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THE FARMER'S ADVOCATE

AND HOME MAGAZINE

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

PUBLISHED AT LONDON, ONTARIO. SEPTEMBER 15, 1904. WINNIPEG, MANITOBA. No. 625

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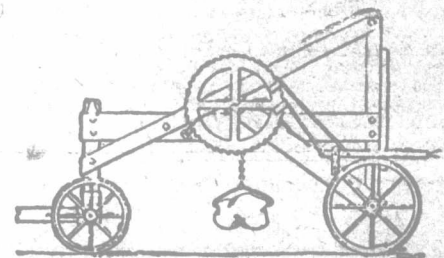
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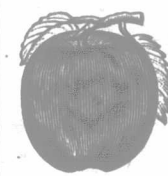
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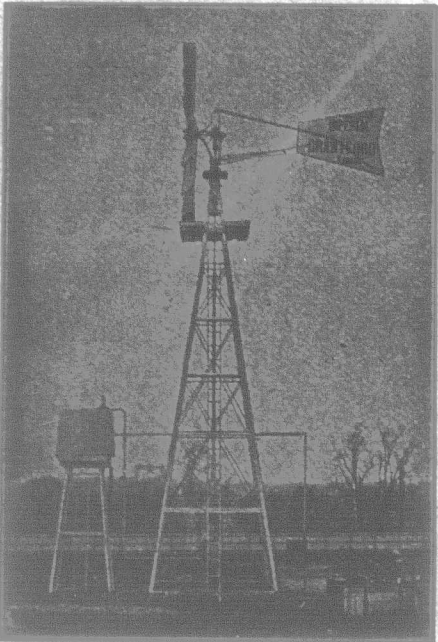
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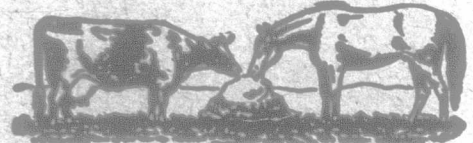
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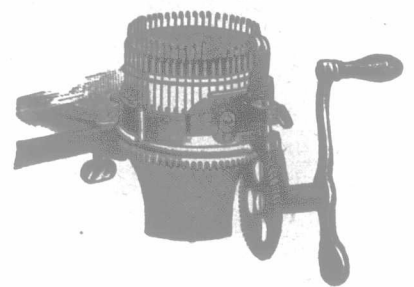
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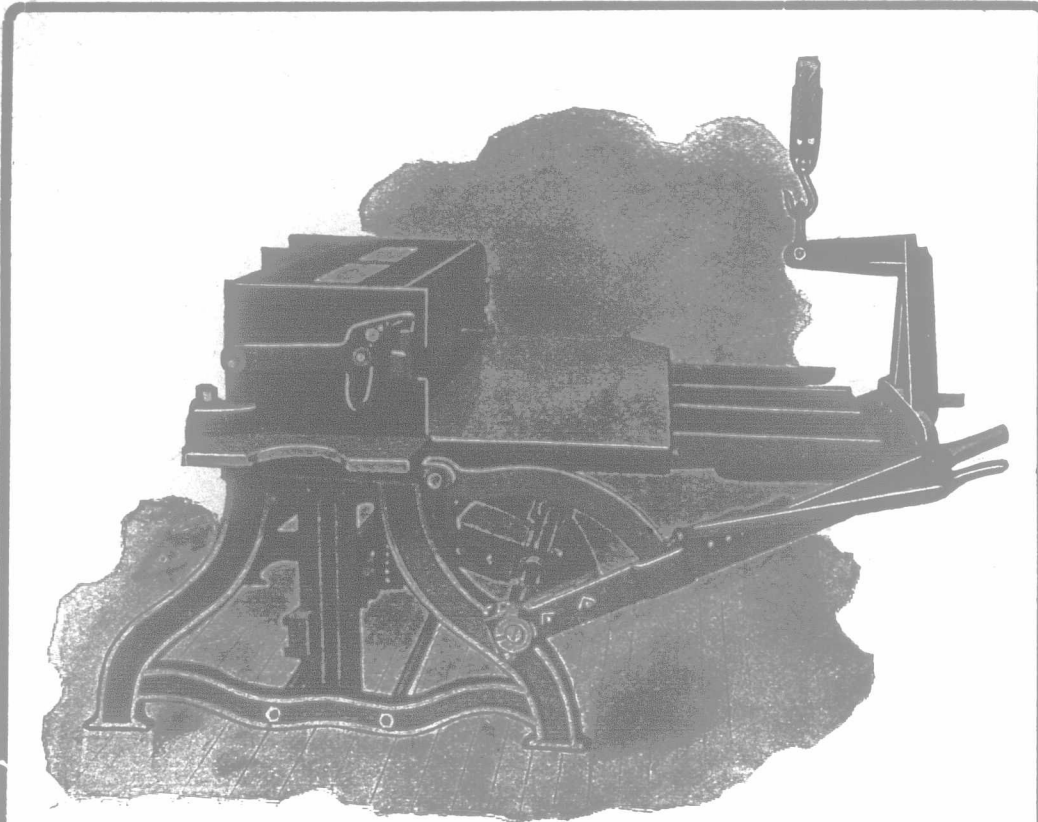
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The Farmer's Advocate

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PERSEVERE AND SUCCEED

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LONDON, ONT., AND WINNIPEG, MAN., SEPTEMBER 15, 1904.

No. 625

EDITORIAL.

Save Your Own Seed Corn.

We remember hearing a Farmers' Institute speaker at a meeting last winter say: "If you want seed corn that will be sure to grow, save your own." To that sound advice we would add, if you want to know what variety of corn you are planting, save your own seed. It is very important to grow a sort that has shown itself suited to your farm conditions and your purposes. To very many this year such advice will be of no use, as they have no corn from which seed may be saved, their whole crop having been lost through planting seed that would not grow. On so many farms may be seen a field of Hungarian grass or millet, with a thin scattering of corn-stalks intermixed—the season's history plainly written. The loss has been great. True, a crop of millet is not to be despised, it is very much better than nothing, but it is a poor substitute for corn. With a very little care and labor this heavy loss might have been entirely prevented. Many have so prevented it. We know farmers whose seed grew as well this season as usual; whose seed always grows. Why should not everybody be like these fortunate few? There is no reason whatever.

In saving corn for seed, the first business is selection. The heaviest, longest, best-filled and best-ripened ears should, of course, be chosen. Imperfections, such as empty spaces, not being filled to the point, or the presence of a single grain of smut, should be cause sufficient for rejection. When corn is husked, it is very easy to pick out the best ears without loss of time, but when the whole crop is put into the silo, as is the rapidly increasing custom, selection can be made a day or two before the corn is cut. Let a man go through the corn, two rows at a time, and take out the best, having regard not only to the ear, but also to the stalk on which it grows. As to the benefits arising from such selection, we would refer our readers to the article by Mr. Newman in our last week's issue. Unless the corn is very ripe indeed, the ears should not be broken off, as that causes the grain to shrink, but the stalks should be cut, carried to some open place and shocked. Shocks should be small, so that mould may not form and rot the cob and kill the germ of the grain before it is husked. A half day spent in this way would be more than sufficient for all that an ordinary farmer would need. One hundred ears will plant about three acres. Allowance must be made for a considerable percentage of ears rejected on husking.

After selection comes the care, so that seed may not lose its vitality. Just two things are necessary—dry thoroughly and keep thoroughly dry. Any system by which these conditions are attained will ensure strong-growing seed. But, objects some one, how is it that corn may be kept in a certain way and grow all right nine years out of ten, and in the tenth fail utterly? We reply that conditions were not observed. We remember a case where seed corn for years had been kept hung high up in the granary, until one season, after a hard winter, it had to be replanted. There is no doubt there had been some grain stored there giving off a little moisture, which, combined with the severe cold, killed the seed germ. Most of us will have noticed that it is after an unusually cold winter that there is trouble with seed corn. Crib corn will grow some years, but not after a cold winter. To the

advice given above—"dry and keep dry"—should perhaps be added, to be really safe, do not expose to the extreme severity of the winter. Two methods may be recommended which have been tested, and which may be changed or modified to suit. We assume that two or three husks are left on each ear, and that these are plaited together or tied with binder twine in bunches of ten or a dozen, so that they can be hung:

1. Hang up seed in kitchen used in summer, on hooks in the ceiling, or behind the stove. They will get thoroughly dry there before the stove is moved away in November. Leave hanging there until planting time. In many years' experience we have never known a case of failure, or even weak seed, where this plan was used.

2. Hang up over feed alley in dry barn basement. This plan was adopted by a farmer two years ago, in spite of many shakings of the head of wiseacres, but the seed grew well, both last year and this year. On a test last year, every grain sprouted. The reason probably was that while there must have been some dampness present, the temperature was scarcely ever down to the freezing point.

We have used the terms "weak seed" and "grew well." Is it possible for seed to grow and not grow well? We know that such is the case. We remember an article on this subject years ago in which the writer made the statement that seed corn dried by artificial heat, and kept as it ought to be through the winter, would after planting grow to a height of five inches by the time that ordinary good seed would be but three inches high. This is worth knowing if true. A good start means so much, and from what we have observed we believe it to be quite probable.

Grand Trunk Secures the Canada Atlantic.

After the ratification by Parliament of the agreement for the construction of the Grand Trunk Pacific Railway—Canada's new transcontinental line—the event of the year in Canadian commercial circles is the reported purchase of the Canada Atlantic road by the Grand Trunk. On the part of the latter, this is a master stroke. It gives the G. T. R. an immediate and commanding position in the transportation system of Canada, and when the Grand Trunk Pacific is completed its position will be indeed masterful. Beginning at Swanton, on Lake Champlain, the Canada Atlantic is a very direct and efficient road, through Montreal and Ottawa to Depot Harbor, on the eastern shore of Georgian Bay. Depot Harbor is a splendid landing place for northern lake traffic from the West, and is the terminus of the shortest water line from Port Arthur and Fort William to Eastern Canada. The Canada Atlantic has been regarded as one of the most strategic lines of railway in Canada, and is doing a large carrying traffic already. Mr. C. J. Booth was its chief promoter, owner and president. Those who regard public ownership as the solution of the transportation troubles of the country have urged its purchase by the Government, in order to give the Intercolonial a complete and efficient western extension to the great upper lakes, and securing to the country a more controlling grip on the freight situation.

Since the Government has set aside some \$250,000 to complete the surveys and determine the cost of the proposed Georgian Bay canal, that may yet be the favored project to retain a check upon the transportation situation. This

scheme provides for a ship canal via French River (which empties into Georgian Bay a short distance north of Depot Harbor) and Lake Nipissing to the Ottawa River, on which the products of the West would proceed to Montreal.

Letters to a Young Farmer.

You ask me the question: "Can sheep be profitably kept with cattle and other stock on the average one-hundred-acre farm, and about how many, under a system of mixed farming?" There are few farms, in Ontario, at least, on which we believe a small flock may not, by reasonably good management, be profitably kept along with the other ordinary stock generally found on farms in this country. Dry, rolling and well-drained land is best adapted for sheep, and a hilly farm or the hilly parts of a farm may be more profitably utilized with sheep than with any other stock, and while a small flock may be made to pay well on a small farm, the chances are that sheep will yield more profit relatively on a larger acreage, where there is more range and where occasional change of pasture can be given them. In this respect they differ not widely from other stock, for a change, if it be not from bad to worse pasturage, is relished by animals of any class. The objection sometimes advanced by those who make a specialty of dairying, or of fattening cattle by grazing, that sheep bite closely and keep the pasturage too short for cattle, has less foundation in the case of a cultivated farm on which a system of crop rotation is followed than on the Western ranges, where the bunch or buffalo grass is generally short and thin and a very wide range is a necessity. Sheep have no fondness for knee-high pasturage, but prefer the short, sweet nibble, and will leave the long grass to the cattle, while they trim the fence corners and hillsides, eating many weeds which other stock would discard, and thus performing the triple duties of cleaning the farm and growing flesh and wool, in two of which they have the advantage over cattle or other stock. Besides this, they have the advantage of distributing their droppings more evenly over the land than other stock, making them better manure-spreaders, and there is no more fertilizing manure than that made by sheep. It is this quality which has made sheep so popular with the general farmer in England, where the system of hurdling them on green feed, such as vetches, rape and turnips, is practiced, the land being thus manured for following grain crops, while mutton and wool are being rapidly grown. The winter care of sheep is less expensive in labor and feed than that of other stock, as a very plain building serves for their shelter, their fleece protecting them, so that a warm stable would be harmful, unless exceptionally well ventilated. As long as they are dry they are comfortable in the coldest weather. There is no need of cleaning out their pens more than twice in a winter, and where clover hay is provided that is almost sufficient for their winter's supply of feed, though for best results roots should be provided, and in the lambing season a light ration of grain given.

As to the number that may be kept on a farm of one hundred acres, of course much will depend upon the number of other stock kept, but, as a rule, we should say that where dairying is not made a specialty, and not more than eight or ten cows are kept with the average number of young cattle, a flock of fifteen or twenty ewes might be maintained, together with their lambs, in summer, and, say, eight or ten of the best of their ewe lambs in winter, the rest of the increase being

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It is impartial and independent of all cliques or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical, reliable information for farmers, dairymen, gardeners, and stockmen, of any publication in Canada.
- TERMS OF SUBSCRIPTION.—In Canada, United States, England, Ireland and Scotland, \$1.50 per year, in advance; \$2.00 when not paid in advance. All other countries, 12s.
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sold each year, together with any old or unsound ewes that it would not be profitable to maintain.

It is not always safe to depend upon figures in farming and stock-raising, as a proposition does not always pan out in practice as favorable as on paper, but, by way of illustration, let us suppose that you purchase in October twenty young grade ewes at \$6 each, and a pure-bred ram at \$10, making \$130 for the first outlay, though it would probably pay to give \$25 for a better ram; that from these you raise 25 lambs the first year, eighteen of which are sold before winter at \$4 each = \$72, to which add the amount from sale of wool of the original twenty-one head, say, seven pounds each, unwashed, at ten cents a pound, \$14.70, and you have a return of \$86.70 for the first year, and a flock of twenty-eight head left, which would appear to be a fair return from the investment, calculated on very moderate figures. By raising the figures slightly, counting on thirty lambs, and selling them all at five dollars each, and an average of eight pounds of wool at the low price of ten cents, you have \$166.80, or enough to pay for the foundation flock and their first year's feed, all of which, with present prospects for sheep and wool values, is within the bounds of reasonable possibility, and may easily be exceeded by the exercise of good judgment and management, especially with pure-bred sheep, which can now be bought for little more than grades. Compare these figures with the cost of founding a herd of cattle or horses, counting the expense for labor and feed in each case, and the probable returns, and if sheep do not make a better showing than either by a considerable margin, then leave them severely alone, as so many farmers are now doing with no valid reason. All classes of stock have their ups and downs in prices, and sheep have been down the last few years, but will surely have their innings again, and all indications point to that time being soon. Ten years ago a farm

THE FARMERS ADVOCATE.

FOUNDED 1866

horse, such as would sell to-day for \$150, could be bought for \$60, and cattle of some of the best breeds of equal quality could then have been bought for about one-half the price they are now selling for, and the average of the prices of then and now lets the farmer out tolerably safely.

HORSES.

Wounds.

While it is usually wise to send for professional aid in case of serious wounds, it is well that all owners of horses, or those in charge of them, should have an intelligent idea of the proper treatment of accidents of this kind. In many cases, where important blood-vessels are severed, fatal hemorrhage would result before aid can be secured, unless means are taken to check it, and in other cases it may not be possible to secure the services of a veterinarian, and treatment must, of necessity, depend upon the skill procurable; hence we consider it wise to consider rather minutely the different kinds of wounds, and the necessary or advisable manner of treatment.

A wound may be defined as a solution of continuity of living tissue, induced by some mechanical cause.

Wounds are classified under the following heads: INCISED, PUNCTURED, CONTUSED, LACERATED, GUNSHOT and POISONED.

INCISED WOUNDS.—An incised wound is one made with a clean-cutting instrument. The textures are divided evenly and smoothly; there is no tearing or bruising of the parts; hence, on account of the blood-vessels being cut instead of torn, the bleeding is usually much greater than in wounds of a different nature. If the wound has been made parallel to the course of the muscular fibers of the part, there will be little gaping of the edges so long as the part is kept in apposition; but if the incision be across the direction of the muscular fibers, or transverse to the axis of a limb, the lips of the wound will be drawn apart in proportion to the tension of the muscles, the deep-seated tissues often dividing further than the superficial, owing to the retraction of the muscular tissue; and a cavity is sometimes formed in which blood and pus will collect and retard healing.

TREATMENT.—The treatment of incised wounds may be said to be somewhat simple, but some important points must be observed, viz: First, to arrest bleeding; second, to remove all foreign bodies and cleanse the wound thoroughly; third, to effect and maintain co-adaptation; fourth, to guard against excessive inflammation. (1) Bleeding, whether from an artery or vein, unless slight, must be arrested promptly. If from an artery the blood will be of a bright red color, and escape in jets; if from a vein it will be dark-red in color, and the stream will be constant. Arterial hemorrhage is the more serious. If the vessel be small and only partially severed the blood will escape more or less freely in jets, as stated, and in many cases if the artery be completely severed with a knife the ends contract and bleeding ceases. The coats of an artery are composed largely of elastic tissue, the fibers of which curl up when severed, hence when a vessel is torn, lacerated, or cut with a dull instrument, which makes a more or less fibrillated edge, the fibers curl inwards and thereby close the opening and check the flow of blood. This is the reason bleeding is more profuse from incised wounds than from others. When the vessel is small, even though cut with a sharp instrument, the contractile power of its coats is sufficient to close the orifice, but if the artery be one of considerable size this cannot take place, and bleeding will continue or take place from time to time, and prove serious, even though the vessel be completely severed. In such cases the end of the artery must be searched for, drawn out with forceps and tied by a ligature. Carbolized silk or catgut makes the best ligatures, but when these cannot be secured a clean string or thread can be used. In some cases it is necessary to enlarge the wound in order to secure the artery, and occasionally the wound is in such a position that this is dangerous or inexpedient, and we must check hemorrhage by other means. If the wound be in a limb, or where the wounded artery runs close to a bone, and there is little muscular tissue external to it, bleeding can be checked by pressure applied to it between the wound and the heart, by buckling a strap or applying a bandage tightly around the limb. This will, of course, check the circulation in all vessels enclosed in the tourniquet, and the pressure must be left on only such time as is necessary to dress the wound properly, or until skilled assistance arrives. When such assistance cannot be secured, the tourniquet will check the bleeding until the wound is cleaned and stitched, after which a pad can be placed over the stitches and a bandage put on moderately tight to exert considerable pressure on the pad without materially interfering with other vessels, and in a few hours a clot will have formed in the end of the severed artery, and there will seldom be danger of a recurrence of hemorrhage. When the severed artery is deep-seated in muscular tissue and cannot be taken up and ligatured, the wound must be plugged firmly with batting or other clean material, which is first rendered antiseptic by saturating in a solution of carbolic acid, creolin, zenoleum, phenyle or other antiseptic, then introduced firmly into the wound and maintained there by bandages or sutures. It must be left thus for six or eight hours, and the animal kept as quiet as possible in the meantime, when in most

cases a clot will have formed and the plugging can be removed and the wound properly dressed. Venous bleeding is generally easily arrested by moderate pressure, or by styptic application, as the tincture of iron. As a rule, even these applications are unnecessary, the bleeding stopping spontaneously if the wound is exposed to the cold air, but if a large vein be severed it is often necessary to tie with a ligature, or proceed as in arterial bleeding. Veins being more superficially situated than arteries, there is seldom much trouble experienced in taking them up when necessary.

We will discuss the further treatment of incised wounds in a future issue. "WHIP."

FARM.

Lightning Rod Construction.

(Continued.)

Sir,—In my letter of last week, near the close, I referred to some cases of lightning striking where rods were in use, which could not be disputed. The wonder is not that there are some, but that there are so few, where rods of all descriptions, good, bad and indifferent, are used. Rods that are out of repair are, if not a positive source of danger, at least not much protection. The other day I saw one, one of whose points that should have been upright, was lying flat on the roof, and the rod itself was broken off near the ground. Heard of another on a schoolhouse, the disconnected end of which hung dangling half way down the side wall. Still another which had once come down the gable end of a barn, but a shed having afterwards been built up against the barn, and the rod being broken off, it now terminated in a haymow.

Again, some rods are so slight that when carrying off an electric current they literally burn in two. But where rods as ordinarily put up are, as it seems to me, most generally deficient is in not having sufficient ground connection. No matter how much a roof is covered by a rod, nor how many glittering points there may be, it is very seldom that there is more than one earth terminal. Sir Oliver Lodge and Mr. John Dearness, who interviewed him, both insist on the importance of good earth terminals and plenty of them. In the past, too much attention has been given to points above, and too little to what is much more important, connections with earth below. There is good reason for believing that some cases of lightning striking of rodged buildings (for instance such as those referred to by Prof. Reynolds in the "Farmer's Advocate" a few years ago) would never have occurred had there been two or more ends in the ground instead of one.

On barns fifty feet long and over I would run the rod all along the ridge, down the gables and into the ground at both ends. If there is a straw shed running T shape from the barn, then it should be protected by a rod beginning in the ground at the further end, then up the gable, along the ridge and joined, by wrapping it round a few times, to the rod on the main buildings. Points can be attached afterwards.

Now, how a farmer can make and put up a good lightning rod. Use soft No. 9 galvanized fence wire. To those of your readers who remember the discussion in your paper seven years ago nothing need be said in defense of the material mentioned. For the sake of others, let me quote from Sir Oliver Lodge, as reported by Mr. Dearness at that time: "Well, galvanized fence wire makes an excellent (lightning) conductor; much better than copper or its compounds, because these oxidize so readily." Find out how many feet of rod you need, including upright points and ground ends. Set a wagon in position so that one of the wheels can be used for twisting the wire. Measure from the wheel the length required for rod, and drive a strong stake, through which an inch or inch and a half auger hole has been bored. Brace well both stake and wagon to stand the strain. Let one end of a wire be put through the hole in the stake, and bent around, using plenty of length, the other end fastened around one of the spokes of the wheel close to the hub. Continue until nine wires are stretched, allowing for shortening in twisting, four inches per one hundred feet. Nine strands of No. 9 wire makes a cable much larger than ordinary lightning-rod, and weighs one-half pound per foot. Fasten everything solid at both ends, raise the wheel off the ground as if for greasing, and turn until the wires are twisted together so that they will stay.

Cut off the pieces needed for upright points, five or six feet high is sufficient, but a length of one and a half feet more must be left to be opened up and wound around the main cable to make good electric connection. At the actual point the wires should be spread apart, each one being cut off on the slant or filed to a blunt point. For support, get your blacksmith to make iron standards, such as lightning-rod men all use. Points may be placed about twenty feet apart.

If you own or can borrow a two-inch well

auger, bore down seven or eight feet for ground ends. If you have to dig, go down at least four feet, and have the rod at the end coiled into a flat spiral, throwing in also some old iron.

According to the best authorities, rods may be stapled directly to the building, if ground connections are good, but a cork may be put under, if desired, between the points of staple. Or two wire nails may be used in such a way that when driven far enough they look like an x, into the upper cross of which, like a stick in a saw-horse, the rod is laid. Just before being driven full distance, bend the heads of the nails over, and then drive down to hold the rod firm.

In conclusion, let me quote again from Sir Oliver Lodge, who thought "that a building whose highest lines and all projecting points were thus protected by single wires or loose cables terminating in damp ground would be well guarded." T. BATY.

Potato Rot and Digging-time.

The other day we received an inquiry similar to the following: "I have several acres of potatoes fairly ripe, but still growing. They show signs of rotting. Had I better dig and store in my cellar at once, or leave in the ground until fully ripe? If dug now they will rot in cellar. I want to save all I can for better prices than now ruling."

Last year the Maine Experiment Station grew, harvested at two different times, and stored in cool cellar, until January 1st, eight varieties of potatoes, four early and four late. Part of each were sprayed several times with Bordeaux mixture, and part were untreated. The shrinkage includes all loss due to rot, loss of moisture, etc. Potatoes that were all discolored, even though otherwise sound, were (as is the case of all experiments at this station) classed as diseased, and not included under sound potatoes.

Yield of sound potatoes from fifty-five hills at digging and per cent. of sound potatoes after storing until January 1st:

	Date of digging	Pounds sound potatoes from 55 hills at digging	Per cent. of sound potatoes January 1st.
Early varieties	Sept. 8	41	39
Unsprayed	Oct. 7	54	86
Early varieties	Sept. 8	74	64
Sprayed	Oct. 7	76	87
Late varieties	Sept. 8	64	48
Unsprayed	Oct. 7	69	91
Late varieties, sprayed	Oct. 7	104	90

In each instance, as in the average results, there was a larger yield at the later digging, and the late-dug potatoes kept far better than the earlier dug. Experiments at the Vermont Station give the same general results. The conclusion seems to be justified that in case the potatoes show signs of rot, they should be left in the ground as late as possible before digging.

Starting Beet-sugar Factory.

A Smith's Falls, Ont., subscriber writes, asking what the prospect would be for getting a beet-sugar factory started there.

In the first place, it would be wise to determine by actual experience that a success can be made of growing sugar beets of a sufficiently high percentage of sugar and purity, and in sufficient quantities, within a reasonable area of where the factory might be located. The two factories now in successful operation in Ontario are at Berlin and Wallaceburg, but it would not be very profitable to ship them from Smith's Falls even to the former. The freight rate is practically one cent a mile per ton. The extreme point from which beets have been shipped to Berlin is Newcastle, the rate being \$1.10 per ton, which cuts a large slice into the profits. In the meantime, it would be out of the question to think of starting a factory. We would suggest that a half dozen or more farmers grow a quarter of an acre each of sugar beets, as a test, and have them shipped as a carload to Berlin next fall for testing. The Ontario Sugar Company, at Berlin, would no doubt furnish seed and instructions for the purpose, and probably the manager of the Wallaceburg Company would do the same.

No "Taffy."

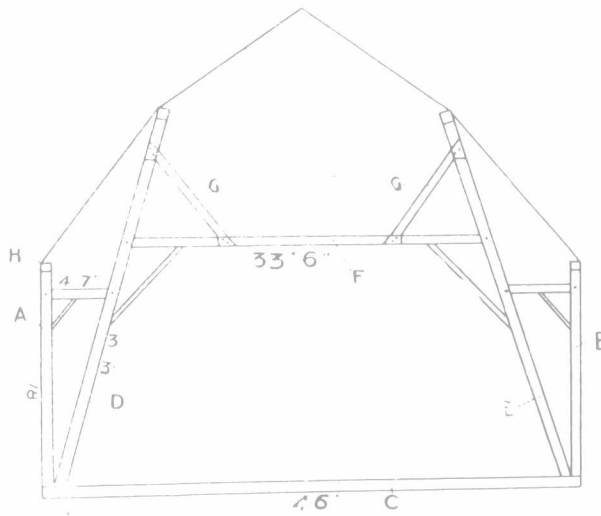
Enclosed find my subscription to the end of 1905. I am not giving you taffy, but will just say I have been a reader of the "Farmer's Advocate and Home Magazine" almost continuously from the time it was started, but I lost a couple of years of it, and I believe it was a money loss to me to have been without it. Prince Edward Co. H. H. DICKSON.

The Kind of Bent to Use.

An Oxford, Ont., County reader sends the accompanying cut of a bent of a barn, and comments on it thus:

Owing to its slanting purline posts, the above plan is commonly called the bridge beam. In most of the barns the posts are vertical. We also know that too many upright posts in a barn floor are a hindrance especially in small barns built when timber was plentiful. According to the above plan not a single post is on the barn floor. A team and wagon is able to be turned at any spot.

Not only is a barn constructed in this way more convenient, but also stronger. A frame made on the square basis is more apt to give to one side. Sup-



posing we wanted to prop up something heavy, say a sawlog, we would not put a square under it, but a triangle. The slant purline posts serve the same purpose as do the slant ends of a bridge. We read a great deal of barns blowing down or being broken down by snow. The storms are becoming more and more severe as the forests are cut down, and the thinner the forests the weaker the timber used; thus we want to give each foot of lumber its proper place, where it has the greatest opportunity to resist pressure, and also place timber where it is most needed. The times are past when oak, pine and beach logs two feet in diameter and thirty or forty feet long were used.

The timber used in the above plan is 10x10 throughout the whole frame. The end posts A B are 18 feet long; the bottoms of these are framed into the ends of C D E; the purline posts are 33 feet long, and are slightly grooved in C, to prevent them from slipping at the bottom. It is necessary that C be one long log, or if in two pieces they must be well joined, so as to hold the bottoms of D and E firm. F, the cross-beam, is 33 feet 6 inches long. This beam is kept firm by double braces at the bottom; these braces

Sherbrooke Exhibition.

AGRICULTURAL AND DAIRY DEPARTMENTS.

Better weather could scarcely be wished for than that which favored, during the first four days, the Great Eastern Exhibition. The attendance fell short of last year's record, but this can be accounted for by several causes. Undoubtedly, the fatal wreck on the G. T. R. at Richmond, between Sherbrooke and Montreal, in which nine or ten lives were lost and thirty injured, had the effect of keeping hundreds at home. Then, the mistakes of the hotelkeepers last year of overcharging had to be atoned for, the influx of visitors from the North-eastern States being comparatively small, in spite of the hotel tariffs being regulated this year by the city council.

This year, 1904, is considered to be a year of marking time by the exhibition directors. Of late years, the extent of the exhibition has grown by leaps and bounds, until its scope has outgrown the building accommodation. This year the entries were the largest in the history of the fair, and all departments were crowded. In the vegetable section, it was necessary to erect a large tent to accommodate the extra entries, and in the horse section the Superintendent had to engage stalls in the city to accommodate the largely increased entries, and this in spite of the fact that additional stables had been already provided on the grounds. New buildings had been provided for the cattle and swine departments.

The Association having issued bonds to the extent of \$15,000, look forward to making all the necessary improvements during the coming year. For instance, the present dairy building is by no means in keeping with the importance of the industry which it represents. It will undoubtedly be the first thing to receive attention of the Association, and before another fair is held, there is good reason to believe that an up-to-date dairy building, after the model of that at Toronto, will be erected, and the present makeshift will be used for the horticultural and agricultural exhibits entirely, for which it is admirably suited.

The liberal prizes donated by the Eastern Townships Bank, and offered for competition to the butter and cheese makers, produced a large entry of either product. In fact, the cheese exhibit was larger than last year, comprising fifty-seven entries of three cheeses each, whereas butter, with forty-three entries, showed a slight falling off. Mr. Warrington, of Montreal, judged the cheese and pronounced the quality, on the average, to be very fine, fully equal to the best Ontario. On the other hand, Mr. A. J. Brice, who scored the butter, expressed disappointment with the quality, flavor in many instances being especially faulty. The opinion was freely expressed among the factory men present that this deterioration in quality was due entirely to the introduction of the hand separator, and that they

must adopt methods to overcome these drawbacks. Mr. Brice is reported as saying that he had noticed a falling off in quality in a great part of the butter this season. If it were not for the shortage in the Danish make this season, England would not take our butter, except at very much lower prices.

Mr. Warrington pointed out that the cool-cured cheese took first place, which should be sufficient proof to the dairymen and cheesemakers that without the cool-curing system they are knocked out of competition.

The prizes were awarded as follows: Cheese—1, Robert G. Gilderhouse, Sweetsburg, Q.; 2, D. J. Ingalls, Denborough; 3, J. G. Ward, E. Dunham, Q.; 4, E. Ruiter, Farnham, Q.; 5, W. Barrington, Kingsbury, Q. Butter—1, E. O. Booth, Waterloo, Q.; 2, Carleton Creamery Co., Woodstock, N. B.; 3, S. L. Deslaurier, Mont Dufresne; 4, N. E. Fish, Ayer's Flat, Q.; 5, W. W. Reed, North Hatley, Q.

Much unfavorable comment was heard owing to the score-cards being withheld, both for butter and cheese. The boxes of butter were allowed to remain throughout the entire exhibition with the linings over the butter, so that no butter was visible. If this was an oversight, it is to be hoped that it will be corrected in the new dairy building. The fruit exhibit was large; 800



The Gravel Team.

should be about 8 feet long. G G are two plank draw-braces, inlaid in D and F and F F; then two bolts put through at each end. By having G G fastened in this way they have a double purpose, both as braces and draw-braces. The rafters are two feet apart and 16 feet long. The rafters only reach to the top of the plate marked H. Short rafters, 18 inches long, are nailed against the others, with a 4-inch rise at the bottom. After the sheeting and shingles are put on the end roof has a bell shape appearance.

The three or four inner beams of the barn should be made on the above plan, while the outside ones have to be made with upright purlines in order to nail on the sheeting. ADAM FOTH.

Oxford Co., Ont.

exhibits of apples alone vouched for 1901 being an apple year in these parts. Other fruit was represented, but in smaller quantities, the whole display being far above the average. Mr. Fisk, of Abbotsford, Q., judged in this department, and gave every satisfaction.

Vegetables made a grand showing, the season having been very favorable for their growth. Flowers, potted and cut plants, and shrubs of all descriptions were housed in the same building as the butter and cheese, and were arranged with much taste.

Nothing was undertaken this year by the Association of an educational nature, with the exception of demonstrations in poultry fattening, etc., by Mr. Hillhouse, of the Bondville Poultry Station. Perhaps, in the future, the directors will devote more attention to this branch of the fall fair, which is meeting with such success in Ontario. "COMPTON."

STOCK

Raising and Feeding Hogs for English Trade.

To the Editor "Farmer's Advocate":

Sir,—The farmers should, first of all, select their best long white sows, and breed them to the best white Yorkshire boar. The pigs coming should be fed as usual, in a field of grass or clover, until they weigh about 140 to 150 lbs. each, and then they ought to be penned up in a dry, clean pen for about five or six weeks, and the feed should be whey, skimmed milk or buttermilk, mixed with ground grain, and ground corn. Make the mixture:

25% ground corn, never more
" small oats.
" " barley.
" peas.
Turnips cut small

All ground grain should be soaked over night in whey, skimmed milk, buttermilk or water. Hogs will grow faster and better by keeping them clean, and, in cold weather, warm and dry, with plenty of straw in one corner of the pen, and feed three times a day. Don't give them more than they will comfortably eat up at each meal, and let them be quiet. Hogs gain most up to 190 lbs. for every pound of grain they eat.

440 lbs. grain or equivalent, makes 100 lbs. pork, live weight.
1 lb. of grain is equal to 4 lbs. boiled potatoes.
1 lb. of grain is equal to 6 lbs. skimmed milk or buttermilk.
1 lb. of grain is equal to 8 lbs. turnips cut small.
1 lb. of grain is equal to 12 lbs. whey.

This has been tried by Government experiments in Denmark and Canada, and was recommended by us eleven years ago.

Why the packers want 160 to 200 lb. hogs is because that size makes the standard sizes of Wiltshire cut bacon, for which there always is a demand in England; exceptional and very rarely during the year, and only for a short period, lighter or heavier bacon is wanted. It pays best for the farmer to sell hogs around 180 lbs., and it pays best for the packer to buy them. Of course, it is easier to buy a bunch of hogs at an average price, but it does not pay the farmer to sell them that way, and it is a very shortsighted business to kill and ship a lot of small and heavy sides to England, as it has an effect on the prices of the real standard bacon.

The English customer wants choice, well-fed hogs, not too fat—about one and one-half inches of fat on the back. The laboring class buys the leanest selections, and the more prosperous people buy the fatter selections, cut the fat off, and only eat the lean meat, which is more delicious from fat hogs than from lean hogs, but, of course, the laboring class cannot afford to do that, and that is why special lean bacon is quoted higher than medium and fat, as there is no waste on the special lean.

Our experience in the last ten years is that bacon hogs have not improved in quality, as the farmer has been careless in feeding hogs. They have sold them right off the field, without giving them grain for the last six weeks. During the summer months, about fifty per cent. of the hogs killed make a soft bacon, which brings less money, and, of course, farmers get less for their hogs on an average. The best way for the farmer, the packer and the reputation of Canadian bacon, is to follow the above advice, and we are sure that we will all be pleased with the hog producing and curing. Twenty years ago Denmark killed weekly from 3,000 to 4,000 hogs, and now Denmark kills from 35,000 to 45,000 hogs weekly, and has delivered a better product than any other country. Ten years ago a difference of from two to three cents a pound more was paid for Irish bacon than for Danish bacon, but at present Denmark, with a larger supply, gets fully up to the Irish bacon, and, on an average, perhaps more.

Canadian bacon should be up within one cent

a pound of Denmark and Irish bacon the whole year round, instead of having it sold from two cents to two and one-half cents below. This country has good packing houses who understand the cure, and the farmers ought to do their share by feeding their hogs according to above approved diets. It is impossible for any packer to make choice flavored bacon out of badly-fed hogs.

THE CANADIAN PACKING CO.

London, Ont.

The Canadian National Exhibition.

Bigger and better than ever aptly describes Canada's great Agricultural and Industrial Exhibition, as seen last week. King's weather prevailing, insured comfort for exhibitors and visitors. The management richly deserves the highest praise for the systematic arrangement of the show, the courtesy of its officers, and their thoughtful consideration for the convenience and comfort of the vast assemblages of people who came up to see the greatest all-round annual fair in America. The unusual lateness of the harvest doubtless kept many farm folk away this year, who would otherwise have contributed to the crowd, but there was no noticeable falling off in the attendance, the spacious and beautiful grounds and buildings being well filled with visitors on nearly every day of the week.

The live stock, always a leading feature of the Toronto Exhibition, was distinctly in advance of former years in the high-class quality of the exhibits in nearly all sections of the show, and the entries of 1903 were exceeded this year by quite one hundred in each of the divisions of horses, cattle and hogs. It is gratifying to know that steady improvement is being made in the character of the studs, herds and flocks of the country, as on these, more than upon any other of our institutions, will depend the future wealth of the Dominion. The excellently-arranged catalogue of the entries of live stock, decidedly the best ever presented at a Canadian show, was highly appreciated, and proved a great help to the visitors in intelligently viewing the exhibits. The chairmen and superintendents of the several divisions of live stock deserve special commendation for the methodical arrangement of the classes, in so far as the circumstances permitted, and for their attention to the wants and wishes of exhibitors and spectators.

CATTLE.

The entries in the Shorthorn, Hereford, Ayrshire and Jersey classes were considerably ahead in numbers of those of last year, the first named breed having 346 entries this year, as compared with 292 last year. Of Col. J. A. McGillivray, chairman, and Mr. Chas. Kelly, superintendent of this division, the unanimous opinion is that the right men are in the right places.

SHORTHORNS.—The entries were more numerous, the competition keener, and the average excellence of quality higher in this class than ever before at any show in Canada, and one could not look upon the large lines of entries of animals of so nearly uniform type and high-class quality without a feeling of pride in the productions of our enterprising breeders of this class of animals, which are doing so much to raise the standard of our beef cattle. The fact that in the competition in this class was included one of the crack herds of the United States, that of Messrs. J. G. Robbins & Sons, of Horace, Indiana, brought out in splendid bloom, and which it is expected will take a leading place at the World's Fair at St. Louis this week, and that our home cattle held their own admirably in such company, speaks volumes for the character of Canadian Shorthorn herds. The visiting herd, too, was one worthy of the highest praise, all of the ten females in it being bred by the exhibitors and sired by one bull, The Lad for Me, a son of the Canadian-bred champion bull, St. Valentine, and they made a really splendid showing, winning the first junior herd prize, the junior female championship, and the first award for the progeny of a bull and the produce of a cow, besides contesting the ground firmly, inch by inch, in all the sections of the class in which they showed, and winning a large share of the premium honors.

Another unexpected innovation was the grand herd of Sir William Van Horne, from his fine farm at East Selkirk, Manitoba, under the efficient management of that master cattleman, James Yule, and it is significant of the possibilities of the future that the first graded-herd prize and the grand championships for the best male and the best female of the breed were captured by the contingent from the ambitious Canadian West, to which the tide of empire is so sternly taking its way. Twenty herds, all told, contributed to the showing in this class, and the Ontario breeders whose herds had been drawn upon heavily in the last few years by United States breeders in preparation for the Louisiana Purchase Exposition, and by the Selkirk herd for the Dominion Exhibition at

Winnipeg, gave ample evidence in the troops of typical youngsters filing into the show-ring during the two and a half days' judging that there is no deterioration, but rather a steady improvement being effected in the quality of their cattle. It is also suggestive and worthy of note, as encouragement for young breeders, that some of the highest honors were borne off by animals bred by young men of comparatively little public repute, the grand champion female having been bred by Wm. McDerriott, of Living Springs. The second-prize senior heifer calf, which many good judges think might well have been placed first, was bred by Harry Fairbairn, of Thedford, who also bred her full sister, Fair Queen, the female champion of the International at Chicago last year, and of the Missouri, Iowa and Minnesota State fairs this year. The junior champion bull at Toronto this year, and the three-year-old bull heading the Robbins' herd, requiring the services of the referee to break the tie between him and the grand champion bull in his class, were bred by Thomas Redmond, of Millbrook. That we are not dependent upon importation for prizewinners is evident from the fact that in nearly every instance the above named laurels were wrested from imported animals.

Time and space forbid a detailed review of the winners in the numerous sections in this class, which, since the award list appears on another page in this issue, would be superfluous. A brief reference to some leading features must suffice. The change in the classification by which all animals three years old and over are classed together made a distinct improvement, as the stale old-stagers of former years were absent, and the senior classes were clean and fresh, making a more uniform showing. Prince Sunbeam =15216=, the roan three-year-old bull, winning first in his class, and the grand championship as best bull of the breed of any age, the awards being placed by Robert Miller, Stouffville, and John T. Gibson, Denfield, with Thomas Russel, Exeter, as referee, was bred by Mr. Bruce, of Heatherwick, sired by Prince of Archers, imported by George Isaac, Cobourg, and sold by him to Capt. T. E. Robson, Iderton, who won first with him at Toronto last year, and afterwards sold him to W. D. Flatt, of Hamilton, from whom he was purchased this summer by James Yule, for Sir Wm. Van Horne. He is young for his class, being only four months over three years, and is not a large bull, but is compact, smooth, well-fleshed on his back, has a real good head, and has abundance of real good Shorthorn character. So close was the contest between him and Robbins' roan, Lord Chesterfield =10610=, bred by Mr. Redmond, sired by Sailor Champion, out of Matchless, by Prime Minister (imp.), that many thought the Canadian-bred bull should win, and it was understood that the acting judges failed to agree on their placing, the referee deciding in favor of Prince Sunbeam.

In the two-year-old section, Harry Smith, of Exeter, brought out a surprise in his red Gold Drop =43723=, a massive, low-set, thick-fleshed bull, bred by Messrs. Cargill, sired by Imp. Golden Drop Victor, dam Golden Gift (imp.). In this bull his owner has a valuable sire, as his offspring in the competition for the best four calves bred by the exhibitor, a grand, good lot, split the judges, requiring the referee, who, after much consideration, placed him second to the Robbins entry. What was considered by many of the ring-side talent one of the few mistakes made was in not placing second in this section the roan Scottish Prince (imp.), bred by Mr. Watson, of Achronic, sired by Golden Champion, and shown by John Gardhouse & Sons, Highfield, a massive bull of fine character and quality of flesh, with smooth conformation and well brought out. There was not wanting good judges who would have placed him first, though there is room for difference of opinion between him and the winner.

The Maple Shade herd of Hon. John Dryden & Son, Brooklin, produced the winners in both the senior and junior yearling sections in their two capital red bulls, Clipper Prince and Eden Prince, by Prince Gloster, brought out in the pink of condition, and reflecting great credit upon Mr. Will Dryden, the manager of the herd, the junior bull being one of the very best in the show, conforming closely to the ideal type and full of quality. He was reserve number for the junior championship, and no mistake would have been made had he been given that place. The first-prize senior bull calf, in a splendid class of twenty-four, was Marigold Sailor, a dark roan, bred and shown by Thos. Redmond, Millbrook, sired by Sailor Champion, and out of Marigold 6th, by Prime Minister (imp.). He is, perhaps, the best calf of his age that has been shown here for years, straight, smooth, evenly balanced, and of the winning type. He was declared the junior champion. In the junior bull calf class, R. & S. Nicholson, Sylvan, have an extra good one in Count of Monte Christo, a red and little white January calf, bred by exhibitor, sired by Spicy Count (imp.), and out of Pineapple 2nd, by Imp. Chief of Stars. He is full of quality, with smoothness and substance, and should continue a

winner. He had a close call, however, as the referee had to decide between him and Blythsome Ruler, a roan February calf, sired by Chief Ruler (imp.), dam Missie 159th (imp.), shown by Edward C. Attrill, Goderich, who paid \$800 for the dam when carrying this calf, at the combination sale at Hamilton on January.

Good as were the bulls in this class, the females were much better. The first-prize cow, Mayflower 3rd, bred by Wm. McDermott, Living Spring, sired by Imp. Royal Sailor, and now in the Van Horne herd, a handsome, low-set, thick-fleshed roan five-year-old cow, of sweet feminine character, had a very close call in competition with Robbins & Sons' Lad's Lady, a beautiful and bountiful four-year-old daughter of The Lad for Me, dam by Imp. Gay Monarch. So closely, indeed, were these matched that no fault could have been found had the placing been the reverse. A clear winner in the two-year-old heifer section was the entry of W. C. Edwards & Co., Rockland, the beautiful Missie of Pine Grove, bred by the late W. S. Marr, and imported in utero, her dam being the \$6,000 Missie 153rd, and her sire Bapton Favorite. She is a model of the breed in every respect, and was reserve number for the junior championship, which went by consent to Robbins & Sons' first-prize senior yearling heifer, Lad's Emma, one of the most perfect specimens of the breed ever seen at a show in this country.

The Rockland herd of Edwards & Co. had the first-prize junior yearling in the red Zoe of Pine Grove 3rd, by Marquis of Zenda, a heifer of fine character and type, which had a close call from the Selkirk entry, Collynie Bashful (imp.), a Duthie-bred heifer which might well have gone to the front. In a great class of thirty-two senior heifer calves, the Selkirk herd won with Spicy's Duchess, bred by W. D. Platt, and sired by Spicy Marquis (imp.), after an exciting contest with Felicia, shown by W. B. Watt's Sons, Salem, a beautiful calf, full of flesh and quality, bred by H. Fairbairn, Thedford, and a full sister to the American champion, Fair Queen. This was one of the closest contests in the class. Both are extraordinary calves, and good judges might honestly differ as to which should go first; but not a few of the breeders present preferred Felicia, and would have sent her to the head of the greatest class of calves ever seen at a Toronto show.

The graded herd prizes were awarded, first to Sir Wm. Van Horne, second to Robbins & Sons, third to Edwards & Co. The junior herd prizes went, first to Robbins & Sons, second to Edwards & Co., third to Van Horne. For the best four calves bred by exhibitor, the order was, first to Robbins & Sons, second to H. Smith, Exeter; third to Edwards & Co.; fourth to John Dryden & Son. For the best three animals got by one sire, the rating was, first to Robbins, second to Edwards, third to Dryden & Son, fourth to H. Smith. The sires

of these were, respectively, The Lad for Me, Marquis of Zenda, Prince Gloster and Gold Drop. Edward C. Attrill, Goderich, showed a capital lot sired by Imp. Nonpareil Archer. For two animals the produce of one cow, the awards were, first to Robbins & Sons, for produce of Emma 3rd; second to Edwards & Co., for produce of Missie 153rd; third to Robbins & Sons, for produce of Clara 55th.

HEREFORDS.—Last year, it will be remembered, the Whitefaces did not make a good showing in point of numbers, there being only some 29 entries in all the sections. Like most of the other breeds this year, however, they were forward in increased numbers, the total being 73. We were glad to welcome back Mr. H. D. Smith, of Compton, Que., who did not show last year, and also to see a new exhibitor out, in the person of Mr. John R. Penhall, Nohar, Ont., who took second place with his three-year-old imported bull. R. J. Mackie, Oshawa, and R. W. Stott, Forest, were the judges.

The aged bull class had three entries, the Stone Stock Co.'s Stone's Clarence 2nd (imp.), a lengthy, low-set bull, with an extra deep brisket, that did not do himself justice, owing to a lame hind foot; John R. Penhall's Corporal (imp.), a smooth fellow, that stood well on his feet and has a good top, but not the substance of the first named; and the Stone Stock Co.'s Baronet (imp.), who has won here before, but is now out of show condition. The prizes were sent in the order named.

In the two-year-olds, Smith's Bourton Ingleside, a thick, low-set bull, of good masculine character, was a good first, and was afterwards awarded the sweepstakes and the grand championship for bulls. W. H. Hunter's Improver, a bull of good type, was placed second.

Yearling bulls were hardly as good as usual. Hunter's Orion, a thick fellow, was easily first, followed by J. A. Govenlock's Imperial, a lengthy bull, and third went to the Stone Stock Co.'s Prince Charming.

Bull calves were good. Here Govenlock, who only made his debut last year as an exhibitor, came in first with Forest Pride, a nice calf, that deserved his place. Hunter's Spartacus 2nd, who has good quality, stood next in order, followed by the same exhibitor's Homer, a straight-topped fellow, that will probably turn the tables on his competitors another year.

Twelve aged cows competed, and the rivalry between Smith's Duxmoor Brenda and Hunter's Buttermaid 2nd (imp.) for first place was keen. The former is a very thick one, short in the leg, but not quite so sweet at the tail-head as she might be. Hunter's entry has, perhaps, the advantage on the top line. However, the first went to the Smith entry, with the approval of most of the onlookers. The Stone Co.'s Peach 34th, another good one, was third in order.

In three-year-olds, the Stone Co.'s Sweetheart 34th, a thick, fleshy cow, came in at the top; the blue ribbon going to Smith's Amy 3rd of Ingleside, and the yellow to Govenlock's Ruby, bred by Van Natta & Son.

Smith had, in Sylvan 19th of Ingleside, a capital heifer, of the short, thick type, that took premier hon-

ors in the two-year-old class; while two promising entries of the Stone Co., Sweet Bar and Hazel Bar, were second and third respectively.

Eight yearlings faced the judges, who gave first to Smith's Amy 4th of Ingleside, a nicely-ribbed heifer; second to the Stone Co., for Peach Stone C., and third to Govenlock, for Rose Bud.

Heifer calves were a good lot. Smith was once more first, with Sylvan 20th of Ingleside; while Hunter got second and third with Lady Claire and Prudence.

The Compton herd was first for graded herd, with the Stone Co. second, and Hunter third; while for young herds, Hunter got first, Govenlock second, and Stone Co. third, Smith not showing in this section. Hunter also won first for best four calves bred and owned by exhibitor, while Smith won for best three animals, the get of one bull. The sweepstakes, and also grand championship for females, was sent to the Stone Co.'s Sweetheart 34th.

ABERDEEN-ANGUS.—Aberdeen-Angus were just three fewer in number than they were in 1903. Had Walter Hall, of Washington, been out as usual, this breed would have shown an increase proportionately as great as most of the other breeds. W. R. Stewart, Lucasville, and Jas. Bowman, Guelph, were the only two exhibitors.

Stewart had the only two aged bulls, Goderich Chief and Scots, which received the red and blue ribbons respectively.

There were no two-year-olds out, and just enough yearlings to take the prize money. Bowman's Elm Park King, who was just a day too old to go in the calf class, won first, and the same exhibitor second, the third going to Stewart's Royal of W. G.

Bowman won all three prizes for bull calves, Elm Park Kaiser, a smooth, evenly-fitted youngster, heading the section.

The sweepstakes for bulls went to Stewart's Goderich Chief, who was nicely fitted.

Bowman's entry for four calves, which won the red ribbon, included the calf that won the Carnefac special prize at Winnipeg; Stewart's calves were second.

The five aged cows were a nice lot. The order here was: First, Bowman's Elm Park Mayflower 2nd; second, Stewart's Maple Bank Bess; third, Bowman's Elm Park Belle 3rd.

The prizes for two-year-olds went in the same order, but Stewart came in ahead for yearlings, Bowman taking in the other two prizes.

Heifer calves were a tidy lot. Here Bowman won all three prizes.

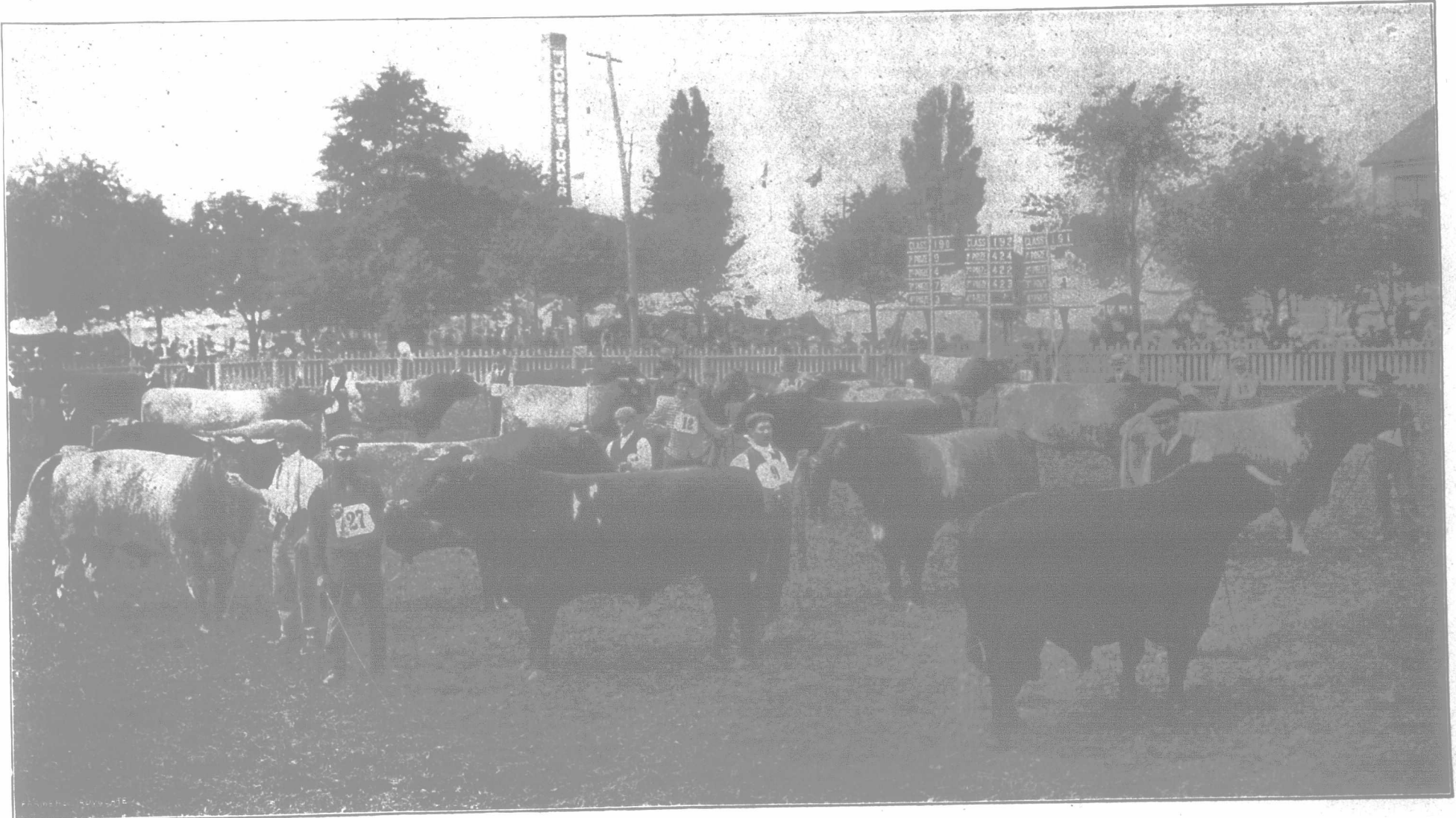
Both herd prizes went to Stewart, Bowman having no bull old enough to comply with the conditions.

The sweepstakes for females fell to Bowman's Elm Park Mayflower 2nd.

The class was judged by John Miller, Brougham, and Prof. Cumming, O. A. C., Guelph.

GALLOWAYS.—D. McCrae, Guelph, and Robt. Shaw, Brantford, were, as of old, the only exhibitors of the hardy Blackskins. The same judges officiated as in the Aberdeen-Angus class.

The aged bull awards went exactly the same as they



The First and Second Prize Aged Shorthorn Bulls and the Two-year-old Bull Class at the National, 1904.

The dark roan in the right hand foreground is Sir Wm. Van Horne's Prince Sunbeam, and the light roan in the extreme left Robbins' second-prize bull, Lord Chesterfield.

did in 1903, viz., first to McCrae's Cedric 4th of Tarbreoch; second to Shaw's Viceroy of Castlemilk, and third to McCrae's Victory. The first-named is a lengthy bull, of good type, but not fleshy; the second-prize one was well fitted, but seems to have an aversion to show himself off well.

McCrae had the only entry in two-year-old bulls, Wedholme, and also the winner in yearlings, in Celtic Druid, who distinguished himself at Winnipeg in carrying off the junior championship for Galloways there. Shaw was second with a younger bull, King Vick.

The order in bull calves was also first McCrae, second Shaw.

McCrae's aged bull secured the sweepstakes, and the same exhibitor's aged cow, Grisel 11th of Lockenkit, a cow of a capital type, and who won the championship for females at Winnipeg, as she also did here, headed her section, followed by her stable mate, Lismore Lady; Shaw getting third with Bella B. 2nd.

Two-year-olds were only fair, McCrae getting first for them, and also for yearlings; Shaw being second and third in both sections.

Shaw came in ahead with heifer calves, with McCrae second.

The order for herds was McCrae first and Shaw second.

AYRSHIRES.—As usual this breed made an excellent showing, perhaps a little better all around than on any former occasion, which is saying a good deal. The principal herds represented were those of W. Watson Ogilvie, Lachine Rapids, Que.; R. Reford, St. Anne de Bellevue; R. Hunter & Sons, Maxville; J. G. Clark, Ottawa; A. Hume & Co., and Wm. Stewart & Son, Menie, Ont. The fine herd of R. R. Ness, of Howick, Que., which made so good a record in the prize-list at the Dominion Exhibition at Winnipeg, was not represented, owing to the sale of his sweepstakes bull and the Pan-American female champion, with some others, to Mr. Wells, of Connecticut, to strengthen his herd for the St. Louis Fair. Messrs. W. W. Ballantyne, Stratford, and Alfred Cairns, Byron, who tied the ribbons on this class last year, again officiated, and gave very good satisfaction. A striking feature of the class was the superior excellence of the bulls heading the herds, which were of high quality and type, which can hardly fail to show its influence in the improvement of the character of the herds in which they are being used.

In the section for bulls three years and over, the hardest tug of the day was between Reford's Imp. Howie's Fizzaway and Hunter & Sons' Lessnessock King of Beauty, both three-year-olds, which were so closely matched last year, when the last-named won here. The decision this year was a reversal, Fizzaway going to the front, owing to his greater depth of ribs and excellent quality of skin and hair, though for general dairy type and conformation he was hard pressed by his rival. Third prize went to Stewart's Hover-a-Blink, an old-time winner, son of the former champion cow, Jean Armour, and fourth to Hume's Prince of Barcheskie (imp.).

Another close contest was that in the two-year-old section, between the two imported bulls, Lessnessock Royal Star, first-prize yearling here last year, and Royal Warrant, both sired by Rare Style of Saturland, the former owned by Hume & Co., and the latter by Mr. Ogilvie. Both are exceedingly good ones, and after careful consideration Royal Star was again placed first, Royal Warrant second, and Stewart's Rob Roy third.

In yearling bulls, Reford's Right-Away, a typical youngster, a son of the great sire, Glencairn 3rd (imp.), was first, followed by J. G. Clark's Sir Oliver of Woodroffe, Ogilvie's Pilot of Glenora, and Hunter's Royal Edward.

The last-named exhibitor won in senior bull calves, with Prince Sunbeam of Glenora; second and third going to Reford, for Castle Glen, by Castlehill, and Lord Glencairn, by Imp. Glencairn 3rd.

Junior bull calves were placed as follows: First to Ogilvie's, second to Reford's, third to Clark's. Reford's Fizzaway was declared champion and grand champion bull of the breed.

The section for cows four years old and upwards was a good one, there being fourteen present out of the eighteen entered. After a long examination the judges sent first to Hunter & Sons' Garclaugh Bloomer 2nd (imp.), a large seven-year-old, with a strong back, a nice level udder running up well behind, and good teats. Reford & Co. scored second, with Blue Bell of Hillhouse (imp.), a cow with a capital udder, well developed in front. Third place was given to Ogilvie's nine-year-old Minnie of Lessnessock (imp.), who carries a large udder, though owing to age and heavy milking hardly as shapely as the others. Reford was fourth with Favorite of Auchenbrain (imp.), a cow of a good useful stamp and strong constitution.

Three-year-old heifers were a nice lot. In this section Reford won the red ribbon, with Blue Bell 1st of Ste. Annes, a daughter of the second-prize aged cow, who had a large forehead and fair-sized teats. Hunter & Sons came in second and third, with Lessnessock Queen of Bloom (imp.), and Lessnessock Stylish Alice (imp.), a nice pair, much of a type, the latter showing most quality, the former the best udder. Stewart & Son were fourth, with Bessie of Warkworth, a smooth cow, with a nice bag.

In the section for dry cows, the first award went to Reford's Jessie of St. Anne's, by Glencairn 3rd; second to Hume's Little Love, by White Chief; third to Clark's Loucairn, by Glencairn 3rd.

Two-year-old heifers made a nice display. Here first and second went to two half-sisters, Lessnessock

Rare Bloom and Lessnessock Stylish Beauty, both imported, and by Rare Style of Saturland, which had the best all-round udders of those in the ring. The first was shown by W. W. Ogilvie, and the second by R. Hunter & Sons. Ogilvie also won third, with Lady Grace of Glenora, a straight-topped heifer, with a promising udder, and Reford's Auchenbrain Trimburne (imp.), a deep-bodied heifer, with nice udder development, came in fourth.

Yearling heifers were one of the most evenly good sections of the show, all of the fourteen brought out being of excellent type, the prizes going, first to Hume & Co. for White Heather, by Prince of Barcheskie; second to Ogilvie, for Madge of Glenora, by Douglasdale; third to Clark, for Flossie of Woodroffe.

In a strong class of senior calves, Ogilvie was first and third, with Heather Bell and Sweet Monica, the former by Black Prince, the latter by Douglasdale; and J. G. Clark second, with Pit II., by Comrade's Heir.

Junior heifer calves were rated as follows: Stewart's first and third (by Rob Roy), Hume's second and fourth (by Prince of Barcheskie).

In the section for four animals, the progeny of one bull, all bred and owned by the exhibitor, the four ribbons went as follows: First to Ogilvie, who showed four even heifers, the get of Douglasdale of Dam of Aber; second to Reford, for two four-year-old cows and two two-year-old heifers, by Glencairn 3rd; third to Hume & Co., for the get of Prince of Barcheskie; and fourth to J. G. Clark, for the progeny of Comrade's Heir of Glenora.

The prizes for graded herd (one bull any age, two females over three years, one two-year-old heifer, one yearling and one heifer calf) were won by Hunter, Reford, Ogilvie and Stewart, in the order named, the bulls being, respectively, Lessnessock King of Beauty, Howie's Fizzaway, Royal Warrant, and Rob Roy, the first three imported.

The sweepstakes for female, any age, was sent to Hunter's Garclaugh Bloomer 2nd.

JERSEYS.—This breed was well represented by contributions from the herds of B. H. Bull & Son, Brampton; D. Duncan, Don; Thompson Porter, Carleton West; W. B. Cockburn, Hamilton, and Mrs. E. Lawrence, London West. The Brampton herd, headed by the two great stock bulls, Nameless King and Blue Blood, came out strong as usual, winning the bulk of the best prizes, but met keen competition in several sections, in which they had to be content with second place.

Blue Blood was again a clear winner in the section for bulls, three years and over. Nameless King, a young bull of splendid type, quality and breeding, took the lead in the two-year-old division, and later won the male championship of the breed.

Mrs. Lawrence scored in yearling bulls, with Somerville, a capital specimen of the breed. Monarch Lad, of the Brampton herd, was a good second, and Duncan's Blue Blood of Don a worthy third.

In senior bull calves the whole four prizes went to the Brampton contingent, as also did the first, third and fourth in junior calves, the second going to the Don herd.

In a good class of cows, the first award went to Minette of Brampton, shown by Bull & Son, a grand daughter of the great producer, Adelaide of St. Lambert. She is a strong, useful cow, with a large and well-balanced udder, though less refined in appearance than most of the herd. Second place was given to Mokena's Pet of Oak Grove, shown by W. B. Cockburn. She was purchased at Mr. Bert Lawson's sale at London last spring, and came out in fine form, showing a great udder, but as the judging was deferred till afternoon, and the cows had not been milked since the previous evening, this cow's udder, and that of Mr. Duncan's Gussie of Curtmer, placed third, showed at a disadvantage, their hind teats pointing forward too much, otherwise the rating might have been different. This is one of the cases in which a judge might well have the cows milked before giving a decision. They are, however, three grand, good cows, capable of doing big work in the dairy.

A beautiful type is that of Sweet Eyes, imported from the Island of Jersey, this charming young cow winning the first award in the three-year-old section for Bull & Son. Reginas Pet of Don, by Blue Blood of Dentonia, of Mr. Duncan's herd, made a creditable second, and the first award in two-year-old heifers went to the same herd for Lady Primrose; the other three prizes in the section going to the Brampton herd, as did the first and second for yearling heifers in milk, the third falling to Porter's Marjoram of St. Lambert, by Three Hundred Per Cent.

In yearlings out of milk, Bull & Son scored first and second, Duncan third, and R. R. Fleming fourth with Mary's Pet, a handsome little daughter of Silent Owl.

The first and second awards in senior heifer calves went to the Brampton herd; third and fourth to Duncan's entries.

Mr. Porter scored first in junior heifer calves, with the very promising calf, Rioter Pattle of St. Lambert.

The first herd prize, open to mature animals, went to the Brampton herd, and the first young herd prize to Duncan, who also scored first for four animals the progeny of one sire; Bull & Son winning second and third.

The sweepstakes for best female of any age went to the first-prize cow, Bull & Son's Minette of Brampton.

HOLSTEINS.—For some reason this breed did not make the strong showing it generally does, either in

point of numbers or quality, there being a falling off of about eighteen per cent. in numbers as compared with last year's entries. The class was expeditiously judged by R. S. Stevenson, Ancaster.

Jas. Rettie, Norwich, had a very good aged bull in Schuiling De Kol, that handled well. To him went the red ribbon, and the blue to G. W. Clemons' Count of Maple Hill, a son of the old champion, Count Mink Mercedes, a bull of good dairy type, that might well have headed the section.

The two-year-old class contained the pick of all the bulls, in Rettie's Cornelia's Posch, which weighs 1,940 pounds, and which also carried off the sweepstakes for best bull of the breed. W. H. Simmons' Iosco Pride Pan-American, of smaller build, and which did not handle so well, was placed second.

In yearlings, which were a good average lot, though only four in number, Simmons had a very good entry in Count Mercena Schuiling, which headed the class, although Rettie ran him close with Artis Pietertje Posch, out of Artis Peer's Poem. R. F. Heicks, Newtonbrook, won third, with a bull of the historic name of Gamey, and fourth with Faforit 10th's Champion.

There were just three bull calves under one year old, and first place could not be denied to G. W. Clemons' Sapper, a son of his well-known stock bull, Count Mink Mercedes, and, like his sire, of excellent quality. Rettie's entry, Sir Artis Monk, by the same sire, had not the length of his half-brother, and so took second place. Simmons came third, with Katie's (see) De Kol.

Rettie's younger calf, Sir Schuiling Posch, is a very promising one, and carried off the red ribbon for junior calves; Simmons being second and third. This was a good class all through.

Aged cows were not as good as are generally seen at Toronto, though there were some good ones in the bunch. Rettie's well-known Highland Cornelia, an old-time winner, in her fourteen-year-old form, came in first. She has a good, large and well-balanced udder, and deserved what she got. R. F. Heicks won second with Faforit 3rd, and third with her daughter, Faforit 7th. The old cow has a fine udder, deep, and extending well up behind, and has the required dairy frame. She is beaten in production, however, by her daughter, who holds an official record of 21½ pounds of butter as a four-year-old. Fourth place went to Simmons' Lady Pietertje Mercedes, and fifth to Clemons' Princess Pledge De Kol.

The last-named exhibitor had the best three-year-old, in Julia Arthur, a smooth cow, with a nice forehead. Rettie's Artis Pietertje Poem, another daughter of Artis Peer's Poem, was second; Clemons third, with Helen Modjeska, who had a nicely-balanced udder; and Simmons and S. R. Beck fourth and fifth, respectively, with Katie De Kol and Sylvia Tensen, the latter out of Cornelia Tensen 2nd.

Two-year-olds were only fair. Rettie had the best, in Janthe Jewel Mechthilde 2nd and Pietertje Poem, which won the red and blue ribbons. Alice Neilsen took the yellow rosette for Clemons, and De Kol Clothilde the white for Beck.

Clemons' Princess Pledge De Kol 2nd headed the section for yearlings out of milk, the order of the rest being, Rettie's Jennie Posch, Beck's Rea De Kol, and Heicks' Fairy.

Heifer calves under one year old were fairly good. Rettie was here first and third, and Simmons second, fourth and fifth.

The junior heifer calf class was better than the senior one. Clemons won first and third with Lulu Glaser and Maud Adams, respectively; Heicks second with Faforit 7th's Topsy, and Beck fourth with Vida Zo Zo.

For four animals, the progeny of one bull, Rettie was first, with the get of Schuiling De Kol; Clemons second, with those of Count Mink Mercedes, while third and fourth went to Heicks' and Simmons.

The order for aged herd was Rettie, Clemons, Simmons and Heicks; and for young herd, Rettie, Simmons and Beck. The sweepstakes for females was captured by Rettie's old-time winner, Highland Cornelia.

HORSES.

CLYDESDALES.—Every year it becomes more evident that the Toronto Exhibition is the great battleground of the Clydesdales in Canada. Breeders and importers fit and fatten their stock for this show as if it were the supreme effort of their lives. The list of heavy horse experts that the whole world offers is carefully scanned, in order that judges competent to make intelligent and honest awards may be secured to adjudicate in the ring. Just what influence any particular exhibitor or clique of exhibitors has with the exhibition board in selecting the judges we cannot tell, but it is most notorious that there should be so much unanimity in the Clydesdale Association's directorate when judges are recommended, and so much dissatisfaction when the officials are finally decided upon by the exhibition board, or when they conclude their duties. This year the judges who accepted the responsibility of placing the awards were Alex. MacLaren, of Chicago, and Prof. Carlyle, of Colorado, and in the most of the classes, we believe, their decisions were correct. In a few cases, however, equally good judges would have arranged the horses differently, and in some instances the arrangement would have been very much unlike that which prevailed. The judges evidently attached considerable importance to bodily conformation and substance, although quality was by no means a secondary consideration. In all the classes competition was hot, and it does not follow that the horse that failed to get a place was necessarily a second-rater.

Aged stallions had thirteen entries, which made up the strongest class of draft stallions ever seen in an American show-ring. After deliberating for half an hour, seven horses were sent out of the ring, and the competition narrowed down to Graham Bros., Smith & Richardson, and Robt. Ness. Finally Graham Bros.' Royal Baron, the newly-imported Baron's Pride horse, went first, followed by his stable companion, King's Crest, a horse of much finer bone and more quality, but hardly as good a mover; both have capital feet and plenty of substance. Baron Gartly (imp.), by Casabianca, one of Smith & Richardson's new ones, was placed third. Here is one of the very best horses this firm has ever imported; feet large and strong, bone hard, fine and sufficient, and a regular model of a body, round, short and well coupled. He is easily the king-pin of the Columbus stables. The horse winning fourth prize was Robt. Ness' The Rejected, by Ethiopia, a horse that might stand just a little more filling in the middle, but of course the horse that remained within the money in this ring could not afford to lack much in any particular.

The three-year-olds showed considerably more variation in type and quality than did the seniors. In this class the champion of the breed was discovered in Baron Sterling, Graham Bros.' Baron's Pride colt, that was imported this season to win his class at Toronto, and at St. Louis if he had been taken there. This horse was recently described in our Gossip columns, and needs no further comment, except that, as compared with last year's champion, Cairnhill, he has more substance, is a little shorter in the leg, and shows more draft character. It was in the placing of the next horse that the judges were most severely criticised. Yester, a Baron's Pride colt, belonging to Graham Bros., second in his class at the Spring Stallion Show, was placed second; Wigtown Life Guard, by Labori, recently imported by Dalgety Bros., third, and Royal Dean, Smith & Richardson's colt, fourth. Yester, although a corking good colt, with lots of Baron's Pride quality, is just a little lacking in range, following too much the pony type, while the two below him are more of the type of the winner, the popular kind, and showed sufficient quality to stand above Yester. There is much to be admired in the Dalgety colt, for besides his good feet, fine quality of bone, he has a strong, well-knit body, and good action. The Columbus colt follows much the same type, and is a valuable acquisition to the breed in Canada. There were twelve altogether in the section.

Eight entries made up the display of two-year-olds. This time the first honors went to Smith & Richardson, on Imp. Carlist, by Sir Everest, a stylish colt all over, with plenty of substance and quality, a great back and top, and a fair mover. Next came Graham Bros.' Fairy King, another Baron's Pride, of good size and Clyde character, but a little plain over the rump. R. Ness & Sons had the third-prize colt, in Adam Bede, another Baron's Pride, a little smaller than those above him, but not wanting in quality and the other characteristics that go to make a good Clydesdale.

The yearling class had five in the ring, Graham Bros. again winning on Baron Bertram, by Baron's Pride, with the usual good quality; Smith & Richardson getting second with Prince Druid, a colt somewhat smaller; and Andrew Aitchison third, with Charming's Pride.

Females.—There were several imported fillies shown in the female sections, the importation of Graham Bros. last June being responsible for several of them. A new one lately brought out by this firm carried the red in the three-year-old filly class. She was sired by King of the Roses, and is a very big and drafty mare, a little plain about the head, but strong in the body and heavy in the quarters. A. Aitchison's Royal Princess, a much smaller and finer mare, came second, and a

drafty, broody-looking filly, Madge of Hallcroft, shown by Smith & Richardson, took third.

The winner of first in the two-year-olds was Hodgkinson & Tisdale's Helen MacQueen, a big, drafty filly, that moved up with lots of snap. In the final contest she crowded the three-year-old hard for female championship, but the referee decided in favor of the Claremont mare, largely on account of her superior quality. Graham Bros. had a good quality filly, much smaller than Helen MacQueen, in second place, while third honors went to Hodgkinson & Tisdale's imported Dona Roma, for which they paid \$700, at Graham's June sale.

Three entries made up the yearling filly section, which was headed by Cairnbrogie Jewel, J. I. David-

The grand championship was then awarded to the Graham mare.

SHIRES.—Shires were by no means strong numerically at this year's show, and were it not for the fact that J. B. Hogate had picked up some top numbers recently in England, the display would have been much weaker. The awards were made by Mr. Robt. Ness, of Howick, Que., whose advocacy of quality as the prime consideration in draft horses is well known. This partiality of Mr. Ness for quality accounted in more than one class for the placing.

Aged stallions had but the one entry, Morris & Wellington's Mars, a horse that is proving a capital stock-getter in his district.

Three-year-olds had four out, the Spring Stallion Show champion, Sand Boy, again heading his class. This horse has kept himself wonderfully well through a heavy season, and can stand a lot of competition. His quality is almost equal to that of the best Clydesdales, while for strength of bone and massiveness of body he has few equals. Next to him came Morris & Wellington's Baron Albert, a horse of good bone, and a good goer, but rather lighter and narrower in body than the horses that stood on either side of him. The third horse was J. B. Hogate's Nateby Pioneer, the horse with one of the best tops in Canada to-day. If one overlook a little deficiency about the hocks, this fellow would measure up near perfection. Many would have put him in second place, and it is only because the class was exceptionally strong that he did not lead. A stable mate, Nateby Twilight, got fourth.

All the money went to Hogate on two-year-olds, the winning trio being from his recent importation. The first in this class, Nateby Defender, is an exceptionally fine-quality fellow, and also has the Shire massiveness, heavy muscling and close coupling. The other two also make friends at sight, and by their uniform type, strength, size and draft character, did much to popularize the breed.

The male championship was practically a fight between Sand Boy and Nateby Defender, the older horse finally winning, largely because he is matured, while the two-year-old has not yet reached a fixed form.

The females were even fewer in numbers than the males, not more than two coming out in any section.

Morris & Wellington started the winning with Lancashire Lass, whose equally good quality and greater substance put her over J. M. Gardhouse's Lady Darnley.

No two-year-olds came out, and only one, Lady Luetta, put in an appearance in the yearling section. This is a filly bred by Morris & Wellington, now owned



Baron Sterling.

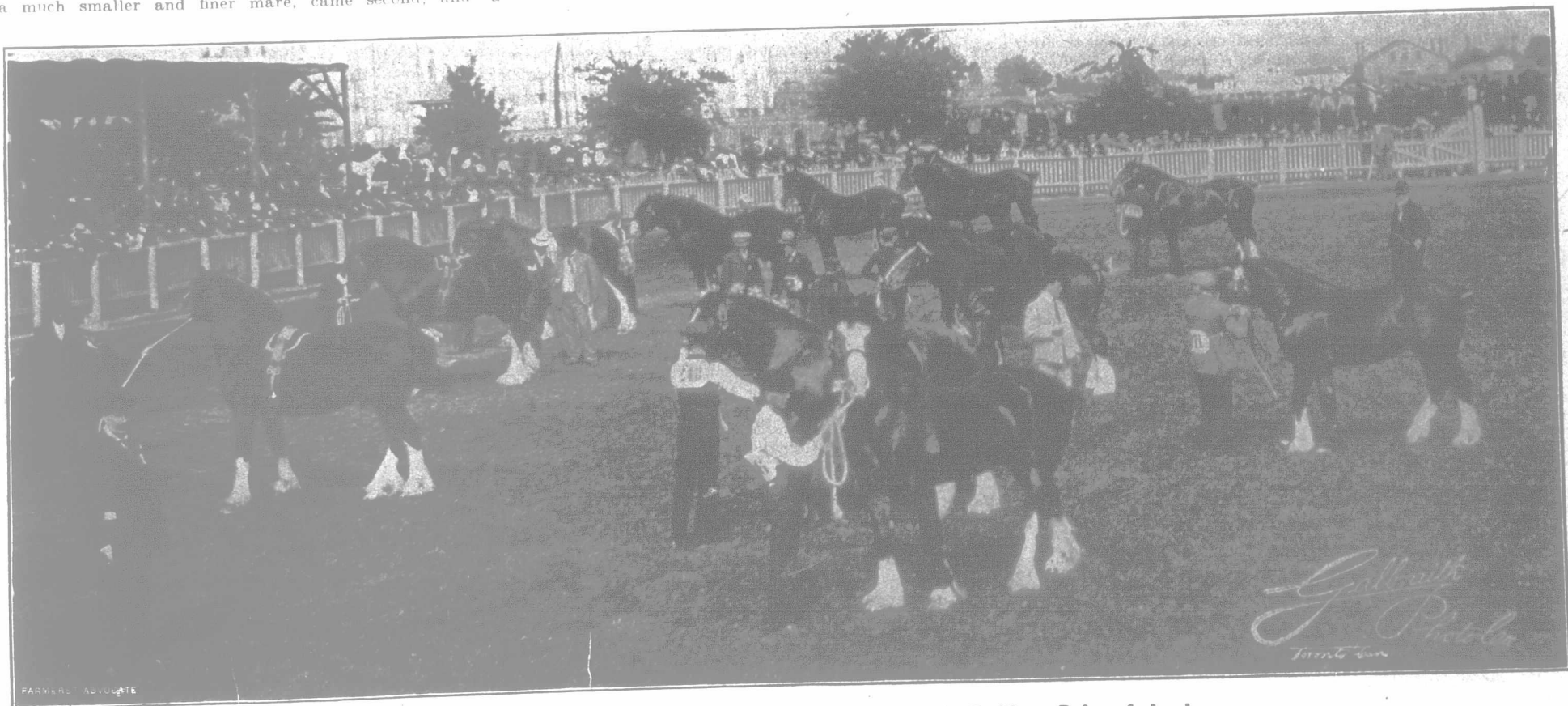
Champion Clydesdale stallion at the National, 1904. Owned by Graham Bros., Claremont, Ont.

son's top-notch mare, sired by MacQueen. This filly is one of a large number kept at the Balsam barns, and is a typical modern Clydesdale female. The Davidsons took a contingent of their fillies to the West, to exhibit at the big fairs, after which they were sold, still they were able to bring a long string of good ones to Toronto. Queen of Maple Grove, from Smith & Richardson's stable, a good mover, of the proper type, got second; third going to A. Aitchison.

For the brood mare prize, J. I. Davidson showed Fair Nellie 2nd, a nice, smooth, good-going mare, with plenty of bone and nice quality, and won first. Flora Hilton, from the Beaverton string, a rather flashy goer, of good type, got second, and her stable companion, Royal Princess, a mare with a little less quality, third.

Flora Hilton's colt foal won his class, with Fair Nellie 2nd's filly foal second.

There were two female sweepstakes to be competed for, one for imported stuff, which was won by Graham Bros.' three-year-old, Flower of Dryfe, and one for Canadian-bred fillies, which went to Helen MacQueen.



In the Horse Ring at the National, 1904—Aged Clydesdale Stallions Being Judged.

by J. M. Gardhouse, and is one of very superior quality, excellently turned, and a great promiser for the future.

The brood mares were headed by John Gardhouse & Sons' Laura, a fine big, drafty mare, quite rangy and active for a Shire, while second place went to Morris & Wellington's Moulton Marianne (imp.), a lower-set mare, with hardly as much quality. The foals of these two mares won equal honors with their dams.

A rather remarkable award was then made by Mr. Ness for championship, the yearling filly winning over the more aged mares, but, of course, she filled the Scotchman's eye, with her big feet and quality.

CANADIAN-BRED DRAFTS.—This class brought out horses of a great variety of excellence or lack of it. In some of the sections it might have been better to have withheld the best ribbons rather than have it said that horses of such indifferent quality should win first prizes at the great National. At such a large fair the reputation a horse gains by winning first is a most valuable asset, and should only be given to individuals to whom the reputation is not the most forcible argument in getting farmers to patronize him. The first class out—stallions four years old and over—had three entries, none of them remarkable for quality nor as movers. The judges, however, Messrs. Robert Ness, Howick, Que., and Alex. MacLaren, Chicago, gave first to Prince Henry, the entry of Neil Sinclair & Sons, Coldstream, Ont. This horse had a nice top, which evidently made him the favorite. Second place was won by Gordon Anderson, a Lewie Gordon horse, owned by Isaac Stanley, of Paisley, a horse of immense size, but of the old-fashioned draft type, having a great supply of coarse feathering. Third prize went to a rather nice quality horse, Jubilee Chief, Robt. Newman proprietor, but one that was not going extra well.

One would look for a little more quality than was displayed by the horse winning first in the three-year-old section, but the body, quarters, shoulders and neck were almost perfect. All Gold was his name, owned by Tanner Bros., Caledonia, Ont. Next to him was Brookedale, shown by Davis & Graham, of Schomberg, and third went to Toronto S., from the stable of M. Soper, Malton. The two-year-old stallions were as a class quite an improvement on their seniors. The first-prize horse, MacAirlie's Best, shown by Graham Bros., Claremont, is a big, fine quality colt, of rather a rangy type, but with good feet and very nice action. When he fills up in the middle he will be one of the Canadian-bred horses that will do the country credit. He afterwards won the sweepstakes in his class. Andrew Grady's (Mayfield) entry, Wild America, a clean-boned, well-topped fellow, smaller than the first-prize horse, with smaller feet and pasterns a little shorter, stood second. Next to him was Bradford Laird, shown by Geo. Botham, Bradford, a colt of the same type as the last, and in fourth place stood a horse, Cairnton's Best, that would have looked better much farther up. He was a very drafty fellow, with a lot of quality, and well put together. Smith & Richardson, Columbus, showed him, and he was sired by Royal Cairnton (imp.).

Four colts came out when the year-olds were called. Sir Hector, Thos. A. Woods' (Bradford) entry, a good colt, with plenty of size and considerable quality, got first; Hodgkinson & Tisdale's Maccorrie, a smaller colt, second, and J. F. Staples' (Ida) Prince Radiant third.

The Canadian-bred females were, on the whole, a very superior lot. Florodora, a MacQueen filly, shown by J. F. Staples, is a real good one, and won first in the three-year-old filly class; J. C. Ross, Jarvis, got second with Jessie, and J. E. Fells, Belgrave, third.

The two-year-old section brought out the sweepstakes Canadian-bred mare, Queen Bess, a MacQueen filly, shown by Geo. Davidson & Sons, Cherrywood. She is just the right type of filly, neither too rangy nor yet squatly, clean-limbed, well ribbed up, and a good actor. Next to her was Chas. F. Maw's (Omagh) filly, Darling, something the same type, and third was Gold Wave, quite a rangy one, shown by Graham Bros. J. M. Gardhouse, Weston, showed a nice, clean-legged, well-turned yearling filly, that won first, and J. Graham, Derry West, got second with one a little more rangy, but a nice, true mover.

Davidson & Son's Fair Queen and foal were quite easily the best entry in the brood mare and foal section. She is well put up all over, broody but not too loose. Her foal, by MacArley, won second in its class. Hodgkinson & Tisdale got the second and third prizes for mares and foals, and first and third for foals. Davidsons then won first for mare and two of her progeny, with Fair Queen and the sweepstakes mare, Queen Bess, and Fair Queen's foal, the Beaverton stable getting second. For the progeny prize of four colts under two years, Graham Bros. showed four of MacQueen's get and got first, and Hodgkinson & Tisdale took second with four of Foremost's foals.

DRAFTERS IN HARNESS.—There have been shows in Toronto in the past where the drafter in harness was more in evidence than he was at this one. Heavy draft geldings or mares four years or over, had a very small entry, W. Hendrie, Toronto, winning first with Nat, a horse sired by Eastfield Laddie. The second-prize horse in this class was Fitz, by Polonias, owned by Millard, of Orillia, and third Major, from Seaforth. When the same class was called to be shown before a lorry, the first two horses stood in the order previously established, but Hodgkinson & Tisdale's Idonia Queen was made to carry the orange. The prizes for teams in harness went, first to Hodgkinson & Tisdale, for their big drafty mares, Idonia Queen and Arabella; sec-

ond to the Dominion Transport Co., Toronto, and third to Donovan & Robins, Seaforth.

GENERAL-PURPOSE, CARRIAGE AND COACH.—The general-purpose horse, according to the National Exhibition authorities, is a horse suitable either for the wagon, carriage, buggy, saddle or plow, while a clause, dock horse not eligible, debars the dealer pretty effectually from competition with the breeder and amateur. There are also classes for carriage and coach, and when these two breeds, if they may be called breeds, were in the ring, the type was so similar that even the judges, Mr. Peter Christie, general-purpose, and Dr. Sinclair, carriage and coach, could scarcely tell to which department some of the entries belonged. Of course having the two classes makes it possible to spread more good prizes around, but it is doubtful whether any improvement in horse-breeding results from such methods, and it might be better to withhold prizes from carriage or coach horses unless pure-bred, and extend the scope of the general-purpose class to include fourth or fifth prizes. This would tend to discourage the showing of one class at least ineligible for registration.

In both these classes some very good horses were shown, the general-purpose ring being limited to only mares and gelding, while in the carriage and coach camp stallions of all ages were shown, the championship going to T. W. Smith, of Glanford, on British Ficator, a very swell horse. The championship for females was won by Miss Canada, a gray mare, by Al. Yeager's Hackney stallion, Hillhurst Sensation. She has all the style and action of the Hackney, and much of the fineness, quality and speed of the Standard-bred. She is now owned by Hugh S. Hunter, of Smith's Falls.

HACKNEYS.—The show of Hackneys this year was the largest in the history of the breed in Canadian show-yards, and the display certainly did the great English high-steppers immense credit. All of the Beith string that carried off the best of the St. Louis prizes were on hand to take their share of the National awards, and besides these were several newly-imported by J. B. Hogate, Sarnia; T. H. Hassard, Mimbroot, and R. Ness & Sons, Howick, Que.

Six grand performers in the senior class paraded before Mr. Wm. West, Shelburne, Vt., who tied on the frills, but the first place was retained by Saxon, the Alberta prodigy, who had already won championships at Toronto, and who was fresh from his recent victories at St. Louis, where he won over everything in his breed. He is keeping in splendid show form, and his action is both high and true, and his stride long and clean. In type he is something after the harness class, departing considerably from the pony type, but is strong and well turned. Next to him was Ness' Bell Boy, a nine-year-old horse, bred in Vermont. His bone is remarkably clean and ample, body nicely rounded, and action right. He is probably a heavier horse than Saxon, but the champion has the advantage in age (five), and is, perhaps, stronger in the back. Yeager's great stock horse, Hillhurst Sensation, though running toward the pony type, was good enough with his substance and action to win third. The fourth-prize horse, Barhope Performer, shown by Brown & Burrell, of Brampton, was much finer than those above him, and was greatly admired for his quality and stepping. The two horses unplaced, Adam Dawson's Painslack Prime Minister, and Hassard's Dainty Lord, both cracking fine individuals, put up a plucky contest.

The three-year-olds came out seven strong, but, as a class, they were far enough behind the seniors. The winner was discovered when J. B. Hogate's Thornton Royalty got a chance to show himself, for the way this fellow got up and covered the ground was something phenomenal. He is of the rangy type, possibly a little plain in the head, but good all over, and should nick well with our light road mares. The second-prize horse was found in Income, shown by W. C. Quickfall, Glenallan, an individual of great substance, nicely rounded body, smooth, and a very fair actor. Dent Dalton, Delhi, showed his Norfolk Performer, a very nice quality fellow, lacking a little in the manner of his going, but good enough to win third place. The fourth place was filled by R. Beith's Ivanhoe.

Numbers dwindled in the classes for young stallions, the two-year-olds being four and the yearlings three in number. Beith's junior champion at St. Louis, St. David, a nicely-turned, clean-boned colt, got first, and his stable companion, Cliffe Rosador, second; while Salford Roseus, a colt of remarkably fine quality, and a great goer, from Hogate's stable, had to take the orange badge.

It was Beith in the two best places again in the yearlings, Lord Meltonby, a proud goer, being first, and Mr. Dooley, a colt with lots of quality and a true mover, second; the third prize going to Square Shot, Jr., a rather ordinary-looking colt, belonging to A. G. H. Luxton, of Milton.

There were only two out in each of the sections for females until the brood mares were called. For three-year-olds, Beith got first on a nice, tidy mare, and Luxton second on one much like her.

Beith came again in the two-year-olds, with rather a heavy, low-set filly, while H. N. Crossley was given second on a more rangy type of mare.

Two Beith fillies were alone in the yearling section, while Crossley's Queen of the Party was first in brood mares, and her foal first for youngsters, with two Beith entries following in each section.

The female championship was then won by Mr. Beith's Priscilla, who was also champion female at St.

Louis. She was bred by Rawlinson Bros., of Calgary, Alta.

STANDARD-BREDS AND ROADSTERS.—There was more duplication of types in these two classes, as in the general-purpose and carriage and coach. Everyone knows a Standard-bred is essentially a roadster, and the best roadsters ever produced are Standard-bred, but the two classes gave some of the half pure bloods a chance to win big honors and good money.

The Standard-breds began well, with a very swagger class of senior stallions, headed by Miss Wilks' symmetrical, black Oro Wilk. This is one of the prettiest, and at the same time fastest, stallions that has ever graced a Toronto horse-ring. Next to him was The Bison, from Orangeville, and third went to Golden Jubilee, from Brampton.

Miss Wilks headed the next section with her Dashwood colt, Rex W., followed by I. Stanley's Lord Hunter.

The two-year-olds were no great credit to the breed. R. Davies' Earl of Chester was the only one going scound in the lot. Miss Wilks' Ordedell, owing to an accident, could not show much speed or action. The detailed prize-list is found in our Gossip columns, which makes comment unnecessary here.

In the large ring before the grand stand there was a continual show of fancy-leather horses, jumpers, saddlers, and speeding. The stables of Geo. Pepper, Al. Yeager, Miss Wilks, and several others, were represented. The championship for best carriage pair went to Pepper on Creighton and Sherman, and for best saddle horse the same exhibitor won with Tempest. The best roadster at the fair was Miss K. L. Wilks' Rhea W., one of the \$5,000 pair, and the best combination horse was Othello, owned by J. Dixon, Toronto.

Toronto pony fanciers are endeavoring to stir up interest in the little pets, and at each succeeding horse-show the pony and his admirers are more and more prominent. The best pony and pony outfit on the grounds belonged to Mrs. Chas. Wilmot, Port Hope, with Black Diamond, 13.1, a cross-breed Hackney Welsh, between the shafts.

The ten-horse strings again attracted considerable attention this year, and to make the awards more just, the heavy drafts and light breeds competed in different sections, but even this arrangement was not satisfactory for the light horse exhibitors, and much dissatisfaction was shown when Al. Yeager's string of fancy-leather horses won over R. Beith's crack lot of breeding Hackneys, for although the high-stepper is a valuable horse, judged by the standard of the millionaire's dollars, still we cannot see why he should be given a better position among breeders than such strings as Beith's Hackneys or Miss Wilks' Standard-breds.

For the ten-horse prize in heavy drafts, only Graham Bros. came out, having on the line Royal Baron, King's Crest, Yester, Baron Sterling, Discoverer, Fairy King, Moneriffe Baronet, Baron Bertram, Flower of Drye and Juliet.

THOROUGHBRED.—The old English race horses were not very strongly represented in the breeding classes. Messrs. Jos Seagram and Robt. Davies made the most of the entries, but the Davies string failed to put in an appearance, so most of the money went to Seagram, after a little competition in the older sections. The stallion best calculated to get hunters and saddle horses was pronounced to be Mr. Seagram's Connoisseur, a big, strong fellow; and the best stallion any age, Milner, from the same stable. Female championship was also won by Seagram, with Have-a-Care.

SHEEP.

In inspecting the display made by the flockmasters at the Canadian National at Toronto, one could scarcely imagine that sheep-breeders had passed through several years of depression. Doubtless many are now looking for a change of the tide, which has every indication of being most strongly verified, for a shortage in the world's flocks is reported in every land—Australia, South Africa, North America, are all short on sheep. Again, sheep products are at the highest notch that has been seen for many years, and doubtless these facts have led our sheepmen to be forehanded and prepared for a change that will lend encouragement to this industry.

Throughout all breeds and classes competition was of the keenest kind, exhibitors having spared neither expense nor work in bringing out their favorites in the best possible bloom; and it was conceded on all hands that Ontario has never made a more uniformly grand display throughout all the classes and sections.

COTSWOLDS.—In this long-established variety the competition was keen from start to finish, with a goodly number of the best sheep that could be selected at the English shows, together with a Canadian contingent of extra good development. Judges Robert Miller, A. W. Smith and V. Ficht had hard work laid out for them. A ring of five faced the jury in the section for rams over two years, and a right strong, extra-wooled lot they were, the honors being sent to Elgin F. Park, Burgessville, and John C. Ross, Jarvis. Nine grandly good shearlings came at the call for this section, honors being divided between all three contestants, E. Park, J. C. Ross and T. H. Shore & Sons, Glanworth, in the order named.

In ram lambs, a number of very large, well-developed lambs, lately imported, proved too much for the younger Canadian-bred specimens, Park winning first and second premiums, and Ross third. The aged ewe ring was also especially well brought out, the premiums again being sent to the Park and Ross flocks. Among ten shearing ewe entries the contest was strongest yet.

Although the English sheep were especially good, there was an extra good entry from the Shore contingent, with well-nigh perfect conformation and a good fleece. One judge declared her the winner, but the others ruled otherwise, faulting a slight disfigurement, and thus she was sent to second place, Park winning first and third. Ewe lambs just imported were exceedingly good, Park winning first and second, Ross third. Ram of any age was won by Park, and also premier ewe was from his flock. In pen of lambs, consisting of one ram and three ewes, bred by exhibitor, Shore was placed first and Park second.

In the open class, comprising graded flock of one ram, two ewes and two ewe lambs, Park was awarded first; while in the graded flock of one ram, two ewes and two ewe lambs, bred and owned by exhibitor, Shore was first and Park second.

LEICESTERS.—Four flocks, comprising those of A. W. Smith, Maple Lodge; Hastings Bros., Crosshill; A. & W. Whitelaw, Guelph, and Chas. F. Maw, Omagh, were forward, and each showed careful selection and attention. In a ring of eight aged rams, A. W. Smith sent in a strong sheep, showing good fleece and mutton qualities, with two good specimens brought out by Hastings and Whitelaw, the honors being given in this order. In a section of thirteen shearing rams, displaying much uniformity and quality, Smith and Hastings carried the ribbons. A strong, neatly-fitted ring of eleven ram lambs had been forwarded. Here Hastings, Smith, Maw and Whitelaw held a winner each, in the order named. Hastings, Smith and Maw carried away the premiums among the ewes over two years. Among eleven beautifully-fitted shearing ewes, Smith, Hastings and Smith won in the order named, and in fourteen ewe lambs, Smith, Hastings, Smith and Maw were declared winners.

Sweepstakes ram and ewe were found in the Smith entry, the flock premium going there also.

LINCOLNS.—There was a fine display made by the two breeders in this class. The Denfield flock, owned by J. T. Gibson, carried all the first premiums and the majority of the winnings. This flock was exceedingly well fitted throughout all the sections, and were much admired by the many visitors that thronged the alleys of the sheep building. J. H. Patrick, Ilderton, was the other exhibitor, and though not having forward the numbers usual in former years, still had some most creditable specimens.

SHROPSHIRE.—Mr. J. C. Duncan, manager of one of the leading flocks in the State of New York, had a heavy task assigned him in placing the awards among the high-class beauties that eight of the most prominent flockmasters of this breed had forwarded. These were John Campbell, Woodville; W. S. Carpenter, Simcoe; Lloyd-Jones Bros., Burford; Rich. Gibson, Delaware; Robt. Miller, Stouffville; Hon. John Dryden & Sons, Brooklin; J. G. Hanmer, Brantford, and Telfer Bros., Paris. At the call for rams over two years, four grandly-fitted specimens came forward, and visitors at the ringside made strong allusions to the superb quality of those submitted for placing. Carpenter, Gibson, Campbell, Lloyd-Jones, were drawn in the short list. The Gibson sheep was much admired, but was off in fleece, this being dry and dead, while the entry of Campbell was considered best in fleece and handling, closely followed by Carpenter and Lloyd-Jones.

Shearing rams up to twenty-two entries had been made, of which sixteen responded to the call, and, like as peas and as fine as silk, was the verdict by the on-lookers. It certainly was a strong ring. Gibson came first, on a superbly-fitted sheep, low, broad and level, and full of quality and character to boot. A capital sheep was the second-placed entry, from the Dryden flock, that certainly did credit to his feeder. Carpenter came in for third, and yet the ring was full of good ones unplaced. Ram lambs, though not so strong in numbers, were certainly select. Those imported had a combination of size, quality and character seldom approached. Carpenter, Lloyd-Jones, Telfer, Campbell, came in rotation. Among the entries of ewes over two years, Campbell carried first and second, and Carpenter third. Among a score of shearing ewes, fifteen were selected to face the judge, and again from these the judge drew out nine from which to make the final awards, and close was the contest, for never have we seen a more even lot. It seems all Shropshire breeders are after the same model. Campbell carried first and second, and Gibson third. Ewe lambs were equally good; the same uniformity, only a matter of comparison. Dryden, Carpenter and Campbell won, in the order above.

Both ram and ewe sweepstakes went to the Campbell contingent, as did the open flock prize.

SOUTH DOWNS.—Telfer Bros., Paris; Geo. Miller, Markham, and W. B. Martin, Binbrook, had forward a fine display in this breed. However, the fresh importations of the former proved too strong for the other flocks, although these were nicely brought out. Telfer Bros. had selected the best procurable, from such noted English flocks as those of Hammond, Henty, Adean and Berner, which, together with a few of their own breeding, formed an array that the others could not defeat, and doubtless kept many other old-time exhibitors of the breed from putting in an appearance.

OXFORDS.—This class was remarkably strong, as that most successful importer, Henry Arkell, of Arkell, had strengthened his flock with some models of the breed selected from among the best English breeders. His sheep were very much admired for their great size and uniformity of type and quality, only reached by one who has a knowledge of the breed. The Arkell flock

carried all the first premiums in the sections, the sweepstakes for ram and ewe, and the open flock premiums, while the other exhibitor in the class, J. W. Lee & Sons, Simcoe, carried the two Canadian-bred flock premiums and several prizes in the sections.

DORSET-HORN SHEEP.—Four flocks were represented of this sort; these being forwarded by John A. McGillivray, Uxbridge; R. H. Harding, Thorndale; G. M. Carnochan, Hudson, N.Y., and A. G. H. Luxton, Milton, and again the English entries were very successful. The Uxbridge flock was composed of those recently brought out.

HAMPSHIRE DOWNS.—Here Telfer Bros. won everything in sight, they having brought these over the sea with the other sorts, selected by one of the firm, they having a representative in each of the sections.

SWINE.

The swine exhibit at the Canadian National Exhibition was more extensive than usual. Very many times each day the question was asked, "What is the weight of the heaviest hog at the exhibition?" The answer generally was about 1,000 pounds, and the individual referred to was D. C. Flatt & Son's aged Yorkshire sow. The pens were all comfortably filled, 415 entries being catalogued, the Tamworths heading the list in point of numbers.

THE BERKSHIRE entries numbered over 100; the quality was scarcely up to the average. In aged boars three were brought out, W. H. Durham and W. B. Cockburn being the competitors; first and second went to the former, the first-prize one also being selected for sweepstakes. Only three boars of fair quality came out in the yearling class. The under-twelve-months class was better filled, seven being shown. Durham was again successful in landing the first and second premium, but in our opinion Wilson's third-prize hog had more quality than the second-prize winner, although he was not so highly fitted. Boars under six months were a better lot, ten in number. In this class W. Wilson, Brampton, landed the first, on a very nice-quality pig; Thos. Teasdale securing second and third upon very nice pigs, that had a young appearance.

In sows over two years, Durham secured all the prizes, on very good individuals. In the yearling class there was a good bunch; Durham secured first and second, Cockburn third, on one that looked to some to be the best in the ring. Wilson also had a very nice sow. Under twelve months a good bunch again came forward, the winnings going to Durham and Wilson. In the class under six months, ten very good ones were brought out. This was the best lot in the Berkshire exhibit. Wilson carried off first, second and third in this class, and Teasdale fourth, upon very smooth, nice stuff. These same two exhibitors won in the order named the prizes for four pigs, the get of one boar, and four pigs produce of same sow, bred by exhibitor. For herds, the first, second and third prizes were awarded to Durham; sweepstakes for sow also went to him.

YORKSHIRES were perhaps the best exhibit in the swine department. In aged boars, D. C. Flatt & Son won all three prizes, upon a very good lot. Duke of York being an extra good hog, was an easy winner of first place. In the yearling class the prizes went to Flatt & Son, Duck & Son, and Featherston & Son, respectively, upon three good hogs; Duke of York 2nd, a meaty, deep-sided fellow being first. It was from the class under twelve months that the sweepstakes boar was selected from the Flatt herd. This hog is a model Yorkshire, home bred. He is sold to go to St. Louis, and it will take a choice one to beat him. It is to be regretted that such a hog could not be retained in Canada, to still further improve the stock of the country. Flatt's entries were also equally strong in sows, especially in the older classes. Their aged sow would weigh upwards of 1,000 pounds, without any particular roughness.

Jos. Featherston & Son, well-known breeders and exhibitors, were also in the ring, with a bunch of good hogs that won several important prizes. This herd was scarcely in as high fit as some of their competitors; however, they are all the better for that as breeding stock. R. F. Duck & Son also had a good exhibit, and won a fair share of the prizes. Among the number was second on yearling boar and first on sow under twelve months, as well as several third and fourth prizes.

Jas. E. Keough, of Rockwood, had a small exhibit of very good stuff out, winning second, third and fourth in classes under six months. They should have stood a good chance of winning in the groups of the get of boar and produce of sow bred by exhibitor, had there not been some mismanagement, for which Mr. Keough was not responsible. Jas. Wilson & Sons, Fergus, and Richard Gibson, Delaware, also had out good bunches of sale stuff, not especially prepared for exhibition.

TAMWORTHIS.—The Tamworth exhibit was a large one. Several different types were brought out, and some of the exhibitors claim that the judges did not stick to any particular type in making their awards, sufficient to give an ideal to go by in preparing for future exhibitions. The exhibitors were Colwill Bros., Newcastle; A. Elliott & Son, Galt; B. Hoskin, The Gully; D. Douglas & Son, Mitchell, and H. German, St. George. In aged boar, Elliott & Son won first on a very good, smooth hog, with the old sweepstakes winner, Colwill's Choice, a close second. This latter boar has won champion at Toronto for several years. Third and fourth went to Douglas and Hoskins respectively. In the yearling class, Douglas won first, Hoskins second, German third, and Colwill Bros. fourth. Boars under

twelve months, Elliott won first, Hoskins second, and Colwill Bros. third; under six months, Colwill Bros. secured first, second and fourth, Douglas & Sons third. In sows over two years, the judges gave Douglas & Sons first and second, but they did not decide which one of them was entitled to the first. However, we think most Tamworth judges would have left the one out altogether, as she is very heavy in the shoulder, and carried too much flesh or fat to be an ideal bacon hog producer. In yearling sows, a very good lot came forward; Douglas & Sons won first on a good sow that has good weight, not so much inclined to fatness. Elliott & Son was second and third, with Colwill Bros. fourth. The under twelve months class was a very good one, Colwill Bros. won first and fourth, Douglas & Sons second and third, although Hoskins should have been within the money here, as he had a typical Tamworth of nice quality. The under six months class was a good class. Colwill Bros. winning first, second and fourth, Douglas & Sons third. Elliott & Son captured the herd prize for boar and two sows, any age, Colwill Bros. second, Douglas & Son third and fourth. For get of boar, four pigs, bred by exhibitor, Colwill Bros. won first and second; also first and second for four pigs produce of same sow, bred by exhibitor. B. Hoskins had out a very nice herd of useful animals.

CHESTER WHITES.—The Chester White class was represented by two exhibits, viz., D. DeCoursey, Bornholm, and W. E. Wright, Glanworth, who brought some very good things out, showing steady improvement along bacon-type lines. In aged boars, Wright won first, DeCoursey second and third; but to some minds, the second-prize hog is the best of the lot. Wright again scored first, and DeCoursey second in yearlings. In boars under twelve months, the Bornholm herd was first and the Glanworth herd second and third; under six months, DeCoursey was first and second, Wright third. In sows over two years, Wright was first, on a very good one, DeCoursey winning second and third. In yearlings, the awards were reversed, as they were also under twelve months. Under six months, DeCoursey won all three prizes. Wright won the herd prize, with DeCoursey second and third. DeCoursey won first and second, and Wright third in both the classes mentioned below, viz., four pigs under six months, the get of one boar, bred by exhibitor, and four pigs under six months, the produce of same sow, bred by exhibitor.

OTHER DISTINCT BREEDS.—In other distinct breeds the Duroc-Jerseys and Essex faced the judge. They were of very fair quality; the Essex being more fortunate than their competitors. The exhibitors were W. M. Smith, Scotland, and Jos. Featherston, Streetsville. In bacon hogs, twelve lots faced the judges. They were a high-class lot, but several of them would perhaps have been ruled out had they been put on the scales. The Yorkshires were given the tickets, Flatt & Son first and fourth, Featherston second, Duck & Son third and fifth. The Tamworths, Berkshires and Chesters were also represented in this class.

The judges in the different classes were as follows: Bacon hogs—Dr. Smale, Toronto; M. Cumming, Guelph; Thos. Teasdale, Concord. Yorkshires and Tamworths—R. J. Garbutt, Belleville; Thos. Teasdale, Concord. Berkshires—R. Vance, Ida; J. L. Clark, Norval. Chesters and other distinct breeds—Major G. B. Hood, Guelph.

JUDGING COMPETITION.

Interest was intensified in the judging competition this year, if numbers of competitors are any indication of interest. Altogether there were about forty competing. Two-year-old draft fillies, beef cattle, dairy cattle, sheep and bacon hogs were judged, there being four prizes in each class, donated by the Massey-Harris Co. Following is the list of successful contestants:

Heavy draft fillies—1, W. J. Gardhouse, Highfield; 2, John Miller, Balsam; 3, H. Mayberry, Ingersoll; 4, W. T. Baker, Solina.

Dairy cattle—1, R. H. Williams, Dundalk; 2, James Ferguson, Dalmeny; 3, Jas. Mackenzie, Queen's Hill; 4, Alfred G. Crawford, Oro Station.

Beef cattle—1, Jas. Watt, Salem; 2, John Miller; 3, D. H. Jones, Guelph; 4, A. S. Gardhouse, Highfield.

Sheep—1, R. H. Williams; 2, J. A. Telfer, Paris; 3, Jas. Mackenzie; 4, J. C. Ross, Jarvis.

Bacon hogs—1, R. H. Williams; 2, D. H. Jones, Guelph; 3, C. B. Speers, Salem; 4, W. J. Lennox, Newton-Robinson.

DAIRY NOTES FROM THE FAIR.

Before speaking of the dairy exhibits or butter competition, a few remarks about the dairy building and equipment may not be out of place.

The building looks like a substantial stone structure from the outside, but is, in reality, built of concrete-cement blocks. Each block being hollow, there is practically a dead-air space in the walls, which prevents heat from penetrating or dampness from accumulating upon the walls into curing or storage rooms. These cement walls are economical to purchase, and could be used to advantage throughout the country for factory or creamery building purposes. The floors are also of cement, and there is an excellent system of artificial cold storage installed. All together, the building and equipment of the dairy department is quite complete, and ought to be carefully inspected by all interested in dairy work.

There was a very good display of cheese, rather more white than colored. In fact, the white seemed to have first place, both in regard to number and quality, it being a white cheese that took first prize and the silver cup presented by the

NOTES AND NEWS.

Association also. The T. Eaton Co. bought up the entire white cheese exhibit, which would indicate that the favor of the city people inclined toward the pale color.

The best collection of factory cheese went to Western Ontario, but the score all through was fairly high. Some years ago a prize was offered at the Guelph Dairy School for a perfect finished cheese. It was never won by anyone, however, and judging by the careless finish of all classes, it never will be. As so much attention is paid to dainty finish in butter, why not pay more attention to a neat, attractive finish in cheese?

The first prize in butter went to St. Hyacinthe, Que. There was an especially good exhibit of butter, all classes making a good score, but Ontario does not make so good a showing in butter as in cheese.

The dairy competition is proving more interesting year after year, and it is watched by large numbers during the entire contest. Great is the astonishment, and many are the remarks of people from Toronto and other cities as they watch the skillful, dainty movements of the contestants.

Below is given the results of the buttermaking competition:

SUCCESSFUL COMPETITORS.

Open to Students.—First, W. M. Waddell; second, Miss M. L. Green; third, Miss Ethel Hewson; fourth, Geo. E. Knight.

Farmers' Wives and Daughters.—First, Miss Maude Parkinson; second, Miss A. E. Orr; third, Miss E. A. Valens; fourth, C. E. Rogers.

Free-to-All, on Wednesday.—First, Miss A. S. Orr; second, Miss M. Parkinson; third, Miss E. A. Valens; fourth, L. A. Jaynes.

Free-to-All, Thursday.—First, Miss M. L. Green; second, W. M. Waddell; third, T. E. Knight; fourth, Miss N. Hunter.

POULTRY.

Poultry at the Toronto Show.

The poultry exhibit this year exceeded in numbers any previous year, the number, including all classes, being 2,994, the highest number of entries being in White Wyandottes, 84, 73 in Buff Orpingtons, 69 in White Rocks, 63 in White Leghorns, in Brown Leghorns 54. There was quite a reduction in B. P. Rocks, only 52 being shown.

The number of turkeys shown was very small compared with former years. On account of the cold, wet spring very few first-class early birds were raised, and the leading breeders are holding their best young birds for the great O.P.A. Show at the Guelph Winter Fair in December. They claim that it injures the young birds, cooping them for nearly a fortnight. The only exhibitors in M. Bronze were Messrs. Jas. Ford & Sons, Drumquin, and W. J. Bell, of Angus. The former had some very fine birds, carrying off the first prize with a very large bird of good plumage, heavy bone—a typical Bronze turkey. Mr. Bell had also some good ones, carrying off the first prize on a very fine hen. The only exhibitor in White Holland turkeys was W. B. Cockburn, Hamilton. In turkeys A. O. V., F. Wales, Milton, and Telfer Bros., Milton, were the exhibitors.

The exhibit of geese and ducks was both large and good. In Toulouse, Colwell, Paris Station, carried off the bulk of the prizes. Bogue, London, had some fine large birds. In Embden geese, Colwell, Baker Bros., Guelph, and Tilt, of Doon, had some very fine specimens. In A. O. V. geese, Colwell again took the lead, with very fine specimens of Chinese and African. Telfer Bros., Tilt and Wales had also good ones.

In Pekin ducks, Colwell, Bogue, Baker Bros., G. I. Lawrie, Kleinberg, carried off the prizes. In A. O. V. ducks, the Indian Runners seemed to be the greatest in numbers, and they claim that they lay more eggs than any other breed. Baker Bros. showed a pair of fine large Muscovy ducks. Furninger, St. Catharines, took first on Indian Runners. Wales, Hilton, had some good birds in this class. In Aylsbury, Colwell, Bogue and Wallace were the prizetakers.

There were some fine specimens of both light and dark Brahmas. Tossy, of Hamilton; Pickard, Drumbo, and Rev. Father Geoghegan, of Hamilton, won the bulk of the prizes in the Light class, and in the Dark, G. I. Lawrie, Kleinberg; L. C. Sage, London; C. A. R. Tilt, Doon; Hoover & Nighswander, Markham, were the prize-winners. In Barred Rocks, J. K. Millard, Dundas, got first on cock, being in better plumage than the second bird, although he was a very fine, plump bird, with good barring, and when in better plumage may beat the first. J. R. Boyce, London, had some fine specimens in this class; Thomson, Toronto, and Hockin, London, also. Millard, Dundas, carried off the challenge trophy. In White Rocks, J. J. Winshall, Brantford, seemed to have got the bulk of the prizes. In Buff Rocks, J. R. Boyce, London, had the best. The show of White Rocks was very fine. Thos. Rice, Whitby, had some excellent specimens; also, J. A. Andrews, London. Daly & Dill, Seaforth,

had also good ones. W. H. Bessy, Coleman, and Mrs. T. A. Thompson, Marmora, were also exhibitors in this class. In White Wyandottes, W. Trinnel, Scarboro Junction; Rev. Thos. Geoghegan, Hamilton; John S. Martin, Port Dover, had good ones, the latter getting the cup for four best, any color. The Buff Cochins were well represented by Hugh Wyatt, London, who got the bulk of the prizes. The French breeds, Houdan, La Fleche, Creve Cœur, were shown by Bogue, Strathroy; Oke, London; G. J. Lawrie, Kleinberg, and J. H. Beck, Kingston. The Dorkings were represented by Bogue, London; Readwin, Guelph; S. D. Furninger, St. Catharines, and J. McKee, Norwich, and W. G. McFarlane, Weston. For a table bird the Dorking cannot be beaten. In Black Langshans, H. Ransthoring, Hamilton, and in Black Cochins, Slessor & Cracken, seemed to be the prizetakers. C. R. Tilt, Doon, had some good birds. In Partridge Cochins, Murray, Strathroy; Oke, London, and Wales, Milton, were the winners. In White Cochins, Wyatt, London; W. G. Murray, and Readwin, Guelph, had the best birds. W. J. Teale, Guelph, had the finest W. Langshans. In Silver Wyandottes, Jas. Arthur, London; Wm. Trinnel, Scarboro Junction; Readwin, Guelph, were the prizetakers. In B. Minorcas, the best birds were shown by Wales, Milton; Durston, Toronto; Norrie, Marmora. In Buff Orpingtons, W. R. Kerr, East Toronto; Dr. J. S. Niven, London; H. A. Hoffman, Ridgetown; N. McCosh, Pt. Dover; C. J. Daniels, Toronto, the latter carrying off the prize for the collection. In B. Orpingtons, H. A. Hoffman, S. D. Furninger, C. J. Daniels, were the prizetakers. In G.-laced Wyandottes, C. J. Daniels, and in S.-laced, H. E. Wray, London, got the most of the prizes. In Buff Wyandottes, Rev. S. T. Bartlett, Colborne; W. G. Murray, Strathroy, and Thos. McCabe, Toronto, had the best. In Black, Oke and Bogue were the winners. Mrs. Jas. Ford, Drumquin, got the prize for the best pair of P. Rocks or Wyandottes. In Andalusians, N. Cosh, Pt. Dover, and Thos. Wardell, Woodstock, were the winners. They claim they are excellent layer of fine, large eggs. In the Poland classes, Oke, McNeil nad Bogue, of London, carried off the bulk of the prizes. The Games were represented by Tyson & McMaster, Guelph, in B. Red; also, James, St. Thomas; Telfer Bros., Milton; Dewar Bros., Milton. B. Sumatra Game, C. J. Daniels, Toronto. Indian Games were good. J. W. Nixon, Woodbank; N. Topping, Woodstock, had some fine birds. They claim they are the best for crossing with the large breeds for a first-class table fowl. G. J. Bogue, Strathroy, seemed to be the only exhibitor in Black Spanish.

The show of pigeons was very large; also, Belgian hares, rabbits, guinea pigs, etc., bantams, all varieties, canary birds, one solitary magpie (English), and a parrot.

The judges were: For turkeys, Jas Anderson, Guelph; for water fowl, L. G. Jarvis, Montreal; Butterfield, Windsor; Burnet, Toronto, and Smelt, Woodstock, for other breeds.

Mr. Daniels, Toronto, showed six incubators, two in operation, and two brooders; also, poultry supplies of all kinds. Dr. Bell was very attentive and obliging in giving all information, and seems to be the right man in the right place.

EVENTS OF THE WORLD.

Mr. Kemp, a cousin of General Kemp, the Boer commander, has discovered in the Northern Transvaal the treasure removed from Pretoria before its occupation by Lord Roberts. The treasure, of which the Government will get one half, is estimated at \$1,250,000.

The Irish Reform Association has adopted a platform for the association which, while maintaining that the parliamentary union of Great Britain and Ireland is essential to the political stability of the Empire and the prosperity of the two islands, advances the opinion that Ireland needs a greater measure of local rule. It also, among other reforms, advocates the taking of steps to secure higher education in Ireland.

Since the retreat of General Kuropatkin to Mukden, there is a dearth of news from the Far East, the despatches consisting, mainly, of additional items concerning the recent operations at Liaoyang, and a few unconfirmed rumors, such as that, for instance, which states that General Kuroki has been killed. Whether this silence in regard to all authentic news indicates, as at some other periods of the war, that fighting is again in progress, or that the wearied armies of the north are securing a brief respite, remains to be seen. At Port Arthur a short intermission in the bombardment took place during the past week, the Japanese, after losing 15,000 men during the last few days of the attack, having decided to hold off for a short time, in preparation for the grand final assault, which is, in all probability, in progress at the present time. The Baltic fleet set sail from Cronstadt on Sept. 11th, but the Japanese will, doubtless, succeed in frustrating its attempt to unite with the remnant of the Russian squadron still at Port Arthur.

The war in Manchuria has already cost Russia \$462,000,000.

Five men were killed by the explosion of a threshing engine boiler on a farm near Brice Lynn, Man., recently.

The Trans-continental Railway Construction Commission will send out twenty-seven surveying parties immediately.

One thousand tons of steel rails have been shipped from the Sault works to Montreal for the Intercolonial Railway. This is the first shipment since the reopening of the works.

Willoughby, of Australia, and Ching, of New Zealand, made the top scores in the Governor-General's match at the recent Dominion Rifle Association meeting at Ottawa.

Mr. F. W. Thompson, Vice-president of the Ogilvie Milling Company, announces, in a special despatch to the Globe, that crop reports from all the agents of the company in the West are in, and the estimate of fifty-eight to sixty million bushels is confirmed.

The people of Manitoulin Island are much interested in oil indications around Manitowaning Bay, and oil men are feeling much encouraged at the prospect of success in this line in the early future.

A swimming contest between meat-eaters and vegetarians at Toronto, recently, resulted in a decided victory for the vegetarians. During their last week of training the vegetarians' diet consisted of such food as pea butter, peanuts, and raw fruit.

A despatch from Calgary says: A mountain of hard coal has been purchased by P. Burns & Company for \$320,000. The property is in the Misty Range, 46 miles west of Okotoks, Alta., and comprises 16,000 acres. It was discovered by an explorer, Julius Rickart, an old-time prospector.

The live-stock handlers and other butcher workmen in Chicago are finding much difficulty in getting their places back, now that the strike has been declared off. About 53,000 persons were involved in the strike, which cost \$5,100,000 in wages and \$7,500,000 in loss of business. The men lost all along the line.

The exploration party at present camping along the Abitibi River, reports areas of good, strong soil, heavily wooded with spruce, balsam and birch, in that vicinity. Frosts were recorded on July 22nd, July 23rd and August 14th, but the opinion of the party is that when the country is cleared the climate will moderate.

The Canadian Pacific Railway authorities have been experimenting for some time past with a train telephone, which is now perfected, and which they have decided to adopt generally. The great advantage will be that in case of trouble the trainmen can communicate with the despatcher, and he can not only protect the train, but send assistance promptly.

Mr. D. McColl, General Manager of the C. P. R., stated recently that the company intends in future to make a special effort to induce the small tenant farmers of the north of Scotland to come out and take up land in the Canadian Northwest. The careful, hard-working Scot of this class should prove to be a most desirable immigrant.

An awful tragedy occurred near Fredericton, N.B., on September 4th, when the house of a farmer, Alfred Jewett, was destroyed by fire, six of the inmates perishing in the flames. The catastrophe was due to a defective chimney. This terrible object lesson should be a warning to people, especially those who live in old houses, to have their chimneys examined at frequent intervals, and any necessary repairing done. If more care in this line were exercised about every house, chances of fire, with its attendant loss of property and life, would be greatly lessened. Look to your chimneys.

The report of the Board of Health of Ontario for July of this year shows a marked decrease in all diseases, with the exception of tuberculosis, in which an increase of forty deaths is shown, as compared with those of the same month last year. This report is but one more object lesson added to the many which go to show that the death rate from the white plague will not decrease until people have learned universally to take up arms against it, by exercising greater caution about exposing themselves to the disease; by better ventilation of houses and sleeping apartments, and by taking care to live more hygienically in all other respects. In this, as in all other diseases, prevention is better than cure.

P. E. Island.

At this date, September 1st, the most of the grain harvest is gathered in. The oat crop will not be more than two-thirds of an average one. On the best farms it is only fair, while on the poorer lands it is so short that most of it could not be harvested with the binder, and had to be cut with the hay mower. Wheat is a fairly good crop, not up to an average, and in some cases is considerably rusted. This is especially true of the later sowings. There is a very poor showing of clover in land seeded this spring.

We have had one of the driest and hottest seasons on record. There was very little rain from the middle of June to the middle of August. We had a fair share of rain up to June 15th, but the weather till then was so cold that there was little growth; then the extreme heat beginning the latter part of June, combined with

the drouth, resulted in a poor crop of both grass and grain. The land is still very dry, but the few showers we have had during the last two weeks have helped the potato and root crops very much. Potatoes will be about up to the average in yield, and there is no appearance of rot yet. The root crop of the Island will be small, on account of the ravages of the grubs in the early part of the season. Pasturage is exceedingly poor, no aftergrass to speak of. The milk supply at the dairy stations is getting pretty small, and this, combined with the low price prevailing for cheese, will make a very poor season for the dairyman.

The new market house in Charlottetown, built to replace the one destroyed by fire over a year ago, has been opened. It is a very fine building, constructed of our Island red sandstone, and cost about \$40,000. It will be a great convenience to both farmers and city customers. We are expecting one of the best exhibitions this month ever held here. The dates of the leading Maritime exhibitions are so arranged as to form a circuit this year, and we will have quite a number of stock exhibits from both Nova Scotia and New Brunswick. Secretary Smallwood reports a great number of entries already in.

The apple crop of the Island is as heavy as we ever had, and the quality A1. We have noticed very little spot on apples, even the Fameuse being almost clean. The plum crop is not so good. A good deal of young stock is going to the butcher just now, as winter feed will be scarce. Hay now sells as high as \$14 per ton.

W. S.

Sees 50,000,000 Bushels.

Winnipeg, Sept. 9.—Weather continues warm and fine, giving a great impetus to harvest operations throughout the West. Theo. M. Knappen, Secretary of the Western Canada Immigration Association, has returned after a week's tour of the wheat-growing districts of Manitoba. Having heard various conflicting reports of damage by rust, he decided to make a personal inspection. Rust has appeared very generally throughout Manitoba, south of Neepawa, but not in the Territories. The damage, however, is greatly overestimated. As a result he submits the following figures:

Provinces.	Acreages.	Bushels.	Average per acre.
Manitoba	2,380,000	33,950,000	14.36
N.-W. T.	1,020,000	16,480,000	16.00

He estimates the crop of wheat at over 50,000,000 bushels, worth over \$42,000,000. More money will be paid out for wheat than ever before in the country's history.

MARKETS.

Wheat marketing has begun again, and in districts where the crop was good the magic price of "one dollar" quite frequently rules. Packers continue to reduce the price of hogs without any justification whatever, except that they can get what they want at lower figures. The excuse offered is the same old cry of lower prices in England; but it requires no great business insight to see how little effect Old Country quotations can have on products to be marketed some months hence.

TORONTO LIVE-STOCK MARKET.

Export cattle, \$4.70 to \$5.12½ per cwt., according to quality.
 Butchers'—Choice, \$4.25 to \$4.60; medium, \$3.80 to \$4; common, \$3.25 to \$3.40; inferior, \$2.75 to \$3.
 Feeders—Extra choice, \$4.25 to \$4.50 per cwt.; good, \$3.75 to \$4; fair, \$3.25 to \$3.50.
 Stockers—\$3 to \$3.25 per cwt.; common, \$2.50 to \$2.75.
 Milch cows from \$28 to \$60 each.
 Calves, \$4 to \$5.50 per cwt.
 Sheep, \$3.75; lambs, \$4.50 to \$4.75 per cwt.
 Hogs—Selects, \$5.25; lights and fats, \$5.
 London Ont., quotes the same for hogs.

GRAIN AND PRODUCE.

Toronto Wholesale Prices.

Wheat—The market is firmer. Old No. 2 red and white are quoted at \$1.05 to \$1.06, and new No. 2 red and white at \$1.02 to \$1.03, west or east. Goose is steady at 92c. for No. 2, east. Spring is steady at 96c. for No. 2, east. Manitoba wheat is higher, at \$1.07 for No. 1 northern, \$1.04 for No. 2 northern, and \$1.01 for No. 3 northern, at Georgian Bay ports, and 6c. more grinding in transit.
 Mill Feed—Is steady, at \$17.50 to \$18 for cars of shorts, and \$13.50 to \$14 for bran in bulk, west or east. Manitoba mill feed is steady, at \$19 to \$20 for

cars of shorts, and \$17 to \$18 for bran, sacks included, Toronto freights.

Barley—44c. for No. 2, 42c. for No. 3 extra, and 42c. for No. 3, west or east.

Rye—58c. to 59c. for No. 2, west or east.

Corn—Is firm. Canada is nominal at 52c. for cars, west. American is firm at 62½c. for No. 2 yellow, 61½c. for No. 3 yellow, and 60½c. for No. 3 mixed, in car lots, on the track, Toronto.

Oats—Are easier. New No. 2 white sells at 32c. low freights, and some ask 32½c. Old are a little lower, at 33c. for No. 1 white, and 32½c. for No. 2 white, bid east.

Peas—Are steady, at 63c. to 64c. for No. 2, west or east.

Beans—The market is quiet. Quotations are, \$1.25 to \$1.35 per bushel for prime, and \$1.45 to \$1.50 for hand-picked.

Baled Hay—The market is easy in tone, owing to the heavy offerings of new. Quotations are, \$7.50 to \$8 per ton for car lots on track here.

Baled Straw—Is firm in tone, and quoted unchanged at \$5.75 to \$6 per ton for car lots on track here.

Potatoes—Are offering more freely, and the market has an easier tone. Quotations are about steady, at 60c. to 70c. per bushel.

Butter—Is fairly steady in tone. Receipts continue large, but for the better grades the demand is good. Quotations are:

Creamery, prints	19c.	to 20c.
Creamery, solids	18c.	to 19c.
Dairy tubs, good to choice	13c.	to 14c.
Dairy, inferior grades	9c.	to 10c.
Dairy, pound rolls; good to choice	15½c.	to 16c.
Dairy, medium	13c.	to 14c.
Dairy, inferior	10c.	to 12c.

Cheese—Outside points report a slightly easier tone, but the market here is steady, and quoted unchanged at 9½c. for twins, and 9½c. for large.

Eggs—Are quoted unchanged, at 18c. per dozen for new laid. Receipts are about large enough to fill the demand, but there is no accumulation.

Honey—The supply is limited, but receipts here are fair. Quotations have a slightly higher tone, at 7c. to 7½c. per pound for strained, and \$1.50 to \$2 per dozen for combs.

Poultry—The demand is still good, but the stocks offering are larger, and the market is easier in tone. Spring chickens are quoted at 13c. to 15c., and old birds at 9c. to 10c.

Fruit—

Lawton berries	\$0 07 to \$0 10
Huckleberries, basket	1 00 to 1 10
Peaches, white flesh, basket	40 to 60
Peaches, yellow	60 to 1 25
Apples, basket	20 to 25
Apples, barrel	1 50 to 2 00
Pears	35 to 50
Plums	40 to 75
Canadian cantaloupes, 24-quart.	25 to 40
Grapes, Moore's Early	30 to 60
Grapes, Champions	20 to 50

Montreal Wholesale Prices.

Montreal—Grain—There is no alteration in the general condition of the grain market. Export business in nearly every department is practically stagnant. A good inquiry still exists for oats for local use, but the receipts are still not equal to the demand. No. 2 white in car lots sell at 41c., and No. 3 at 40c. per bushel ex-store. There is a slow demand for rye, barley and peas. Export goods are quoted: No. 2 white oats, 37½c. afloat; No. 2 peas, 73c.; No. 2 rye, 62½c.; No. 2 barley, 50c. to 50½c.; No. 3 extra, 49c. to 49½c., and No. 3, 48c. to 48½c. afloat.

Mill Feed—Bran is now quoted at \$19, and shorts at \$21 per ton, including bags. All lines of mill feed are in good inquiry. Manitoba bran in bags, \$18 to \$19; shorts, \$20 to \$21 per ton. Ontario bran in bulk, \$17; shorts, \$20, and mouille, \$24 to \$28 per ton, according to quality.

Baled Hay—No. 1 is quoted at \$8.50, No. 2 choice at \$7.50 to \$8, No. 2 ordinary at \$7 to \$7.50, and mixed clover at \$6.50.

Eggs—A good demand continues for straight-gathered stocks, at 17½c. to 18c., while selected stock is in fair demand at 20½c. to 21c.

Beans—Choice car lots are selling better at from \$1.30 to \$1.35, and primes at \$1.25 per bushel.

Cheese—The market has been rather firmer, but is easier now. On late business as high as 9½c. has been realized, but the market was under that level to-day for finest. The demand is by no means large.

Butter—Trading has been mostly in Quebec creamery at a range of 18½c. to 18½c., with under-grade goods ranging nominal, but it would be difficult to induce buyers to concede more than 19c.

Cheese Markets.

Ingersoll, Sept. 6.—At the cheese market held here to-day 362 boxes last part August make offered. Sales, 62 boxes at 9c.

Woodstock, Sept. 7.—To-day there were offered 565 boxes of white and 478 boxes of colored cheese. The price bid was 8½c. There were no sales.

Picton, Sept. 7.—Thirteen factories boarded 1,020 boxes, all colored; highest bid, 9c.; 245 sold.

Brockville, Sept. 8.—2,471 boxes were registered, 633 white, balance colored; 8½c. bid; no sales on board.

Kingston, Sept. 8.—1,179 cheese were boarded, 462 white, balance colored; highest bid, 8½c.; none sold.

Vankleek Hill, Sept. 8.—1,215 boxes of white and 100 boxes of colored cheese boarded. Bidding was opened at 8½c. for white and 8½c. for colored, which was the highest figure offered, and at that price only 254 boxes of cheese sold on the board. The rest of the patrons would not sell at above figures, so privilege was given to sell on the street.

Winchester, Sept. 8.—1,060 cheese were boarded here to-night, of which 414 was colored and the balance white; 8½c. was bid for white and colored.

Kingston, Sept. 8.—1,230 boxes boarded. Bidding opened at 8½c. and advanced to 8½c., but this figure the salesmen refused on the curb. Half the cheese sold at latter figure.

Napanee, Sept. 9.—1,900 boxes boarded, 680 white and 1,220 colored. Sales, 275 white and 400 colored, at 8½c.

Perth, Sept. 9.—2,200 boxes boarded to-day, 1,700 white and 500 colored; 8½c. offered; none sold.

Iroquois, Sept. 9.—790 colored cheese were offered here to-day; 8 11-16c. bid. A few sales on curb at this price.

Brantford, Sept. 9.—Offerings on the cheese board here to-day, 2,240 boxes. No sales.

Ottawa, Sept. 9.—There were 1,264 boxes of white and 595 colored boarded on the Ottawa cheese board to-day. The highest offered was 8½c. for colored, 8½c. for white. There were no sales.

South Finch, Sept. 9.—This evening 1,300 boxes were boarded, 600 colored, balance white. Price offered 8½c. for white, 8½c. for colored; none sold.

Kemptville, Sept. 9.—Just one lot of cheese changed hands on the board here to-night. The usual buyers were present, and 8 13-16c. was the highest bid.

Chicago Markets.

Chicago.—Cattle—Good to prime steers, \$5.60 to \$6.15; poor to medium, \$3.50 to \$5.25; stockers and feeders, \$2.25 to \$3.85; cows, \$3.30 to \$4.40; Texas-fed steers, \$2.50 to \$3.50; Western steers, \$3 to \$4.60.

Hogs—Mixed and butchers', \$5.25 to \$5.85; good to choice heavy, \$5.50 to \$5.80.

Sheep—Good to choice wethers, \$3.50 to \$4.50; fair to choice, mixed, \$3 to \$3.60; native lambs, \$4.25 to \$6.00.

London Hog Prices.

Prices for live hogs, for Thursday morning, Sept. 15th, delivered at the Canadian Packing House in Pottersburg (London, Ont.), are: \$5.25 for 160 to 200 lbs.; \$5.00 for hogs over 200 lbs.; \$5.00 for hogs under 160 pounds.

British Markets.

London.—Cattle are steady at 10c. to 12½c. per pound; refrigerator beef, 9c. per pound. Sheep, 10½c. to 12½c., dressed weight.

Bean Market.

Detroit.—Beans—Cash, \$1.57; October, \$1.62 bid; November, \$1.56 bid, \$1.59 asked.

Information and Views.

I enclose postal note for \$1.50 to pay my subscription to the "Farmer's Advocate and Home Magazine" for 1904. I was much interested in the information and views which you gave of B. C. DUNCAN C. McFADYEN. Victoria Co.

Veterinary.

Injury to neck1258

GOSSIP.

From Mr. F. L. Houghton, Secretary and editor of the Holstein-Friesian Herd-book of America, Brattleboro, Vt., we have received a copy of volume 22 of their record, a very complete and handsome compendium of information for breeders of the great black-and-white dairy breed. It contains the pedigrees of 2,476 bulls and 5,566 cows. The records of bulls and cows are tabulated separately.

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"I come, the year waits me; I come
to bestow
The ripe fruits that melt and the colors
that glow:
The gems of the sunset, the gold of the
leaves,
The joy of the grape, and the wealth
of the sheaves."
—Alford.

THE LEAVENWORTH CASE

By A. K. Green.

BOOK I.—THE PROBLEM.

CHAPTER I.

"A Great Case."

I had been a junior partner in the firm of Veeley, Carr & Raymond, attorneys, for about a year, when one morning, in the temporary absence of both Mr. Veeley and Mr. Carr, there came into our office a young man whose whole appearance was indicative of haste and agitation.

"I have come to see Mr. Veeley; is he in?"

"No," I replied; "he was unexpectedly called away this morning to Washington; cannot be home before to-morrow; but if you will make your business known to me—"

"To you, sir?" interrupted he, turning a very cold but steady eye on mine; then, seeming to be satisfied with his scrutiny, continued: "There is no reason why I shouldn't; my business is no secret. I came to inform him that Mr. Leavenworth is dead."

"Mr. Leavenworth!" I exclaimed, falling back a step. Mr. Leavenworth was an old client of our firm, to say nothing of his being the particular friend of Mr. Veeley.

"Yes, murdered; shot through the head by some unknown person while sitting at his library table."

"Shot! murdered!" I stared at the man beside me, half incredulously.

"How? When?" I gasped.

"Last night. At least, so we suppose. He was not found till this morning. I am Mr. Leavenworth's private secretary," he explained, "and live in the family. It was a dreadful shock," he went on, "especially to the ladies."

"They are all alone," continued he in a low business-like way I afterward found to be inseparable from the man; "the Misses Leavenworth, I mean—Mr. Leavenworth's nieces; and as an inquest is to be held there to-day, it is deemed proper that they should have someone present capable of advising them. As Mr. Veeley was their uncle's best friend, they naturally sent me for him, but he being absent, I don't know what to do or where to go."

"Well," replied I, "I am a stranger to the ladies, but if I can be of any assistance to them, my respect for their uncle is such—"

The expression of the secretary's eye stopped me. Without seeming to wander from my face, its pupil had suddenly dilated till it appeared to embrace my person within its whole scope.

"I don't know," remarked he finally, a slight frown testifying to the fact that he was not altogether pleased with the turn affairs were taking. "Perhaps it would be best. The ladies must not be left alone—"

"Say no more," interrupted I; "I will go." And sitting down, I despatched a hurried message to Mr. Veeley, after which I accompanied the secretary to the street.

"Now," said I, "tell me all you know of this frightful affair."

"Few words will do that. I left him last night sitting as usual at his library

table, and found him this morning, seated in the same place, almost in the same position, but with a bullet-hole in his head as large as the end of my little finger."

"Dead?"

"Stone dead."

"Horrible!" I exclaimed. "Could it have been a suicide?"

"No. The pistol with which the deed was committed is not to be found."

"But if it was murder, there must have been some motive. Mr. Leavenworth was too benevolent a man to have enemies, and if robbery was intended—"

"There was no robbery. There is nothing missing," he again interrupted.

"The whole affair is a mystery."

Turning, I looked at my informant curiously. The inmate of a house in which a mysterious murder had occurred was rather an interesting object. But the good-featured and yet totally unimpressive countenance of the man beside me offered but little basis for even the wildest imagination to work upon.

"Are the ladies much overcome?" I asked.

"It would be unnatural if they were not," he said; and whether it was the expression of his face at the time, or the nature of the reply itself, I felt treading upon dangerous ground. It was, therefore, with a certain consciousness of relief that I saw a Fifth Avenue stage approach.

"We will defer our conversation," said I. "Here's the stage."

Employing the time in running over in my mind what I knew of Mr. Leavenworth, I found that my knowledge was limited to the bare fact of his being a retired merchant of great wealth and fine social position, who, in default of possessing children of his own, had taken into his home two nieces, one of whom had already been declared his heiress. I had heard Mr. Veeley speak of his eccentricities, giving as an instance this very fact of his making a will in favor of one niece to the utter exclusion of the other, but of his habits of life and connection with the world at large, I knew little or nothing.

There was a great crowd in front of the house when we arrived there. I mounted the steps, and finding the secretary close to my side, rang the bell. The door opened, and a face I recognized as that of one of our city detectives appeared.

"Mr. Gryce!" I exclaimed.

"The same," replied he. "Come in, Mr. Raymond." And drawing us quietly into the house, he shut the door on the disappointed crowd without. "I trust you are not surprised to see me here," said he, with a side glance at my companion.

"No," returned I. Then, with a vague idea that I ought to introduce the young man at my side, continued: "This is the private secretary of the late Mr. Leavenworth."

"Oh," returned he, "the secretary! The coroner has been asking for you, sir."

"The coroner is here, then," said I.

"Yes; the jury have just gone upstairs to view the body; would you like to follow them?"

"No," said I. "It is not necessary. I have merely come in the hope of being some assistance to the young ladies. Mr. Veeley is away."

"Still, now that you are here, and as the case promises to be a marked one, I should think that, as a rising young lawyer, you would wish to make yourself acquainted with it in all its details."

"I will go," said I.

"Very well, then," he replied, "follow me."

But just as I set foot on the stairs I

heard the jury descending, so drawing back with Mr. Gryce into the recess between the reception-room and parlor, I had time to remark:

"The young man says that it could not have been the work of a burglar."

"Indeed!" fixing his eye on a door-knob near by.

"That nothing has been found missing—"

"And the fastenings to the house were all found secure this morning; just so."

"He did not tell me that. In that case the murderer must have been in the house all night."

Mr. Gryce smiled darkly at the door-knob.

"It has a dreadful look!" exclaimed I.

Mr. Gryce immediately frowned at the door-knob.

And here let me say that Mr. Gryce, the detective, was not the thin, wiry individual with a shrewd eye that seems to plunge into the core of your being and pounce at once upon its hidden secret, that you are doubtless expecting to see. Mr. Gryce was a portly, comfortable personage with an eye that never pounced, that did not even rest—on you. If it rested anywhere, it was always on some insignificant object in your vicinity, some vase, inkstand, book, or button. These things he would seem to take into his confidence, make the repositories of his conclusions, but you—you might as well be the steeple on Trinity Church, for all the connection you ever appeared to have with him or his thoughts.

Leading the way, he mounted the stairs, but stopped on the upper landing. "Mr. Raymond," said he, "I am not in the habit of talking much about the secrets of my profession, but in this case everything depends upon getting the right clew at the start. We have no common villainy to deal with here; genius has been at work. Now sometimes an absolutely uninitiated mind will intuitively catch at something which the most highly-trained intellect will miss. If such a thing should occur, remember that I am your man. Don't go round talking, but come to me. For this is going to be a great case, mind you, a great case. Now come on."

And advancing to a door he pushed it open and beckoned me in.

All was dark for a moment, but presently my eyes becoming accustomed to the place, I saw that we were in the library.

"It was here that he was found," said he; "in this room and upon this very spot." And advancing he laid his hand on the end of a large baize-covered table that occupied the center of the room.

"You see for yourself that it is directly opposite this door," and, crossing the floor, he paused in front of the threshold of a narrow passage-way, opening into a room beyond. "As the murdered man was discovered sitting in his chair, and consequently with his back towards the passageway, the assassin must have advanced through the doorway to deliver his shot, pausing, let us say, about here."

Mr. Gryce planted his feet upon a certain spot in the carpet, about a foot from the threshold before mentioned. "But—" I hastened to interpose.

"There is no room for but," he cried.

"We have studied the situation." And without deigning to dilate upon the subject, he turned immediately about and led the way into the passage named.

"Wine-closet, clothes-closet, washing apparatus, towel-rack," explained he, waving his hand from side to side as we hurried through, finishing with "Mr. Leavenworth's private apartment," as that room in all its elegance opened upon us.

Advancing to the bed that was hung with heavy curtains, I raised my hand to put them back, when Mr. Gryce, drawing them from my clasp, disclosed lying upon the pillow a cold, calm face looking so natural, I involuntarily started.

"His death was too sudden to distort the features," said he, turning the head to one side in a way to make visible a ghastly wound in the back of the cranium. "Such a hole as that sends a man out of the world without much notice. The surgeon will convince you that it could never have been inflicted by himself. It is a case of deliberate murder."

Horrified, I drew hastily back, when my glance fell upon a door situated in the side of the wall toward the hall. It appeared to be the only outlet from the room, with the exception of the passage through which we had entered, and I could not help wondering if it was through there the assassin had come on his roundabout course to the library. But Mr. Gryce made haste to remark, as if in reply to the enquiry in my face:

"Found locked on the inside; may have come that way and may not: we don't pretend to say."

Observing now that the bed was undisturbed in its arrangement, I remarked: "He had not retired, then?"

"No; the tragedy must be ten hours old. Time for the murderer to have studied the situation and provided for all contingencies."

"The murderer? Whom do you suspect?" I whispered.

He looked impassively at the ring on my finger.

"Everybody and nobody. It is not for me to suspect, but to detect." And dropping the curtain into its former position he led me from the room.

The coroner's inquest being now in session, I felt a strong desire to be present, so requesting Mr. Gryce to inform the ladies that Mr. Veeley being absent from town, I had come, as one of the partners, to render them any assistance they might require, I took my seat among the various persons there assembled.

(To be continued.)

Humorous.

Mr. McCorkle: "This statue you speak of was an equestrian one, was it?" Mrs. McCorkle: "No, it was just a man on horseback."

"What do you call your dog?" was the question which a policeman asked of a very large man who was followed by a very small pup. "I don't call him at all," was the reply. "Ven I vant him, I vistle."

"Mamma, what's twins?" asked the smallest child. "I know," replied the older one, before the mother could answer. "Twins is two babies just the same age. Three babies are triplets, four are quadruplets, and five are centipedes."

The reporter that had accompanied the special train to the scene of the wreck hurried down to the embankment and found a man who had one arm in a sling, a bandage over one eye, his front teeth gone and his nose knocked four points to starboard, sitting on a broken truck of the sleeping car, and surveying the horrible ruin all about him. "Can you give me some particulars of this accident?" he asked, taking out his notebook. "I haven't heard of any accident, young man," replied the disfigured party, stiffly. He was one of the officers of the road.

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With the Flowers.

The Hardy Bulb Bed.

If you wish to have the very earliest and sweetest of the flowers smile upon you next spring, you must not neglect to prepare a few beds of hardy bulbs. First select a sunny spot, sheltered, if possible, from the north. If the soil be well-drained, all the better; if not, you must dig out each bed to a depth of a foot and a half or more, and put in a few inches of broken crockery or small stones. Fill up with a mixture of very old, well-rotted manure—remember the slightest suspicion of fresh manure may damage the bulbs—and earth, mixing both together until fine and mellow, and building the bed up to a height which will shed water easily.

Now plant your hardy bulbs—hyacinths, grape hyacinths, tulips, narcissi, crocuses, snowdrops, scillas—any time during the latter part of September or the first part of October will do; but, of course, the earlier the better, so as to provide for a good root growth before the hard frosts come. It is better to plant each variety in a bed by itself, then there will be no danger of the colors clashing. Plant the hyacinths seven inches apart and four inches deep. The tulips and narcissi should also be planted about four inches deep, but the tulips may be placed somewhat closer together than the hyacinths, while the narcissi should be placed a foot apart each way, in order that they may have room to increase.

You may now leave your bulb beds to themselves until the first heavy frosts have come, heavy enough to freeze the surface of the ground an inch or so; then cover them with coarse manure, leaves, boughs, etc., not too deeply, and when spring comes, do not forget to have this covering removed very gradually. If no accident happens, you may depend upon it that you will be well pleased with your bulb venture, which will provide you with a feast of sweet flowers from the time the snow goes off until the later spring flowers begin to bloom.

SOME SEASONABLE HINTS.

Do not neglect to keep watch on your dahlias, cannas, caladiums and other tender bulbous or tuberous plants these fall

mornings, and if they should chance to be frozen, dash cold water over them as early as possible, before the sun has had time to begin work on them. This may not wholly save your plants, and you will probably have to cut off some frozen leaves, but it will keep the plants alive and growing until the bulbs and tubers have had time to ripen off. When the ripening has been accomplished, take up the bulbs and tubers and dry them in the sun, leaving them out for several days, and covering them at night to protect from frost. When quite dry, pack them in dry earth or sand, and place in a dry, frost-proof cellar. Many simply place dahlia bulbs on shelves and store them as one would potatoes. The cannas are harder to manage, as they must neither become too dry nor too damp. Montbretia and gladioli bulbs may be dried, then placed in cotton bags, and hung in a frost-proof room.

During these fine days, too, repot your chrysanthemums, and any other plants which you wish to keep blooming in the house, and bring them in so that they may be quite accustomed to the change before fires have to be kept going. If plant lice appear on the chrysanthemums, spray them with tobacco water, or with sulpho-tobacco soap solution. Many plants, e. g., alyssum, salvia, asters, etc., if carefully lifted may be induced to bloom on in the house long after frosts have reduced the plants outside to a mass of brown shapelessness, while cosmos upon which the buds may scarcely have begun to form will bloom to perfection in the house if care be taken not to disturb the roots in the potting process.

FLORA FERNLEAF.

"Farmer's Advocate" office, London, Ont.

"God holds the key of all unknown,
And I am glad;
If other hands should hold the key,
Or if He trusted it to me,
I might be sad.

"The very dimness of my sight
Makes me secure;
For groping in my misty way,
I feel His hand; I hear Him say,
'My help is sure.'"
—Selected.

"The Confidante."

(From the Original Painting by Pio Ricca.)

Common to all feeling human hearts is the sentiment of the old Latin saying, that "Of no worldly good can the enjoyment be perfect, unless it is shared by a friend." The young ladies of our picture we may fancy to be twin spirits bound by this tie of friendship. One of them has received an epistle that gravely concerns her happiness, and is now sharing the secret of its contents with "her other self." The frilled and feathered gallant in the background betrays rather an unseemly curiosity with reference to the subject of the confidence—so much so that we cannot help suspecting that he has a personal interest at stake. Most probably, however, he is himself the author of the epistle, an amorous valentine, and desires to learn its effect upon her whose charms it celebrates. . . . The artist has bestowed particular care upon the accessories of his picture. The rich and stately furniture of the apartment, and the elegant draperies have received masterly treatment at his hands.

Some Queer Towns.

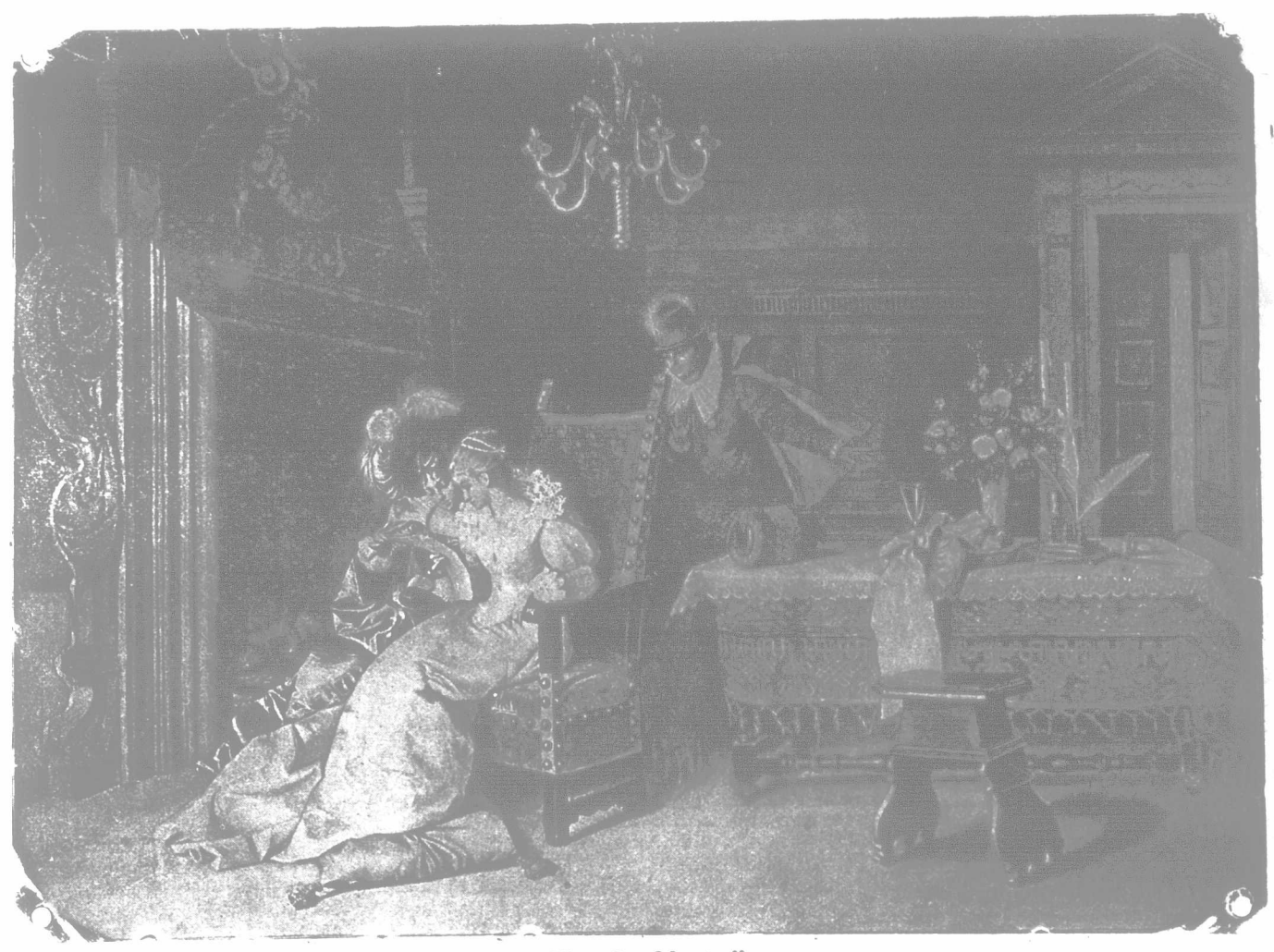
Kelberk, near Cracow, is a town which is located underground and is cut entirely from rock salt. There are 3,000 inhabitants, all workers in the salt mines, and all the houses and streets are of the purest white.

Carracross, on the west coast of Ireland, is composed entirely of boats. There are large stone quarries near by, but the inhabitants stoutly decline to have a proper house, on the ground that a fishing boat is better.

There is probably in all the world only one town built of glass, and that is to be found near Yellowstone Park, in the United States. The glass is not artificial, but natural, being formed by ages of volcanic action. It is dark green or black in hue, but in every other respect resembles the artificial product.

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Baireira, in Portuguese East Africa, is the only zinc city in existence. Zinc is the only material capable of withstanding the peculiar climate. It only took some thousands of people who make up the population six months to build the place. Hospital, church, arsenal, and every dwelling is of zinc, the dead are buried in zinc coffins, and most of the railway cars are of zinc throughout.



"The Confidante."

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INGLE NOOK CHATS

Dear Friends,—
It is with the very greatest pleasure that we are able to give you today, facsimiles of the drawings submitted by the winners of the three prizes offered in our recent drawing competition. With the work of James Frise you are already acquainted, as several of his sketches, cartoons, etc., have already appeared from time to time in the "Farmer's Advocate." It may be as surprising as interesting to you, however, as it was to us, to know that our young artist is but thirteen years of age. We are sure you will all join with us in wishing him a long and bril-

The Honor List in the competition, exclusive of the prizewinners, is as follows: Bird designs, Margorie Armour, Marguerite McIntyre, Alice Smith, Sara Smallman; a historical picture entitled "God-speed," by Miss Agnes Hisey; maple leaf design, Harriet Jean Evans, and design of nasturtiums and bookcase, Florence A. Lyons.

With many thanks to all these friends who have done so much toward making our drawing competition a success,
Very sincerely yours,
DAME DURDEN,
"Farmer's Advocate" office, London, Ont.



Second Prize Drawing—Morden's Mill.
Original Drawing by W. A. Begg, West Flamboro, Ont.

liant career in the work for which he is so eminently fitted. . . . With Mr. Begg's charming bit of landscape drawing, you will also be delighted, and from it many of you with artistic propensities will surely receive the inspiration to do more sketching from nature, a practice not only pleasant in itself and productive, often, of valuable decorative effects, but also of inestimable value in training the faculty of observation, increasing the efficiency of both hand and eye, and in assisting toward that appreciation of nature which can do so much toward helping one to get out of life the very best that is in it. With Miss Clara Royce's truly "Canadian" device you will also be much pleased. It gives evidence of no small degree of skill in the imagining and carrying out of an effective and artistic combination in the line of ornamental design.

The Check-rein.

Loosen the check-rein, master!
See how your poor horse tries
To free himself from the cruel strain,
He tosses his head because of the pain,
And pleads with his beautiful eyes.

Loosen the check-rein, master!
If only a moment you stay
To chat and gossip with friends in town,
Heed the sad pleading of eyes so brown,
And give the tired neck full sway.

Loosen the check-rein, master!
Ah! See what pleasure you bring!
Be careless of check-rein style to-day;
To-morrow, for pity's sake, throw away
The cruel and useless thing.

—Our Animal Friends.

Some Echoes.

MAINLY ABOUT RUSSIA.

No. II.

In the article by Jerome K. Jerome, from which I have already freely quoted, under the heading "Beneath the Surface," he has this to say: "They (the Russians) strike the stranger as a child-like people, but you are possessed with a haunting sense of ugly traits beneath. The workers—slaves it would be almost more just to call them—allow themselves to be driven with the uncomplaining patience of intelligent animals. Yet every educated Russian you talk to on the subject knows that revolution is coming. But he talks to you about it with the door shut, for no man in Russia can be sure that his own servants are not police spies. I was discussing the question with a Russian official one evening in his study when his old house-keeper entered the room—a soft-eyed, gray-haired woman, who had been in his service over eight years, and whose position in the household was almost that of a friend. He stopped abruptly and changed the conversation. So soon as the door was closed behind her again, he explained himself. 'It is better to chat upon such matters when one is quite alone,' he laughed. 'But surely you can trust her,' I said. 'It is safer to trust no one,' he answered. And then he continued from the point where we had been interrupted. 'It is gathering,' he said; 'there are times when I almost smell blood in the air. I am an old man and may escape it, but my children will have to suffer—suffer as children must do for the sins of their fathers. We have made brute beasts of the people, and as brute beasts they will come upon us, cruel, and indiscriminating; right and wrong indifferently going down before them. But it has to be. It is needed.' The future history of Russia will be the history of the French Revolution over again, but with this difference: that the educated classes, the thinkers, who are pushing forward the dumb masses are doing so with their eyes open. There will be no Mirabeau, no Danton, to be appalled at the people's ingratitude. The men who to-day are working for revolution in Russia number among their ranks statesmen, soldiers, delicately-nurtured women, rich landowners, prosperous tradesmen, students familiar with the lessons of history. They have no misconceptions concerning the blind Frankenstein into which they are breathing life. He will crush them, they know it; but with them he will crush the injustice and stupidity they have grown to hate better than they love themselves."

And, again, we are told by the same writer, under the caption of "The Coming Revolution," that "the Russian peasant, when he rises, will prove more terrible, more pitiless than were the men of 1790. He is less intelligent, more brutal. They sing a wild, sad song, these Russian cattle, the while they work. They sing it in chorus on the quays while hauling the cargo, they sing it in the factory, they chant it on the weary, endless steppes, reaping the corn they may not eat. It is about the good time their masters are having, of the feasting and the merrymaking. But the last line of every verse is the same. When you ask a Russian to translate it for you he shrugs his shoulders. 'Oh, it means,' he says, 'that their time will come—some day.' It is a sad, pathetic, haunting refrain. They sing it in the drawing rooms of Moscow and St. Petersburg, and somehow the light talk and laughter die away, and a hush, like a chill breath, enters by the closed door and passes through. It is a curious song, like the wailing of a tired wind, and one day it will sweep over the land, heralding terror."

After giving an instance of rank injustice and the shameful treatment of a man too poor to bribe, its effect upon the victim crouched in a corner is thus graphically described: "The snarl had died from his face; a dull, listless indifference had taken its place, the look one sees on the face of a beaten dog after the beating is over, when it is lying still, its great eyes staring into nothingness, and one wonders whether it is thinking. . . . The Russian worker reads no newspaper, has no club, and yet all things seem to be known to him. They say such things are done with now, but up till recently there existed in a prison

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on the banks of the Neva, in St. Petersburg, a small cell, below the level of the ice, and prisoners placed there would be found missing a day or two afterwards, nothing ever again being known of them, except, perhaps, to the fishes of the Baltic. And the people talk of these things among themselves."

Jerome K. Jerome speaks of Russia, in spite of its drawbacks and defects, as "a fascinating subject, about which he could ramble on for columns." Perhaps it is well for us who live in a land of freedom, under a flag which guarantees to the very poorest and most insignificant the fullest justice and liberty, to learn somewhat of the sad conditions under which men live and labor in other lands. Take even the matter of climate for example. Ours, in comparison with that of some countries, may be considered somewhat trying in winter, but we have indeed our compensations, and few of us would be willing to make an exchange, even if we could. Certainly, not even with the most luxurious of the Russian people, over whom must sweep the bitter blasts and chilling fogs of the age-haunted Neva in the winter, and in the short season of summer whirlwinds of sand.

Jerome K. Jerome tells us that, "In the winter time the Russians light their great stoves, and doubly barricade their doors and windows; and in this atmosphere, like that of a greenhouse, many of their women will pass six months, never venturing out of doors. Even the men only go out at intervals. Every office, every shop is an oven. Men of forty have white hair and parchment faces; and the women are old at thirty. The farm laborers, during the few summer months, work almost entirely without sleep. They leave that for the winter, when they shut themselves up like dormice in their hovels, their store of food and vodka buried underneath the floor. For days together they sleep, then wake and dig, then sleep again."

What should not the reading of even these few echoes awaken in our hearts? Surely the widest sympathy with those whose sorrows are not our sorrows, and a heartfelt gratitude to God that our lot has been cast in more pleasant places, and that ours is indeed a goodly heritage. H. A. B.

Humorous.

MERELY WAITING.

A northern man who was traveling through the south, says The New York Times, saw a negro under a tree by the roadside on the edge of a field of corn. He was gazing lazily up through the branches, unmindful of a hoe which lay by his side, and of the weeds which grew luxuriantly in the cornfield.

"What are you doing?" asked the northern man.

"Ah'm out heah to hoe dat cohn," replied the darky.

"Then what are you doing under the tree?" persisted the traveller. "Resting?"

"No, sah, Ah'm not resting," was the drawled out answer. "Ah'm not tiahed. Ah'm waitin' faw the sun to go down so Ah kin quit wuk."

SOMETHING TO PRAISE.

The story is told of some Scotchmen who were dining together, and after the usual toasts, songs were proposed. After all but a Dr. Macdonald had thus contributed to the entertainment, he was pressed to sing, but declined.

"Come, come, Dr. Macdonald," said the chairman, "we cannot let you escape."

The doctor protested he could not sing. "As a matter of fact," he explained, "my voice is altogether unmusical, and resembles the sound caused by the act of rubbing a brick along the panels of a door."

The company attributed this to the doctor's modesty. Good singers, he was reminded, always needed a lot of pressing.

"Very well," said the doctor, "if you can stand it I will sing."

Long before he had finished, his audience was uneasy. There was a painful silence as the doctor sat down, broken at length by the voice of a brow Scot at the end of the table.

"Mon," he exclaimed, "your singin's no' up to much, but your veracity's just awfu'! Ye're richt about that brick."



Puzzles and Riddles.

See the rules for this competition given last week. Send in answers to all the September puzzles, in one envelope, during the first fortnight in October.

be a good size. She put it before the fire to warm, when lo! a quantity of 9, 5, 5, 4 fell upon it and spoiled it, 1, 5, that 7, 4 was 6, 5, 4 fit 4, 5 eat, but we had plenty of fruit and 6, 8, 4, 9 to



First-Prize Drawing — "When Mandy Goes t' Wash."

Original Drawing by James Friele, Saintfield, Ont.

VI. Acrostic.

Not far.
The close of day.
A son of Jacob.
Not dull.
A lake of Russia.
A religious woman.

The initials read downward and the finals upwards give the names of two great admirals.

VII.

My whole is used by great and small.
Behead me and I'm borne by all,
Behead me again and you will see
That you would die for lack of me.

eat after dinner, 1, 5 we did not mind very much.

My whole is a Roman general. (Supply the missing words.)

IX.

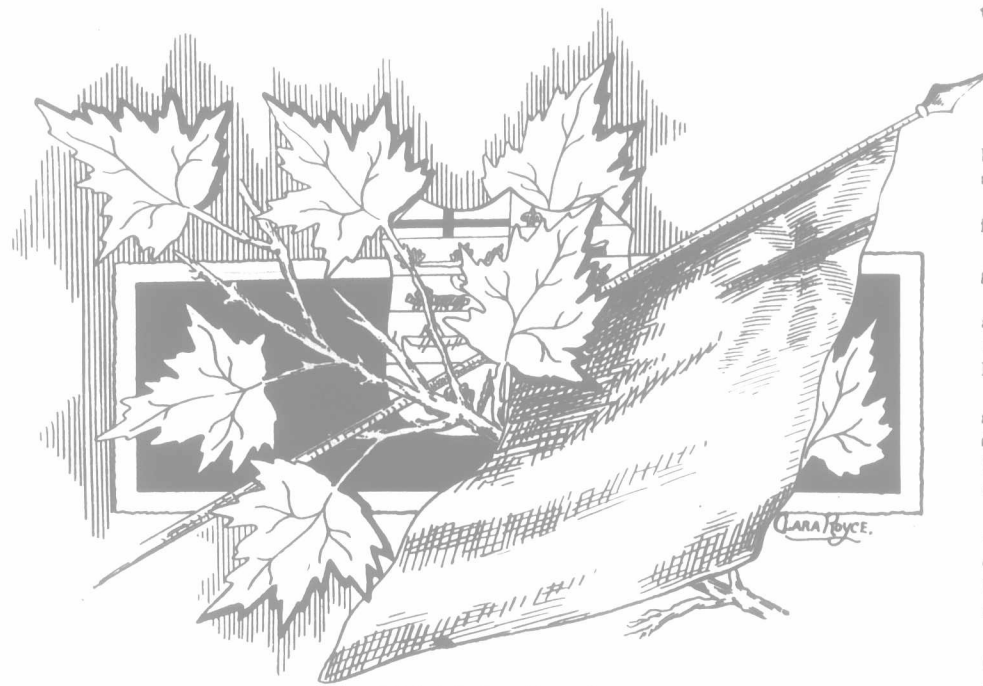
I am a word of five letters, but if you take away two "ten" will remain.

X.

Why are most tramps like flannel?

XI.

What is the difference between a tight hoot and an oak tree?



Third-Prize Drawing.

Original Drawing by Miss Clara Royce, Eramosa, Ont.

VIII. Historical Puzzle.

Just before Christmas, my sister, 1, 2, 3, began 4, 5, make 8, 9 a plum pudding. Of course she got some 1, 2, 3, 4, and considerably less than a 4, 5, 6 of fruit to put in it, carefully removing all the 1, 4, 5, 6, 3, 9 therefrom, and as there were 4, 3, 6 of 8, 9, to 9, 7, 4 to it, why, of course, 7, 4 had to

We gladly accept the following letter and clever little story, written by one of our young readers.

COUSIN DOROTHY.

Editor "Farmer's Advocate":

Dear Editor,—Please accept my little original sketch for the children's page or Home Magazine Department. I love your paper, and so do all the young

people who read it, because it does not forget us. We may not be very much interested in stock and farming, but when we get enthusiastic over the stories and articles of general interest, we make the men keep their subscriptions paid up.

Yours truly,
MABEL BURKHOLDER.

Hamilton P. O., Ont.

A Homemade Muskoka.

"Stanley Young's folks are off to Muskoka!" announced Bob Beattie, tumbling into the kitchen where the family was at breakfast.

"That's nothing," chimed in his sister, Sadie, with a superior air. "It was in the paper last night that Shearers are going to the seaside!"

"Gracious me! this town is getting uppish," laughed Bob. "Why, even Greens, at the corner, have rented a little shanty on the lake shore."

"Where are we going, mamma?" asked little Daisy, fretfully.

The father and mother glanced at the languid, hollow-eyed little creature, pushing back her chair from her untouched breakfast, and sighed. Bob and Sadie understood too well what Babe did not, that holidaying took a lot of money, and that all the hot summer days for them must be passed in the stuffy little house that faced the stuffy little street.

"I had hoped to get Carlton's old shack for a couple of weeks in August, for you and the children," whispered father to mother, as he shouldered his heavy kit of tools. "He owes me a little on a back job, and I was going to take it out that way. But that's all knocked in the head, for his wife is poorly, and he is going to use it himself."

"What in the world is the matter with this house, anyway?" ejaculated Bob, throwing himself down on the doorstep after wandering about disconsolately all morning. "Daisy looks like a withered rosebud, and Sadie is crying on the lounge, and actually kicking the kittens because she says it makes her feel hot to see them play; and,—and I feel like all-get-out myself."

Mrs. Beattie smiled over the loaf of bread she was kneading.

"I think Mr. Discontent flew into the house this morning as soon as we heard of the good fortunes of our neighbors," she said.

"Well, he doesn't make it any cooler," observed Bob, who was a thorough optimist, "so I guess I'll tell him to fly out again."

But he was a most persistent sticker. "Oh, dear! Just think of the big cool trees in Muskoka, and the water," whimpered Sadie.

"Wish I was bathing in it this minute," admitted Bob, mopping his hot face.

"Stanley and Grace Young will be," and Sadie's voice shook with fresh sobs.

"Oh, pshaw!" cried Bob, disapprovingly, for he saw Babe's lip quiver.

"My head aches," she whined, mingling her sobs with Sadie's.

It was terrible. Mother looked white and faint, for the bread-baking filled the little kitchen with almost unbearable heat; but she did her best to cheer them.

"It isn't any hotter than yesterday," she kept saying. "Take off your stockings and bathe your feet in the tub. Sadie and Babe must stop crying; it will make them sick."

"I suppose, mother," said Bob in self-consolation, "that it is too late to go off on a holiday, even if daddy had got the shack. You see the summer is almost done."

"Nonsense," said Sadie, "I heard Mr. Green saying to Mrs. Kennedy that it wasn't a bit of use to go to the lake in June and July any more, because that seemed to be our rainy season, and Mrs. Kennedy said, 'Yes, indeed, we get our summers in the fall now, and our falls in the winter.'"

There was no contradiction to this bit of argument, and Sadie continued, vehemently.

"I wouldn't care if I didn't get my holidays till Christmas. I could stand everything, if I only knew that I was going somewhere, some time."

Late in the afternoon an idea came

bumping into Bob's head. "About time you thought of something," he admitted, scratching his stupid pate.

It was at that identical moment that Mrs. Beattie said: "I must run up-town for the radishes and lettuce old Mr. Martin promised me. I shall stay till six, and come home on the car with father. Can you get supper?"

"Certainly!" cried Bob, gleefully, escorting her to the gate with suspicious promptness.

"I guess you'll have to get it, then, Bob," said Sadie, peevishly. "I don't feel able, and besides there's nothing to get."

"I'm glad mother's off," announced Bob, chewing a spear of grass like a meditative calf, "for I've got a plan!"

Sadie and Babe sat up and listened attentively to its details as it unfolded. "It's splendid!" admitted Daisy, clapping her wee hands, and Sadie got up from the lounge with energy, and "guessed it wasn't any good to mope all day."

"Get Babe's go-cart, and let's start. Hurrah for the commons!" cried Bob.

A queer assortment of articles was packed into the old baby buggy. It looked like a second-hand shop in miniature. There was a pail of water and a ball of twine, a stack of plates and a loaf of bread, two old cushions and the kittens.

"It'll spoil it all if the smoke from the foundry's blowin' east," said Bob, anxiously spreading out his handkerchief to catch the direction of the wind. "Goody! It's blowin' west. The commons will be as cool as an ice box, and there won't be smoke or cinders from the big-pipe."

Two mystery-laden children with eager eyes and wind-blown hair awaited the stopping of the six o'clock car at Green's corner. Darting through the crowd they almost devoured their parents.

"Have a ticket for Muskoka, sir?" cried Bob, pressing a bit of paper into his father's hand.

Mr. Beattie took the scrap and read: "Reduced rates to Muskoka. One passenger taken for a pin. Double tickets a pin and a button."

"I think we ought to take that in," he laughed, paying for a double ticket, and much mystified, they followed the excited children across the deserted commons.

The big oak near the spring had a placard, which read in crooked capitals: THIS WAY TO THE PARK; but not until the clump of maples was passed did the full glory of the afternoon's work burst upon them. The two kittens sported on the grass unrebuked. Daisy, sublimely happy with her ball of twine and a bent pin, was fishing in the water pail for bread crumbs. In the greenest, deepest shade—and it was deep; the glare of the asphalt street looked leagues away—an impromptu table groaned beneath its load. It was an awful-looking table for five, but the hungry Beatties looked past its rudeness, and saw only the dish of wild thimble-berries and the heap of tempting water-cress that Bob's nimble fingers had gathered from the flats nearly a mile away.

"Why did we never think of this before!" cried father, rolling on the grass. "That little south kitchen is roasting in the afternoon."

"We thought," said Sadie—"at least Bob did—I was beastly all day—that it didn't help matters any to grumble for what we can't have, so we have decided to have a homemade summer resort."

"And what more could you want?" chimed in Bob. "The real Muskoka has nothing more. There are the trees, and there are the wild animals (just then a kitten crouched in the grass tiger-like), and here is the lake," and he dangled his bare toes in Babe's pail.

Father and mother laughed more heartily that night than they had done since the hot weather began. Maybe the healthy flush on Babe's little face had something to do with it, for parents cannot laugh when their children are sick.

"You think this is a one-sided surprise," they said, "but just wait. Open the paper and see what other families are going off on their holidays."

Sadie snatched the paper, ran her eye down the personals, and read with an excited little crack in her voice: "John Beattie and family will occupy Holiday House, Lake Shore Road, during the first two weeks in September."

The three descended upon daddy like a

cyclone. "Of course, if you prefer Muskoka," and a happy light glowed in father's tired eyes—"seeing we are here, settled and all, good hunting and fishing assured—I'll tell Carlton to let the shack to the other man. He says he won't use it himself under any consideration, for the doctor has ordered Mrs. Carlton to the mountains."

"I think we will prefer Holiday House," said Bob. "Homemade Muskoka will do when we have no other place to go."

And it did. But the three children enjoyed the real lake all the better for having learned how to draw enjoyment out of a tin-pail one.

MABEL BURKHOLDER.
Hamilton P. O., Ont.

Domestic Economy.

In making pickles, use none but the best cider vinegar.

To purify the air of a damp cellar, strew charcoal about floor and shelves.

Whole cloves will more effectually exterminate moths than camphor, tobacco, or cedar shavings.

To remove peach stains, soak in milk for 48 hours if colored goods, or if on white cloth rub with lemon juice and salt.

A loaf of stale bread is almost as good as when newly baked when wrapped closely in a towel and steamed through thoroughly.

Turpentine applied with a bit of flannel will (especially when the stains are deep) restore the whiteness of ivory knife handles.

Chloride of lime is an infallible preventive of rats. It should be put down their holes and spread about wherever they are likely to appear.

Spices in pickles should be used whole, slightly bruised if desired, but preferably not ground; if ground, they should be tied up in thin muslin bags.

Buttermilk is at all times good for the complexion, and also is a fine preventive both of sunburn and freckles, therefore all through the summer months should be used whenever it is possible to get it fresh.

Small white onions make very nice pickles. They are easily prepared, requiring only to have boiling brine poured over them four days in succession, when they are drained and placed in jars, then covered with vinegar.

TOMATOES AND CUCUMBERS.

Tomatoes and cucumbers, sliced and arranged in alternate rows on a long platter, bordered with sprigs of parsley, make a very pretty and appetizing dish for tea.

GREEN TOMATOES FRIED.

Cut them in slices half an inch thick, sprinkle with salt and pepper, dip in beaten egg, roll in bread crumbs and fry till brown on both sides. They are exceedingly good.

TOMATO RELISH.

A nice relish can be made by cutting a piece from the stem ends of ripe tomatoes. Remove pulp, and mix with an equal quantity of chopped cucumber; replace in the tomatoes, and serve on a lettuce leaf, with mayonnaise.

A REMEDY AGAINST FLIES.

Five cents' worth of oil of lavender, mixed with the same quantity of water, will keep a room clear from flies, using an atomizer to spray it around the room. People like the odor, but flies do not.

TOMATOES, BAKED.

Select large, firm ones, cut a round place from the top, and carefully scoop out the soft part and seeds. Fill with a stuffing of bread crumbs seasoned with butter, salt, pepper, and a little minced onion. Replace the tops, put close together in a buttered tin, with bits of butter scattered between, and bake half an hour.

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We will stake our reputation on your being delighted with the "Tea Pot" draw.

"IF NOT" Your Money will be refunded in Full, We Reimbursing the dealer.
DOES THIS PROVE OUR FAITH?

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Do not postpone the opening of a savings account simply because of the smallness of your first deposit. All things must have their beginning. The big things of to-day were the little things of yesterday. Remember we receive deposits as small as a dollar.

Write for our Booklet and learn how easy it is to Deposit by Mail.

Canada Permanent Mortgage Corporation
TORONTO STREET, TORONTO.

IF YOU WANT TO MAKE A SALE

Of a farm, of stock, or of any other article, we can inform the PURCHASING public of the fact every week in the year. Our ads. are read by business men and are published in order to bring buyer and seller together!

ADVERTISE FOR RESULTS IN THE

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The William Weld Co., Limited.

LONDON, ONT.



Advertisements will be inserted under this heading, such as Farm Properties, Help and Situations Wanted, and miscellaneous advertising. TERMS—Three cents per word each insertion. Each initial counts for one word and figures for two words. Names and addresses are counted. Cash must always accompany the order. No advertisement inserted for less than 50 cents.

WANTED, MIDDLE-AGED WOMAN for companion and mother. A good house-keeper and a Christian, with references. Address Box 557, London, Ont.

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CUTS BY ALL PROCESSES
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Ladies' \$4.50 suits and up to \$12; also waists and skirts. Send for fall styles and sample cloths. Southcot Suit Co., London, Canada.

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.



"Giving"—A Privilege.

"Then the people rejoiced, for that they offered willingly, because with perfect heart they offered willingly to the Lord; and David the king also rejoiced with great joy."—I. Chron. xxix. : 9.

"That man may last, but never lives, Who none receives but nothing gives; Whom none can love, whom none can thank, Creation's blot, creation's blank."

A few weeks ago, when we had our "business talk" about paying our debts, I intended to follow it up with a few words about the privilege of being permitted to present offerings to our King—offerings which he is willing to accept as gifts. But, before the next week arrived, my thoughts were diverted into another channel, and last week it was almost impossible to secure a "quiet hour" for myself, and the click of the typewriter was a signal which attracted a flock of holiday-making children, eager to "help," so I gave up trying to write, and sent a clipping instead. But to-day I have shut myself up where the children can't find me very easily, and must make the best use of the time which is so scarce just now, for summer days are shorter than the winter ones, in spite of the almanacs.

Many people seem to have got into their heads the strange idea that "giving" is a disagreeable duty instead of a privilege. And yet, even little children know from experience that our Lord's words are true, and that it is "more blessed to give than to receive." How delighted they are with the little gifts they are preparing for Christmas. How often the dainty parcels are unwrapped to be admired, and then hidden away again in some safe place, and what a long time the pleasure lasts. As we grow older the mysterious charm of Christmas fades away a little, but though we may not get so excited over the gifts received, we still find a great deal of pleasure in making that season a time of rejoicing to others. We have experienced something of the blessedness of "giving," but too often fail to secure that blessedness. Knowing quite well, as a matter of theory, that happiness comes from "giving," rather than from "getting," we still reach out eagerly after gifts for ourselves. When David and his people had brought their gold and silver for the building of the temple, they rejoiced because they had offered "willingly" to the Lord. It is only the "willing" offerings that bring joy to the giver. It is indeed a great privilege to be able to present acceptable offerings to our Creator, as David says: "Who am I, and what is my people, that we should be able to offer so willingly after this sort, for all things come of Thee, and of Thine own have we given Thee?" We are like little children who are given the pleasure of buying presents for their father with that father's own money. Offering to God and giving to the poor are not always the same thing. Our Lord distinguishes between the two when He disagrees with the Disciples (for it was not only Judas who objected), who thought that the costly ointment poured out so lavishly by Mary of Bethany in His honor might better have been given to the poor. He said: "Ye have the poor always with you, but Me ye have not always." As Mrs. Whitney says: "The box of ointment might have been turned into three hundred pence and doled out here and there, but it was all poured out on Jesus' head, and the perfume of it has come down into the whole world, and the years of our Lord, and has filled this room of the Father full." Is she not

right? It was just because Mary was so carried away with the spirit of loving and enthusiastic devotion that she never stopped to consider the question of practical utility, and never troubled her head about the apparent extravagance of her offering, that her act has been an inspiration to the world ever since. If she had done what seemed to the disciples a more sensible thing, her offering would not have stood out in strong relief, and the Christian ages would not have been "filled with the odor of the ointment."

There were no "poor" when Noah presented his almost priceless offerings, when he "took of every clean beast, and of every clean fowl, and offered burnt offerings on the altar." There were so few animals left, and they had been preserved with so much care and trouble, and practical people in this utilitarian age would be sure to say, to what purpose is this waste? Burnt offerings which could benefit nobody must be wasted—or, at least, most energetic philanthropists would think so—but God did not think Noah's gifts wasted, for we read that when he had offered these very costly sacrifices on the altar "the Lord smelled a sweet savour." He approved of the spirit in which they were offered, and, after all, the great question for us is whether God will accept our gifts. He showed at the very beginning of the world's history that He was not willing to accept every offering men choose to make, for "the Lord had respect unto Abel and his offering, but unto Cain and to his offering He had not respect." The explanation of this is given in the epistle to the Hebrews, where we are told that Abel's offering was accepted because of his "faith," and that God's acceptance proved that he was "righteous." The Israelites were warned, over and over again, that God would not always accept their gifts. He says: "The sacrifice of the wicked is abomination." And again: "Though ye offer Me burnt offerings and your meat offerings, I will not accept them." They were forbidden to bring blemished sacrifices—"blind or broken or maimed, bruised or crushed or broken or cut"—and is it likely that such worthless offerings will be accepted now? There seems to be a common idea that God is thankful for any gift, and an object lesson such as has been given lately by one of Canada's sons, Bishop Brent, who has been doing grand work in the Philippines, is worth hundreds of sermons. I saw in the August "Spirit of Missions," that the Manila Jockey Club had given him \$500 for his hospital work in that city. Although the money was sorely needed, he returned it, thanking the givers for their kindly feeling, but explaining that he could not use, in work done in Christ's name, money which he knew to be the proceeds of gambling. In these days, when the idea seems to be prevalent that the chief duty of church-workers is raising money, such brave loyalty to principle should open men's eyes to understand that instead of honoring God by offering Him gifts, He honors them when He accepts their offerings.

A THOUGHT FOR THE COMING WEEK.

"God loveth a cheerful giver."—2 Cor. ix., 7.

Just think of that! We all wish to be loved, but what a wonderful honor it must be to win God's special love, the love promised to those who "give" gladly and ungrudgingly, as He Himself gives. Every day we may have the glorious privilege of bringing our gifts to our Master's feet. Little acts of service, or of

yielding our will gladly to His, the "cup of cold water" He so graciously accepts, and immediately rewards with the gift of joy, for we are sure to "rejoice" if, with perfect heart, we "offer willingly to the Lord." But it is no easy thing to offer with "perfect heart," and we may well ask forgiveness for the blemishes and imperfections which find their way into even our best sacrifices.

"Not for our sins alone
Thy mercy, Lord, we sue;
Let fall Thy pitying glance
On our devotions too,
What we have done for Thee,
And what we think to do,
The holiest hours we spend

In prayer upon our knees,
The times when most we deem
Our songs of praise will please,
Thou Searcher of all hearts,
Forgiveness pour on these,
And all the gifts we bring,
And all the vows we make,
And all the acts of love
We plan for Thy dear sake,
Into Thy pard'ning thought,
O God of mercy, take.

Bow down Thine ear and hear!
Open Thine eyes and see!
Our very love is shame,
And we must come to Thee
To make it of Thy grace
What Thou would'st have it be."
HOPE.



Bleeding, and How to Stop it.

Bleeding may be stopped by means of pressure and cold, and exposure to air aids, by facilitating the formation of clots. Pressure is accomplished in a limb by placing a pad upon it, tying it on with a thick bandage or handkerchief, and inserting a stick between the pad and handkerchief, which is then twisted until sufficient pressure is obtained. When a wound bleeds so much as to require this treatment, a doctor should be called, for such pressure cannot be maintained for very long without danger of serious complications, and should only be used to prevent excessive loss of blood until a doctor can be found to tie the bleeding vessels, if necessary. Cold may be used in addition to pressure, or may be sufficient alone. If blood spurts from a wound in a bright red spray, make pressure above the bleeding point. The bright red color and force with which it comes show that an artery is cut, and arterial blood flows directly from the heart, that is, from above downward. If, on the other hand, the blood is dark red in color, and oozes rather than spurts out, it is from the veins, and pressure must be made below the bleeding point. Venous blood is on its way back to the heart, flowing from below upwards, which is the reason that it comes more slowly than arterial blood, which is sent out through the body by the direct force of the heart-beat; whereas the return of venous blood depends considerably on the pressure of moving muscles, and proceeds slowly when the body is not moving. The situation is reversed, of course, in the head and neck.

The leg or arm injured should be elevated on pillows, being supported throughout its whole length, and the extremity being the highest point; or a leg may be sharply bent, with a hard pad in the hollow under the knee. This decreases the flow of blood to the part, both arterial and venous; arterial on account of the position, and venous on account of the pad and because the arterial flow is diminished.

REST.

It will be seen that rest is of the utmost importance where bleeding is profuse. Do not interfere with clots that may have formed, for this is nature's way of stopping the flow of blood. Bleeding that is not easily controlled is always serious, and very little time should pass before sending for the doctor. In the meantime, the patient should lie down and be absolutely quiet. Do not try to remove clothing, except as much as can be cut off without any movement on his part, around the wound, and tuck the edges of the clothing that cannot be removed away from it in the folds of clean white rags. Wounds in the chest or abdomen, in the absence of a doctor, can only be treated with cold or pressure; cracked ice in a flannel, held down firmly by a heavy pad, may be used, the ice being renewed from time to time without removing the flannel. If no ice is forthcoming, then a firm, thick pad, wrapped in clean linen or a clean pocket handkerchief, applied with pressure.

CLEANLINESS

is of the first and utmost importance, next to stopping the bleeding; but if nothing quite clean is at hand and bleeding is profuse, whatever is available must be used, especially in the case of bleeding from an artery, when the choice lies between the chance of death by poisoning and the certainty of death from loss of blood. With nose-bleed the patient must lie down, with the head and shoulders elevated by pillows. Cold may be applied to the sides of the neck, and the nostrils plugged with cotton.

Blood from the lungs is of a bright red color and frothy. In the case of bleeding of this kind, the patient must lie flat on his back, with a pillow under his head, and his feet be put into hot water for about twenty minutes several times a day. He must not move at all. Cold should be applied to the chest, cracked ice, thinly spread on a flannel to avoid weight, and frequently renewed. Ice bags may be bought made of thin rubber, which are very convenient. If there are such things at hand, fill them about one-quarter full of cracked ice, and spread it out, after tying their mouths with tape. If neither bags nor ice are available, cloths wrung out constantly in very cold water may help. After loss of blood, the patient should be encouraged to drink a great deal of water.

Bleeding from the bowels is not likely to occur without previous illness or warning of some kind, and will be provided for by the directions of the physician attending the case. If, however, such a thing should happen unexpectedly, the patient must go to bed immediately, without waiting to remove clothes; his pillow be taken away, and the foot of the bed elevated by pushing the seat of a chair under it. This position is not comfortable, but necessary. Ice, in light weight, may be placed over the abdomen; the patient must keep absolutely still, and the physician be sent for at once.

There are other methods of arresting bleeding, but they are only employed by a physician, and in the hands of unskilled persons would be dangerous.
A. G. OWEN.

ELIHU.

The New York correspondent of the Cleveland Plain Dealer thus tells how the office-boy got the better of former Secretary Root:

"Said Mr. Root, 'Who carried off my paper-basket?'"
"It was Mr. Reilly," said the boy.
"Who is Mr. Reilly?" asked Mr. Root.
"The janitor, sir."
"An hour later Mr. Root asked, 'Jim-mie, who opened that window?'"
"Mr. Lantz, sir."
"And who is Mr. Lantz?"
"The window-cleaner, sir."
"Mr. Root wheeled about, and looked at the boy. 'See here, James,' he said, 'we call men by their first names here. We don't 'mister' them in this office. Do you understand?'"
"Yes, sir."
"In ten minutes the door opened, and a small shrill voice said, 'There's a man here as wants to see you, Eltha.'"

GOSSIP.

H. E. Williams, of Knowlton, P. Q., calls attention to his special offers of Shropshires, Jerseys and Tamworths in this issue.

Mr. H. W. Truman, of the Bushnell Pioneer Stock Farm, Bushnell, Ill., has arrived at London, Ont., to prosecute business for the firm this year. In about a week he will have on hand a choice selection of Shire, Percheron and Hackney stallions. Watch for their fuller announcement.

Mr. J. Pickering, of Frelighsburg, Que., at the Toronto Exhibition, purchased from Mr. R. F. Heicks, of Newtonbrook, Ont., a grand year-old Holstein bull, Favorit 10th's Champion 3268, by Kitchen-er, dam Favorit 10th. The young bull is a splendid representative of the breed, and, no doubt, will vastly improve the milking qualities of Mr. Pickering's grade Holsteins.

A public reception by the citizens of Bowmanville, Ont., to Mr. Robert Beith, was arranged to take place on the 12th inst. in consideration of his unprecedented success at the World's Fair at St. Louis with his Hackney horses, winning the bulk of the prizes in the class, including the grand championship for best stallion and for best mare of the breed, any age, with Saxon and Pricilla, both sired by Robin Adair 2nd, and bred on the range in Alberta, Canada.

W. S. Carpenter, Simcoe, Ont., reports the following very gratifying sales at the Toronto Exhibition: Imported ram lamb to John Campbell, Woodville, Ont.; one ram lamb to go to New York State; one to Mr. Hill, Fergus; seven head to Mr. D. C. Wheeler, Reno, Nev., consisting of five home-bred ewes, one home-bred ram, and one imported ram. This lot of stuff Mr. Carpenter was sorry to part with. Mr. Wheeler is to be congratulated on securing such a grand bunch to strengthen his flock in Nevada. The above lot brought very satisfactory prices. They were fitted by Bradburne, and he knows how to do it.

A dispersion sale will take place on October 20th, as advertised in our last issue, page 1222, of the entire herd of 100 head of Red Polled cattle, known as the Whittingham herd, near Norwich, England. These are essentially a dual-purpose breed, being good feeders and deep milkers. Many of the cows in this herd having yearly-milk records of 8,000 to 10,000 lbs., and the whole herd of six cows an average yield of nearly 7,000 lbs. There is an opening in this country for this class of cattle, and possibly a fortune for the man with tact and judgment who introduces the breed here. Messrs. John Thornton & Co., the auctioneers, whose address is 7 Princes Street, Hanover Square, London, will supply catalogues and execute commissions.

Western Ontario boasts of a number of extra good herds of Holstein cattle, among the best is the herd of Mr. S. R. Beck, of South Cayuga, whose nearest station is Dunville, on the G. T. R. This herd now numbers 35 head. The stock bull is Prince Zozo De Kol's Netherland 1616, by Netherland De Kol's Perfection, whose dam, Netherland De Kol, has a two-year-old butter record of 20 lbs. 5 ozs. in seven days, and her sister, De Kol 2nd's Queen, has a record of 28 lbs. 7 ozs. in seven days, dam Princess Zozo, by Netherland's Rupert, whose sire's dam, Lady Foy, has a butter record of 32 lbs. 3 1/2 ozs. in seven days. A number of the females were imported from the U. S., and have milk records of from 55 to 70 lbs. a day. In young stock, Mr. Beck is offering for sale two young bulls, seven months old, five heifer calves from six to seven months old, three one-year-old heifers, four two-year-old heifers, two three-year-old heifers, all very strong in the blood of Netherland & De Kol strains. There are also for sale several older females, in which the Clothilde and Pietertje blood predominates.

Mr. George Rice, Annandale Fine Stock Farm, Tilsonburg, Ont., writes: "I am pleased to report the sale of three fine calves to Mr. F. P. Denison, of Manitowaning, Manitoulin Island. Two fine heifer calves were from cows purchased last spring and that have since made Advanced Registry records. One of them, Emma Wayne 2nd. Her dam, Emma Wayne, has just freshened, and she has a monstrous udder. The dam of the other heifer calf was Rosaline Hacker, a heifer of great promise, and she justified my expectations of her by giving 45 to 50 lbs. milk a day in official test on grass at two years old. The bull calf shipped Mr. Denison had for dam Katarinka, a fine young cow, whose dam was Maud of Kent 2nd. She gave 75 lbs. milk a day, and eleven months after freshening made nearly 15 lbs. butter a week. The young bull is sired by Calamity Jane's Paul De Kol, the grandson of Calamity Jane. I also sold to Mr. Andrew Boa, Genoa, Que., a fine young bull, Ayde Wayne's Paul, that will surely worthily succeed his former bull, a son of Iosco Pride, as the sire of the bull he is now getting has for dam Eunice Clay, 84 lbs. 10 ozs. milk in a day in Ohio milk test. She is known all over the continent as one of the greatest cows of the breed; at Toronto, she won sweepstake."

IMPERIAL STOCK FARM HOLSTEINS.

Imperial Stock Farm lies in Brant Co., Ont., five miles east of Burgessville, on the Brantford-Tilsonburg branch of the G. T. R., and is the property of Mr. W. H. Simmons, New Durham, breeder of high-class, heavy-milking Holstein-Friesian cattle, Dorset-Horned sheep and Chester White hogs. The Holsteins number 50 head, several of them being officially tested, and holding butter records of from 17 to 20 lbs. in seven days, and a great many of them milking records of from 60 to 70 lbs. a day. The foundation stock were all imported from the U. S., and selected on their individual excellence and records, regardless of cost, so that Mr. Simmons' herd is one of the standard herds of the country. At the present time the stock bull is Iosco Pride Pan-American, sired by Fairmont Albino De Kol, dam Iosco Pride, winner of first prize and sweepstakes at the Pan-American. Again his sire's dam, Helena Fairmont, won first at Toronto, Ottawa, Montreal and London in 1896, and also won the test at Guelph and London, thus showing how richly he is bred on show lines, and himself winning second at Toronto this year. Other Toronto Winnings this year were: Bull, one year old, first; bull calf, third; bull calf, after Jan. 1st, second and third; cow, four years old, fourth; cow, three years old, fourth; heifer calf, under one year, second, fourth and fifth; herd prize, third. Mr. Simmons is offering for sale a number of choice young bulls and a few females. The Horned Dorsets are a splendid lot, and are in fine condition. There are a number of ram lambs, fine, big, growthy fellows, for sale. The Chester Whites were selected on account of their individual excellence and trueness to type, and are certainly a very lengthy, deep lot. There are for sale young stock of both sexes. Write Mr. Simmons to New Durham P. O.

FLY NUISANCE.—Our attention has been called to the use of the famous Zenoleum Disinfectant to protect live stock from flies. A great advantage in its use for the above purpose, is that it is non-poisonous. Stock farmers are familiar with the use of Zenoleum as a lice killer, disinfectant and healing application for wounds and scratches. For the benefit of those who have not used Zenoleum as a fly repellent, we publish the following letter, which gives directions for preparing the solution and the experience of one qualified to judge: "As a cow spray (colution 'C,' one part Zenoleum, one part cottonseed oil or linseed oil, fifteen parts water), we find Zenoleum quite as effective as a fly preventive as the several expensive preparations used heretofore, and at about one-tenth the cost—a very important item where large herds of dairy cows are kept. In this connection, I might add that the spray is likewise effective in keeping away the mosquitoes, which are very troublesome about unscreened horse-stalls, and are probably in a large part responsible for the transmission of the mangle from one animal to another."—F. G. Krauss.

Canadian National Exhibition Prize List.

HORSES.

CLYDESDALES.—Stallion, four years old and upwards—1, Graham Bros., Claremont, Imp. Royal Baron; 2, Graham Bros., Imp. King's Crest; 3, Smith & Richardson, Columbus, Imp. Baron Gartly. Stallion, three years old—1, Graham Bros., Imp. Baron Sterling; 2, Graham Bros., Imp. Yester; 3, Dalgety Bros., London, Imp. Wigtown Life Guard; 4, Smith & Richardson, Imp. Royal Dean. Stallion, two years old—1, Smith & Richardson, Imp. Carlist; 2, Graham Bros., Fairy King; 3, Ness & Sons, Howick, Que., Imp. Adam Bede; 4, John Davidson, Ashburn, Imp. Baron Montague. Stallion, one year old—1, Graham Bros., Imp. Baron Bertram; 2, Smith & Richardson, Imp. Prince Druid; 3, Andrew Aitchison, Guelph, Charming's Pride; 4, J. F. Staples, Ida, Radiant Boy. Imported stallion, any age—Graham Bros., Imp. Baron Sterling Filly, three years old—1, Graham Bros., Imp. Flower of Dryfe; 2, A. Aitchison, Imp. Royal Princess; 3, Smith & Richardson, Imp. Madge of Hallcroft; 4, T. H. Hassard, Millbrook, Imp. Lady Richardson. Filly, two years old—1, Hodgkinson & Tisdale, Beaverton, Helen Macqueen; 2, Graham Bros., Juliette; 3, Hodgkinson & Tisdale, Donna Roma. Filly, one year old—1, James I. Davidson, Balsam, Cambrogie Jewel; 2, Smith & Richardson, Columbus, Queen of Maple Grove; 3, Andrew Aitchison, Guelph, Lady Peerless. Brood mare, with foal of the same breed by her side—1, James I. Davidson, Fair Nellie; 2, Hodgkinson & Tisdale, Beaverton, Flora Hilton; 3, Hodgkinson & Tisdale, Royal Princess. Foal of 1904—1, Hodgkinson & Tisdale, Macham; 2, James I. Davidson, Fair Nellie. Mare, with two of her progeny—1, Jas. I. Davidson, Fair Nellie; 2, Hodgkinson & Tisdale, Royal Princess. Best mare of any age—1, Graham Bros., Flower of Dryfe. Best mare of any age, Canadian-bred—1, Hodgkinson & Tisdale, Helen Macqueen. Best mare of any age—1, Graham Bros., Flower of Dryfe.

ENGLISH SHIRE HORSES.—Best Shire mare—Lady Luetta, J. M. Gardhouse, Weston. Stallion, four years and upwards—Mars, Morris & Wellington, Fonthill. Stallion, three years old—1, Sand Boy, J. M. Gardhouse; 2, Barrow Albert, Morris & Wellington; 3, Nately Pioneer, J. B. Hogate, Sarnia. Stallion, two years old—1, 2 and 3, Nately Defender, Nately Review, Nately Banner, J. B. Hogate. Stallion, one year old—Mars Jr., J. E. Barrick, Humberstone. Stallion, any age—Sand Boy, J. M. Gardhouse. Filly, three years old—1, Lancashire Lass, Morris & Wellington; 2, Lady Darnly, J. M. Gardhouse. Filly, one year old—1, Lady Luetta, J. M. Gardhouse; 2 and 3, Lady Penzance, Althea, Morris & Wellington. Brood mare, with foal of the same breed by her side—1, Laura, John Gardhouse & Sons, Highfield; 2, Moulton Marianne, Morris & Wellington. Foal of 1904—1, Rival Duke, John Gardhouse & Sons; 2, Admiral Togo, Morris & Wellington. Best mare of any age—Lady Luetta, J. M. Gardhouse.

HEAVY DRAFT (Canadian-bred).—Stallion, four years old and upward—1, Prince Henry, Neil Sinclair & Son, Coldstream; 2, Jubilee Chief, R. Newman, Woodford; 3, Gordon Anderson, I. Stanley, Paisley. Stallion, three years old—1, All Gold, Tanner Bros., Caledonia; 2, Brookdale, Davis & Graham, Schomberg; 3, Toronto Stamp, M. Soper, Malton. Stallion, two years old—1, MacAirlie's Best, Graham Bros., Claremont; 2, Wild America, Andrew Grady, Mayfield; 3, Maclure, G. Davidson & Sons, Cherrywood. Stallion, one year old—1, Sir Hector, T. A. Wood, Bradford; 2, Black Diamond, C. O. Woolley, Port Royal; 3, Prince Radiant, J. F. Staples, Ida. Heavy draft, gelding or mare, four years old or over—1, Nat. W. Hendrie, Toronto; 2, Fitz, B. H. Millard, Orillia; 3, Major, Donovan & Robins; 4, Itonia Queen, Hodgkinson & Tisdale. Heavy draft stallion, any age—MacAirlie's Best, Graham Bros., Claremont. Filly, three years old—1, Florodora, J. F. Staples, Ida; 2, Jessie, J. C. Ross, Jarvis; 3, Nellie, J. E. Fells, Belgrave. Filly, two years old—1, Queen Bess, G. Davidson & Sons, Cherrywood; 2, Darling, C. F. Maw, Omagh; 3, Gold Wave, Graham Bros.; 4, Blossom, J. C. Ross. Filly, one year old—1, Miss Russell, J. M. Gardhouse, Weston; 2, Miss Rogie, John Graham,

Derry West. Brood mare, with foal of the same breed by her side—1, Fair Queen, G. Davidson & Sons; 2, Minnie, Hodgkinson & Tisdale; 3, Moss Rose, Hodgkinson & Tisdale, Beaverton. Foal of 1904—1, Dulcie, Hodgkinson & Tisdale; 2, MacArley, G. Davidson & Sons; 3, Lallie, Hodgkinson & Tisdale. Mare, two of her progeny—1, Fair Queen, G. Davidson & Sons; 2, Moss Rose, Hodgkinson & Tisdale. Best mare of any age—Queen Bess, G. Davidson & Sons. Progeny prize for four draft colts not over two years old, any breed, the progeny of one stallion—1, Macqueen's, Graham Bros.; 2, Foremost's, Hodgkinson & Tisdale.

HACKNEYS.—Stallion, four years old and upwards—1, Saxon, Robert Beith, Bowmanville; 2, Bell Boy, Robert Ness & Sons, Howick, Que.; 3, Hillhurst Sensation, A. Yeager, Simcoe; 4, Barthorpe Performer, Brown & Burrell, Brampton. Stallion, three years old—1, Thornton Royalty, J. B. Hogate, Sarnia; 2, Income, W. C. Quickfall, Glenallan; 3, Norfolk Performer, Dent Dalton, Delhi; 4, Ivanhoe, R. Beith. Stallion, two years old—1, St. David, R. Beith; 2, Cliff Rosader, R. Beith; 3, Salford Roseus, J. B. Hogate, Sarnia; 4, Terrington Bellerophon, R. Beith. Stallion, one year old—1 and 2, Lord Meltonby and Mr. Dooly, R. Beith; 3, Square Shot Jr., A. G. Luxton, Milton. Stallion, any age—Saxon, R. Beith. Filly, three years old—1, Smylett Duchess, R. Beith; 2, Woodland's Queen, A. G. H. Luxton. Filly, two years old—1, Terrington Bon-nibel, R. Beith; 2, Rickell's Heiress, H. N. Crossley, Rosseau. Filly, one year old—1 and 2, Rosalie and Wild Violet, R. Beith. Brood mare, with foal of the

(Continued on next page.)

Settlers' Low Rates West.

Via the Chicago and North Western Ry. every day from Sept. 15th to Oct. 15th, settlers' one-way, second-class tickets at very low rates, from Chicago to points in Utah, Montana, Nevada, Idaho, Oregon, Washington, California, also to Victoria, Vancouver, New Westminster, Rossland, and other points in the Kootenay district. Correspondingly low rates from all points in Canada. Full particulars from nearest ticket agent, or B. H. Bennett, General Agent, 2 King St., East, Toronto, Ont.

GOSSIP.

FOREST VIEW HEREFORDS.

Forest View Stock Farm lies in Lambton Co., Ont., half a mile from the town of Forest, on the G. T. R., and is the property of Mr. John A. Govenlock, breeder and importer of Hereford cattle. On the farm just now are about 25 head of imported and Canadian-bred animals, many of them being prizewinners of considerable repute. At the head of the herd is the massive, thick-fleshed, prize-winning bull, Imperial—2034—, 160500, bred by C. W. Armour, Kansas City, sired by Mr. Armour's 4,000-dollar bull, Majestic, dam Butter Maid 2nd. Imperial was shown four times last year, and won four first prizes. This year he has only been shown once, that at Toronto, when he won second prize in a very strong competition. Among the many good females of the herd is Gem 45th (Imp.), bred by G. H. Green, Leintwardine, England, sired by Hopeful 18th, dam Gem 36th. Last year she won several firsts at county shows and third at London. A son of hers, Forest Hustler, sired by Majestic, is a seven-months-old youngster that is something extra good. Forest Lady, by Lambton's Pride, is another of the big, thick cows that has numerous prizes to her credit, including second at Toronto last year. She has now a splendid nine-months-old heifer calf, by Imp. England. The writer was particularly struck by the grand appearance of the ten-months-old bull, Forest Pride, out of the cow, Julia 1911, and sired by Whitney, winner of first prize at London, 1902. This calf won first at Toronto this year. There are also several other young bulls, sired by Imp. England, that are the right kind. Also a number of choice heifers, by the same sire, that Mr. Govenlock is offering for sale. He also has on hand for sale, Mountain Boy 53286, a roan ten-months-old Shorthorn bull, by Vincent Cavalier—34266—, dam Flossie—45220—. This young bull is a good one, and will be sold cheap.

Canadian National Exhibition Prize List—Continued.

same breed by her side—1, Queen of the Party, H. N. Crossley, Rosseau; 2, Canadian Queen, R. Beith; 3, Lady Burkfield, R. Beith. Foal of 1904—1, Miss Saxon, H. N. Crossley; 2 and 3, Sir Wilfrid and Weverley Enchantress, R. Beith. Best mare of any age—Priscilla, R. Beith.

CARRIAGE AND COACH.—Stallion, four years old and upwards, 16 hands and over—1, T. W. Smith, Glanford, British Picador; 2, J. L. Reid, Derry West, General Buller; 3, W. J. Harris, Schomberg, Kaiser Wilhelm. Stallion, three years old—1, Telfer Bros., Milton, Boston Chief; 2, Ness & Sons, Howick; 3, George Bickell, Valens, Wentworth George. Stallion, two years old—1, W. F. Wilson, Watford, Sensation; 2, S. Johnson, Britannia, Wiley. Stallion, one year old—1, Telfer Bros., Performer; 2, John Cannawin, Alton, King Edward. Stallion of any age—1, J. W. Smith, British Picador. Filly, three years old—1, F. E. Shaver, Islington, Jessie May; 2, George E. Castle, Milton West, Queen G. Filly, two years old—1, C. D. Woolley, Port Ryerse, Blue Bells; 2, A. Yeager & Co., Simcoe, Sapphire; 3, C. D. Woolley, Cherry Blossom. Filly, one year old—1, R. B. Dent, Drumquin, Nellie; 2, G. A. Bennett & Sons, Carlisle, Maady; 3, C. D. Woolley, Gem of Norfolk. Brood mare, 16 hands or over, with foal of same breed by her side—1, J. L. Reid, Derry West, May Flower; 2, G. A. Bennett & Sons, Carlisle, Shining Jewel; 3, James Tilt, Brampton, Belle. Foal of 1904—1, James Tilt, Minnie Keswick; 2, G. A. Bennett & Sons; 3, Morris & Wellington, Fonthill, Kipling. Best mare of any age—1, Hugh S. Hunter, Smith's Falls, Miss Canada.

STANDARD-BRED HORSES.—Stallion, four years and upwards—1, Oro Wilks, Miss K. L. Wilks, Galt; 2, The Bison, W. H. Riddell, Orangeville; 3, Golden Jubilee, Armstrong & Cheyne, Brampton. Stallion, three years old—1, Rex W., Miss K. L. Wilks; 2, Lord Hunter, Isaac Stanley, Paisley. Stallion, two years old—1, Earl of Chester, Robt. Davies, Toronto; 2, Orondell, Miss K. L. Wilks; 3, Rectara, J. L. Reid, Derry West. Stallion, one year old—1, Lord Bryson, Hugh Scott, Toronto; 2, Cruickston, Miss K. L. Wilks; 3, Celentas, A. C. McMillan, Erin. Stallion of any age—1, Oro Wilks, Miss K. L. Wilks. Filly, three years old—1, Mabelett, John Crawford, Toronto; 2, Wild Brino Girl, Angus Kerr, Toronto. Filly, two years old—1 and 2, Baroness Dorrie and Clara Bell, Miss K. L. Wilks. Filly, one year old—Draga, R. A. Stephens, Barrie. Brood mare, with foal of same breed by her side—Viola E., Paterson Bros., East Toronto. Foal of 1904—Dundonald, Paterson Bros. Best mare of any age—Viola E., Paterson Bros. Best mare or gelding, exhibited in single harness—Derby King, A. Yeager, Simcoe.

THOROUGHBREDS.—Stallion, four years old and upwards—1, Milner, J. E. Seagram, Waterloo; 2, Magnus Troil, I. Stanley, Paisley. Stallion, four years old and upwards, best calculated to produce hunters and saddle horses—1, Commoisseur, J. E. Seagram; 2, Ben Carrick, L. H. Kemp, Oakville; 3, Dalmoor, E. Whyte, Aldershot; 4, Magnus Troil, I. Stanley. Stallion, three years old—1, Bill of the Play, J. G. Barbour, Toronto. Stallion, two years old—1, Moonraker, J. Meagher, Toronto; 2, Phino, J. E. Seagram. Stallion, one year old—1, Slaughter, J. E. Seagram; 2, Billeneer, J. W. Barbour. Best stallion, of any age—Milner, J. E. Seagram. Filly, three years old—1, Conspiracy, G. W. Ross, Toronto; 2, Butter Ladle, P. Maher, Toronto. Filly, two years old—1, Have a Care, J. E. Seagram; 2, Congenial, J. E. Seagram. Filly, one year old—1, Forty Winks, J. E. Seagram; 2, Hawke, J. E. Seagram. Best mare, any age—Have a Care, J. E. Seagram, Waterloo.

SHEEP.

COTSWOLDS.—Ram, two shears and over—1, J. C. Ross, Jarvis; 2, T. Hardy Shore & Sons, Glanworth; 3, Elgin F. Park, Burgessville. Shearling ram—1, Park; 2, Ross; 3, Shore & Sons. Ram lamb—1 and 2, Park; 3, Ross. Best ram, any age—E. Park. Best ewe, two shears and under three—1 and 3, Park; 2, Ross. Shearling ewe—1, Park; 2, Shore & Sons; 3, Ross. Ewe lamb—1 and 3, Park; 2, Ross. Best ewe, any age—E. Park. Pen of Cotswolds, ram lamb and three ewe lambs, bred by ex-

hibitor—1, Shore & Sons; 2, Park. Pen of Cotswolds, one ram, two ewes, one year old and under three years, and two ewe lambs—1, Park; 2, Ross. Pen of Cotswolds, one ram, two ewes, one year old and under three years, and two ewe lambs, bred and owned by the exhibitor—1, Shore & Sons; 2, Park.

LEICESTERS.—Ram, two shears and over—1, A. W. Smith, Maple Lodge; 2, Hastings Bros., Crosshill; 3, A. & W. Whitelaw, Guelph. Shearling ram—1, Smith; 2 and 3, Hastings Bros. Ram lamb—1, Hastings Bros.; 2, Smith; 3, Chas. F. Maw, Omagh. Best ram, any age—A. W. Smith. Ewe, two shears and under three—1, Whitelaw; 2, Maw; 3, Smith. Shearling ewe—1 and 3, Smith; 2, Hastings Bros. Ewe lamb—1 and 3, Smith; 2, Hastings Bros. Best ewe lamb, any age—A. W. Smith. Pen of Leicesters, ram lamb and three ewe lambs, etc.—1, Smith; 2, Hastings Bros. Pen of Leicesters, one ram, two ewes, one year old and under three years, and two ewe lambs—1, Smith; 2, Maw. Pen of Leicesters, one ram, two ewes, one year old and under three years, and two ewe lambs, bred and owned by the exhibitor (Canadian-bred)—1, Hastings Bros.; 2, Smith. Specials offered by A. L. G. A. for best flock of Leicesters, etc.—1, Smith; 2, Hastings Bros.; 3, Maw.

SHROPSHIRE.—Ram, two shears or over—1, John Campbell, Woodville; 2, W. S. Carpenter, Simcoe; 3, Lloyd-Jones Bros., Burford. Shearling ram—1, Richard Gibson, Delaware; 2, Robt. Miller, Stouffville; 3, Carpenter. Ram lamb—1, Carpenter; 2, Lloyd-Jones Bros.; 3, Telfer Bros., Paris; 4, Campbell. Best ram, any age—R. Gibson. Ewe, two shears and under three—1 and 2, Campbell; 3, Carpenter. Shearling ewe—1 and 2, Campbell; 3, Gibson. Ewe lamb—1, J. Dryden & Son; 2, Carpenter; 3, Campbell. Best ewe, any age—Jno. Campbell. Pen of Shropshires, one ram lamb and three ewe lambs, etc.—1, Campbell; 2, Carpenter. Pen of Shropshires, one ram, two ewes, one year old and under three years, and two ewe lambs—1, Campbell; 2, Dryden & Son. Pen of Shropshires, Canadian-bred, one ram, two ewes, one year old and under three years, and two ewe lambs, bred and owned by the exhibitor—1, Carpenter; 2, Campbell. Best flock of registered Shropshires, one year old and over, one ram and two ewes—1, Carpenter; 2, Campbell; 3, J. G. Hamner, Brantford. Best flock of four registered Shropshire lambs, one ram lamb and three ewe lambs—1, Carpenter; 2, Campbell; 3, Hamner. Sweepstakes, best ram, any age—W. S. Carpenter. Sweepstakes, best ewe, any age—Jno. Campbell.

OXFORD DOWNS.—Ram, two shears and over—1 and 2, Henry Arkell, Arkell. Shearling ram—1 and 3, Arkell; 2, J. W. Lee & Sons, Simcoe. Ram lamb—1 and 3, Arkell; 2, Lee & Sons. Best ram, any age—H. Arkell. Ewe, two shears and under three—1 and 2, Arkell; 3, Lee & Sons. Shearling ewe—1, 2 and 3, Arkell. Ewe lamb—1 and 2, Arkell; 3, Lee & Sons. Best ewe, any age—H. Arkell. Pen of Oxford Downs, one lamb and three ewe lambs, bred by exhibitor—1, Lee & Sons. Pen of Oxford Downs, one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2, Arkell. Pen of Oxford Downs, Canadian-bred, one ram, two ewes, one year old and under three years, and two

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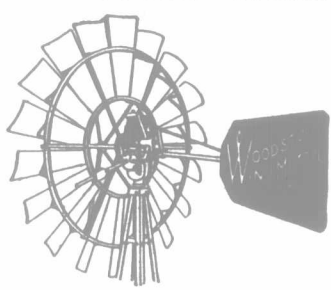
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Advertisement for Hillhurst Farm (Established 40 years) featuring Hampshire Down Dispersion, Shorthorn Bulls, and other livestock. Includes contact information for JAS. A. COCHRANE.

Canadian National Exhibition Prize List—Continued.

ewe lambs, bred and owned by exhibitor—1, Lee & Sons.

SOUTHDOWNS.—Ram, two shears and under—1, Telfer Bros., Paris; 2, Geo. Miller, Markham; 3, W. I. Martin, Binbrook. Shearling ram—1 and 2, Telfer Bros.; 3, Miller. Ram lamb—1 and 2, Telfer Bros.; 3, Martin. Best ram, any age—Telfer Bros. Ewe, two years and under—1 and 2, Telfer Bros.; 3, Miller. Shearling ewe—1 and 2, Telfer Bros.; 3, Martin. Ewe lamb—1 and 2, Telfer Bros.; 3, Miller. Best ewe, any age—Telfer Bros. Pen of Southdowns, one ram lamb and three ewe lambs, bred by exhibitor—1, Martin; 2, Telfer Bros. Pen of Southdowns, one ram, two ewes, one year old and under three years, and two ewe lambs—1, Telfer Bros.; 2, Martin. Pen of Southdowns, Canadian-bred, one ram, two ewes, one year old and under three years, and two ewe lambs, bred and owned by exhibitor—1, Miller; 2, Martin.

DORSET HORNED SHEEP.—Ram, two shears and over—1 and 2, John A. McGillivray, Uxbridge; 3, R. H. Harding, Thorndale. Shearling ram—1, 2 and 3, McGillivray. Ram lamb—1 and 2, McGillivray; 3, Harding. Best ram, any age—J. McGillivray. Ewe, two shears and under three—1, McGillivray; 2 and 3, Harding. Shearling ewe—1, 2 and 3, McGillivray. Ewe lamb—1, Harding; 2 and 3, McGillivray. Best ewe, any age—Jno. McGillivray. Pen of Dorset Horns, one ram lamb and three ewe lambs, bred by exhibitor—1, McGillivray; 2, Harding. Pen of Dorset sheep, one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2, McGillivray. Pen of Dorset Horn sheep, Canadian-bred, one ram, two ewes, one year old and under three years, and two ewe lambs, bred and owned by the exhibitor—1, McGillivray; 2, Harding.

LINCOLNS.—Ram, two shears and over—1 and 2, J. T. Gibson, Denfield; 3, J. Patrick, Ilderton. Shearling ram—1 and 2, Gibson. Ram lamb—1, 2 and 3, Gibson. Best ram, any age—J. T. Gibson. Ewe, two shears and under three—1 and 2, Gibson; 3, Patrick. Shearling ewe—1 and 2, Gibson; 3, Patrick. Ewe lamb—1, 2 and 3, Gibson. Best ewe, any age—J. T. Gibson. Pen of Lincolns, one ram lamb, and three ewe lambs, bred by exhibitor—1, Gibson. Pen of Lincolns, one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2, Gibson. Pen of Lincolns, Canadian-bred, one ram, two ewes, one year old and under three years, and two ewe lambs, bred and owned by the exhibitor—1, Patrick; 2, Gibson.

HAMPSHIRE AND SUFFOLK DOWNS.—All prizes to Telfer Bros., Paris. FAT SHEEP.—One fat wether, under two years, long-wooled—1, A. & W. Whitelaw, Guelph. 2 and 3, J. T. Gibson, Denfield. One fat wether, under one year, long-wooled—1, Whitelaw; 2, Chas. Maw, Omagh; 3, Hastings Bros., Crosshill. One fat wether, under two years, short-wooled—1, Telfer Bros., Paris; 2 and 3, John Campbell, Woodville. One fat wether, under one year, short-wooled—1, Telfer Bros.; 2 and 3, Campbell.

(Continued on next page.)


In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.

Canadian National Exhibition Prize List—Continued.

CATTLE.

SHORTHORNS.—Bull, three years old and upwards—1, Sir Wm. Van Horne, Selkirk, Man., Prince Sunbeam; 2, J. G. Robbins & Son, Horace, Ind., Lord Chesterfield; 3, W. B. Watt & Sons, Salem, Valasco; 4, W. C. Edwards & Co., Rockland, Village Champion. Bull, two years old and under three—1, H. Smith, Exeter, Gold Drop; 2, G. W. Oke, Alvinston, Invincible; 3, Richard Gibson, Delaware, Gay Lothario; 4, Jno. Gardhouse & Son, Highfield, Scottish Prince.

Senior yearling bull, calved before Jan. 1, 1903, and under two years—1, Hon. John Dryden & Son, Brooklin, Clipper Prince; 2, Goodfellow Bros., Macville, Remus; 3, J. & W. Russell, Richmond Hill, Breastplate; 4, T. E. Robson, Inder-ton, White Hall Ramsden. Junior yearling bull, calved on or after Jan. 1, 1903—1, John Dryden & Son, Eden Prince; 2, T. E. Robson, Admiral Chesterfield; 3, Sir Wm. Van Horne, Vain Barron; 4, George Amos & Son, Moffat, Old Lancaster. Senior bull calf, calved before Jan. 1, and under one year—1, Thomas Redmond, Millbrook, Marigold Sailor; 2, W. C. Edwards & Co., Red Champion; 3, J. G. Robbins & Son, Lavender Lad; 4, John Dryden & Son, Bertie's Hero; 5, W. G. Pettit & Son, Freeman, Royal Coronet. Junior bull calf, calved on or before Jan. 1, 1904—1, R. & S. Nicholson, Sylvan, Advance Guard; 2, E. C. Attrill, Goderich, Blythstone Ruler; 3, Sir Wm. Van Horne, Trout Creek Guard; 4, Jas. Crerar, Shakespeare, Scotchman; 5, Edwards & Co., Rob Roy. Senior bull champion, over two years old—Sir Wm. Van Horne, Prince Sunbeam. Junior bull champion, under two years old—1, T. Redmond, Millbrook. Bull, grand champion—Sir Wm. Van Horne, Prince Sunbeam. Cow, three years old and over—1, Sir Wm. Van Horne, Mayflower 3rd; 2, J. G. Robbins & Son, Lad's Lady; 3, J. G. Robbins & Son, Lad's Rose; 4, Goodfellow Bros., Macville, Watercross. Heifer, two years old and under—1, Edwards & Co., Missie of Pine Grove; 2, J. G. Robbins & Son, Lad's Missie; 3, Sir Wm. Van Horne, Mildred XII.; 4, I. Groff, Alma, Lady Fanny IX. Senior yearling heifer—1, J. G. Robbins & Son, Lad's Emma; 2, W. B. Watt's Sons, Tiny Maud; 3, T. E. Robson, Lady Dorothy 41st; 4, Geo. Amos & Son, Moffat, Maria 12th. Junior yearling heifer—1, W. C. Edwards & Co., Zoe of Pine Grove; 2, Sir Wm. Van Horne, Collynie Bashful; 3, James A. Crerar, Shakespeare, Gem of Ballechin 3rd; 4, W. C. Edwards & Co., Missie of Pine Grove. Senior heifer calf—1, Sir Wm. Van Horne, Spicy's Duchess; 2, W. B. Watt's Sons, Felicia; 3, J. G. Robbins & Son, Pluto's Berry; 4, Hon. John Dryden & Son, Golden Sunbeam; 5, Edward C. Attrill, Goderich, Lady Hope of Ridgewood. Junior heifer calf—1, J. G. Robbins & Son, Lad's Clara; 2, T. E. Robson, Queen Sunbeam; 3, Jas. A. Crerar, Scottish Lass; 4, H. Smith, Exeter, Springhurst's Gem; 5, J. G. Robbins & Son, Lad's Emma 2nd. Senior champion female, over two years—1, Sir Wm. Van Horne, Mayflower 3rd. Junior champion female, under two years—1, J. G. Robbins & Son, Lad's Emma. Female grand champion—1, Sir Wm. Van Horne, Mayflower 3rd. Graded herd, bull two years old and over, cow three years old and over, heifer two years and under three, heifer one year and under two and heifer under one year—1, Sir Wm. Van Horne; 2, J. G. Robbins & Son; 3, W. C. Edwards & Co. Junior herd, one bull under two years old, two heifers one year old and under two, and two heifers under one year—1, J. G. Robbins & Son; 2, W. C. Edwards & Co.; 3, Sir Wm. Van Horne. Best four calves, bred and owned by the exhibitor—1, J. G. Robbins & Son; 2, H. Smith; 3, W. C. Edwards & Co.; 4, Hon. John Dryden. Best three animals, get of one bull, owned by exhibitor—1, J. G. Robbins & Son; 2, W. C. Edwards & Co.; 3, Hon. John Dryden & Son; 4, H. Smith. Two animals, progeny of one cow, owned by exhibitor—1, J. G. Robbins & Son; 2, W. C. Edwards & Co.; 3, J. G. Robbins & Son. Steer, sired by Shorthorn bull, under three years—1, James Leask, Greenbank; 2 and 3, Jas. Rennie & Son, Blackwater. Steer, under two years—1, Jas. Rennie & Son; 2, W. R.



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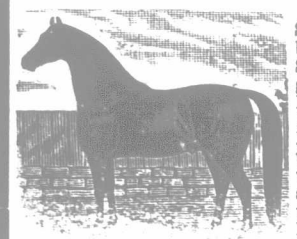
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We have a choice lot of pure-bred Percherons for sale, ranging from 2 to 4 years of age, with size and quality 1 colt not 2 yet, weighs 1,600 lbs. He won 3rd place at Chicago

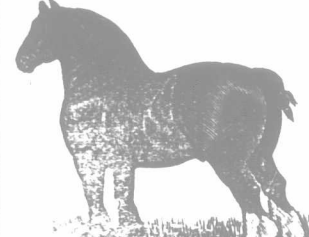
last fall with colts nearly 4 mos. older. Other prizewinners in our bunch. Prices right; terms easy. All horses guaranteed. Come and see us or write. Address: **L. A. & E. J. WIGLE, Kingsville, Ont.**

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For the cure of Spavins, Ringbones, Curbs, Splints, Windgalls, Capped Hoof, Strains or Bruises, Thick Neck from Disemper, Ringworm on Cattle, and to remove all unnatural enlargements. This preparation (unlike others) acts by absorbing rather than blistering. This is the only preparation in the world guaranteed to kill a Ringbone or any Spavin, or money refunded, and will not kill the hair. Manufactured by DR. FREDRICK A. PAGE & SON, 7 and 9 YORKANNA ROAD, LONDON, E.C. Mailed to any address upon receipt of price, \$1.00. Canadian agents: **J. A. JOHNSTON & CO., DRUGGISTS,** 171 King Street East, - Toronto, Ont.

Imported Clydesdales



My lot of selected stallions and fillies just landed were got by such noted sires as Senator's Heir, Lord Lovat, Prince of Carman (815), Moncreiffe Marquis (9953) and others noted for their individual quality.

GEO. STEWART, Howick, P. Q.

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For price and particulars write to **R. & C. PALING,** O Calderdale Stn., & Tel. - - North Service

CLAYFIELD STOCK FARM

Clydesdales, Shorthorns and Cotswold Sheep for sale. For prices and description write to **J. C. ROSS Jarvis, Ont.**

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Present offerings imported and home-bred fillies. For particulars write to above firm.

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KINELLAR LODGE STOCK FARM

Clydesdales. Shorthorns. Cotswolds and Berkshire pigs. Special offering at present of young stock. Cotswolds of all ages and Berkshire pigs. **J. I. BALSDON, Box 64, Markham P. O. & Stn., Ont.**

Elliott & Sons, Guelph; 3, Jas. Leask. Steer calf—1, Jas. Leask; 2, Israel Groff, Alma; 3, Jas. Leask.

HEREFORDS.—Bull, three years and over—1 and 3, The F. W. Stone Stock Co., Guelph, Baronet and Clarence 2nd; 2, Jno. R. Penhall, Nober, Corporal (imp.) Bull, two years old—1, H. D. Smith, Compton, Que., Bourton Ingleside; 2, W. H. Hunter, The Maples, Improver. Bull, one year old—1, W. H. Hunter, Orion; 2, J. A. Govenlock, Forest, Imperial; 3, Stone Stock Co., Prince Charming. Bull, under one year—1, J. A. Govenlock, Forest Pride; 2 and 3, W. H. Hunter, Spartacus and Homer. Bull, any age (sweepstakes)—H. D. Smith, Bourton Ingleside. Cow, four years and over—1, H. D. Smith, Duxmoor Brenda (imp.); 2, W. H. Hunter, Buttermaid 2nd (imp.); 3, Stone Stock Co., Peach 34th. Cow, three years old—1, Stone Stock Co., Sweetheart 34th; 2, H. D. Smith, Amy 3rd of Ingleside; 3, J. A. Govenlock, Ruby. Heifer, two old—1, H. D. Smith, Sylvan 19th of Ingleside; 2 and 3, Stone Stock Co., Sweet Bar and Hazel Bar. Heifer, one year old—1 and 2, Stone Stock Co., Heliotrope and Peachstone C.; 3, J. A. Govenlock, Rosebud. Heifer, under one year—1, H. D. Smith, Sylvan 20th; 2 and 3, W. H. Hunter, Lady Claire and Prudence. Female, any age (sweepstakes)—Stone Stock Co., Sweetheart 34th. Graded herd—1, W. D. Smith; 2, Stone Stock Co.; 3, W. H. Hunter. Junior herd—1, W. H. Hunter; 2, J. A. Govenlock; 3, Stone Stock Co. Bull, grand champion—H. D. Smith, Bourton Ingleside. Female, grand champion—Stone Stock Co., Sweetheart 34th.

ABERDEEN-ANGUS.—Bull, three years old and upward—1 and 2, Wm. R. Stewart, Lucasville, Goderich Chief and Scots. Bull, one year—1 and 2, James Bowman, Guelph, Elm Park King and Elm Park Master; 3, Wm. R. Stewart, Royal of Willow Grove. Bull calf, under one year—1, James Bowman, Elm Park Kaiser; 2, Elm Park Ringleader; 3, Elm Park Mikado. Bull of any age (sweepstakes)—Wm. Stewart. Herd of four calves, bred and owned by exhibitor—1, James Bowman; 2, W. R. Stewart. Cow, three years old—1, James Bowman, Elm Park Mayflower; 2, Wm. R. Stewart, Maple Bank Bess; 3, James Bowman, Elm Park Belle III. Heifer, two years old—1, James Bowman, Elm Park Belle III; 2, Wm. R. Stewart, Persophore; 3, James Bowman, Witch of Mote. Heifer, one year old—1, Wm. R. Stewart, Mayflower II; 2 and 3, James Bowman, Elm Park Kyma and Elm Park Mayflower. Heifer calf, under one year—1, 2 and 3, James Bowman. Graded herd, bull, two years old and over; cow, three years or over; heifer, two years and under three; heifer, one and under two years; heifer, under one year—1, Wm. R. Stewart. Female of any age (sweepstakes)—1, James Bowman, Elm Park Mayflower.

GALLOWAYS.—Bull, three years old and upwards—1, D. McCrae, Guelph, Cedric; 2, Robt. Shaw, Brantford, Viceroy of Castlemilk; 3, D. McCrae, Guelph, Victory. Bull, two years old—1, D. McCrae, Wedholme. Bull, one year old—1, D. McCrae, Cedric, Druid; 2, Robt. Shaw, King Vick. Bull calf, under one year—1, D. McCrae, King Herod; 2, Robert Shaw, Black Tom. Bull of any age (sweepstakes)—1, D. McCrae, Cedric. Cow, three years old—1 and 2, D. McCrae, Grisel 11th and Lismore Lady; 3, Robt. Shaw, Belle B. Heifer, two years old—1, D. McCrae, Fairy Rose; 2, Robt. Shaw, Muriel; 3, Liza Lass. Heifer, one year old—1, D. McCrae, Lady Ulrica; 2, Robt. Shaw, Floer B' the Corn; 3, Kate S. 2nd. Heifer calf, under one year—1, Robert Shaw, Toronto Maid; 2, D. McCrae, Lismore Lassie. Graded herd, bull two years old and over, cow three years or over, heifer two years and under three, heifer one year and under two, and heifer under one year—1, D. McCrae; 2, Robert Shaw. Female, of any age (sweepstakes)—D. McCrae, Grisel XI.

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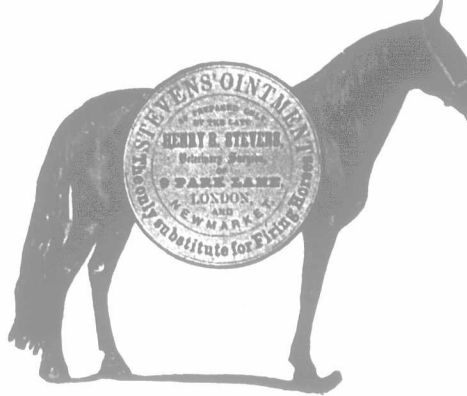
CLYDESDALES

One three-year-old stallion, first-prize winner at Toronto last spring; one two-year-old stallion; one one-year-old stallion; 5 foals, four of them stallions and one filly; and two year-old fillies. These animals are gilt edged, both in breeding and individuality. For description, see Goss's, Sept. 22nd issue. Will sell cheap for quick sale.

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Auction Sales of Horses, Carriages, Buggies, Harness, etc. every Tuesday and Friday at 11 o'clock. Special Sales of Thoroughbred Stock conducted. Consignments solicited. Correspondence will receive prompt attention. This is the best market in Canada for either buyer or seller. Nearly two hundred horses sold each week.

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Have just returned home with new importation of 13 Clydesdales and 2 Hackneys. Have now on hand 22 Clydesdale stallions and 4 choice Hackneys from such noted sires as Baron's Pride, Hiawatha, Clan Chattan, McGregor, Maines of Airies, etc. Will be sold on small profits. See our exhibits at Toronto.

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Harness Composition
Saddle Paste Saddle Soap
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The Pandora Reservoir is oval shaped, stamped in one piece from the best sheet steel—no seams, grooves, bolt heads or square corners to collect dirt—every square inch is easily cleaned.

Enamelled pure white, has a smooth, glossy, marble-like surface, easily and thoroughly cleansed—is so impossible to stain or taint that it can be used for boiling fruit ketchup, sauces, or any other preserving-time work, as well as for heating water.

No other range is fitted with an enamelled reservoir.

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22 PERCHERONS 22

Have just arrived from France with an importation of 22 high-class Percherons, a number of which we intend exhibiting at Toronto and other Canadian shows, and will be pleased to show them to intending purchasers.



They are descendants of such noted horses as Brilliant, Besique and Romulus. We also have a few choice Hackneys and Clydesdales that are also for sale on easy terms. Visitors always welcome to our stables.

HAMILTON & HAWTHORNE, Props.
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CLYDESDALE STALLIONS and FILLIES

Dalgaty Bros., London, Ont., have just landed a choice lot of Stallions and Fillies, the best that money could buy. They will be on exhibition at Toronto and London. See our horses and prices before buying elsewhere. Address all correspondence to

JAMES DALGETY, London, Ont.

SECURE THE BEST RESULTS BY
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Canadian National Exhibition Prize List—Continued.

JERSEYS.—Bull, three years old and upwards—1, B. H. Bull & Son, Brampton, Blue Blood; 2, David Duncan, Don, Golden Lad; 3, Wm. B. Cockburn, Hamilton, Pearl's Golden Crown. Bull, two years old—1 and 2, B. H. Bull & Son, Nameless King and Brother Blucher; 3, Thompson Porter, Carleton West, Porter's Rioter Pogis. Bull, one year old—1, Mrs. E. Lawrence, London West, Somerville; 2, B. H. Bull & Son, Monarch Lad; 3, David Duncan, Blue Blood of Don; 4, Wm. B. Cockburn, Chancellor. Bull calf, under one year—1, 2, 3 and 4, B. H. Bull & Son. Bull, calved after Jan. 1st, 1904—1, 3 and 4, B. H. Bull & Son; 2, David Duncan, Golden Lad of Don. Bull, any age, sweepstakes—B. H. Bull & Son, Nameless King. Cow, four years old and upwards—1, B. H. Bull & Son, Minette of Brampton; 2, Wm. B. Cockburn, Mokena's Pet of Oak Grove; 3, David Duncan, Gussie of Curtinew; 4, B. H. Bull & Son, Blanche's Golden Lass. Cow, three years old—1, B. H. Bull & Son, Imp. Sweet Eyes; 2, David Duncan, Reginitas Pet of Don 2nd; 3, B. H. Bull & Son, Brampton Lass; 4, F. S. Hick, Toronto. Heifer, two years old—1, David Duncan, Lady Primrose of Don; 2, B. H. Bull & Son, Brampton's Bettina; 3, B. H. Bull & Son, Brampton's Monarch Fern. Heifer, one year old, in milk—1 and 2, B. H. Bull & Son; 3, Thompson Porter. Heifer, one year old, out of milk—1 and 2, B. H. Bull & Son; 3, David Duncan; 4, R. R. Fleming, Toronto. Heifer calf, under one year—1 and 2, B. H. Bull & Son; 3 and 4, David Duncan. Heifer calf, calved after Jan. 1, 1904—1, Thompson Porter; 2, Wm. B. Cockburn; 3, David Duncan; 4, B. H. Bull & Son. Four animals, the progeny of one bull, all bred and owned by exhibitor—1, David Duncan; 2, B. H. Bull & Son; 3, David Duncan; 4, Thompson Porter. Herd, consisting of one bull and three heifers, under two years old—1, David Duncan; 2 and 3, Bull & Son; 4, D. Duncan. Herd of one bull, any age; two females, over three years old; one female, two and under three; one female, over one and under two, and one female, under one year, owned by exhibitor—1, Bull & Son; 2, D. Duncan; 3, Bull & Son; 4, Wm. Cockburn. Female of any age (sweepstakes)—B. H. Bull & Son, Minette of Brampton.

AYRSHIRES.—Bull, three years old and upwards—1, R. Reford, St. Anne de Bellevue, Que., Howie's Fizzaway; 2, R. Hunter & Son, Maxville, Lessnessock King of Beauty; 3, W. Stewart & Son, Menie, Hover-a-Blink; 4, A. Hume & Co., Menie, Prince of Barcheskie. Bull, two years old—1, A. Hume & Co., Lessnessock Royal Star; 2, W. Ogilvie, Lachine Rapids, Lessnessock Royal Warrant; 3, W. Stewart & Son, Rob Roy. Bull, one year old—1, R. Reford, Right-Away of St. Anne; 2, J. G. Clark, Ottawa, Sir Oliver of Woodroffe; 3, W. Ogilvie, Pilot of Glenora; 4, R. Hunter & Sons, Garclough Royal Edward. Bull calf, under one year—1, W. Ogilvie, Prince Sunbeam of Glenora; 2 and 3, R. Reford, Castle Glen of St. Anne; 4, J. G. Clark, Reliance of Woodroffe. Bull calf—1, W. Ogilvie, Pearl Stone of Glenora; 2, R. Reford, Dudley White of St. Anne; 3, J. G. Clark, Admiral Togo of Woodroffe; 4, W. Stewart & Sons, Irishman's Duke. Bull of any age—R. Reford, Howie's Fizzaway. Cow, four years old and upwards—1, R. Hunter & Sons, Garclough Bloomer 2nd; 2, R. Reford, Bluebell of Hillhouse; 3, W. Ogilvie, Favorite of Auchenbrain. Cow, three years old—R. Reford, Bluebell First of St. Anne; 2, R. Hunter & Sons, Lessnessock Queen of Bloom; 3, R. Hunter & Sons, Lessnessock Stylish Alice; 4, W. Stewart & Son, Bessie Warkworth. Cow, dry, in calf, any age—1, R. Reford, Jessie of St. Anne; 2, Hume & Co., Little Love; 3, J. G. Clark, Loucain; 4, R. Hunter & Sons, Dewdrop of Springhill. Heifer, two years old—1, W. Ogilvie, Lessnessock Rare Bloom; 2, R. Hunter & Sons, Lessnessock Stylish Betty; 3, W. Ogilvie, Lady Grace of Glenora; 4, R. Reford, Auchenbrain Linburn. Heifer, one year old, out of milk—1, A. Hume & Co., White Heather; 2, W. W. Ogilvie, Madge of Glenora; 3, J. G. Clark, Flossie of Woodroffe; 4, W. Ogilvie.

(C. turned on next page.)



Sick Headache, Biliousness, Dyspepsia, Coated Tongue, Foul Breath, Heart Burn, Water Brash, or any Disease of the Stomach, Liver or Bowels.

Laxa-Liver Pills are purely vegetable, neither gripe, weaken nor sicken, are easy to take and prompt to act.

Clydesdales

AYRSHIRES and POULTRY.

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Importers of Clyde, Percheron and Hackney stallions, Ayrshire cattle, and poultry, have for sale 5 Clyde stallions, sired by Baron's Pride, Sir Everitt, and Royal Carick; 1 Percheron, and 1 Hackney, winners, Ayrshires, both sexes, and poultry.

CAIRNBROGIE

CLYDESDALES



OUR NEW IMPORTATION includes the best stallions and fillies that we were able to secure in Scotland, and we were first on the ground this year to make our selections.

Our object is not to import large numbers, but high quality stock. We shall be pleased to show our horses to visitors at the big fairs. Don't fail to see them, am.

GRAHAM BROS.,
Claremont, Ontario.

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Clydesdale Stallions.

For sale, reasonable. Come and see them or write to

Phillip Herold, V. S., Tavistock.

FOREST VIEW HEREFORDS. 4 bulls from 8 to 12 months old; prizewinners and from prize-winning stock. Several heifers bred on the same lines; choice individuals, for sale. JOHN A. GOVENLOCK, Forest Stn. and P.O.

THE SUNNYSIDE HEREFORDS headed by Imp. Onward, by March On, for sale. 16 choice bulls, imported and home-bred, from 1 to 2 years old; also 1 bull 13 months old, a high-class herd-header. All bulls are of the heavy, low-down, blocky type. We can yet spare a few choice cows and heifers. Inspection invited. O'NEIL BROS., Southgate, Ont., Luanan Station, G.T.R.; Iderton or Donfield on L.H. & E.

ELMHEDGE SCOTCH SHORTHORNS. Stamfords, Minas, Nonpareils, Crimson Flowers, Marr Floras and Lavinias. Our herd will stand comparison with any. We reserve nothing: 45 head of both sexes, all ages, for sale. JAMES BOWES, Strathnairn P.O., Menford Sta.

GREEN GROVE SCOTCH SHORTHORNS. Rose of Autumn, Isabellas, Floras, Urrys, Villages and Fairy Queens, both sexes and all ages, for sale. Something extra good in young bulls and heifers; nothing reserved. W. G. MILSON, Goring P. O., Markdale Sta.

J. WATT & SON

Herd numbers about 40 head of such prize-winning families as English Ladies, Strathallans, Missies, Crimson Flowers, Miss Ramsdens, Bessies, Duchess, Countess, etc. 1 imp. yearling bull, and a superior bull calf, from imp. sire and dam. Young stock always for sale. P. O., Salem, Ont. Elora Station, G.T.R. & C.P.R.



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SCOTCH SHORTHORNS

Young stock, either sex, for sale, from Beauchamp (imp.) 33053 and Kinellar Stamp, a Golden Drop show bull, and from dams of rich breeding. For price and particulars write to Solomon Shan's, Plum Grove Stock Farm, Haysville P.O., Baden Sta.

Forest Hill Stock Farm

Scotch Shorthorns young cows, heifers and young bulls for sale. For particulars apply to G. W. KEAYS, Hyde Park.

MY IMPORTATIONS OF SHORTHORNS AND SHROPSHIRE

are now in quarantine and the sheep will be home on the 5th of August. Have a few very high-class rams from the best breeders that I can sell at fair prices. Have also good home-bred rams and ewes. Write for particulars and prices. **ROBERT MILLER**, Stouffville, Ont. Representative in America of Alfred Mansell & Co., Shrewsbury, England.

Queenston Heights Shorthorns

FOR SALE.

2 strictly high-class bulls, fit to head any herd.

HUDSON USHER, Queenston, Ont.

High-Class Shorthorn Cattle and Oxford Class Down Sheep
Present offerings: Young stock, either sex. For prices and particulars write to **JAS. TOLTON & SON**, Walkerton, Ont.

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Scotch Shorthorns & Berkshire Swine

For sale: 7 young bulls of choice breeding, and a number of young cows and heifers; also a grand lot of young Berkshires of both sexes. Sta: Meadowvale or Streetsville Jct., C.P.R., and Brampton, G.T.R. Visitors welcomed. **S. J. PEARSON, SON & CO.**, Meadowvale P.O. & Tel., Ont.

SHORTHORNS AND SHROPSHIRE.
FOR SALE: Young bulls and heifers from best blood. Shearings and lambs bred from imp. stock on side of sire and dam. Prices reasonable. **E. E. PUGH**, Claremont P.O. and O.P.E. Sta.

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4 choice young Shorthorn bulls for sale, all sired by Prince of Banff (imp.) 45212; also two Clydesdale tallions. Prices right. Come and see me or write.

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Young stock of either sex from Imp. sires and dams, for sale. For prices, etc., write to

JOHN HILL.

Wellesley Stock Farm. Wellesley P.O. Waterloo Co.

Shorthorns, Cotswolds, Berkshires

FOR SALE.

Bull and heifer calves two to nine months; also cows and heifers.

In Cotswolds and Berkshires we have young stock of both sexes.

CHAS. E. BONNYCASTLE, Campbellford (Ontario) P.O. and Station.

W. G. PETTIT & SONS
FREMMAN, ONT.,
Importers and Breeders of
Scotch Shorthorns

130 head in the herd, 40 imported and 20 pure Scotch breeding cows. Present offering: 3 imported and 6 pure Scotch from imported sire and dam; 9 Scotch-topped from imported sires; also imported and home-bred cows and heifers of the most popular type and breeding. A few choice show animals will be offered.

Burlington Jct. Sta. Telegraph & Telephone

PROSPECT High-class SHORTHORNS

WILL FARM
FOR SALE: 4 bulls, from 7 to 12 months old; 2 sired by Aberdeen Hero (imp.), 2 by Royal Duke, he by Royal Sailor (imp.). Also some heifers bred to Wandering Count.

J. R. McCALLUM & SON, Iona Sta., Ont.

SHORTHORNS

Present offerings: Roan Robin 29575, a Watt bull; Prince Charlie 50412, a Russell bull. Also a few good females. For price and particulars write to **W. H. WALLACE**, Woodland Farm, Mount Forest, Ont.

Shorthorns, either sex; also Oxford rams, for price and particulars write to RICHARD WILKIN, Springfield Stock Farm, o Harriston, Ont.

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Bulls and heifers of the most approved breeding and quality. Clyde Fillies, imported and Canadian-bred. Shearling and Ram Lambs, imported. Mansell stock. Prices moderate. **G. A. BRODIE**, Bethesda, Ont., Stouffville Sta.

SHORTHORNS FOR SALE

One grand young bull, 18 months, a dark, rich red-roan, and a show animal; also some good cows and heifers. Come and see them.

Hugh Thomson, Box 556, o ST. MARY'S, ONT.

Rose Cottage Stock Farm SHORTHORNS
Royal Prince = 31241 = at the head, assisted by Sir Tatton Sykes = 49402 =, Royal Prince, the sire of Fair Queen, winner over all beef breeds at Chicago International Fat-stock Show, 1905. We have 6 heifers and 4 bulls for sale. **H. K. FAIRBAIRN**, Theford, Ont.

FOR SALE: STOCK BULL

Captain Bruce, quiet, active and sure. Also four young bulls, three roans and one red, from 10 to 16 months, of the low-down, thick-fleshed sort. Anyone wanting a first-class animal should come and see them, or write for prices.

W. McDERMOTT, Living Springs, Ont., Fergus Station.

Shorthorns, Berkshires and Leicesters.

FOR SALE: Choice two-year-old heifers, well gone in calf; also yearling heifers, bull calves. Bore and cows fit for breeding, and young pigs.

ISRAEL BROFF, ALMA, ONTARIO.

BARREN COW CURE

makes any animal under 10 years old breed, or refund money. Given in food twice a day. Particulars from **L. F. BELLECK**, Morrisburg, Ont.

We are offering for sale **Cows, Heifers and Young Bulls**, heavy milkers and bred on producing lines. **S. E. BECK**, South Cayuga, P.O.

SCOTCH SHORTHORNS

Five young bull's by imported and Canadian-bred sires and dams, also a few selected heifers, yearlings and two-year-olds, compose our present offering. **RICHARD OKE**, Alvinston, Ont.

Canadian National Exhibition Prize List—Continued.

Dorothy of Glenora. Heifer calf, under one year—1. W. W. Ogilvie, Edna May of Glenora; 2. J. G. Clark, Pitt II. of Woodroffe; 3. W. W. Ogilvie, Sweet Monica of Glenora; 4. R. Hunter & Sons, Lady Pringle of Springhill. Heifer calf, calved after January 1st, 1904—1. W. Stewart & Son, Lady Menie; 2. A. Hume & Co., Pride of Hume Farm; 3. A. Hume & Co., Lady Eileen. Four animals, the progeny of one bull, all bred and owned by the exhibitor—1. W. W. Ogilvie; 2. R. Reford; 3. A. Hume & Co.; 4. J. G. Clark. Herd, consisting of one bull and three heifers, under two years old, the heifers to have been bred by the exhibitor, and all to be owned by him—1. W. Ogilvie; 2. J. G. Clark; 3. W. Ogilvie; 4. A. Hume & Co. Herd, consisting of one bull any age, two females over three years old, one female over two and under three, one female over one and under two, one female under one year, all owned by the exhibitor—1. R. Hunter & Sons; 2. R. Reford; 3. W. Ogilvie; 4. Stewart & Son. Female of any age—R. Hunter & Sons, Garclough Bloomer 2nd.

HOLSTEINS.—Bull, three years old and upwards—1. Schuiling De Kol, James Rettie, Norwich; 2. Count of Maple Hill, G. W. Clemons, St. George. Bull, two years old—1. Cornelia's Posch, James Rettie; 2. Iosco Pride Pan-Am, W. H. Simmons, New Durham. Bull, one year old—1. Count Mercena Schuiling, W. H. Simmons, New Durham; 2. Artis Pietertje Posch, James Rettie; 3 and 4. Ganey and Faforit 10th's Champion, R. F. Heicks, Newtonbrook. Bull calf, under one year—1. G. W. Clemons; 2. Jas. Rettie; 3. W. H. Simmons. Sweepstakes, bull of any age—James Rettie, Norwich, Cornelia's Posch. Cow, four years old and up—1. Highland Cornelia, Jas. Rettie; 2 and 3. Faforit 3rd and Faforit 7th, R. F. Heicks; 4. Lady Pietertje Mercedes, W. H. Simmons; 5. Princess Pledge De Kol, G. W. Clemons. Cow, three years old—1 and 3. Julia Arthur and Helen Modjeska, G. W. Clemons; 2. Artis Pietertje Poem, Jas. Rettie; 4. Katie De Kol, W. H. Simmons; 5. Sylvia Tensen, S. R. Beck, South Cayuga. Heifer, two years old—1 and 2. Jas. Rettie; 3. G. W. Clemons; 4. S. R. Beck. Heifer, one year old—1. G. W. Clemons; 2. Jas. Rettie; 3. S. R. Beck; 4. R. F. Heicks. Heifer calf, under one year—1 and 3. Jas. Rettie; 2. 4 and 5. W. H. Simmons. Heifer calf, calved after Jan. 1, 1904—1 and 3. G. W. Clemons; 2. R. F. Heicks; 4. S. R. Beck. Four animals, the progeny of one bull, etc.—1. Jas. Rettie; 2. G. W. Clemons; 3. R. F. Heicks; 4. W. H. Simmons. Herd of one bull and four females, over one year—1. James Rettie; 2. G. W. Clemons; 3. W. H. Simmons; 4. R. F. Heicks. Young herd—1. James Rettie; 2. W. H. Simmons; 3. S. R. Beck. Female of any age—James Rettie, Norwich, Highland Cornelia.

SWINE

BERKSHIRES.—Boar, over two years—1 and 2. W. H. Durham, Toronto; 3. William B. Cockburn, Hamilton. Boar, over one and under two years—1 and 3. W. H. Durham; 2 and 4. Wm. Wilson. Boar, over six and under twelve months—1, 2 and 4. W. H. Durham; 3. Wm. Wilson. Boar, under six months—1. Wm. Wilson; 2 and 3. Thomas Teasdale, Concord; 4. W. H. Durham. Sow, over two years—1, 2 and 3. W. H. Durham; 4. W. B. Cockburn. Sow, over one and under two years—1 and 2. W. H. Durham; 3. W. B. Cockburn; 4. Wm. Wilson. Sow, over six and under twelve months—1 and 2. W. H. Durham; 3 and 4. Wm. Wilson. Sow, under six months—1, 2 and 3. Wm. Wilson; 4. Thomas Teasdale. Best Berkshire boar and two sows, any age—1, 2 and 3. W. H. Durham; 4. Wm. Wilson. Four pigs, under six months, the get of one boar, the produce bred and owned by the exhibitor—1. Wm. Wilson; 2. Thomas Teasdale.

YORKSHIRES.—Boar, over two years—1, 2 and 3. D. C. Flatt & Son, Millgrove. Boar, over one and under two—1. D. C. Flatt & Son; 2. R. F. Duck & Son, Port Credit; 3. J. Featherston & Son, Streetsville. Boar, under twelve months—1. Wm. Wilson; 2. Thomas Teasdale.

(Continued on next page.)

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FOR BARN WALLS AND FLOORS, HOUSES, SILOS, PIGPENS, HENHOUSES; AND SEWERS, TILE, ABUTMENTS AND PIERS, FOR BRIDGES, GRANULITIC SIDEWALKS; IN FACT, FOR ALL WORK THAT CAN BE DONE WITH CEMENT.

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WHOLESALE IN CAR LOTS ONLY.

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SHORTHORNS

Present offerings: 10 young bulls; also some heifers of choice breeding. For particulars write to

W. H. TAYLOR & SON, Parkhill, Ont.

SHORTHORNS and LINCOLNS

for sale: Choice bulls and heifers; also a few ram lambs, at reasonable prices, from imported and home-bred stock. Write for prices at once. **J. K. HUX**, Rodney P.O. & Stn., M.C.R. o

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Choice stock of different ages always on hand. Herd headed by Handoler 40106. Heavy milking cows in herd. Also offering a few ram lambs. **F. MARTINDALE & SON**, Caledonia Sta., o York P. O.

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Young stock of either sex for sale. Reasonable, considering quality. For particulars write to above firm.

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For Sale, two richly-bred bulls, 9 months and two years old, one sired by Lord Gloucester 28995, the other by Royal Standard 27134; also some good cows in calf, and heifers, all good Scotch blood. **DR. T. S. SPROULE**, Markdale P. O. and Station, o

PINE GROVE SHORTHORNS.

High-class SCOTCH SHORTHORNS and SHROPSHIRE SHEEP.

Herd won 1st prize, open to all ages, and for herd under 2 years, Dominion Exhibition, Toronto, '03, headed by imp. "Marquis of Zenda," bred by Marr; imp. "Village Champion," bred by Duthie; "Missie Champion," son of imp. "Missie 153rd," and "Clipper King," a Cruickshank Clipper. Imported and home-bred bulls and heifers for sale.

W. C. EDWARDS & Co., Ltd., Proprietors. **JOB. W. BARNETT**, Mgr., Rockland, Ont., Can.

BELLBROS., Cedar Stock Farm, Bradford, Ont.

Breed. Shorthorn Cattle and Shropshire Sheep

Present offering—Shorthorn cows and heifers, all ages; 2 young bulls. Shropshire ewes, all ages; also a fine crop of ram lambs.

SHORTHORNS.

Importer and breeder of choice Shorthorns. **Scottish Hero 156726** at the head of herd. **o JAS. A. OKERAR**, Shakespeare, Ont.

SHORTHORNS and LEICESTERS

Am offering young bulls and heifers from imp. sires, and the dams of the best Scotch families.

LEICESTERS

Choice yearling rams and yearling ewes, and this season's crop of lambs. Also a number of Berkshire pigs of both sexes ready to ship. For description and prices, write to **W. A. DOUGLAS**, Tuscarora P.O., Caledonia Station.

IMPORTED

SHORTHORNS and CLYDESDALES

15 imported Scotch Shorthorn heifers, all in calf or calves at foot; 2 imp. bulls; both in pedigree and individually these animals are gilt-edged. Four three-year-old imported Clydesdale fillies, very large and A1 quality.

ALEX. ISAAC, o Cobourg P.O. and Station

First-class Shorthorns

—Young cows and heifers of fashionable breeding. Also Shropshires of different ages. Write for prices, etc., to **T. J. T. COLE**, Bowmanville Sta., G. T. R. o Tyrone P. O.

WILLOW BANK STOCK FARM

Established 1855.

SHORTHORNS and LEICESTERS.

Young stock, by Rosicrucian of Dalmeny (imp.) and Christopher (imp.); heifers bred to Scotland's Challenge (imp.).

JAS. DOUGLAS, Prop., Caledonia, Ont.

High-class Shorthorns

—Two bulls ready for service. Also young cows and heifers of different ages, of the Lavina and Louisa families. For prices and particulars apply to **BROWN BROS., Lakeview Farm, Orono P. O.** Newcastle Station, G. T. R.

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INTERNATIONAL STOCK FOOD

"INTERNATIONAL STOCK FOOD" is a scientific, medicinal preparation, manufactured from nature's remedies, consisting of roots, herbs, seeds, barks, etc. It is fed to stock in small quantities for the purpose of aiding digestion and insuring perfect assimilation. The average farm animal, as you know from observation, wastes a large amount of the grain fed. You have to pay for the grain whether your stock digest it or not. If the use of "INTERNATIONAL STOCK FOOD" will save you this wasted grain, it will certainly pay you to use it. Our experience has proved to us that it will, and therefore, we place before you every pound of "INTERNATIONAL STOCK FOOD" sold, our positive guarantee. If "INTERNATIONAL STOCK FOOD" does not save you money, it will not cost you one cent.

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 Cookstown, Ont., April 18th, 1904.
 Gentlemen:—On the recommendation of Mr. W. G. Mackay, your agent at Cookstown, I bought and used your International Stock Food, and found it an excellent food for all kinds of animals. I am so delighted with the results of feeding the Food that I purpose in the future to have an ample supply in my stables.
 I can heartily recommend International Stock Food to any and all who wish to increase the appearance of their stock, and to obtain beneficial and lasting results.
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This book is 6 1/2 by 9 1/2 inches and the cover is a beautiful live stock picture printed in six brilliant colors. It cost us over \$3,000 to produce. It gives description, history and illustrations of the various breeds of horses, cattle, sheep, hogs, goats and poultry. The illustrated Veterinary Department alone will save you hundreds of dollars, because it describes and tells how to treat the common diseases to which stock are subject. The veterinary illustrations are large and reliable. We can afford to give this valuable book because we believe it will induce you to try "INTERNATIONAL STOCK FOOD." We will pay you \$10.00 cash if book is not as described.

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Three Imported Bulls

in addition to the best lot of our own breeding we have ever offered.

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In Shropshires we offer a limited number of imported Field Ewes, selected in person from the best flocks. Also your choice of ten imported Shropshire rams. Finest quality, finest breeding. A selection may be seen at the Toronto Exhibition.

FIRST COME FIRST SERVED.

JOHN DRYDEN & SON, Station and Post Office BROOKLIN, ONT.

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BREEDERS OF SHORTHORNS AND CLYDESDALES

Herd headed by Scottish Beau (Imp), Valasco 40th and Aberdeen Chief. Choice animals of all ages for sale.

Elora Station, G T.R. & C.P.R. Salem P. O. Telephone Connection.

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Twelve blocky, sappy young bulls, 10 to 14 months old, reds and roans, sired by the Princess Royal bull, Imp. Prince of the Forest = 40409, and out of high-class Scotch and Scotch-topped cows. Also ten thick-fleshed heifers, in calf to Imp. Prince of the Forest, placed at head of herd at cost of \$650. Come and see, or write for prices.

J. & E. OHINNICK, Chatham, Ont.

FLETCHER SHORTHORNS

Our herd of breeding cows, both imported and home-bred, are of the most fashionable Scotch families. Among the really good sires which have been used are Spicy Robin 28259, winner of 3rd prize at Dominion Exhibition, Toronto, and Joy of Morning (imp.) 32070, winning 1st prize at same exhibition, 1904. Stock of either sires for sale. GEORGE D. FLETCHER, Binkham P. O., Ont. Erin Shipping Station, C. P. R.

OAK LANE STOCK FARM

Shorthorns Cotswolds
 Yorkshires and Barred Rock Fowls.

Imported and Canadian-bred Shorthorns. Open to take orders for N.-W. trade. Write for prices. Satisfaction guaranteed.

GOODFELLOW BROS., MAUVILLE, ONT.

MAPLE LODGE STOCK FARM, 1854

Am offering a very superior lot of Shorthorn Bulls and Heifers as well as something VERY attractive in Leicesters.

Choice ewes got by imported "Stanley" and bred to imported "Winchester." Excellent type and quality.
 A. W. SMITH, MAPLE LODGE, ONT.

Canadian National Exhibition Prize List—Continued.

months—1 and 2, D. C. Flatt & Son; 3, J. Featherston & Son. Boar, under six months—1, Flatt & Son; 2, Featherston & Son; 3, Jas. E. Keough, Rockwood. Sow, over two years—1 and 2, Flatt & Son; 3 and 4, Duck & Son. Sow, under two years—1 and 2, Flatt & Son; 3 and 4, Duck & Son. Sow, under six months—1, Flatt & Son; 2 and 4, Jas. E. Keough; 3, Duck & Son. Boar and two sows, any age—1, 2 and 3, Flatt & Son. Four pigs, under six months, get of one boar, bred by exhibitor—1, Flatt & Son. Four pigs, under six months, produce of same sow, bred by exhibitor—1, Flatt & Son. Sweepstakes boar—Flatt & Son. Sweepstakes sow—Flatt & Son.

TAMWORTHS.—Boar, over two years—1, A. Elliott & Son, Galt; 2, Colwill Bros., Newcastle; 3, D. Douglas & Sons, Mitchell; 4, Bertram Hoskins, The Gully. Boar, under two years—1, Douglas & Sons; 2, B. Hoskins; 3, Herbert German, St. George; 4, Colwill Bros. Boar, under twelve months—1, Elliott & Son; 2, H. German; 3, Colwill Bros.; 4, Douglas & Sons. Boar, under six months—1, 2 and 4, Colwill Bros.; 3, Douglas & Sons. Sow, over two years—1 and 2, Douglas & Sons; 3, Colwill Bros.; 4, Elliott & Son. Sow, under two years—1, Douglas & Sons; 2 and 3, Elliott & Son; 4, Colwill Bros. Sow, under twelve months—1 and 4, Colwill Bros.; 2 and 3, Douglas & Sons. Sow, under six months—1, 2 and 4, Colwill Bros.; 3, Douglas & Sons. Boar and two sows, any age—1, Elliott & Son; 2, Colwill Bros.; 3 and 4, Douglas & Sons. Four pigs, under six months, get of one boar, bred by exhibitor—1 and 2, Colwill Bros. Four pigs, under six months, produce of same sow, bred by exhibitor—1 and 2, Colwill Bros. Sweepstakes boar—Elliott & Son. Sweepstakes sow—Douglas & Sons.

CHESTER WHITES.—Boar, over two years—1, W. E. Wright, Glanworth; 2 and 3, Daniel DeCourcey, Bornholm. Boar, under two years—1, W. E. Wright; 2, D. DeCourcey. Boar, under twelve months—1, DeCourcey; 2 and 3, Wright. Boar, under six months—1 and 2, DeCourcey; 3, Wright. Sow, over two years—1, Wright; 2 and 3, De Courcey. Sow, under two years—1, DeCourcey; 2, Wright. Sow, under twelve months—1, DeCourcey; 2 and 3, Wright. Sow, under six months—1, 2 and 3, DeCourcey. Boar and two sows, any age—1, Wright; 2 and 3, DeCourcey. Four pigs, under six months, get of one boar, bred by exhibitor—1 and 2, DeCourcey; 3, Wright. Four pigs, under six months, produce of same sow, bred by exhibitor—1 and 2, DeCourcey; 3, Wright. Four pigs, under six months, produce of same sow, bred by exhibitor—1 and 2, DeCourcey; 3, Wright.

OTHER DISTINCT BREEDS.—Boar, over two years old—1, W. M. Smith, Scotland; 2, J. Featherstone & Son, Streetsville. Boar, under two years—1 and 2, W. M. Smith. Boar, under twelve months—1, Featherstone & Son; 2, W. M. Smith. Boar, under six months—1 and 2, Featherstone & Son. Sow, over two years—1 and 2, Featherstone & Son. Sow, under two years—1 and 2, Featherstone & Son. Sow, under twelve months—1, Featherstone & Son; 2, W. M. Smith. Sow, under six months—1, Featherstone & Son; 2, Smith. Boar and two sows, any age—1 and 2, Featherstone & Son.

BACON HOGS.—1 and 4, Flatt & Son; 2, Featherstone & Son; 3 and 5, Duck & Son.

WHEN FARMIN' DOESN'T PAY.
 When a farmer gets to sittin'
 And a-loafin' in the stores,
 And a-playin' cards and dicin'
 When he should be doin' chores;
 When the cows go late for milkin'
 And the horses get no hay,
 You may put it down in writin'
 That farmin' doesn't pay.

When the pastures grow to bushes,
 And the seeds choke up the farm,
 And the harvest lies a-rottin'
 When it should be in the barn,
 When the farmer stops the harrow
 'Cause its comes a cloudy day,
 He will tell you—and he proves it—
 That farmin' doesn't pay.
 —Frank B. Wells, in Farm Journal.

Poisoned Skin and Eczema

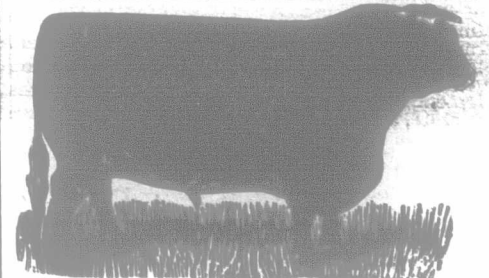
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DR. CHASE'S OINTMENT.

Mr. G. H. McConnell, engineer in Fleury's Foundry, Aurora, Ont., states: "I believe that Dr. Chase's Ointment is worth its weight in gold. For about thirty years I was troubled with eczema, and could not obtain any cure. I was so unfortunate as to have blood poison, and this developed into eczema, the most dreadful of skin diseases.

"I was so bad that I would get up at night and scratch myself until the flesh was raw and flaming. The torture I endured is almost beyond description, and now I cannot say a thing too good for Dr. Chase's Ointment. It has cured me, and I recommend it because I know there is nothing so good for itching skin."

Dr. Chase's Ointment, 60 cents a box, at all dealers, or Edmanson, Bates & Co., Toronto. To protect you against imitations, the portrait and signature of Dr. A. W. Chase, the famous recipe-book author, are on every box.



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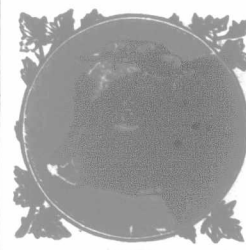
First-class Shorthorn Heifers For Sale

9 imported heifers.
 21 home-bred heifers.
 These heifers are Scotch, many of them in calf.
 Prices moderate.

ARTHUR JOHNSTON, Greenwood, Ontario

Spring Grove Stock Farm

SHORTHORN CATTLE & LINCOLN SHEEP.



First herd prize and sweepstake, Toronto Exhibition, 3 ears in succession. Herd headed by the imported Dutch-bred bull, Rosy Morning, and White Hall Ramsden. Present crop of calves sired by Imp. Prince Sunbeam, 1st Toronto, 1903. High-class Shorthorns of all ages for sale. Also prizewinning Lincolns.

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SHORTHORNS

Some extra good young bulls for sale. Catalogue.

JOHN GLANVOY, Manager.

H. OARGILL & SON, OARGILL, ONTARIO.

T. DOUGLAS & SONS,

STRATHROY STATION & P. O.,

BREEDERS OF Shorthorns and Clydesdales

OF 85 Shorthorns to select from. Present offering 14 young bulls of splendid quality and serviceable age, and cows and heifers of all ages. Also one (imp.) stallion and two brood mares.
 Farm 1 mile north of town

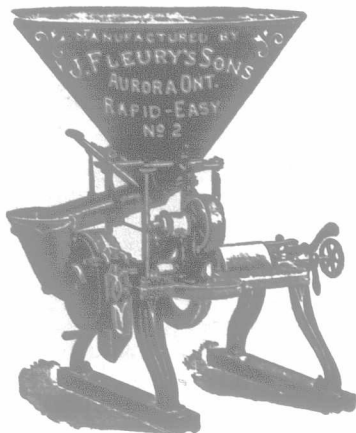
Sunnyside Stock Farm. JAMES GIBB, Brookside, Ontario.

Breeder of high-class SHORTHORN CATTLE (Imp.) "Brave Ythan" at head of herd. Stock for sale.

Shorthorn Cattle and Lincoln Sheep

Scotch Heifers for sale: Clippers, Miss Ramsdens, Maids, bred to imported Governor-General = 28865, and imported Proud Gift (84421). They have both breeding and individual merit.

J. T. GIBSON, Denfield, Ontario.



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Present offerings: Spicy Count (imp.), Duthie; 15 bulls and heifers of his get, from 10 to 18 months old; also a few cows in calf to S. C. Fair heavy draft, rising three years old.

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7 Shorthorn Bulls

of serviceable age and of present-day type. 1 imp. in dam, 3 from imp. sire and dam, 3 from imp. sire, and from Scotch dams of such noted families as Rosebud, Claret, Missie, Stamford, Augusta and Strawberry, mostly sired by imp. Greengill Victor, a Princess Royal, bred by W. S. Marr, and one of greatest bull-getters living. Also can sell a number of choice Scotch heifers, in calf. If you want a herd header, or cows that will produce them, write us. Herd numbers 75. Bull catalogue on application.

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FOR SALE:

HOLSTEIN BULLS

from 1 to 9 months, and a few HEIFER CALVES

that are bred right, and fed right to obtain the highest development of dairy qualities - from GREAT SIREs and GRAND COWs. (All improved breeds have been made so by improved methods of breeding and feeding, and to attain progress the breeders must keep pushing.) We have every facility for breeding and developing stock at Amundale, and can sell YOU stock that will give you results. Write for just what you want, and do it now.

GEO. RICE,
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6 bull calves for sale, from 3 to 4 months old, bred from rich milking strains. Special prices to quick buyers. Port Perry, G. E. R., and Myrtle, C. P. R. Shipping Stations, Ontario County. o R. W. Walker, Utica P. O., Ont.

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80 head to select from. 8 young bulls from 6 to 10 months old, whose dams have official weekly records of from 17 to 21 lbs. butter; sired by Imp. Victor de Kol Pieterie, C. A. R. of M. No. 3, and Johanna Rue 4th Lad. o **MATT. HINDMARSH & SON,** Haldimand Co., Caledonia P. O., Ont.

SPRING BROOK HOLSTEINS and CAMWORTHS

Will not exhibit this fall at Toronto. Have some nice good bulls ready for service. Also some nice cows now ready. A splendid lot of Camworts of all ages. Visitors to the Exhibition will bear in mind that I can supply best quality at reasonable prices. A call or correspondence solicited. **A. C. HALLMAN,** Waterloo Co. Breslau, Ont. G. T. R. main line, 9 miles west of Guelph.

Holsteins Dorset Horns and Chester Whites

See in this issue the record of our Holsteins at Toronto Exhibition. Several young bulls, a few heifers, ram lambs and pigs of both sexes for sale. **W. S. SIMMONS,** New Durham, Ont.

STOCKWOOD AYRSHIRES

are bred for size, beauty and profit from imp. and home-bred stock with high milk records and extra high test. Young stock always on hand. Prices right. **David M. Watt, Allan's Corners, Que., Bryans G.T.R., 4 miles; St. Louis Sta., C. A. R., 2 miles.**

SPRINGHILL AYRSHIRES

Our offering of bulls consists of 2 one-year-olds (both imp.), 3 from 8 to 10 months old, 1 five months old, and a few of this month's calves; also females all ages.

Robt. Hunter & Sons, Maxville, Ont.
Farm one mile from Maxville station on C. A. R.

For Sale - Ayrshires, all ages, and eggs

for hatching from Leghorns, Hamburgs, Dorkings, ducks and Bronze turkeys. Also five Collie pups. For further particulars write to **W. S. STEWART & SON,** Menie, Ont.

SUNNYSIDE AYRSHIRES.

Are prizewinners as well as enormous producers. I have for sale 4 young bulls, sired by the Pan-American winner, Leader of Meadowbank; females all ages, of true dairy type. **JOHN W. LOGAN,** Allan's Corners P. O., Que. Howick Sta., G.T.R.

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From winners in the dairy test five years in succession. Dairyman of Glenora, bred from imp. sire and dam, at head of herd. Young bulls fit for service and bull calves and females for sale.

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After Toronto and London Exhibitions will sell the grand breeding bull, Prince of Barcheskie (imp. in dam). Other choice young bulls and heifers. A Nov. boar and April pigs. All in good fit, and prices very reasonable.

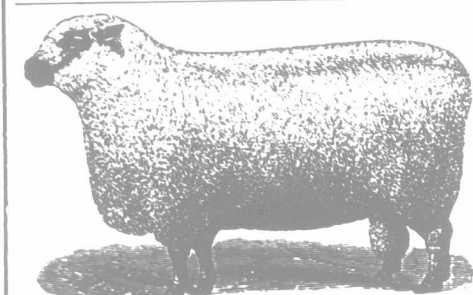
ALEX. HUME & CO., Menie, Ont.

High-Class Ayrshires

My offering of bulls consists of one August, 1903, calf and three spring calves, including one from imported Dairy of Auchenbraun, with a record in her 13th year of 12,773 lbs. milk in 9 months. All sired by imp. bull.

W. W. BALLANTYNE, Stratford, Ont.

JERSEYS at the exhibitions. Our herd will be represented as usual at Toronto, London and Ottawa Fairs, and we invite all Jersey breeders and fanciers to inspect our stock. We have bulls and females of all ages for sale. Write for particulars to **B. H. BULL & SON, Brampton, Ont. Phone 68.**



HILL HOME SHROPSHIREs.

Yearling rams and ram lambs by above sire. Write for description, etc., to **J. G. HANMER, Brantford, Ont.**

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Choice Lincoln Lambs of both sexes. Several our loads choice yearling rams and two carloads of one and two-year-old ewes, ready for Sept. and Oct. delivery. Also some choice young bulls, cows and heifers, which will make good herd foundations.

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Young stock of either sex, both imp. and home bred, for sale; also young cows due to calve in October, November and December. For particulars write to **R. J. HINE, Dutton, Ont.**

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We have ready for shipment shearing rams and ewes, \$12 to \$15 each; lambs, either sex, at \$10 to \$12 each. The above are of excellent breeding and quality. Plymouth Rock cockerels, \$1. **W. R. BOWMAN, Mount Forest, Ont. o**

QUESTIONS AND ANSWERS. Miscellaneous.

ARABIAN HORSES.

Are there any pure-bred Arabian stallions in Ontario, and where could they be found? **JAMES JACKMAN,** Grey Co., Ont.

Ans.—If any reader is aware of such, kindly advise us.

APPLES FOR COWS

Would feeding apples to milking cows have a tendency to decrease the flow of milk? **EGLINTON.**

Ans.—Given in small quantities with other feeds, they might be safely fed; but often cows eating them greedily have been almost completely dried up in the milk flow. If the apples are fit for no more profitable use, better give them to swine. They are not a good milk food.

WEED FOR IDENTIFICATION.

X. Y. Z. writes: "The enclosed yellow-flowering plant first appeared on the roadside, growing in light, sandy soil. It is now spreading in large patches in the pastures. Will the 'Farmer's Advocate' identify it?"

Ans.—The enclosed weed, which may be known by its narrow, light-green leaves and spikes of bright yellow flowers, resembling the "snapdragons" of the flower-garden, is commonly known as toadflax, or butter and eggs; its botanical name being *Linaria Vulgaris*. This weed gives little trouble in cultivated fields; but as it is a perennial, which propagates itself by root-stocks as well as by seeds, and is likely to prove troublesome in pastures and meadows, it should be carefully watched. Applications of salt or coal oil are efficacious on small patches; on larger areas, careful cultivation is the only method of eradication.

A BAD WEED.

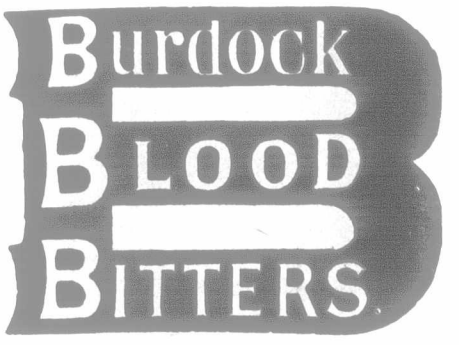
The weed sent for identification by T. G. Medley, Erin, Ont., is *Silene inflata*, or bladder campion, a perennial plant, which is spreading rapidly and promises to be a very bad weed in Ontario. This plant, which may be readily known by its inflated, bladder-like calyx, from which the white petals and long stamens protrude, grows from six inches to two feet in height, and each plant produces about 9,000 seeds, the flowers appearing from June to August, and the seeds from July to September. The roots are quite large and thick. If only a few plants appear, pull and burn them; but if a field has become infested, gang-plow shallow and harrow as soon as the crop is off, repeating the process at frequent intervals during the fall, according as the seeds sprout. This treatment will help to eradicate other weeds besides bladder campion. A hoed crop may follow, to be succeeded by a crop of grain seeded with clover.

Veterinary.

INJURY TO NECK.

Colt jumped a wire fence and hit upon his head. When he got up, his neck seemed drooped on top, like a camel's, and he staggered. There is quite an enlargement on the opposite side where the neck takes the bow. My veterinarian says some of the bones of the vertebra are cracked. I can hear the part crack like a broken bone when I handle it. He is very unsteady, and his body sways when moving. **J. P. McG.**

Ans.—I think it is probable there is a partial dislocation of one of the joints of the vertebra, and this should be reduced, as if allowed to go as it is he will never be right, although he may improve. If there is a fracture, it is probable union will take place with the neck in the shape it is now. I think there is partial dislocation, and it would be wise to reduce it. The operation may cause death, but it seldom does. Place him alongside of a smooth wall, with the hollow side of neck against the wall; apply pressure against the other side, where the bulging is. It usually requires considerable pressure, and sometimes it is necessary to arrange a lever. Press until the bones slip into position. As stated, this may possibly cause death by pressure on the cord, but he is of no use as he is, and there is a reasonable probability of effecting a cure by operating as stated.



Turns Bad Blood into Rich Red Blood.

No other remedy possesses such perfect cleansing, healing and purifying properties. Externally, heals Sores, Ulcers, Abscesses, and all Eruptions. Internally, restores the Stomach, Liver, Bowels and Blood to healthy action. If your appetite is poor, your energy gone, your ambition lost, B.B.B. will restore you to the full enjoyment of happy vigorous life.

W. W. CHAPMAN,

Secretary of the National Sheep Breeders' Association,
Secretary of the Kent or Romney Marsh Sheep Breeders' Association,
and Late Secretary of the Southdown Sheep Society.

Pedigree Live Stock Agent, Exporter and Shipper. All kinds of registered stock personally selected and exported on commission; quotations given, and all enquiries answered.

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American Leicester Breeders' ASSOCIATION.

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Pedigrees now being received for Vol. 5. For information, blanks, etc., address:

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60 Dorset Sheep and Lambs

of choice breeding. For particulars write to **K. H. HARDING, Thornedale, Ontario.**

"MODEL FARM" SHROPSHIREs

Do you want an imported ram or a home-bred one to improve your flock? Our offerings will please you. 10 imported rams and many home-bred ones (from imported stock) to choose from - massive fellows, all wool and mutton and the type that pleases. Stock of all ages for sale. Prices consistent with quality. Long distance phone No 94. **W. S. CARPENTER, Prop., SIMCOE, ONT.**

COTSWOLDS

Shearing ram, shearing ewes. Ram lambs and ewe lambs from 450-lb. ram, winner of silver medal, Toronto. **ELGIN F. PARK, Box 21, Burgessville, Ont.**

LEICESTERS

Shearlings, rams and ram lambs, shearing ewes and ewe lambs, bred from a Stanley ram and B 10 ewes. **HUNNETT BROS., Clansburgh P. O., Haldimand Co.**

SHROPSHIREs

20 yearling ewes, 45 lambs, both sexes included, from imp. ram. For particulars write to **GEO. HINDMARSH, Altona Craig P. O., Ont.**

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Lambs and yearlings, either sex. For description write to **JAS. SHELL, Importer and Breeder of Clydesdales Shorthorns, Leicesters and Berkshires, Hayne Barton Farm, Clinton, Ont.**

HASTINGS BROS., CROSSHILL P. O. Breeders of Leicester Sheep.

Young stock, either sex, for sale.

FARNHAM OXFORDS

We had the champion flock of Oxfords in 1903. Importations annually. Animals of all ages and sexes, both imported and Canadian-bred, for sale at all times at reasonable prices. **HENRY ARKELL & SON, ARKELL, ONTARIO.**

Newcastle Herd of Tamworth Swine at Toronto Exhibition.

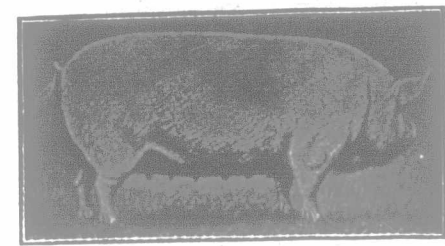
We have a choice lot of young stock, both sexes, on exhibition which will be for sale. Come early and make your purchase, as that is the spot to buy right where you can see what you want; and if you don't see it, ask for it. We shall also be prepared to book orders for younger stock left at home, and for fall litters arriving after the fairs from our prizewinners.

COLWILL BROS., Newcastle, Ont.
TAMWORTHS—DORSET HORN SHEEP.
 Choice boars and sows of different ages at very reasonable prices. Also a few Dorset Horn rams from first-class stock.
JAMES DICKSON, Orono, Ont.
 "Glenaltr Farm."

TAMWORTHS AND HOLSTEINS
 I would like to have my old customers, as well as new ones, to inspect my herd of Tamworths while at Toronto Exhibition. Will have a choice lot for sale, of both sexes. Also 4 Holstein bull calves, which are open for inspection at the farm.
BETHMAN HOSKIN, Grafton Sta., G. T. R. The Gully P. O.

GLENHOLM HERD OF TAMWORTHS
 We are now booking orders for spring litters. Have 6 boars and 5 sows, 6 months old, left, and a fine lot of younger ones.
F. O. SARGENT, Eddystone, Grafton Sta., G. T. R.

Improved Yorkshires



Over three hundred for sale. The last three years our herd has won ninety per cent. of the first prizes at the leading shows, competing against American and Canadian breeders. We have more imported animals in our herd than all other breeders combined in Canada. We have the best blood from the leading herds in England and Scotland. Prices reasonable.
D. C. FLATT & SON, MILLGROVE, ONT.

YORKSHIRES

for the fall trade. Imp. and Canadian-bred boars, ready for immediate service. Young sows for Sept. farrow; also spring pigs of the choicest breeding, imported and home-bred. 17 head imported this season.
Write H. J. DAVIS, Woodstock, Ont., Importer and Breeder of Yorkshires and Shorthorns.

YORKSHIRES

All ages, at reasonable prices. Also 1 Short-horn bull coming 3 years old, color roan, a sure stock-getter. Also Barred White and Buff Rocks, White Wyandottes, Buff Leghorns, and Pekin ducks. Address:
A. GILMORE & SONS, Huntingdon Co. Athelstan P. O., Que.

LARGE YORKSHIRES

GLENBURN HERD—upwards of 100 fine spring pigs, sired by imported Holywell Hewson. Also a few 6 month sows. Prices reasonable.
DAVID BARR, JR., RENFREW, ONT.
YORKSHIRES AND BERKSHIRES.
 FOR SALE: Sows safe in pig and ready to breed. Boars 2 to 5 months old, of the long, deep-sided type. At bargain prices if taken soon.
Write C. & J. CARUTHERS, Cobourg, Ont.

FOR SALE—Ono Improved Chester Whites, the largest strain, oldest established registered herd in Canada; young sows in farrow; choice young pigs, six weeks to six months old; pairs not akin; express charges prepaid; pedigrees and safe delivery guaranteed. Address:
E. D. GEORGE, Putnam, Ont.

BERKSHIRES AND YORKSHIRES

For sale: Berkshires from 6 weeks to 6 months; Yorkshires, one year fit for service and younger stock. Pairs not akin. All of the bacon type.
JOHN BOYES, JR., Rose Bank Farm, Churchhill, Ont.

CHOICE LARGE ENGLISH YORKSHIRES

From imported and home-bred sows and boars. Sows and bears all ages for sale, and sows in farrow. Write
Jas. A. Russell, Precious Corners, Ont.

FIFTY IMPROVED YORKSHIRE PIGS.

All ages, for sale. Young stock sired by Summerhill Perfection 4th, 731. Prices very reasonable, as we have an overstock.
D. BARLETT & SONS, Smithville, Ont.
 Breeders of Shorthorns and Dorsets.

MAPLE LODGE BERKSHIRES.

Having left Snelgrove and secured Maple Lodge Farm, Brampton, I am prepared to supply pigs of the best bacon type and breeding, with fresh blood added, and in as large numbers as ever. Have a few good young boars ready for service and fine sows ready to breed. Spring pigs have come strong, and we can supply pairs not akin.
Address: WILLIAM WILSON, Box 191, Brampton, Ont.

YORKSHIRES

Both sexes, for breeding or show purposes. Holstein calves, both sexes, for sale, from best milk and butter strains.
R. HONEY, Minster Farm, Brickley, Ont.

GOSSIP.

HEAVY DRAFTERS AT ST. LOUIS.

The Percherons appear to have made the best showing for numbers and average excellence of the heavy draft breeds at the St. Louis World's Fair, making a very fine display. Clydesdales were a weak representation of the breed, and the exhibit of the breed was little better than may be seen at some county shows in Canada. There were only five exhibitors, none of them widely-known, except McLay Bros., of Janesville, Wisconsin. Alex. Galbraith, of that place, was the judge. In aged stallions, McLay Bros.' Governor Tillman's Match, a bay horse, by Governor Tillman, was placed first, and Ed. Hodgson's Gen. Powett, by Prince of the North, was second. In three-year-olds, Glen Garry, by Golden Sovereign, shown by T. L. Wibray, Tremont, Ill., was first, and McLay Bros.' Prince Dauntless, by His Excellency, was second. Governor Tillman's Match was awarded the senior championship, and His Royal Highness, the first-prize two-year-old, sired by His Excellency, and shown by McLay Bros., was the junior champion; and in the final round-up, it is said Wibray's three-year-old horse, Glen Garry, got the grand championship, which is not easily understood if the same judge officiated and if the horse competed for either the senior or the junior championship. The senior champion female was McLay Bros.' Lady Goodwin, by Handsome Prince, and the junior champion was the two-year-old, Alice Roosevelt, by Lynedoch Chief.

The Shire class was a strong one, the principal exhibitors being Trumans' Pioneer Stud Farm, Bushnell, Ill.; Robt. Burgess & Son, Wenona, Ill., and Lew W. Cochrane, Indiana. Trumans' fine black horse, The Nigger, that was expected to be a very strong claimant for first place in the aged class, was unfortunately temporarily lame, and had to take fourth place, the first going to Burgess' Coltered Prince, by Saxon Harold; second award went to Trumans' chestnut, Blaisdon Albert, seen last year as a three-year-old. This young horse, says the Breeders' Gazette, is beautiful in his contour, of the highest quality, stout in his middle and balanced in his ends, and shows feather of refined sort. He bears himself with impressiveness, and is a capably-balanced stallion. He made his way to second honors, followed by the same firm's famous bay, Commodore, that as a three-year-old commanded much compliment. He seems to be as good as ever, has broadened and thickened, shows great arms and stifles, a well-ribbed middle, stands on oblique pasterns and is slashing at the leading rein. It is a pity that The Nigger could not be at himself in the showing. He is a black of admirable crest and finish, great arms, well-set ankles, nice feather, powerful shoulders and quarters.

The three-year-olds produced one of the notable horses of recent importation, Moulton Temple, one of the wonders of the exhibit in his massiveness. In him Messrs. Truman have one to illustrate finely their ideas of the best Shire type—great size and substance, deep and wide middle, quarters of remarkable length and levelness, ankles set to avoid pounding, bone of much breadth, fringed with fine hair, and a grand crest. This horse is up-headed and bold, and altogether a good one.

Among the two-year-olds, Trumans had the leading places with Horseshoe Marmon (son of Southgate Marmon) and Umberslade Douglas. The former is a strapping, big-framed fellow, toppy as you like and flash in action, with flat bone and a tall that is set up right on his quarters. Douglas is a strong colt, not so nice in the quality of his legs as his companion, well-topped, and is a draft horse throughout.

Trumans won first for aged mare, and first for three-year-old mare, with Ring-end Lass and Gore's Flower.

In Shires, Lew W. Cochrane secured eleven prizes, including three firsts, a diploma for champion stallion (Burgess—752—) two years and under, diploma for grand champion mare any age (Marjorie), and a special gold medal by the Shire Society, won by Marjorie.

First Member—I've been up with the sun every day this summer.

Second Member—So have I, but after I've walked the floor with him for awhile I usually go back to sleep again.

\$50 to California and Back

From Chicago, August 15 to September 10. Return limit, October 23. The Overland Limited and the California Express, daily, Chicago to California, via the

St. Paul and Union Pacific Line

For \$61 you may buy round-trip tickets to California, good in one direction via St. Paul, Minneapolis and Portland. Liberal stop-over privileges.

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DR. McLAUGHLIN'S ELECTRIC BELT

Dear Sir: I can say that I am well pleased with your Belt. I think the Belt is all that you say it is, and I hope you have success in your business for a long time to come. Yours very truly, W. G. Moffat, 247 Wentworth street north, Hamilton, Ont., June 9, 1904.

They come every day from everywhere. There is not a town or hamlet in the country which has not cures by Dr. McLaughlin's Electric Belt. Now, what does this mean to you, dear reader? If you are not what you ought to be, can you ask better proof to make you try it? Is there a remedy which is as simple, as easy to use, as sure to cure and as cheap as Dr. McLaughlin's Electric Belt? In justice to yourself and those who look to you for their future happiness, try it now. Act this minute. Such a matter ought not to be delayed.

My Belt cures to stay cured Nervous Debility, Weak Back, Rheumatism, Sciatica, Lumbago, Stomach, Liver, Kidney and Bladder Troubles and Constipation. Worn while you sleep, it causes no trouble. You feel the gentle, glowing heat from it constantly, but no discomfort, as in old style belts. Call to-day, or send for my beautiful book, full of the things a man likes to read if he wants to be a strong man. I send it sealed, free. Consultation free.

DR. M. S. McLAUGHLIN, 139 Yonge St., Toronto. Office Hours:—9 a.m. to 6 p.m.; Wednesday and Saturday till 8.30 p.m.

GLENBURN STOCK FARM

Young **SHORTHORN** Bulls and Calves. A fine lot of English Berkshires of both sexes; also Shropshire ram and ewe lambs.
JOHN RAOEY, JR., LENNOXVILLE, QUE.

YORKSHIRES

Special while they last: Choice pigs from imported stock, 2 mos old, \$7 each; 3 mos, \$9. Pairs not akin. Registered, crated and free on board cars. Satisfaction guaranteed. Boars and sows all ages. Write your wants.
Weston Station L. BOEERS, C. P. R. and G. T. R. Emery F. O.

YORKSHIRES

for sale, from imported stock. For price and description write to
GEO. M. SMITH, Haysville P. O., Ont.

CHESTER WHITE SWINE

Either sex, of the most approved type, for sale at reasonable prices. For particulars write to **D. DeCOUREY, Bornholm P. O., Mitchell Sta.**

MAPLE GROVE YORKSHIRES

Six May litters from show sows, five of them Toronto winners, pairs not akin. Also young sows in farrow. Dalmeny Cavalier (imported) and Maple Grove Vanguard at head of herd.
T. J. COLE, Box 182, Bowmanville, Ont.

FOR SALE

At the **GLENVON STOCK FARM**, young Berkshire pig, of both sexes, and 1 Shorthorn bull calf, and 1 two-year-old heifer. They are from good milking strain. Write or call.

W. B. ROBERTS, Sparta, Ont.
 Station St. Thomas, G. T. R., C. P. R., M. C. R.

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.

