmeal.....	0 00	to	3 50
Bran, per ton.....	11 00	to	11 50
Fall wheat, No. 1.....	0 00	to	0 00
" No. 2.....	0 82	to	0 83
" No. 3.....	0 80	to	0 81
Spring Wheat, No. 1.....	0 00	to	0 00
" No. 2.....	0 85	to	0 00
" No. 3.....	0 82	to	0 00
Barley, No. 1.....	0 00	to	0 00
" No. 2.....	0 00	to	0 00
" No. 3 Extra.....	0 00	to	0 00
" No. 3.....	0 50	to	0 00
Oats.....	0 33½	to	0 34
Peas.....	0 00	to	0 00
Rye.....	0 00	to	0 00
Corn.....	0 00	to	0 00
Timothy Seed, per bush.....	2 00	to	2 15
Clover.....	6 75	to	0 00
Flax, screened, 100 lbs.....	0 00	to	0 00

PROVISIONS.

BUTTER.—There has been a good demand for old butter during the week, and all in the local market has been purchased for shipment, excepting one lot; prices paid were 3½ to 7c., the latter being for best packages. Sales of store packed have been made at 11½ to 12c., the latter being for good lots; choice dairy has been selling to the city trade at 14 to 15c., and store packed at 12 to 13c. Choice grades are in light supply and wanted. On the street as high as 25c. has been paid this week for extra choice pound rolls, which, however, are scarce; the offerings to-day were fair, and best pound rolls sold at 21 to 23c., and good cooking, in kegs, at 12c.

CHEESE.—Continues in fair demand at unchanged prices; \$ to 8¼c. for good to choice lots; factory-men are firmer owing to the advance in Liverpool.

EGGS.—Continue plentiful; the demand is not so large; prices are about the same as those of a week ago; large lots being quoted at 10½ to 11c., and really fresh on the street at 13c.

PORK.—Small lots of heavy mess are in good demand at \$13 to \$13.50.

BACON.—Continues to move freely; long clear has been selling in car lots at 6¼c. and in case lots at 6½ to 7c.; Cumberland in steady demand at 5¾ to 6¼c. for small lots; rolls scarce; not many offering, quotations nominal at 9c.; bellies scarce and wanted at 11c.

HAMS.—In good demand at 11 to 12½c. for smoked, and 12 to 12½c. for canvassed.

LARD.—Demand good; fair sales of small lots of choice at 8¼c. in tierces; 9c. in tubs, and 9½c. in pails.

SALT.—Unchanged; Liverpool coarse has sold in lots of about 50 bags at 65c., and small lots at 70c.; Liverpool dairy moving slowly at 40 for trade lots and 45c. for small lots per 50 lb. bags; fine inactive at \$1.45 to \$1.50 per bag; coarse held at 70c. for small lots. Canadian flat, at 80c. per bbl. for car lots, and 85 to 90c. for small lots.

DRIED APPLES.—Continue quiet and steady at 4½ to 5c. for small quantities; country lots have been bought at 4c.; evaporated quiet at 7½c.

WHITE BEANS.—Offerings continue light; demand fair, prices unchanged at \$1.20 to \$1.25 for choice, and 90c. to \$1 for medium, with poor which are not wanted at 50 to 75c.

HOGS.—In better demand; offerings are light and prices firmer at \$6.75 to \$7.

HOPS.—Demand light; fair quantity offering at 10 to 12c. for choice, and poor at 9 to 10c.

TORONTO MARKETS.

Butter, choice dairy, new.....	0 14	to	0 15
" good shipping lots.....	0 00	to	0 00
" inferior, &c.....	0 03½	to	0 00
Cheese, in small lots.....	0 08	to	0 08½
Pork, mess, per brl.....	13 00	to	13 50
Bacon, long clear.....	0 06½	to	0 07
" Cumberland cut.....	0 06½	to	0 06½
" smoked.....	0 00	to	0 00
Hams, smoked.....	0 11½	to	0 12
" cured and canvassed.....	0 12	to	0 12½
" in pickle.....	0 10	to	0 00
Lard, in tinnets and pails.....	0 08½	to	0 09½
" in tierces.....	0 08½	to	0 00
Eggs.....	0 12	to	0 13
Dressed hogs.....	6 50	to	7 00
Hops.....	0 08	to	0 11
Dried apples.....	0 04	to	0 05
White beans.....	0 90	to	1 25
Liverpool coarse salt.....	0 65	to	0 75
" dairy, per bag 50 lbs... ..	0 40	to	0 45
" fine, ".....	1 45	to	1 50
Goderich, per barrel.....	0 85	to	0 90
" per car lot.....	0 80	to	0 00

HIDES, SKINS, AND WOOL.

HIDES.—Green steady and in active demand; stocks light; quotations unchanged. Cured are selling readily at 8¼ to 9c. for cow and 9½ for steers.

CALFSKINS.—Quiet, the season being about over.

SHEEPSKINS.—Have advanced 5c. this week and quotations now stand at 55c. for lambs and pelts.

WOOL.—In fleece there is very little doing and quotations are nominally unchanged. Pulled is in fair demand from the factories, and stocks are lower than they have been for years. Supers are quoted at 22 to 24c.; extra at 25 to 26c. Southdown fleece is quiet at 25c. for Canadian and 26 to 27c. for imported.

TALLOW.—Dull; no improvement in prices, which stand at 5¼ to 6¼c. for rendered and 5c. for rough.

Hides and Skins.

Steers, 60 to 90 lbs.....	\$0 06½	to	\$0 08½
Cows.....	0 06	to	0 08
Cured and inspected.....	0 09	to	0 00
Calfskins, green.....	0 10	to	0 12
" cured.....	0 13	to	0 15
Sheepskins.....	0 55	to	0 00
Lambskins.....	0 00	to	0 00
Pelts.....	0 00	to	0 00
Tallow, rough.....	0 05	to	0 00
" rendered.....	0 05½	to	0 06½
Wool.			
Fleece, comb'g ord.....	0 15	to	0 19
" Southdown.....	0 22	to	0 00
Pulled combing.....	0 17	to	0 18
" super.....	0 22	to	0 23
Extra.....	0 25	to	0 27

TRout & Toop, Printers, 64 and 66 Church St., Toronto.

TORONTO EXHIBITION.

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OAKLANDS JERSEY DAIRY

THE YONGE ST. ARCADE, TORONTO,

We have erected on the Toronto Exhibition grounds a Swiss Cottage for the sale BY THE CHEESE during the Exhibition of

Oaklands Koumiss,

The most nutritious, pleasant and health-giving milk production in the world, and which has no equal as a remedy in cases of

INDIGESTION, CONSUMPTION AND DIABETES.

"Indeed, in extremely irritable states of the stomach, strong Koumiss, in small quantities, seems to be the only food that can be borne."—Dr. Geo. J. Curriek, lately Assistant Physician to Leith Hospital.

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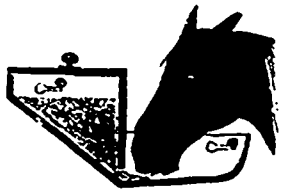
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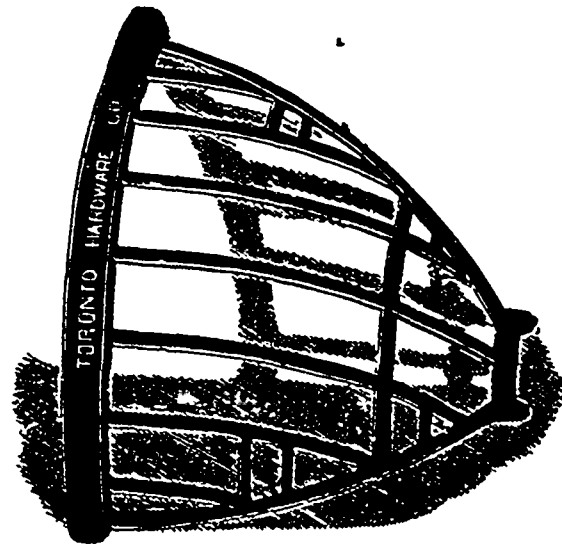
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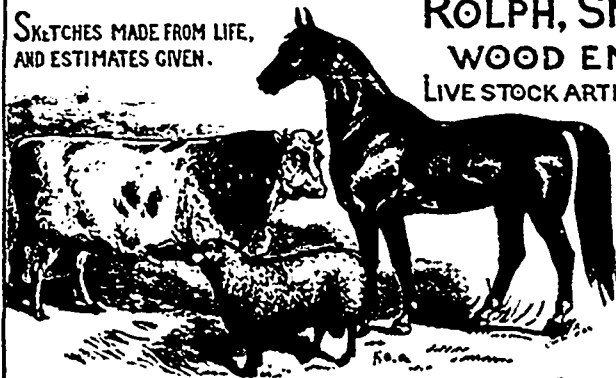
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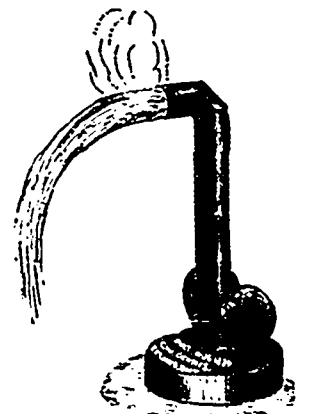
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OF ONTARIO,
TO BE HELD AT
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FROM THE
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\$30,000 IN PREMIUMS.

Owing to the Dominion grant of \$40,000, a supplementary edition of the Prize List has been issued, making an entire new list for the first 40 pages. From page 40 first edition will be used. Exhibits to come from the North-West and the Maritime Provinces. On these exhibits transport will be paid. One fare for passengers and freight on all principal roads. Entries to be made in all classes of Live Stock and Farm Products by Aug. 22, Horticultural Products, Ladies' Work, etc., by Aug. 23. Exhibition to be opened by His Excellency the Governor-General. Prize Lists, both editions, and Blank Forms can be had by applying by post-card or otherwise to the Secretary.
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ANTWERP IN 1885.
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Department of Agriculture,
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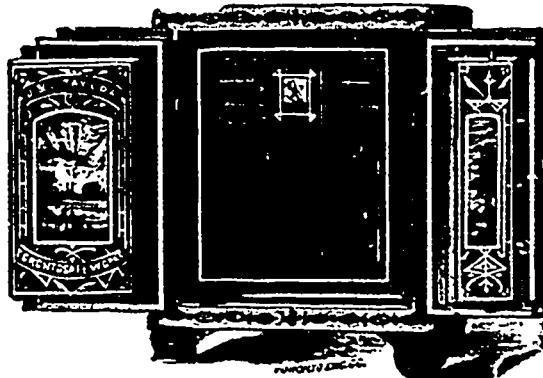
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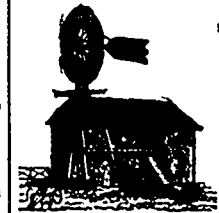
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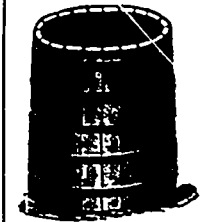
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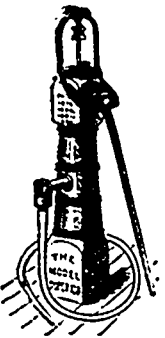
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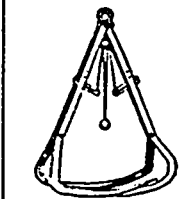
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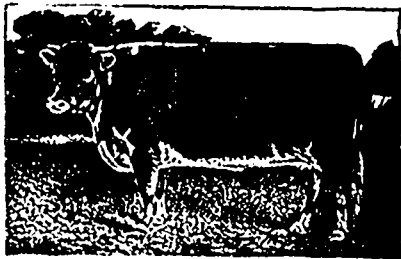
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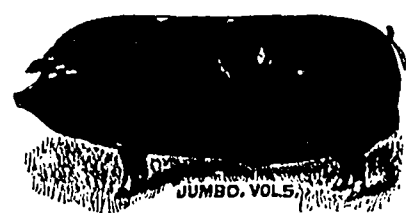
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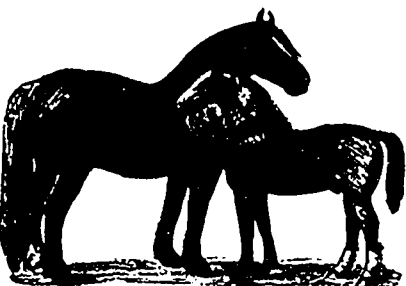
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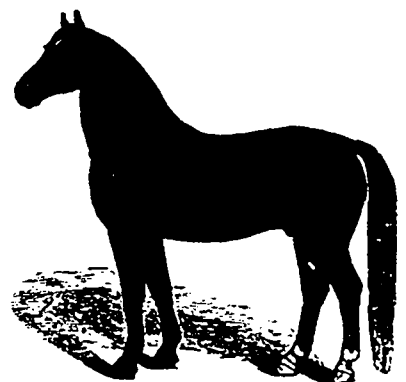
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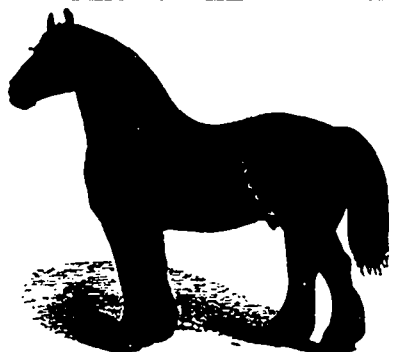
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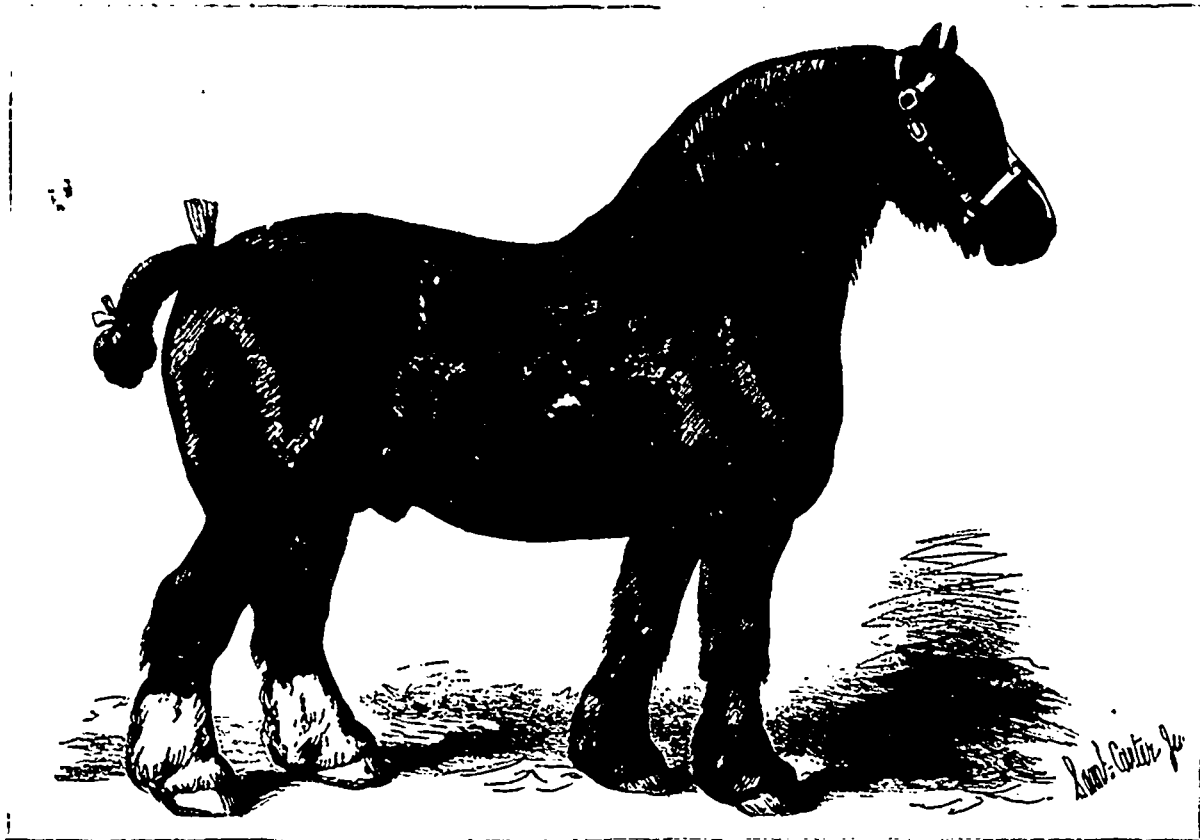
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