

THE FARMER'S ADVOCATE

AND HOME MAGAZINE

PERSEVERE SUCCEED

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

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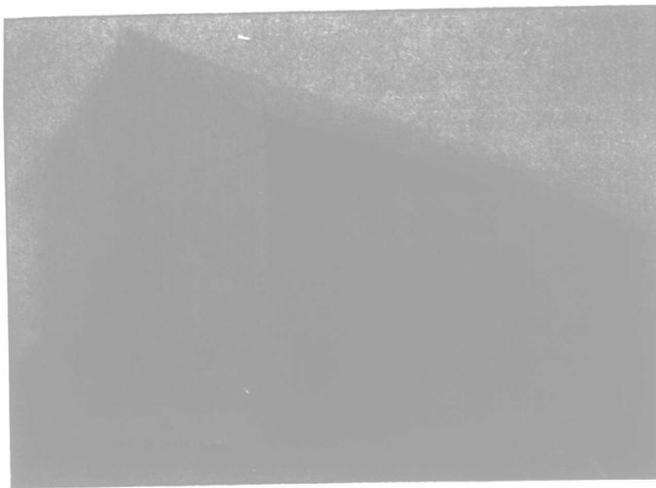
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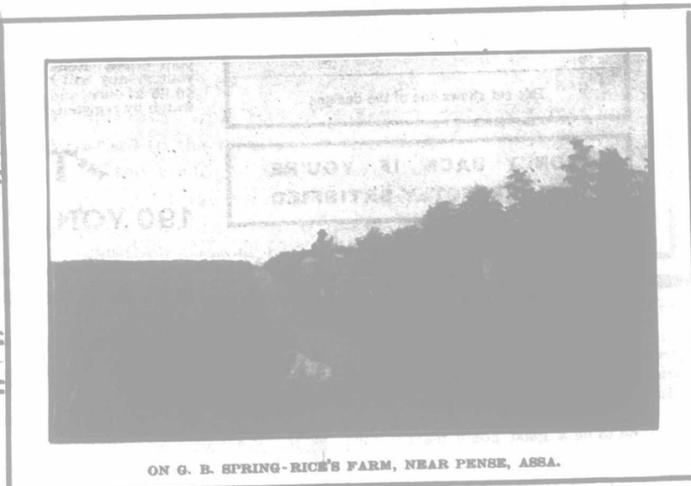
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Or with reference to Alberta lands, to **WM. TOOLE, District Land Agent, CALGARY.**

NOTICE.

AN OCTOBER WATCH.—During the month of October, only, the T. Eaton Co., of Toronto, Ont., one of the greatest and most successful departmental stores in America, offer a grand silver watch for \$9.85. They pledge their reputation that it will give satisfaction, and if not will send the money back. Read the advertisement elsewhere in this issue and test the mail-order system at once.

GOSSIP.

Dalgety Bros., London, Ont., importers of Clyde and Hackney horses, having disposed of most of their last importation, announce in their advertisement that a new consignment of 16 stallions and 10 mares, per SS. Marina, will arrive at the Black Horse Hotel, Toronto, about Oct. 14th, to which they invite the attention of horsemen.

Mr. Morimer Levering, LaFayette, Indiana, Secretary of the American Shropshire Association, has issued a circular suggesting that, owing to the rapidly increasing demand for Shropshires, breeders should not overlook having all their lambs properly tagged and recorded. Those who have not registry blanks on hand may have them sent free of charge by applying to Mr. Levering.

We are glad to publish the following letter in regard to an imported York-shire boar lately sold by Mr. Gus. Langelier, Stadacona Farm, Quebec, through his ad. in the "Farmer's Advocate," to Mr. R. S. Frisby, Victoria Square, Ont. It is another testimonial added to the already long list, showing that the F. A. is the paper for subscribers to derive benefit from as well as advertisers: "Received bar and certificate Saturday night, in first-class shape. The boar is up to my expectation in every particular. I can assure you I am well pleased with him and his pedigree. I am well pleased for the money; he is just what I call worth his price, and I am well pleased with his get-up all through. I thank you very much for kind treatment in regard to crates and for express."

COLQUHOUN'S IMPORTED CLYDES-DALES.

Long experience, sound and discriminating judgment, an ardent liking for a good horse, the determination to handle only first-class stock, together with fair and square dealing, have made for Wm. Colquhoun, of Mitchell, Ont., an enviable reputation as a breeder and importer of high-class Clydesdale horses. He is a man of few words, but knows a good horse when he sees one, and price is but a secondary consideration with him if the horse suits. Superior quality with sufficient size is his motto, and he makes his selections on that basis, as was well exemplified in the horses in his late importation, two of which were prize-winners at the Toronto Exhibition, though lately landed and without time for thorough

Stock Farm for Sale

fitting for the show-ring. Prince Fragrant (11460), though only three years old in July, was a clear winner of first prize there in the 3-year-old section in a class of ten entries, eight of which were imported. He was sired by Sir Christopher, by Prince of Loudoun, and his dam, Bell of Frick Mains, was by Laird Darnley, by the noted sire, Darnley (222). He is a big horse for his age, with the best of feet and legs, and is full of quality, as one would expect from his breeding. Peerless (10632), bred by the Earl of Strathmore, Glamis Castle, and got by the great sire, Mains of Atries, by the famous Prince of Wales (673), and his dam, Pandora, by Darnley (222), is a beautiful dark bay 4-year-old horse, with faultless form, splendid action and grand quality of bone and feet. He won third prize at the late Toronto Exhibition in a class of 18 entries, 12 of which were imported, and he had only recently landed from the sea voyage and a tiresome trip by railway from Quebec, and is not fully matured, being only in his 4-year-old form. Another year's development and fitting will make him a great horse, while his breeding gives him the benefit of the blood of the best of the breed and makes him a very safe sire to breed from.

THE RIVERSIDE STOCK FARM, Woodburn, Ont., for sale. The farm contains 300 acres of choice land, well wooded and watered, excellent buildings. For particulars address: Lee, Farmer & Stanton, Hamilton, Ont.

He was indeed considered by many breeders the most valuable horse of the class in the Toronto show. Climax (10529) is a beautiful bay 5-year-old son of the phenomenal sire, Baron's Pride, dam by Lord Erskine, and gr. dam by Topeman. Prince Favourite (11450) is a substantial and stylish 2-year-old son of Prince Thomas, bred by the Marquis of Londonderry and sired by Sir Thomas, whose dam, Lady Lawrence, was by Prince of Wales (673). Coynachie (11311) is still another of the last importation worthy of notice—a bay 3-year-old son of Blacou Macgregor, by the noted Macgregor (1187), and his dam by the famous Prince of Wales (673). These are but sample pedigrees of the kind and class of horses Mr. Colquhoun handles, and the beauty of it is that the horses are as good as their breeding. Mr. Colquhoun advertises a number of imported and home-bred horses in this paper for sale, and we feel safe in commending him and his horses to the horse-loving public needing stock of this stamp. His horses are kept close to the town of Mitchell, on the Goderich branch of the G. T. R. and only 12 miles west of the city of Stratford, one of the best shipping points in Ontario.

GOSSIP.

JAMES SNELL'S DISPERSION SALE OF SHORTHORNS, CLYDESDALES, AND LEICESTERS.

The announcement, in his advertisement, by Mr. James Snell, of Clinton, Ont., of the dispersion sale, on Oct. 22nd, of his entire "Hayne Barton" herd of Shorthorns and flock of Leicester sheep, should receive the attention of all interested in the improvement of live stock in these lines. The sale is imperative and will be unreserved, owing to the destruction of all the barns and stables by fire.

The Shorthorn herd has been established over 30 years, the foundation stock having been of excellent material and its quality maintained and improved by the continuous use of high-class bulls of the most approved breeding. Both cattle and sheep from the herd and flock have made a right good record for many years in the prize lists at leading fairs in Ontario, while the Leicesters shown from this flock at the World's Fair in Chicago were very successful in their winnings.

The majority of the cattle are descended from the cow, Strawberry, the first pure-bred cow purchased by Humphrey Snell & Sons from John Snell & Sons, of Snelgrove. She was a successful show cow, low-set and thick-fleshed, sired by Imp. Cobden, who was of the same type, a son of Imp. Jenny Lind, who was a first-prize winner at Provincial exhibitions. Strawberry herself was the second remove from the imported cow, Lady Jane, by Sir Walter, a cow of fine quality and character and a very deep milker, a propensity that has been well maintained in her descendants through all the generations, and is a very noticeable feature in the herd to-day, the females of breeding age carrying large and evenly-balanced udders and all the indications of first-class milkers, some of the cows having records of 50 to 60 lbs. of milk daily. This family has produced probably as many prize-winners at leading Provincial fairs as any other in Canada, and members of it have sold at high prices. A cow of this family, bred by Mr. Jas. Snell, sold at auction in Iowa last year for \$700. The sires used in recent years, and indeed for the last 20 years, have been typical Scotch-bred bulls, of the low-set, thick-fleshed sort, and the entire herd has assumed that type with unusual uniformity. A bull which had much influence in fixing this type in the herd was Vice Consul, bred by the Isaacs, a son of the deep-ribbed, mellow-fleshed Neptune (Imp.), a Kinellar-bred Nonpareil bull. Vice Consul's dam was a Ruby Hill, by the Cruickshank Brawith Bud bull, Golden Crown. He was followed by New Year, a Watt-bred bull, by Village Hero, of the grand old Siltyston Village Bud family, and out of an Uppermill English Lady cow, by the noted Bampton Hero, whose blood bred prizewinners wherever it flowed. The present stock bull, Star of Morning, now in his 4-year-old form, a first-prize winner at London and reserve for the championship, is also a Watt-bred bull, of the Marr-bred English Lady tribe, his sire, a Toronto first-prize winner, being a Scotch-bred bull of the excellent prizewinning Braecroft family, and his dam by the great Bampton Hero, whose dam, Imp. Mimulus, was a daughter of the illustrious Champion of England, who more than any other bull made the Cruickshank herd famous the world over. Star of Morning has also in his breeding the benefit of the prepotent blood of Heir of Englishman, whose influence in the evolution of the Uppermill herd of Mr. Marr was similar and equal to that of Champion of Englishmen in the Siltyston herd. Another family in the Hayne Barton herd which has had the benefit of the services of these well-bred bulls is a direct branch of the Renick Rose of Sharon tribe, so successfully bred by Abram Renick, of Kentucky, the Cruickshank of this continent, whose herd won the admiration of Shorthorn breeders the world over, selections from it being sold at prices ranging from \$2,000 to \$4,000 each for exportation to England and Scotland. An attractive number in the catalogue is the red 5-year-old cow, Lovely Mary, of the favored Cruickshank Lovely family, sired by King William 21594, by Imp. King James, who was by Royal James, out of Maid of Promise 5th, by Gravesend.

Red Rose, a handsome red 2-year-old heifer of the Lavinia family, is a daughter of 19th Prince of Thule = 2172 =, by San Mario, by Conqueror, bred by Hon. John Dryden and sired by the Cruickshank Victoria bull, Imp. Vengarth.

The stock bull, Star of Morning, goes in the sale, and in these days of scarcity of first-class bulls he is well worth looking after, for it is doubtful whether there is a better bull of the breed individually in Canada to-day, while his breeding is unexcelled and he is sound, vigorous, gentle and a superior sire, as his progeny amply attests. The younger bulls in the sale, several of which are sons of Star of Morning, are a strong, straight, smooth lot, in good condition, and such as are needed in every part of the country for the improvement of the character of the cattle raised.

The Clydesdale stallion, Brave Boy, to be sold is a horse of capital quality, and has made a large season this year in a district where many imported horses are standing. The 2-year-old filly of the same family is also an exceedingly good one.

The flock of Leicester sheep ranks as one of the very best in America, and the sale affords an exceptional opportunity to secure rams for service or a foundation for a flock.

The catalogue is now ready for distribution, and will be mailed on application to Mr. James Snell, Clinton, Ont. Capt. T. E. Robson, as auctioneer, will conduct the sale, and confidently expects a large attendance of farmers and breeders at Hayne Barton on Oct. 22nd.

Vol. XI. of the Clydesdale Studbook of Canada has just been issued from the press, and is ready for distribution on application to the Secretary and Registrar, Mr. Henry Wade, Parliament Buildings, Toronto. The volume contains the pedigrees of 400 stallions and 475 mares, a list of owners, a report of the annual meeting of the Clydesdale Association, and a list of awards of prizes at the Toronto Industrial and Canadian Horse Shows for 1901.

In our report of the judging contest at Toronto Industrial, contained in last issue, C. J. Bray, Guelph, was credited with second in dairy cattle, instead of J. M. McCallum, Shakespeare, Ont.



This cut shows one of the designs

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Our own popular London movement, 15-jewel setting, with patent Breguet hair spring, in a 14k gold-filled case, guaranteed for 20 years wear.

The cases are open-face style, with screw back and front, and are guaranteed to be perfectly dust-proof.

The price, \$9.85, is good for October only, so be prompt in sending your order. Remember, too, our guarantee is good for one year, and your money will be refunded if you are not perfectly satisfied. Send \$9.85 at once, and mention this paper when you write. We'll send the watch by registered mail, postpaid, to any address in Canada.

THE T. EATON CO. LIMITED

190 YONGE ST. TORONTO, ONT.

GOSSIP.

A 240-acre farm, within three miles of the Canadian "Soo," is advertised for sale in this issue. In view of the many industries established there, the location is a desirable one, as there is bound to be a good home market for farm produce.

The attention of farmers and breeders is directed to the announcement in our advertising columns of the dispersion sale on Oct. 24th of the herd of Shorthorn cattle belonging to Mr. M. Thornicroft, of Lambeth, Ont., 6 miles from the City of London. The cattle are nicely bred and of good milking families. Good bulls of approved breeding have been used in the herd, and the cattle are such as will be likely to give satisfaction to purchasers, both in beef and dairy lines. Further reference will be made to this offering in our next issue. Catalogues are being prepared and will be sent on application.

AN IMPORTANT SALE OF JERSEYS IN SIGHT.

The attention of lovers of the dairy queen, the Jersey cow, and dairymen and farmers generally, is directed to the advertisement in this paper of the combination dispersion sale of the two first-class herds of registered Jerseys belonging to W. G. Laidlaw, Wilton Grove, and Mrs. D. L. White, London, Ont., on Oct. 29th. These herds, while not large, have been selected and bred with much care and discrimination, with a view to profitable work at the pail and churn, and are made up of typical animals of the breed, mostly young or in the prime of life, and a large proportion of them will be in milk or in calf, or both—for the Jersey cow is a constant and steady worker, not infrequently milking from calf to calf and from year to year without a break. Included in the sale is the beautiful imported 4-year-old cow, Uncle Peter's Columbine 14629, imported from the Island of Jersey by T. S. Cooper, of Pennsylvania. She is a model of the breed, combining beauty and utility, carrying a large and well-balanced udder and milking heavily. Cream Cup Pride, the sweepstakes female at the Western Fair at London, 1901, and first in the 3-year-old class at London this year, a beautiful Jersey cow with a shapely udder and fine dairy form, is also in the sale, as well as Vic's Lady Foggis of St. Lambert, second-prize cow at the London Exhibition this year. A number of other young females that have been prize winners at Western Fairs are also in the offering, daughters of Prince Frank's Son, a first-prize Toronto winner, who was sired by Prince Frank, three times a sweepstakes winner at London and sire of more than one champion. The young bulls and heifers are of most excellent type and breeding, while the stock bull, King of Beechland, a grandson of the great Adelaide of St. Lambert, whose record of 81 lbs. milk daily has never been equalled by any cow of the breed, is a magnificent representative of the highest type of Jersey bulls, with grand character, great vigor and fine quality, and his progeny give great promise of usefulness, while they are handsome to look at. Catalogues of the animals are being prepared and when printed will be mailed to those making application for them, as stated in the advertisement. Applications should be made early and these will be booked in the order in which they are received. Further notes of the offering will be given in these columns in our next issue, which it will be well to watch for.



600 square inches. Price, postpaid, 1 package, 15c.; 2-25c.; 3-35c.; 5-50c. Mail Order Supply Co., Box 332, Toronto

CHOICE SILK REMNANTS 600 INCHES 15c

Delighted customers by hundreds testify to their marvellous cheapness. All of our pieces come from silk the factories, where the best silks are used. These silks cost from \$2.00 to \$5.00 a yard. They are all of good size for fancy work, and are of priceless value for making Cray Quills, Drapes, Sofa Pillows, Ties, Picnchions, etc. The variety of colors and designs is almost endless. They are of every conceivable pattern: plaids, polka dots, stripes, checks, etc., etc., all of the handsomest and brightest colors. Of the many dozens contained in each package no two pieces are alike. Having purchased the entire output of Remnants from all the Canadian silk factories, we are at present offering the Lady of Remnants for the greatest bargain in choice rich silk remnants ever heard of. WE POSITIVELY GUARANTEE ABSOLUTE SATISFACTION. Each package contains over

Mr. A. J. Temple, Cameron, Ill., secretary American Leicester Breeders' Ass'n, writes as follows: The building in which our offices were located was entirely destroyed by fire on the morning of August 20th, catching from an adjoining building. It was with great difficulty that we secured the unpublished records of the Association, together with desks, typewriters, etc. We lost all of our printed books of Vols. 1, 2 and 3, also all of our stamped paper, mailing lists, mailing cases, letter files and printed matter of various kinds. We at once secured other quarters, and there was no delay in the work of the office; in fact, we have been so busy that we have not had time to report the matter to you until the present time. The registry business is the best with us this year that it has ever been. New members are constantly being added and everything seems in a prosperous condition. Mr. James Snell, Clinton, Ont., who had been in Montana, Idaho, Wyoming and Utah, in the interests of the members of the association, disposing of a few hundred rams, came in to pay us a short visit, arriving just as the fire was destroying the offices and buildings.

\$10,000 FOR A HEREFORD BULL, AND \$7,000 FOR A HEREFORD COW.

At Mr. Clem Graves' dispersion sale by auction of his herd of Herefords, at Indianapolis, Ind., on Sept. 16, all former records of sales of the breed were broken by the disposal of the three-year-old bull, Crusader 86596, champion at the Pan-American, for \$10,000. Mr. Ed. Hawkins, Earl Park, Ind., being the purchaser. The nine-year-old cow, Holly 2nd, was taken by the same buyer at \$7,000, and Casmo, a seven-year-old cow, the dam of Crusader, also went to the same buyer for \$3,000. Another cow, Imp. Phoebe, brought \$3,000, and 37 females averaged \$820. Six bulls sold for an average of \$2,154, and the whole 43 head for an average of \$1,007. Verily, beef cattle sell high in the States.

NOTICES.

NO. 1 HARD.—The Winnipeg Free Press figures the Western wheat harvest this year at 75,000,000 bushels, and sends us a neat little bag sample of their famous No. 1 hard. We have never seen better.

APPLES are wanted by a London, Eng., firm, for Germany, as announced in an advertisement in this issue. Look it up and write E. P. Blackford, nurseryman, Toronto, for full particulars.

THE SEASON FOR SELECTING FLOWER BULBS is here, or near. Note the interesting illustrated advertisement in this paper of Wm. Rennie, Toronto, offering bulbs of the choicest flowers in many varieties, together with full directions on "how to grow bulbs" free with orders.

LOOK OUT FOR BULBS. What so brightens the home in winter or early spring as the beautiful flowering bulbs! Prepare for planting by sending now for the bulb catalogue of John A. Bruce, Hamilton, Ont.

THE FENCE AND GATE exhibit of The Strath Wire Fence Co., limited, of Owen Sound, attracted special attention at the Toronto and London fairs, owing largely to their patent "hinge stay," that seems to be mechanically correct and to remedy the most serious defect now experienced in wire fences. The wire used in the fence is high grade and of great strength, and the fence has great elasticity, and we would judge it to be at least one of the best and most likely to give the best of satisfaction. The fence can be supplied factory or hand woven. Their gates also seem excellent in construction, and they ship with a guarantee of satisfaction or the gates need not be accepted, and the Company will pay all expenses.

E. W. GILLET COMPANY, LIMITED.—During the Toronto and London (Ont.) Exhibitions this Company was one of the largest and most prominent exhibitors of their different products, and very few housewives attending the fairs went home without a sample of Magic Baking Powder, a reliable aid to good cookery. Another feature of this Company's advertising work was the distribution to young and old of the most unique souvenir button observed on the grounds, bearing the emphatic and truthful inscription, "Gillett's Lye Eats Dirt." Over 20,000 buttons were distributed.

The legend, "Royal Yeast," blazoned over the grounds and through the refreshment booths, also reminded the consumer that such a good thing and household necessity was still to be fore. The other household articles of this Company's manufacture, such as Magic Soda, Gillett's Cream Tartar, Washing Crystal and Mammoth Blue also were prominently advertised.

ANOTHER LARGE ADDITION.—The contract for building a new machine shop, 60 x 172 feet, two stories high, with a basement 17 x 113 feet, for the Vermont Farm Machine Company, manufacturers of cream separators and other dairy apparatus, has been awarded to E. I. Kilburn. Work will be begun at once and the building pushed to completion as rapidly as possible. The new shop will be located to the west of the present main building, and will add greatly to the manufacturing capacity of the Company. The new addition to the main building, 40 x 60 feet and three stories high, has just been completed. A storehouse four stories high, to be located along the line of the electric road, and so arranged that freight cars can be backed into the building for loading, is a possibility of the near future. It was only last winter that this Company built and equipped a handsome new office building. All these changes and additions give the Vermont Farm Machine Company one of the largest and best equipped manufacturing plants in New England. Expansion of this nature is certainly a good thing for the town, and no doubt will prove a good thing for the Company.—Bellows Falls, Vt., Times.

The Farmer's Advocate

"PERSEVERE AND SUCCEED." *and Home Magazine.* ESTABLISHED 1866

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VOL. XXXVII

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No. 559

EDITORIAL.

Expansion of Canadian Milling.

Evidences are not wanting that the milling and railway interests of the Western States are now regarding with more than a mere spectacular concern the development of wheat production in Manitoba and the Northwest Territories. In the course of a plea for a supply of Canadian hard wheat for the Western States millers, a Minneapolis paper urges that if they wait till Canada has largely added to her facilities for handling this grain, the task of diverting it to the United States mills will not be so easy. Last year Canada exported \$6,871,939 worth of wheat, but only \$4,015,226 worth of flour.

By reference to the latest trade returns at hand, we find that Great Britain imported in 1900, \$113,616,854 worth of wheat, of which Canada sent \$10,740,139 worth, and of flour, \$49,165,713, Canada contributing toward that amount but \$2,777,309, the United States sending \$40,715,779 worth of the latter. We also notice by a recent report from the Department of Agriculture at Ottawa, that there is a splendid market in South Africa for Canadian flour, which is one of the few things there admitted free of duty. In 1898 the United States supplied the bulk of flour imported, and Australia the remainder. The first consignment of Canadian flour arriving at Durban proved satisfactory in every way, dealers being very much pleased with the quality, and repeating their orders. Other things being equal, Canadian flour will there get the preference. In view of these and other similar facts that might be mentioned, the desirability of expanding Canadian milling industries to keep pace with Canadian wheat production forces itself upon the attention. There are substantial reasons for having our wheat milled at home. In the first place, it affords employment for Canadian labor by adding to the industries of the country. In the next place, it means the exportation of the more refined product—flour—and leaves in Canada the offal, bran and shorts, so imperatively needed and so valuable for feeding purposes.

A given quantity of flour brings as much or more money than the wheat from which it is produced, leaving the bran and shorts in the country to the good. Feeding these helps to sustain the fertility of the soil, while selling the whole wheat depletes it seriously.

As our Western farm lands become more completely taken up and thickly populated, and as our cities and towns grow, the demand for meat and other animal products will enormously increase. The wisdom of a system of agriculture in which live stock plays a leading part is apparent. So far as practicable, the "Farmer's Advocate" believes in the grinding of Canadian wheat into Canadian flour in Canadian mills, and the feeding of the by-products on Canadian soil.

The Battle of Breeds.

The bloodless battle for supremacy of the various breeds of live stock in public favor is by no means a regrettable or undesirable state of affairs in the interest of improvement of our domestic animals, though some people appear to regard it as such, and even to deplore its existence. The question which is the best breed is one that naturally, from lack of experience and knowledge, arises in the mind and is expressed by the tongue of the novice in stock-raising, and is a question to which the veteran in this interesting field of work can give but a qualified answer, as its solution depends largely upon circumstances and the purpose for which the animal is required, the work it is expected to perform, or the kind and quality of product it is to be turned into in the final analysis. Much also depends upon the location of the farm or ranch, the nature of the soil, the natural supply of suitable foods, and the demands of the best paying markets; and very much depends upon the tastes and preferences, the likes and dislikes, of the man. To be a really successful breeder of any class of pure-bred stock, the man must be a firm believer in the superiority, at least for him and his surroundings, of the breed he espouses, and to make the most of it he must be an enthusiast from conviction in his preference for the breed of his choice. He must make a study of the general principles of breeding, and by observation and experiment endeavor by intelligent methods of breeding, feeding and management, to conform his stock to the type that meets the requirements of the times and the markets. If he succeeds in accomplishing this end while maintaining the constitutional vigor and healthfulness of his animals, and in producing them at a profit, he has proved himself a genius and worthy of the appellation of a breeder. It has been said, with a good deal of truth, that there are ten men fit to fill the position of premier where there is one fit to make a successful breeder, and yet history and observation will justify the statement that wealth or high class education in the schools are not essentials to success in the field of stock-breeding, however helpful or desirable they may be, for many men of limited means and education have made, and are making, a success of the work, in nearly all the breeds, of modifying and improving the types of their animals, while maintaining intact their utility and profitableness as well as their beauty and attractiveness. The securing of this trinity of virtues is an accomplishment which brings with it genuine satisfaction and pleasure. But this end is not attained by sudden flight nor by blindly following the fads and fancies of visionary theorists or self-constituted oracles who are ever ready to tender advice on lines of breeding to men who in the school of experience have learned more on the subject than their advisors will ever know. Indeed, it is not too much to say that incalculable damage has been done the live-stock industry by the vaporings of these officious theorists, who also usually have an itch for scribbling and can generally secure space for their productions in the columns of publications conducted by people who know as little about the subject as themselves and accept them as the ultimatum of an oracle.

The object of this article, as will be seen, is twofold—to relieve from undue anxiety the minds

of those in doubt as to the choice of a breed, and to encourage the faith of those having made a choice in accordance with their own intuitions or natural preferences. It is, after all, not so much a question of the best breed in the abstract, as of its suitability to the circumstances and surroundings. There is good in all the breeds, and a place where they fulfil a good purpose as well as and perhaps better than any other breed, if intelligently managed. In the second place, it is well, having made choice of a breed, to be on guard, and, indeed, on the defensive against officious, blind theorizing or self-interested teachers, who assume to instruct practical men, recommending untested formulas of breeding and even presuming, in so far as their influence extends, to read whole breeds out of existence. The "Farmer's Advocate" has always pleaded for the improvement of all the breeds, rather than for the extinction of any, contending that the remedy for defects in type or utility lay in the selection, as breeders, of the fittest animals or those conforming most nearly to the desired or required type, and thus, by proper exercise, feeding and treatment, modifying the breed to the requirement, and, from close observation, we are satisfied that by these means substantial improvement has been made in nearly if not quite all the breeds in this country in the last few years, and our advice to breeders, if it is worth anything, is to stand by their guns and maintain their breeds intact, improving them steadily in the best direction, for we would regard as a national calamity the depositing of some of the breeds that have recently, evidently for selfish ends, been attempted to be discounted in official quarters. Let improvement, and not extinction, be the motto of all breeders, and the breeds will abide when fads and faddists are forgotten.

Rural Mail Delivery.

The free rural mail-delivery system has now spread to nearly every part of the United States. Though only six years since the first experiment was tried, there are now reported nearly 10,000 routes in operation, bringing probably 1,000,000 families in more direct contact with the business or town world. The time that is wasted and the discomforts to which farmers are subjected in many districts, going miles over bad roads and through inclement weather to secure their daily or tri-weekly mail, can hardly be realized by the city man who has his mail deposited at his front door twice a day if he does not care to walk a few blocks to the post office on a well-lighted sidewalk. Thus far in Canada little, if anything, has been done in that direction by the postal authorities, but it is a boon that would certainly be appreciated. In many localities there is a daily service by stage or train to post offices that are short distances apart, but in many others the situation is lamentably different. A prompt and regular free delivery would encourage correspondence and promote the business interests of farmers. The country telephone and rural mail delivery put the farmer and stockman on a very fair basis, compared with the townsman, as far as business communications are concerned. Seeing that it has been so generally and successfully established for the benefit of the U. S. farmers, the time is surely ripe in these progressive days in Canada for the introduction of the system here. The carriers should collect as well as deliver mail. What say our readers?

THE FARMER'S ADVOCATE AND HOME MAGAZINE.

THE LEADING AGRICULTURAL JOURNAL IN THE
DOMINION.

PUBLISHED SEMI-MONTHLY BY
THE WILLIAM WELD COMPANY (LIMITED).

TWO DISTINCT PUBLICATIONS—EASTERN AND WESTERN.

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JOHN WELD, MANAGER.

1. THE FARMER'S ADVOCATE is published on the first and fifteenth of each month. It is impartial and independent of all cliques or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardeners, and stockmen, of any publication in Canada.
2. TERMS OF SUBSCRIPTION—\$1.00 per year in advance; \$1.50 if in arrears; sample copy free. European subscriptions, 6s. 6d., or \$1.50. New subscriptions can commence with any month.
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9. LETTERS intended for publication should be written on one side of the paper only.
10. WE INVITE FARMERS to write us on any agricultural topic. We are always pleased to receive practical articles. For such as we consider valuable we will pay ten cents per inch printed matter. Criticisms of Articles, Suggestions How to Improve the Advocate, Descriptions of New Grains, Roots or Vegetables not generally known, Particulars of Experiments Tried, or Improved Methods of Cultivation, are each and all welcome. Contributions sent us must not be furnished other papers until after they have appeared in our columns. Rejected matter will be returned on receipt of postage.
11. ALL COMMUNICATIONS in reference to any matter connected with this paper should be addressed as below, and not to any individual connected with the paper.

Address—THE FARMER'S ADVOCATE, or
THE WILLIAM WELD COMPANY (LIMITED),
LONDON, CANADA.

Evening Attractions.

Regarding the question of attractions at the larger exhibitions, a correspondent writes that while he does not suggest doing away with wholesome entertainment before the grand-stand, he would propose that their programmes should be given chiefly in the evening. In this way the public would not be drawn away so largely during the best part of the day from the legitimate exhibits and educational features of the fairs. Manufacturers and others go to great expense to fit up displays of their products, and it is not just that the attractions should be so run as to divert and absorb so completely the attention of visitors. The point deserves consideration.

The Demand for Horses.

The summer that has just ended has been the best for the dealer in the long history of the market for good horses. Those in closest touch with affairs report that the demand for coach and carriage horses has been unprecedented, and that with the coming of fall there is a decided increase in the number of buyers. Common horses are not asked for to any extent, as the call is from buyers who have money and want the best the market affords. Of course, some of the fall activity can be traced to the call for horses that will do for the show-ring. But the summer activity had no such mainspring. It came from the regular and increasing purchases, which are due to the fact that the era of prosperity promises to continue with unabated energy. Men who are doing well in business indulge their taste for good horses, and instead of buying the medium grades, as they would in dull periods, insist now on having the best that the market affords. In consequence dealers and breeders are happy and the great horse industry is on as substantial a basis as any interest that can be named.—[Coach and Saddle.

The Western Fair of 1902.

The Western Fair for 1902, at London, Ont., has come and gone. It was a gratifying success both in point of attendance and exhibits. Last year the Western was hit hard by bad weather, Pan-American competition, and the dissatisfaction among thoughtful and influential people of late years regarding the growing preponderance of side-show and fake features, to the detriment of legitimate exhibitors, and the neglect of educational features. This year the weather smiled, and Western Ontario people, uncharmed by Buffalo, returned to their first love, the attendance aggregating probably 80,000, or double that of 1901. It was by far the largest since 1898, the year of the cheap railway fares. When the balance-sheet is struck, the fair treasury will probably show a surplus of several thousand dollars. In the matter of exhibits, also, there was a very marked improvement. The live stock, always good at this show, was better than usual in most departments, while the exhibit of poultry, fruit, agricultural and dairy products were all very fine. The directors are to be congratulated upon the excellence of the art exhibit, which excelled by far any display made at the Western Fair in recent years. The entire annex of the Main Building was devoted to art, and more will likely be required next year. Prof. F. M. Bell-Smith, of Toronto, captured the \$100 prize on a notable oil painting of a scene at the corner of Yonge and King streets, Toronto. All the leading manufacturers of agricultural implements who withdrew from the Canadian shows a few years ago are still conspicuously absent, but an American firm this year made an exhibit, and a member of a well-known Canadian firm intimated to the "Farmer's Advocate" that next season might see a change in the relations of fair managers and the implement men. Farmers everywhere complain of the absence of this great feature of the exhibitions. We are certain that the public would appreciate seeing the space occupied by the noisy "Midway" occupied by the splendid productions of the factories of the country. A proper representation would fill that avenue as well as the old manufacturers' building. The side-shows should be shunted into a corner, as was done at Toronto. Col. Gartshore (the President), Secretary Nelles and others deserve much credit for what has already been accomplished in the direction of improving the substantial features of the show, and we heard little or no complaint of the general character of the grand-stand attractions. The buttermaking competitions proved a splendid feature, for which a proper building, large enough to contain all the dairy exhibits, should be provided next year. The towns and villages of Western Ontario came to the show en masse, probably more so than the substantial agricultural public, which has not yet recovered from the feeling engendered of late years that the show had run too much to "circus." We earnestly counsel the directors to further improvement in educational directions and a higher standard of general excellence. Your work, gentlemen, in that direction is not yet done. It is only well begun. We find also, and feel bound to state the fact, that exhibitors and judges in a good many cases feel that they were shamefully neglected. In a couple of the departments, at least, the directors in charge could hardly ever be found when the judging was going on, the business being a regular "go-as-you-please." The horse department was probably one of the worst neglected in the whole exhibition. Descending to minor points, great complaint was made, both by exhibitors and visitors, of the wretched whitewash daubed on the ring fences and pens, doing great damage to people's clothes and the skins of animals. It looks all right, but should be made to stay where it is put. It is high time that such "Cheap John" expedients were discarded. With the good start the fair has made this year, it strikes us that the time is opportune for a decided advance, and what is wanted before much more progress will be made is the infusion of some new and more vigorous "blood" into the directorate.

STOCK.

Our Scottish Letter.

The late harvest is the sole topic of conversation here. On all hands it is agreed that the harvest will not be general for three weeks. In the earlier districts, fields that are cut may be seen, and in others roads are being made for the binders; but throughout the country the feature is the great bulk of straw and its green condition at this late date. Barley will now be a poor sample. Oats will be cut unripe. Wheat is being cut in a condition which pleases no one. To add to the gravity of the situation, we have during the past week had heavy wind and rain storms, and many fields of waving corn have been laid flat. The binders will be exercised to the utmost and the skill of their manipulators tested. There is bound to be a deal of middling work done by them, and much straw will be left on the ground. Fields will have more the resemblance of prairie land than is usual in these parts, but no doubt when all is over people will find cause for congratulation in the fact that, bad as things are, they might have been worse.

The season for lamb sales is almost over, and two things may be remarked regarding it. The lambs themselves have as a whole been put upon the market in only middling condition, but yet they have realized better prices than was anticipated. The late harvest and continued growth is to some extent responsible for this. "Keep" is plentiful, and in the main swedes and turnips promise well. There is therefore encouragement to feeders to go on, and no class of men in this country is more optimistic. They are badly hit some years, and after one such experience, one would think they would never invest in store lambs again. But a year of profit comes round, and the years of leanness are completely forgotten. Feeders go in more briskly than ever, and trade bowls along as though there was never such a thing as a period of mistrust, stagnation, and dead loss. Optimism is the sheet-anchor of the British farmer. The native agriculturist "never is, but always to be, blest"; and in anticipation of the day when the balance will be on the right side, he goes forth rejoicing, delighted if in the end of the day he is not found a bankrupt.

According to the statistics of the Board of Agriculture, it is a good thing for the farmer that he is an optimist. Not only is he cropping less than he did, but his live-stock census shows a decreasing population. This is not calculated to promote exhilaration of spirit, and it must be admitted that it is a condition of things somewhat difficult to understand. So far as cattle are concerned, the increasing demand for early maturity no doubt prevents that accumulation of stocks which used to be the great feature of British agriculture. The four-year-old steer, whose beef was the ideal of the epicure, is extinct; nobody now wants to keep a steer to that age, and therefore he is scarce and likely to become scarcer. But this demand for early maturity has been in existence quite long enough to have adjusted all disturbed balances, and I fear the chief reason why cattle are fewer in number than formerly is that cattle-breeding does not pay. This week, in conversation with a gentleman who is popularly supposed to have made cattle-breeding a success, I was surprised to find him emphatic in declaring that it was not so, and that were it not for his own business, he would not pursue farming for a day. He has his own profession to rely on as a means of subsistence, and his cattle-breeding ventures are simply a hobby. He finds them profitable as a means of relaxation, but not commercially. The truth is, the breeding of stock must be carried on as a part of the regular economy of the farm, and not for its own sake. In the former case the average man can make money out of it; in the latter, the Duthies and the Marrs may do well, but the average man gets left.

The tuberculin test is giving a deal of trouble in this country, and the majority of breeders here do not believe in it. What makes them skeptical is primarily the fact that tuberculin so frequently condemns the unlikely animal and lets the likely one go free. There is also reason to believe that the effect of the tuberculin can be nullified in various ways. Wise men suspect this, and give tested cattle or cattle from a herd in which testing is known to be carried on a wide berth. I do not believe that any eminent breeder in this country would give more for a bull which had stood the test than for one which had all the appearance of health, but reacted. During the next fortnight this idea will be reviewed. Cattle are to be sold by public auction, descended from cows which are popularly known to have reacted. They have all the appearance of being excellent cattle, and I will venture to predict that they will sell as well as any cattle which have stood the test. The testing officials of certain governments are



GORDON CASTLE OF THE DUKE OF RICHMOND AND GORDON, K. G.

also in bad odor with breeders here. They are credited with going about and telling what they have found in dealing with herds. This is not a wise course of procedure on the part of such gentlemen. Their duty is to test the cattle put before them, and hold their tongues about the results. He is a wise official who knows when to keep quiet.

Clydesdales continue to be shipped across the Atlantic in considerable numbers. The Donaldson liner, Marina, which sailed on the 23rd of August, carried five uncommonly well-bred Clydesdales, the property of Graham Bros., Claremont, Ont.; and Mr. J. B. Hogate, Toronto, had on board 13 Clydesdales and a big lot of other horses. The Lakonia, of the same line, which sailed a week later, had a big shipment aboard for Mr. Alex. Galbraith, Janesville, Wis. It numbered 21 stallions and two mares, the latter being the very fine prize animals, Lady Dec and Princess Alix. The horses shipped by Graham Bros. were an uncommonly nice lot. They are thick, well coupled, powerfully-built horses. They stand close to the ground, and are the sort Canadians have always preferred. Two of them have been prize and premium winning horses in this country, and the other three are younger horses and very well bred. Mr. Hogate works hard, and keeps his horses up to the mark. He buys horses that find a ready market, and out of which a man can make a living. Mr. Galbraith's horses, taken all through, were, perhaps, the best shipment which left Scotland this year. In it were prizewinners and blood of the best order. Mr. Neil Smith, Brampton, Ont., sailed on 6th of September with three horses which have proved themselves to be good doers here. They were purchased from Mr. James Picken, Torrs, Kirkcudbright. Mr. Galbraith and Messrs. Graham Bros. purchased from Messrs. A. & W. Montgomery exclusively, and Mr. Hogate got the most of his from Mr. W. S. Park, Hatton, Bishopton. He also bought from Mr. John Crawford, Manrahead, Beith; Mr. A. M. Simpson, Whitecross, East Kilbride, and Mr. James Kilpatrick, Craigie Mains, Kilmarnock, Clydesdales are being shipped in large numbers to South Africa, and there are numerous enquiries from that quarter for both Clydesdales and Ayrshires. Home trade is also very brisk. Many horses are under engagement for 1903, and, indeed, we never remember having seen so many reported at this early stage as there are this year.

Hackney breeding has received a filip by the sale of the late Mr. Eustace Smith's horses at Newcastle-on-Tyne. Mr. Smith was one of the most active men in the North of England. He was a man of great wealth and unbounded energy. Few of the enterprises for which that foremost part of the country is famed could be named in which he did not exert his energies. He was fond of good Hackneys, and his taste in horseflesh was splendidly justified by the trade for his horses on the dispersion of his stud. A pair of driving mares, Jenny Lind 11028 and Wild Lucy 11573, made 860 gs., or £903. The average price of 80 head was the respectable figure of £59 16s. Three-year-old fillies were making £336 and £126, and a gelding made £131 5s. Two hunting horses made £210 apiece. We are to have a great sale of Hackneys and Clydesdales at Millfield, Polmont, between Glasgow and Edinburgh, on 30th of September. Mr. David Mitchell, who has been an enthusiastic patron of both breeds for a good many years, is giving up the game, and will be missed from the ranks. He has a good stock of all classes, and deserves a first-rate sale.

"SCOTLAND YET."

Snap-shots of British Agriculture.

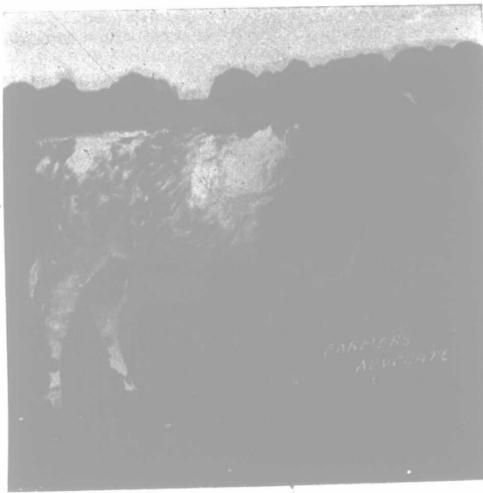
The witchery of kodakery is not confined to the townsmen, and as agriculturists we can appreciate the term applied to the art which has rendered possible the transference to paper and to permanency the live-stock beauties of the day. The compilation of the history and progress of the breeds is now rendered doubly interesting by the aid of the kodak, and yet beyond its scope is the portrayal of the lives of the men who have created or helped make the beautiful and yet useful, and therefore the more beautiful, types of cattle. Snap-shots of British agriculture would not be faithful unless possessing an

unmistakable animal tinge and color. The great trinity—grain, grass, and roots—valuable in themselves, are, however, little available as sources of human energy until converted into beef, mutton, pork, milk or butter. The profitable conversion of this raw material into the

of Goodwood and Gordon Castle, the latter with a rent-roll of £70,000 (\$350,000) a year. Goodwood is well known for its connection with the turf. The Canadian agriculturist will be more interested, however, in the Shorthorns. Gordon Castle, as the accompanying photo shows, is a beautiful spot, with its avenues and leafy walks, its greenhouses and gardens, its parks and curling pond, and its close proximity to the pretty fish-abounding Spey. The visitor to the steading will be struck with the solidity of the byres and stables, and the wise motto inscribed over the main entrance to the steading—"Never over-stock nor over-crop"—sage advice to any farmer, whether young or old. The Shorthorns are strongly infused with Booth blood, and while the cows are not of the strongest, several being ineligible to the Dominion Shorthorn Herdbook, the manager, Mr. Dawson, is endeavoring to put into practice the method of Sir George Macpherson Grant, of Aberdeen-Angus fame, who when asked how he managed to stay at the top, replied, "I buy the best bull I can find, and follow him with the best bulls I can find!" These methods have made the name Ballindalloch a name to conjure with in Aberdeen-Angus circles. Mr. Dawson is seeking to emulate the example set by the noted Daddie owner, and is now using in the herd Scotch blood through the medium of Village Archer, a lengthy, deep, thick roan son of Scottish Archer, and the Heatherwick-bred, thick-hearted, low-set, dark roan Prince of Fortune. On the estate is a large flock of unregistered Border Leicesters, the Duke not being a believer in sheep records. The flock, however, is vigorous, good tups being used exclusively. Roots (neeps), barley and oats are the home-grown foods, which have as an auxiliary the ever-present (at least in British herds) oil cake.

POWRIE.

However one may fancy a breed, justice demands the recognition of merit, and the Doddies, by their consistent records at fat show or on the block, have justly earned the encomiums of a carnivorous public. Close to Dundee, and not far from that noted highway of shipping, the Tay, is the fast-crumbling Powrie Castle and the home of the Smith herd of Doddies. Doubtless in olden days, from the arched and vaulted castle ladies of high degree and haughty mien looked forward to the return of their lords from a foray or cattle-lifting expedition, a sort of prototype of later days, when the terraced garden and comfortable farmhouse heid just such expectancy as to the successes of the Powrie herd at the Royal, the Highland, or Smithfield. Ten or twelve years ago, 'tis said, a dozen Angus cows could be picked in the park which could not be beaten anywhere. These cattle are the idols of their owner, who, wifeless and childless, like many other noted Old Country cattlemen, has devoted his energies and his life to their improvement and upbringing. This bovine-loving bachelor is a good companion and a jolly soul. Of him it is related, that when visiting a theatre, with some others, he was heard to remark, after a prolonged gaze at the stage beauties, "I aye thoct we had pairfection in the Doddies, but this aye beats them!" The farm of 300 acres has been in the hands of this ubiquitous family—the Smiths—since 1806, and previous to the Doddies, Leicesters grazed the parks. The present incumbent sums up the present status of Scottish agriculture in the following terse sentence: "Farming is either heaven or hell, and very little of the former nowadays!" Mr. Smith is very



HEIFER CALF OF RICHMOND AND GORDON.

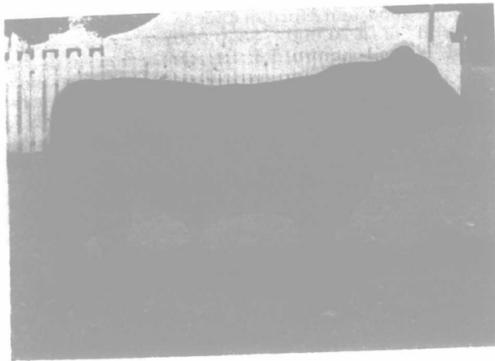
fuel to keep the human machine running calls for skill of no mean caliber, and no apology is needed for introducing to Canadians the owners of herds, drafts from which have been made to keep up the strength of Canadian herds and flocks. Shorthorns bulk largely in the affections of the majority of Canadian stockmen, and with good reason, as the reds, whites and roans have furnished the motive power of life—money—to many a stockman in the land of the maple leaf. His Majesty King Edward VII. has noted herds of Shorthorns and Deddies, which demand special attention by themselves.

"A NORTHERN HOME OF SHORTHORNS—GORDON CASTLE."

One of the admirable traits of the British aristocrat is his fondness for good stock, in which pursuit he has the keen and friendly rivalry of His Majesty the King and the Prince of Wales. Richmond and Gordon, K. G., blends the English and Scotch blood, and combines the estates



SHORTHORNS IN THE PARK AT GORDON CASTLE.



VOLODYVOSKI 20015.
Imported Aberdeen-Angus bull, one year old; first prize and sweepstakes, Toronto Exhibition, 1902.
PROPERTY OF JOHN RICHARDS, BIDEFORD, P. E. I.

happy in his remarks, as witness his comment after meeting a young transatlantic professor of animal husbandry whose long locks and Bohemian air render him more or less striking—"A professor! He should be on the stage—he looks like an actor!" The sideboard in the Smith domicile bears massive pieces of plate which show the Powrie herd to have done things. One cannot leave without a visit to the parks and seeing the level-backed, heavy-fleshing matrons file past him. Wise-looking are these old dams, with their inky-black, shiny skins and white udders. No description of Powrie would be true to life unless one mentioned the loquacious combination of grievance and cattlemanship, for whom would be wasted the old petition, "O Lord, gie us a guid conceit of oursel!"

INTER PRIMOS.

Provincial Exhibition, Halifax.

HORSES.

As is the case at many exhibitions this fall, the number of horses at the Provincial Exhibition, Halifax, Sept. 10th to 18th, was not as great as on former occasions, but the quality was better and there was a noticeable absence of inferior, poorly-fitted animals.

CLYDESDALES.—The number of exhibits in this class was small, but there were some animals of high class. In aged stallions, first place was won by the imported bay, Full of Fashion, by Prince of Kyle, out of Heroine, owned by L. A. Armstrong, Falmouth, N. S. This is a horse of the blocky type, with good, flat bone and fine feather. He is a stylish horse, with good style and action. He was exhibited in the same ring last year, but was in miserable condition and practically lifeless, and did not win a place, the first place on that occasion being given to the horse that was placed second to him this year, Glassey & Co.'s (Halifax) Imp. Adjutant, by Prince Shapely, ex Rosie, a fine big brown with good quality and action. Third place went to a bay son of Baron's Pride, owned by C. A. Webster, of Yarmouth.

Stallions, three years old—First, Performer, owned by W. O'Brien, of Windsor Forks.

Stallion, one year old—First, Cumberland Boy, by Acme, ex Effie, owned by W. W. Black, Amherst, N. S.

Brood mare—First, Effie, by Kohimoor, ex Dandy of Blochugh—W. W. Black; second, Lady Flashwood, by International, ex Effie McGregor—W. O'Brien, Windsor Forks.

Foal of 1902—First, Cumberland Girl, by Prince of Anwick, ex Effie—W. W. Black; second Recorder, by Performer, ex Lady Flashwood—W. O'Brien, Windsor Forks.

The diploma for stallion of any age was given to Full of Fashion. The diploma for mare of any age, also a silver cup, given by the Dominion Clydesdale Association, was won by W. W. Black's mare, Effie.

COACH STALLIONS.—First and second, Remus and Quay, owned by W. Hilsley, Canning, N. S.

HEAVY DRAFTS.—Mare or gelding, four years old and over—First, W. W. Black; second, P. Moore, Halifax.

Three-year-olds—First, J. Leslie, East Lawrencetown.

Two-year-olds—First and second, C. McNeil, Windsor, N. S.; third, W. O'Brien.

One-year-olds—First, W. W. Black.

Brood mare—W. W. Black. Foal of 1902—First, W. W. Black.

Matched team—First, W. W. Black; second, H. Dickie, Canard; third, S. Dickie, Central Onslow.

GENERAL PURPOSE.—In the section for geldings or mares, four years old and over, there was a field of eight excellent animals. First went to W. Murray, Halifax; second, J. R. Starr, Halifax; third, J. Cameron, Stellerton.

Three-year-olds—First, W. Murray, Halifax; second, D. A. McKenzie, Landsdowne Station. Two-year-olds—First, W. Palmer, Windsor Forks;

second, W. W. Black; third, J. A. Dalrymple, Melford.

Brood mare—First, W. Palmer; second, W. W. Black. Foal of 1902—First, W. W. Black; second, W. Palmer. Matched team—First, S. Dickie.

THOROUGHBREDS.—Aged stallions—First, Cyclist, an imported horse by Selby, ex Ups-and-Downs, a very nice little bay, with substance and quality, owned by A. Drysdale, Windsor, N. S.

Brood mare—First, Zera, by Moccasin, owned by F. E. Came, St. Andrews, N. B. Yearling—Avon Lass, Wm. O'Brien. Foal of 1902—First, Spurgeon Gammon, River John; second, F. E. Came. Brood mare—First, F. E. Came.

STANDARD-BREDS.—In aged stallions there appeared five high-class horses. First went to Warren Guy (2.12½), the veteran race-horse by Princeer, ex Lady Emory, owned by F. C. Bill, Billtown; second, Bellnut, by Sir Nutwood, ex Clay Belle, owned by S. W. Pligh, Berwick; third, Provincial Blend, by Special Blend, ex Jersey Lily, owned by J. L. Whitman, Torbrook.

Stallion, three years old—First, Thos. Moore, New Glasgow. Stallion, two years old and one year old—In each section F. Boutelier, Halifax, won with a son of Rampart, ex Lucy G.

Brood mares—First, Thos. Munroe, New Glasgow. Filly, one year old—First, J. A. Sellers, Westerly, N. S. Foal of 1902—First, T. Munroe. Warren Guy won the diploma for stallion any age.

ROADSTERS.—Brood mare—First, A. Drysdale, second, Samuel Miller; third, J. G. Sievert.

Three-year-olds—First, E. W. Hilsley; second, J. Corney; third, A. Lampier. Two-year-olds—First, W. R. Fitzmaurice; second, A. E. Blois. Yearlings—First, R. H. Margeson; second, J. G. Sievert. Foal of 1902—First, S. Miller; second,

Archibald, Truro, N. S., were again on hand with strong contingents. D. S. Collins, Port Williams, N. S., was a newcomer, and he brought with him a particularly nice lot of young things. In addition to the above, there were a number of scattering entries, which helped to make a really good show. Awards went pretty much the same as at St. John, though, owing to different age limits, there was a different rating of the herds. Archibald again had the championship bull, Robert the Bruce, and Dickie the champion female. In herd of bull and four females over two years, Harris had first, Dickie second, and Archibald third. In St. John, yearlings were allowed in the herd, which made a difference in the rating. For breeder's young herd, Archibald again took first place, but was followed closely by Collins, the latter gentleman also making a good showing in the calf sections. The Dominion Shorthorn Breeders' Association special for herd of bull and four females any age was carried off by Archibald, with Harris a close second.

HEREFORDS.—W. W. Black, Amherst, N. S., had no competition in Herefords, except in two-year-old bulls, in which section Wm. O'Brien, Windsor Forks, showed a capital bull of Black's breeding, which took second place to Black's Cassio of Ingleside, by Mark Hanna. Old Sir Horace was on hand again, as fresh as ever. The value of this bull can easily be seen by the high character of his progeny in the Black herd. Mr. Black's stuff was shown in perfect condition, and was, perhaps, the best-fitted herd on the grounds.

ABERDEEN-ANGUS.—Only one lone specimen of this breed put in an appearance, and that was shown by J. A. Magee, Port Williams, N. S.

GALLOWAYS.—Senator Ferguson, Charlotte-town, P. E. I., and W. W. Pineo, Waterville, N. S., owned all the Galloways, and divided the



VANILLA 4TH, VANILLA 3RD, SIR WALTER, AND MAIDEN'S BLUSH.
Some of Thos. E. Wallace's Shorthorns exhibited at the Portage la Prairie Show.

J. L. Griffin; third, A. Drysdale. Single horse in harness—First, J. Glassey; second, H. McPartridge, third, T. Munroe.

CARRIAGE HORSES.—Brood mare—First, G. L. Sellers; second, H. S. Bauld. Three-year-olds—First, G. L. Sellers; second, J. Holland; third, J. W. Hamilton. Two-year-olds—First, T. R. Black; second, W. B. A. Ritchie; third, F. C. Bill. Yearlings—First, E. W. Hilsley; second, H. G. Bauld. Foal of 1902—First, H. G. Bauld. Single horse in harness—First, W. M. Carruthers; second, W. H. Townsend.

HACKNEYS.—Aged stallions—First, Rydale Fashion, by Langton, ex Grace, owned by Glassey & Co., Halifax; second, Seagull, by Danegelt, ex Lady Lucy, owned by G. R. Nicolls, Berwick. Stallion, three years old—First, Lord Roberts, owned by T. R. Black, Amherst, N. S. Stallion, two years old—First, Colchester King, owned by E. Dickie, Upper Stewiacke. Yearling stallion—First, Sensation, by Majestic H., ex Queen Louise, owned by Glassey & Co. This is a large, chocolate-chestnut colt, with substance, style and action. He also won diploma for stallion of any age, and promises to make a high-class horse.

Brood mare—First, Miss Lynn, owned by T. R. Black; second, Sheila, owned by F. E. Came; third, Wennona Dainty, owned by T. R. Black. Gelding or filly, two years old—First, Victoria, T. R. Black. Yearlings—First, Chamcook May, F. E. Came; second, Wansta, T. R. Black; third, Violeta, T. R. Black. Foal of 1902—First and third, T. R. Black; second, F. E. Came.

T. R. Black won diploma for mare of any age with Miss Lynn.

CATTLE.

The exhibit in cattle, sheep and swine was very similar to that at St. John, though the few changes which occurred were rather in favor of Halifax.

SHORTHORNS.—L. G. Harris, Canning, N. S.; Frank E. Dickie, Canard, N. S., and C. A.

honor pretty evenly between them. Some good specimens of this breed were shown, but they were especially notable for their entire lack of fitting.

DEVONS.—Geo. W. Moses, Ohio, N. S., had out a small herd of "rubies." They were in rather thin condition, but of very fair quality.

AYRSHIRES.—The principal exhibitors in this class were Fred S. Black, Amherst, N. S.; M. H. Parlee, Sussex, N. B.; C. A. Archibald, Truro, N. S.; Jno. McDonald, New Glasgow, N. S., and a few others with small exhibits. This was a really fine exhibit, and competition was keen in



COTSWOLD YEARLING RAM.
Winner of first prize as a lamb at the Royal Show, and first at Toronto and London, 1902.
PROPERTY OF J. C. ROSS, JARVIS, ONT.



SOUTHDOWN SHEARLING RAM.

First-prize Ottawa and Toronto Exhibitions, 1902.
PROPERTY OF MR. F. F. CAME, CHAMCOOK STOCK FARM, ST. ANDREWS, NEW BRUNSWICK.

all sections. Parlee had both male and female champions, the former on Isaleigh Earl 11701, and the latter on Snowdrift of Barcheskie (imp.) 10481. Black's two-year-old bull, Commander of St. Annes 13130, had numerous admirers about the ringside who supported him for championship honors. Parlee also captured the herd prize, with Black second, and Archibald third; while the breeder's young herd went to Archibald, Parlee, and Black, in the order named.

JERSEYS.—There was a good turn-out and many excellent representatives of this breed. Walter McMonagle, Sussex, N. B., and W. S. Pipes, Amherst, N. S., brought their herds over from St. John, but they met a new and formidable competitor in J. Rufus Starr, Lower Church St., N. S., and a large contingent with small but excellent entries from the neighborhood of Halifax. McMonagle's aged bull, Pedro 17th of Hood Farm, had to yield first place to Starr's Imp. Golden Trooper, who also secured the male championship. J. L. Hartlen, Halifax, had the champion female in Daisy's Wild Rose. The herd prize went to Starr, and second and third places to Pipes and McMonagle, respectively. The young herd prizes went to Starr and Pipes, in the order named.

GUERNSEYS.—Walter McMonagle, Sussex, N. B.; E. R. Brow, Charlottetown, P. E. I.; S. J. Moore, Shubenacadie, N. S., and McMillan & Dawson, Charlottetown, were the principal exhibitors, though there were some excellent entries outside of these.

McMonagle's aged bull, Imp. Gem of Norwood, who took first in class and male championship in St. John, had to yield both these honors to Moore's Victor of Guardian, who is a bull of exceptional merit. McMonagle had the champion female. The herd prizes went to McMonagle, Brow, and McMillan & Dawson, and the young herd to Brow and McMillan & Dawson, each in the order named.

HOLSTEINS.—Logan Bros., Amherst Point, N. S.; F. E. Came, St. Andrews, N. B.; Samuel Dickie, Central Onslow, and a few others, fought it out in this class. The quality, on the whole, was good, and the competition keen. Jas. McKenzie, Shubenacadie, N. S., had the male champion, and Logan Bros. the female champion. Logan Bros. and Dickie stood in the order named in both herd competitions.

QUEBEC JERSEYS were shown by J. E. Baker, Barronsfield, N. S., and Edward Baker, Amherst, but there was nothing of special merit in the class.

GRADES AND FAT CATTLE.—In the grade and fat classes a large number of competitors faced the judge. W. W. Black, Amherst; F. W. Thompson, Fort Lawrence; D. S. Collins, Port Williams, and C. C. H. Eaton, Canard, were the principal exhibitors.

The grade dairy cattle also made a strong exhibit, and made a very interesting contest, as did also the class for working oxen.

SHEEP.

The sheep exhibit was good, on the whole, the strongest competition being in Oxfords and Shropshires.

Leicesters.—Albert Boswell, Pownall, P. E. I., and M. H. Parlee, Sussex, N. B., divided most of the prize money between them, the former securing most of the firsts, together with the flock prize.

Cotswolds.—In this class the struggle was be-

tween H. W. Corning, Chegoggin, and H. B. Parlee, Sussex. Parlee has some good sheep, but they lacked fitting, while Corning has a capital flock, pretty well fitted. Corning got practically all the firsts, as well as the flock prize.

Dorsets.—Only one flock was shown, and that was not fitted. J. M. McDonald, Hopewell, was the owner.

Lincolns.—Albert Boswell, Pownall, and R. G. McLeod, Landsdowne Station, had the only representatives of this breed, Boswell taking most of the firsts.

Shropshires.—This breed made a very fine showing in the hands of Logan Bros., Amherst Point; Albert Boswell, Pownall, Andrew McPherson, Rocklin; Wm. Sharp, Windsor; Jno. McDonald, Shubenacadie; Logan & Harris, Pictou; and a few others. Logan Bros. had the best of it throughout, their flock being uniform and true to type.

Oxfords.—There was hot competition here, too. Silas Lane, Southport, P. E. I.; J. E. Baker, Barronsfield; Fred S. Black, Amherst, and S. J. Moore, Shubenacadie, had out a really good lot of sheep, and made an interesting fight. Only the first three had full flocks, which rated in the order named. Moore had only a pair of ram lambs, on which he obtained first and second.

Southdowns.—Robert Furness, Vernon River Bridge, P. E. I., and D. R. McKay, Hopewell, showed flocks, and won in the order named. F. E. Came, St. Andrews, showed a few beautifully-fitted specimens, which were easy winners in their sections.

Hampshires.—Alex. Munroe, Marshdale, had the only exhibit in this breed. The quality was good, but they lacked fitting.

Cheviots.—David Ballentine, Woodbourne; Peter Adams, Plainfield, and Henry Leithead, Logan's Tannery, made a fair exhibit of this hardy little breed, but the sheep were in anything but show condition.

Two large classes of grades completed a very interesting sheep exhibit.

SWINE.

The swine exhibit was not large, though there were some good Yorkshires and Berkshires on hand, these being the only classes where the competition was really interesting.

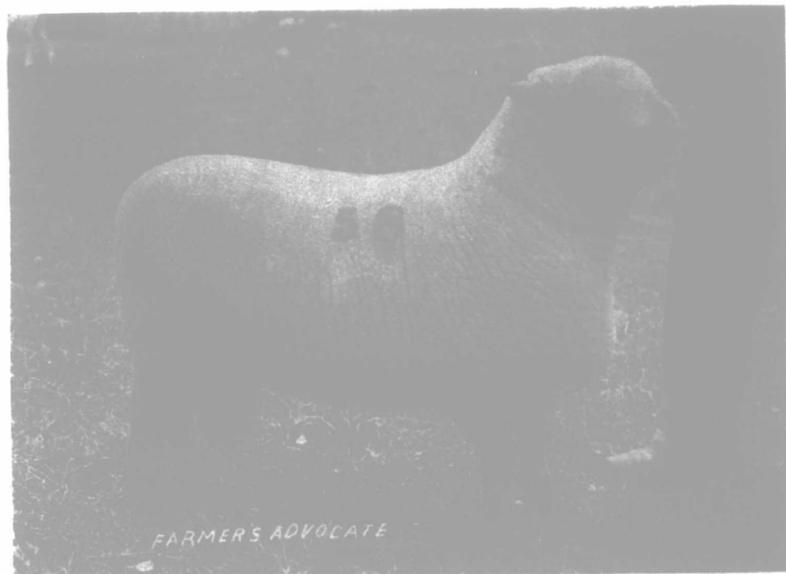
Berkshires were shown by M. H. Parlee, Sussex; H. W. Corning, Chegoggin, and Logan Bros., Amherst Point, and the prizes were pretty evenly distributed.

Yorkshires were brought out by J. W. Callbeck, Augustine's Cove, P. E. I.; M. H. Parlee, Sussex; C. J. Keller, Dartmouth; F. E. Came, St. Andrews; Logan Bros., Amherst Point, and a few others. The first named secured the best of the prizes.

H. W. Corning, Chegoggin, showed Chester Whites; J. A. Gould, Aylesford, Poland-Chinas; Jno. McDonald, Shubenacadie, Tamworths; J. E. Baker, Barronsfield, and E. Baker, Amherst, Duroc-Jerseys; and there was a very good supply of grade swine. Compared with other years, the swine exhibit was somewhat weak, though the quality, with a few exceptions, was good.

"Bucket Shop Methods with Shorthorns?"

It is not so long ago that the colored lady, whether cook or nurse, would refuse to work for any but the "first families," and dubbed all others "white trash." To-day we see the methods of the Ethiopian repeated in the Shorthorn ranks, with the absolute certainty of such results following as followed the Duchess craze and boom. Dividing the reds, whites and roans into families renders the work of the speculator and dealer easier, more alluring and more profitable than if animals of this noted breed were judged on their merits for the block, the dairy or the breeding herd. All Scotch is the slogan of the boomster who seeks to make hay while the sun shines. This person probably has visited a herd and finds in it a family containing some good representatives, which for the nonce we will term "Widehooks." Unknown to fame and the breeders, this plebeian family is boomed by the finder, who by different methods makes of them aristocrats, without, however, offence to those of similar rank but far more ancient lineage, thus differing from their human confreres. The importer—usually, by the way, an expert, and only experts can play the game without getting singed—starts to work the market, and gets his reward, and the novice bows down and worships the Widehooks or jostles his neighbor to get a chance to bid on one. It is an interesting study, the booming of a Shorthorn family, and is a marvellous testimonial to the power of trusts—trust in the gullibility of the human race, and trust in a brother dealer or speculator. One avenue to the moneyed novice and the breeder is the public sale—a vendue is held amid great flourish of trumpets; auctioneers are distributed among the onlookers, and the play commences. A brother dealer is, for the time, transformed into a Napoleon of finance, and buys the 1000th Lady Barren at a big figure, on paper, and a beginner in the business of breeding Shorthorns, afraid that all the plums will be gone, gets excited, and, thinking that this will be the last call for "good roasts on foot," steps into the ring and has unloaded on to him Duke Sterile 20th, who does nothing more for his owner than consume a barrel of molasses and win a prize at a State fair. The sale is a success—the family is boomed—but the breed is injured, because of fictitious prices, unreliable deals, and the air of uncertainty that begins to pervade the ranks of the breeders. The big breeder, anxious to profit by the temporary boom, sells his culls for breeding purposes, instead of to the butcher; while the small breeder, frightened at the high prices, dares not lift his eyes to the offerings of good bulls, invests or rather throws away his money on an inferior, low-priced one, because he fancies he has not the wherewithal to possess a good one. Confidence is lost and prices go down to the level of the "submerged tenth," only illustrating again the swing of the pendulum. An ancient sage tells us that "all is not gold that glitters," and we might add that "all are not good ones that are imported." The booming of a breed beyond its value would not be possible if all were possessed of an accurate knowledge of what constitutes merit in live stock! Crazes in live-stock breeding are the manifestations of live-stock ignorance, and call for prompt treatments, one of the most successful of which is a school of live-stock judging. The butcher's block or the consumer's palate recognizes not family, and the pair constitute judge and jury of the live-stock world. INTER PRIMOS.



LORD ROBERTS 4TH.

Two-year-old Shropshire ram, sired by an imported Tanner-bred ram, dam an imported Minton ewe. Winner of first prize, Toronto Exhibition, 1902, and sweepstakes for best American-bred Shropshire ram, any age; also first at London.

OWNED AND EXHIBITED BY D. G. & J. G. HANMER, MT. VERNON, ONT.

In fillies and mares with foals, the number was not large, but again the quality was very commendable. Laura, a grand big, well-quartered animal, with plenty of bone of excellent quality, owned by Jno. Gardhouse, Highfield, was given first for mare with foal by her side, and also the gold medal granted by the English Shire Association for best mare of any age. Her foal by Pride of Hatfield was placed third, but might have enjoyed a higher position had not sickness in early colthood hindered its development. Morris & Wellington's Leila, bred by Jno. Lewis, Wales, was second in this lot, her foal receiving the red. Nellie Bay, the property of S. C. Wood, Hensall, third; and a colt bred by the same exhibitor second in its section. Only one filly three years old came into the ring, but she was a good one, fit to do credit to her exhibitors, Morris & Wellington, in strong company. In fillies two years old, Morris & Wellington again came to the front, having the first-prize winner in Imp. Moulton Marianne, and second in Birdie, a good mare of their own breeding. The same exhibitors had the only yearling filly shown, but an animal of quality—quite equal to the others on exhibition.

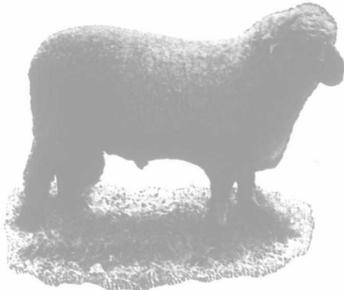
HEAVY DRAFTS.—A big show of Canadian-bred heavy drafts was expected this year, and in most sections there was a fair number entered. The awards were made by Jno. Bright, Myrtle; Jno. T. Gibson, Denfield, and Jno. Warrilaw, Owen Sound. In aged stallions the catalogue called for four, but J. Devitt & Son, Freeman, had the only horse to face the judges, their Nickel Steel being sent away with the red ribbon. The call for stallions three years old brought out representatives from the stables of Graham Bros., Claremont; D. McPhaden, Cresswell, and Devitt & Sons, Freemont, the prizes being given in the order as named. They were a first-rate lot, fit, every one of them, to produce good drafters, but excelled in general quality by the two-year-old section, from which came the champion stallion any age. R. C. Grandy, Springville, was the lucky possessor of this horse, a thick fellow, with good bone, a grand set of legs, and fair action, sired by Macinnes. John Miller & Son came second on Royal Macqueen, a nice colt, of good body and bone, sired by Old Macqueen [462]. Graham Bros. took third on Earl of Fife, a good type of heavy draft. Morris & Wellington secured the red on a very smooth yearling, of good bone; the blue and yellow going to gets of Old Macqueen that were no disgrace to their sire, owned by G. Davison, Cherrywood, and Jno. W. Cowie, respectively.

The best brood mare was found in Bawden & McDonnell's Betsy, a right good stamp, the kind that breeds drafters which sell. Jno. W. Cowie came next with Fanny Redmond, a brood mare of no mean order, as the first-prize foal at her foot, by Macqueen, testified. Bawden & McDonnell again came in by winning third place on Bonny and second on foal, while third went to the Claremont stable. It took the judges but a short time to place the fillies of three years old, first going to the Hodgkinson & Tisdale string, and second and third to Andrew Atkinson, Guelph. The same might be said of the two-year-old section, where the order of winning was Jno. Vipond, Brooklin; Hodgkinson & Tisdale, and Colin Cameron, Etobicoke. Mare and two of her progeny brought forth a few good ones. Bawden & McDonnell showed Betsy and a couple of nice colts, but Jno. W. Cowie's Fanny Redmond had a pair that the judges considered even better.

The heavy-draft teams formed a class which for splendor, quality and general excellence was surpassed by none at the Exhibition. Altogether, seven pairs hitched in leather that exemplified their usefulness appeared before the tribunal of inspection. In breeding they were mostly Clydes, the only exceptions being Jno. Gardhouse's Shire mares, the victors in the same ring last year, and a pair shown by Robt. Davies, probably of Percheron extraction. Graham Bros. had Moss Rose and King Rose, the winners in single harness, a mighty hard outfit to beat. They were the heaviest team on the ground, and showed just about as much quality as any. The judges therefore expressed the sentiments of onlookers generally by giving to them the first premium. The other awards, however, were not so satisfactory: Wm. Hendrie, Hamilton, being placed second, on a heavy pair of low-set, thick type; Geo. Moore, Waterloo, taking third with a nice, toppy team, geldings, of good Clyde character and quality, superior in many respects to the latter; while the Gardhouse Shires, which included Laura, the gold medal female of her class, and Violet, a good mate, were obliged, evidently on account of their breed, to take fourth place. While it was creditable in a large degree to have won anything in such a contest, a different arrangement of the last three teams, in our opinion, should have been made.

HACKNEYS.—There is no more attractive horse than the Hackney, either in the ring or the halter, or elsewhere in harness. His wonderful fitness to beget horses that sell at long prices for carriage purposes has increased his popularity. It was therefore with no little interest that

spectators viewed the exhibitions of style and action given within the little circle where Richard Gibson, Deleware, and Geo. B. Hulme, New York, were handing out the ribbons. The entries were no greater than heretofore, but a few individuals of American and English breeding made their first appearance on Canadian soil. In stallions over four years, Bawden & McDonnell, Exeter, got away with first and afterward the championship and medal on Connaught's Heir, the three-year-old winner of last year, that has been well handled of late. He is a big strong, smooth-bodied horse, with a fine set of limbs which he handles with much dash. The same exhibitors had Buller, a recent importation, that has scarcely recovered from the effects of his voyage. This is a compact, heavy-bodied horse, with strong



OXFORD DOWN RAM LAMB.

Bred by J. H. Jull, Burford, Ont., and sold to Shannon Bros., Cloverdale, B. C.

bone, and is of the old English type. He moves well, and when fitted will take a higher place than third. Second prize went to Graham Bros., on Attraction, lately from the stables of F. C. Stevens, Attica, N. Y., and a son of the famous Fandanggo. Like his sire, he handles himself well, but is scarcely as thick and heavy as the champion. Robt. Ness & Son showed and won first on Bally Garton, a big, 1,200-pound three-year-old, bred by F. J. Batchelor, Alvechurch, Eng., that only landed two weeks before the show. Considering his condition, he is a mighty showy colt, having hock action unequalled perhaps by anything on Canadian soil. Guelph Performer, owned by Hastings Bros., Crosshill, a get of Square Shot and out of Miss Baker, a smooth-bodied colt of good stamp, but rather deficient in training, came second. In two-year-olds, Thorncliffe Performer got the first for Robt. Davies, winning over Graham Bros.' All Fours and Lord Brilliant. He is an attractive colt, and was held reserve for championship. In future he is likely to be heard from. The section for yearlings had but two, T. A. Cox's Jubilee Performer, by Jubilee Chief, being first, and Graham Bros.' Storm King second. Horace N. Crossley, Rosseau, had the only filly shown, a two-year-old, out of the famous Lady Cocking, but she had enough breed character and quality to win out for best female. First for brood mare went to the same breeder, in a strong class, Robt. Davies being second and fourth, and

fitting was evident. A big, active, fast-moving Hackney, one of Bawden & McDonnell's last English purchase, came first in mature stallions, and later secured the sweepstakes for best stallion in the calss of any age. This horse has a grand appearance, and will surely prove a valuable addition to the ranks of high-stepping sires in this country. Lord Roberts, a beautiful bay, of fine style and manners, by the Thoroughbred Wiley Buckles, won for his owner, J. L. Reid, Derry West, the second premium; third going to Performer, a good mover, son of Phenomenon, shown by W. N. Scott, Milton; a few others of considerable merit stepping away without a place. The two and three year old sections were not strong numerically, but the quality was superior to previous years. In both cases J. L. Reid was victorious with the progeny of Wiley Buckles; General Buller, his three-year-old, a very showy young stallion, being a strong competitor for sweepstakes.

At the call for three-year-old fillies the strongest contest of the class began. No less than seven lined up for examination. After due trial, Crow & Murray took the red on a bay mare with clean-cut head and neck, and a fine set of limbs. Slack & Hendrie, St. Mary's, came second on a very showy animal; and Jno. McArthur, Erie, third on a daughter of George Imperial. The yearlings and two-year-olds were not so numerous as the former, but a few charming individuals contested. Brood mares and foals were an interesting lot. Florey K. and her foal by Performer won two firsts for J. W. Bessy, Georgetown. G. A. Bennet & Sons, Carlisle, had the second prize, and W. C. Brown, Meadowvale, the third.

No section of harness horses except the heavy drafts commanded greater attention than the carriage pairs and single drivers. It was here that the city dealers got in their work, and the competition between the different stables was of a most interesting character. For single horse, 15½ hands and under 16, fifteen entered the contest, and it required no little effort on the part of the judges to make a selection. After six fairly good ones had been retired, Geo. Pepper got the red, Jno. McDonald coming next, with Maher third, and Yeager following. In pairs competition was almost as keen, and all the horses showed good fitting, and the manner in which they were handled while in the ring was very instructive to observing young horsemen.

THOROUGHBREDS.—Heretofore Thoroughbreds, the oldest and purest of the equine race, have not figured so prominently at Toronto Industrial as some of the other breeds of light horses. However, the growing demand for saddle horses and hunters and the special fitness of the Thoroughbred to produce animals of the desired conformation have doubtless had a stimulating influence upon their popularity. This year the entries numbered 34, as compared with 18 one year ago. Four mature stallions faced the judge, Mr. C. J. Enright, Lexington, Ky., who, after due consideration, gave first place to Robt. Davies' chestnut Capanga Colt, a strong-built, breedy-looking horse, by Spendthrift and cut of the sweepstakes for best stallion any age. Wm. Hendrie, Hamilton, had the second prize in Derwentwater; while Dogtown, a breedy-looking sire, won third for S. P. Thompson, Woodstock. For the first time there was a special section for stallion best fitted to produce hunters and saddle horses. The result, however, was somewhat disappointing, as only two entries were made; Quinn Bros., Brampton, getting first award on Woodburn, a muscular, well-put-together horse, who had headed the list of Thoroughbreds here on former occasions; and Mossip & Waugh, Thorndale, second on Temple. Some very nice fillies were shown, the principal exhibitors being Wm. Hendrie, Hamilton, and Robt. Davies, Toronto. The former secured the pennant for best brood mare, his chestnut Spark doing the trick and later winning the female championship prize.



SALEM STAMFORD AND MAMIE STAMFORD.

Salem Stamford, Shorthorn cow, third at Western Fair, 1902, and five-months daughter, Mamie Stamford, first under six months at Toronto and third at London under one year.

PROPERTY OF GOODFELLOW BROS., MACVILLE, ONT.

Graham Bros. third on Beautiful Nell. Robt. Davies' stable had the best foal, which was sired by Squire Rickell and out of Danish Lady. Crossley's colt by the same sire came next, and Graham Bros. third. The best mare eligible for registration in the English Hackney Register was the 19-year-old Lady Cocking, the property of Horace N. Crossley.

CARRIAGE AND COACH.—The Hackney judges, Messrs. Gibson and Hulme, assisted by Dr. Grenside, of New York, did the placing in Carriage and Coach horses, and although the number entered was not large, they included a variety of breeding. Some nice animals, however, entered the ring, and in nearly every case good

ROADSTERS.—The show of Roadster horses, either on the line or in harness, was little larger than in previous years, but it is questionable if ever the quality was excelled. Style, speed and action were also to be seen in abundance, and the task of judging as performed by Geo. McCormick, London; Dr. Quinn, Brampton, and Jno. Harris,

Woodbridge, was by no means an easy one, yet, generally speaking, horsemen were satisfied with their decisions. Seven good movers responded to the call for stallions over four years, and when the colors had been placed horses of real merit had to go away without a ribbon. First prize and finally the stallion sweepstakes was captured by A. C. McMillan, Erin, with Ren Wilkes, by Rensellar. He is a beautiful brown, having a smoothly-turned body, supported by four clean limbs that move swiftly and at the same time display action that is even and high for a roadster. Graham, Paxton & Collicott's (Port Perry) Pennville Boy, the second-prize winner of 1901, was again placed second. This is a black horse, strong in breed character, but scarcely equal in action to Ren Wilkes. The third award was given to Joe Chamberlain, a spirited fellow, but lighter than the others in bone, the first-prize horse of last year, owned by G. W. Langs, Round Plains. The two and three year old sections were not particularly strong in numbers, there being just enough to take the prizes. In the latter, Cloughton & Ward, Utica, had the first, a nice acting get of Reflector. The winner in two-year-olds was Moses R. Hemingway's (Unionville) Leacon Jr., the yearling champion of one year ago, a smooth colt, with a grand set of limbs and action that is easy and free. Seven yearlings contested for the coveted ribbons, Goldleaf, a sweet little fellow, by Uncle Bob, taking the red for M. E. Mitchell, Brampton; Miss K. L. Wilkes, Galt, being in second place, and H. N. Crossley, Rosseau, third. Amongst the fillies there were some exceptionally good ones. Boucher Bros., Huttonville, had Flossie, a beautiful mare, that completed her third first prize by winning in three-year-olds. D. G. Adams won on a fancy two-year-old, and Morris & Wellington did the same in yearlings. The best mare of any age was found in Jessie McLaughlin, owned by J. A. Kelley, Listowel. This mare also won first for single road driver under 15½ hands, and the same premium for Standard-bred in harness. She is a lengthy bay, of beautiful style, a willing worker and good mover.

STANDARD-BRED TROTTERS.—It was in Standard-bred trotters that speed, if not style, was to be seen at a maximum; and, indeed, the style in several sections was by no means deficient. The section for mature stallions had some choice specimens that were judged by T. Hodgson, V. S., Toronto. Larabie the Great, a big, bony bay, of great substance and splendid action, owned by A. McLaren, Buckingham, was placed first. In the final test the same horse won the sweepstakes medal. Second was taken by Edward, an Indiana-bred mover, imported last spring by T. Caster, Uxbridge. Colin McKeigan's Lord of Manor, from Strathroy, stood third; while several worthy ones were obliged to go to the barns without colors. The three and two year old sections had some fairly good specimens, and of no less importance was the yearling lot, many of which are certain to appear prominently in future contests. Several excellent fillies appeared, but the competition, as a rule, was not so keen as in other classes. Jos. A. Tovell, Guelph, showed Leora Wright, by Loeraine, the best mare with foal. Miss K. L. Wilkes had the second prize, and Robt. Davies third. A group of nice foals came next, and from this ring Geo. W. Kennedy, Iderton, went triumphantly with a get of Royal Rysdyk. Miss Wilkes followed, and Robt. Davies next.

In ponies, dog-cart, high-steppers, hunters and saddle horses there were large entries, and except in the former, the contest was principally between the training stables of Toronto. Nevertheless, the showing was an instructive one, giving to farmers and other interested spectators an idea of what may be accomplished with animals of good breeding.

ECHOES FROM THE HORSE RING, TORONTO.

To win, you must have good stock, well fitted, and trained to show in the ring to advantage.

The horses for general purpose were about the least important class at the show. They were also a most unsatisfactory lot to judge.

Among the students who competed for honors in judging were several enterprising fellows; just the kind that make horsemen. If some of them do not shine at a later date, we'll be surprised.

Thompson, for Bawden & McDonnell, handled Connaught's Heir and Clerkenwell to perfection. "Jack" is fast winning a name for himself among fitters of high-steppers.

"Scotty," of the Morris & Wellington contingent, didn't do a thing but speak the praises of his favorites. He was about right—they were good ones.

Some criticised Chairman W. E. Wellington, and said "he couldn't run a show," but they saw through a glass darkly and were blind to the fact. He can teach most of them manners on that point.

Had the type which the Clyde judges selected in mature stallions been adhered to down through the other sections, better satisfaction would have been given.

W. A. K. Campbell, travelling agent for Durham, Fletcher & Coleman's Stud Farm, Wayne, Du Page County, Ill., was an interested spectator by the ring-side. He intimated that this firm would likely make an exhibit of Percherons at the Industrial next year.

Some farmers brought in carriage and roadster teams, among which were fair specimens of horseflesh, but they so lacked fitting that defeat was generally the outcome.

The old idea that you need to stand in with the judges to get a prize at Toronto is a delusion. Favoritism may occasionally be shown, but he who does it only hands out the colors one year.

CATTLE.

All the breeds in the list were well represented, the Shorthorns and Ayrshires predominating in numbers, the entries of the former totalling 130, and of the latter 139. The number of exhibitors in the Jersey and Holstein classes was more limited than usual, but the quality was quite up to the standard, the young things being especially notable for uniformity of excellence in type and character.

SHORTHORNS were strong in numbers, and the younger sections, especially the females, unusually superior. The principal exhibitors were W. D. Flatt, Hamilton; J. & W. B. Watt, Salem; Jas. A. Crerar, Shakespeare; Goodfellow Bros., Macville, and Geo. D. Fletcher, Binham, who each showed full graded herds. Capt. T. E. Robson, Iderton, and W. C. Edwards & Co., Rockland, showed young herds, and only competed in the sections for young things; while other exhibitors showed smaller numbers. Messrs. Arthur Johnston, Greenwood, and W. G. Pettit, Burlington, judged the class, and gave general satisfaction.

Crerar's imp. Captain Mayfly was first in the rating in the aged bull class, though many thought that Fletcher's Spicy Robin, a lengthy, level roan, Watt-bred bull, might well have been preferred. In the two-year-old section was found the senior champion bull in Flatt's imp. Spicy Marquis, a rich roan of excellent type and character, bred by W. S. Marr, Uppermill, sired by his Spicy Robin, and out of Maud 37th. Eastwood Bros., New Toronto, were second with Hillcrest Hero, a beautifully-finished bull, bred by the Talbots, of Everton, and McDonald Bros., Woodstock, had the third winner in imp. Keith Baron, a smooth red bull, imported by Arthur Johnston, and sired by Prince of Archers. Goodfellow Bros. won first in yearling bulls, with Shining Light, a handsome and smoothly-turned red son of Grand Gloster, and his dam by imp. Indian Chief, a high honor for him, in view of the fact that he was placed above Senator Drummond's imp. Cicely's Pride, a grandly-fleshed and level-topped roan, bred by H. M. the King, sired by Prince of Collynie, and of the Cruickshank Clipper tribe. Mr. Flatt's red Republican (imp.), bred by W. S. Marr, sired by Lavender Victor, and out of the \$6,000 Missie cow, had to be content with third place in such company, but he is a rich good bull, too, and will doubtless prove an impressive sire, though perhaps not an extra show bull. The junior sweepstakes bull was found in the light roan yearling, Lord Chesterfield, bred by Thos. Redmond, Millbrook, and shown by D. Talbot & Son, Everton. He is a level-topped grandson of imp. Royal Sailor, his dam being by imp. Prime Minister, and back of that is the impressive Challenge, by Barmpton Hero, whom he much resembles. Second place in the yearling section was given to Mr. Flatt's Banff's Champion, a red son of imp. Lord Banff and of imp. Fanny 62nd. He is a bull of much promise, deep-ribbed, and of fine character and quality. The Watts, of Salem, had the third winner, a substantial roan, named Coming Star. In a class of 15 bull calves under a year, Israel Groll, Alma, won with Crimson Hero, a capital roan son of Royal Hero, dam a Crimson Flower, by Golden Robe. Flatt's Royal Victor 2nd, bred by the Watts, a roan of excellent type and quality, was placed second, and Invincible, a good red son of Sir Talton, shown by McDonald Bros., Woodstock, got into third place. In bull calves under six months, Capt. Robson had the first winner in a right good red calf named Prairie Prince, and sired by imp. Prime Minister.

In a really good class of cows, Mr. Flatt won out with Crimson Fuchsia 13th, a roan four-year old, Canadian bred cow, of capital type, sired by imp. Clan Campbell, and bred by David Birrell, Greenwood. Watt's English Lady 12th, by Royal Sailor, a cow of great substance and thick flesh, was given second place; and Crerar's imp. Gem of Ballechin, a level, smooth and sweet cow, came in third, but might well have gone higher. Three excellent imported cows competed in the three-year-old class, all roans, and of fine character. Flatt won first with Duchess of Sanquhar, of recent importation; Goodfellow Bros. second, with Water Cress, imported by John Isaac, and Crerar third, with Ballechin Daisy 3rd, imported in dam. Crerar had a strong first in the two-year-old heifer section, in Gem of Ballechin 2nd, by imp. Diamond Jubilee, and Flatt was second and third, with two really good Canadian-bred heifers. In a very strong class of eleven

senior yearlings, Captain Robson won by a nose with Topsyman's Queen, a sonsie roan daughter of the old champion Topsyman and of Molly Lorne by Golden Robe; Watt's English Lady 16th and Matchless 28th, both roans, by Royal Victor, making it exceedingly interesting and perplexing to the judges, who, after much consideration, placed the heifers in the order named, but they might have been placed any other way without injustice to anyone. Goodfellow Bros. had a remarkable heifer in the junior yearling class in their Water Lily, imported in her dam, Water Cress, and sired by Count Joyful. She is a dark roan, of blocky type, with great spring and depth of ribs and heart-girth, a sweet head and fine character, and she won the junior championship. Edwards & Co. had a strong number for second place in Lily of Fine Grove 2nd, a dark roan daughter of imp. Marquis of Zenda; Flatt's Cicely 2nd, by Roan Lad, out of Flora Stanley, coming third. In a class of 22 senior heifer calves, containing more high-class entries than has ever been seen at Toronto before, Capt. Robson came to the top with the sweet, level Fair Queen, a rich roan, by Royal Prince, dam Frances Folsom 3rd. Flatt won second and third honors with Lady Winsome and Lady Band; and Capt. Robson fourth, with Bella's Gem, a beautiful daughter of Valiant, the champion at Toronto last year, and of imp. Lella 3rd. The senior female championship went to the first-prize cow, Crimson Fuchsia 13th.

The open herd prizes for best bull and four females over one year went, first to Flatt, second to Crerar, third to Watt. For the best young herd, one bull and four females under two years, the rating was Robson first, Watt second, Edwards & Co. third. Best three animals, the progeny of one bull, Watt first, Edwards second, Flatt third. For the best three females, bred by exhibitor, the prize was awarded to Messrs. Watt; and for the best four calves, bred and owned by exhibitor, the rating was, Watt first, Flatt second, Edwards third.

HEREFORDS were, as usual, well shown by H. D. Smith, Compton, Quebec; W. H. Hunter, The Maples, and the F. W. Stone Stock Co., Guelph. The cattle were well brought out, and, on the whole, the display was an improvement upon that of former years, the females being much better, as a rule, than the bulls. In the placing of the latter a wayfaring man, though a novice, could hardly err. The strongest number among the bulls was Hunter's first-prize two-year-old Spartacus, bred by Gudgeon & Simpson, of Missouri, and imported this year, a bull of first-class type and quality, which was properly awarded the male championship of the class. Smith's Prince Ingleside 2nd, by Sir Horace, was first in three-year-old bulls, and his Lord Ingleside 8th was first in yearlings; and Hunter had the first and second prize bull calves. Smith's Sylvan 7th was first-prize cow four years and over. Hunter's imp. Buttermaid 2nd was the first in three-year-old cows. Smith was first and second in two-year-old heifers, with Ingleside Chatterbox and Downton Ingleside 2nd, both daughters of the champion Mark Hanna. The Stone Stock Co. had the first-prize yearling heifer, and Smith the second, a very unpopular decision, the Compton heifer being of much better type and quality. Smith was also first for heifer calf. The Compton herd was clearly entitled to the female sweepstakes and first herd prize, both of which were awarded to them in the same competition at London, the following week, by a competent and experienced judge. If the Toronto Fair is to secure the entry of the best herds of this breed, more care must be exercised in future in the selection of judges for the class, as breeders cannot reasonably be expected to assume the expense of preparing their cattle and risk their being passed upon by inexperienced and incompetent judges. If competent Hereford breeders are not available as judges, better far select breeders of other beef breeds, who are accustomed to seeing good cattle and have an intelligent knowledge of the approved type.

The Stone Stock Co. had the second-prize three-year-old and two-year-old bulls, second-prize three-year-old cow and heifer calf, and third-prize two-year-old heifer.

ABERDEEN-ANGUS.—This was a banner year for this breed, although, as among the Herefords, the older sections for bulls were rather weak. However, this was more than made up by the entries in the other sections. The judges appointed for this class were J. G. Davidson, Newmarket, and Jno. Miller, Brougham, but the former did not turn up, so G. de W. Green, Toronto, took his place. In addition to the usual exhibitors, we were glad to welcome a newcomer, Mr. Jno. Richards, Bideford, P. E. I., who had some well-fitted animals present.

Three aged bulls lined up. They were F. W. Phillips' Black Warrior, bred by Jas. Bowman; W. R. Stewart's Scots, bred by Walter Hall, and W. Hall's Laird of Tweedhill, an old-time winner, bred by Jas. Sharp. The first named carried the day, owing to his better conformation, although he was surpassed in quality by Stewart's Scots, a bull with a neat, typical head, which was placed

second. Hall's entry was not in condition, and had to be satisfied with third honors. Only one two-year-old was forward, shown by Jno. Richards, but he was good enough to win in close company, and eventually won the sweepstakes as best bull any age in the class. This exhibitor also won first for yearling bulls, with an imported animal, which had the best conformation of the lot. F. W. Phillips' entry had the best top, and came in second, ahead of Jas. Bowman's son of Kyma's Heir, which showed good quality. All the prizes for bull calves went to Jas. Bowman for three very promising youngsters.

Aged cows gave the judges some trouble to place, so good were they, but eventually first honors were given to Hall's Lady Gladstone, a wonderfully thick, low-set cow with a good front, and a hard one to beat. Jno. Richards' Witch of Benton (imp.), a good thick cow, of nice length, won second, and Bowman's Elm Park Belle 2nd, a very smooth animal, but not so short-legged as the second-prize one, came third. Three-year-olds also furnished good work for the judges. For some time they could not decide on which to place first, Bowman's Elm Park Belle 3rd or Stewart's Maple Bank Bess, so even were they, but eventually gave the ribbons in the order named. Hall's Maple Bank Newtona, a thick cow, but not possessing the quality of the others, was placed third. Two-year-olds were above the average. Here Jno. Richards again came to the front with Tenemara; followed by W. Hall's Newtona's Favorite 2nd, a good-backed heifer, and Jas. Bowman's Elm Park Kyma 10th, which showed good smoothness. Yearlings were not so strong. Bowman's first-prize heifer, Elm Park Maylover 3rd, was an outstanding winner, followed by another from his herd; while Stewart's heifer, which was out of condition, but had good quality, was placed third. Bowman had no difficulty in winning all three prizes for heifer calves. The herd prizes went first to Richards, second to Hall, and third to Stewart, in the order given. Jas. Bowman, who had good females, but was not strong in bulls, did not bring out his herd. He has a newly imported bull in quarantine, which is to head his herd. The sweepstakes in females very properly went to Walter Hall's Lady Gladstone.

GALLOWAYS.—These hardy blackskins were out in but moderate numbers, there being only two exhibitors, D. McCrae, Guelph, and Shaw & Marston, Brantford, but the quality was fully up to the standard of former years.

Of the two aged bulls shown, both imported, the premier position was given to McCrae's Cedric 4th of Tarbreoch, a very stylish bull, of high quality. Shaw & Martin's Viceroy of Castlemilk was of a different style, thicker and more fleshy, but hardly as good in quality. Some fancied the second-prize bull for first honors. D. McCrae had the only two-year-old, and was also first for yearling bulls, with Adair, who showed the best Galloway characteristics. Shaw & Marston's entry, Duke of York, was a little wider on the back, but his head lacked masculine character. In bull calves both first and second went to McCrae for two bulls of good style; Shaw & Marston's calf being younger. The sweepstakes went to McCrae's aged bull.

In aged cows McCrae again won first and second, and Shaw & Marston third, both of McCrae's being imported. His second-prize one has perhaps the best top, and was preferred by some to her companion, but the other is wild and did not show herself to great advantage in the ring. Three-year-old cows were only two in number, and here Shaw & Marston's home-bred Flora McErin 2nd was a clear winner. She has a good top and shoulder, and is of nice conformation throughout. McCrae's Semiramis 36th came in second. Two-year-old heifers, though only three in number, were a really good lot, very even. McCrae's Nellie 12th of Lockenkit, one of a thick type, stood first; Grisel 2nd of Lockenkit, also imported, and from the same herd, captured the blue ticket; while Shaw & Marston's daughter of College Gambler was third. The same order was observed in the yearling heifer class, where McCrae was again first and second with two imported heifers, the first being of good type and top, the second not so good on the rib; the third went to the Brantford herd, whose heifer, a home-bred one, had a better top than the second-prize one, but lacked in other points. McCrae secured the red and blue ribbons for heifer calves, and Shaw & Marston the yellow with a younger thing. The herd prizes went as follows: McCrae, first and third; Shaw & Marston, second. The sweepstakes for females fell to McCrae's imported two-year-old, Nellie 12th, her strongest competitor being Flora McErin 2nd, Shaw & Marston's three-year-old cow.

AYRSHIRES.—This breed made a fine display, though not equal to the splendid show seen a week previous at Ottawa. Two or three Eastern breeders who had exhibited there did not come on to Toronto, so that comparison of the awards at the two exhibitions would be misleading in many instances. Besides this, a number of the animals had lost some of the bloom they had at Ottawa.

The English three-judge system prevailed in this class, two judges acting at a time, the third man being called in only to decide on the merits of any animals on which the two acting judges could not agree. In the next section one of these two dropped out and the third man took his place, and so on throughout the class. The result fails to convince us that a triangular bench of judges is an improvement on a square one. The alternating bench on this occasion was composed of Messrs. John H. Douglas, Warkworth; A. Yuill, Carleton Place, and Alf. Kains, Byron. As usual, herds were judged first. There were six herds shown, two by W. W. Ogilvie, Lachine Rapids, and one each by R. Reford, St. Anne de Bellevue; W. Stewart & Son, and A. Hume & Co., Menie, and N. Dymont, Clappison. After careful looking over, the awards were made as follows: First to Ogilvie's herd headed by Douglasdale; second to Reford's herd headed by Stirling Boy of St. Annes; third to Ogilvie's herd headed by Black Prince of Whitehill; and fourth to Hume & Co.'s herd headed by Prince of Barcheskie.

Bulls three years old and upwards were five in number. The Ogilvie herd furnished two of the winners in their well-known Douglasdale and Black Prince of Whitehill. The former, as is his custom, headed the section; the latter was placed fourth. Douglasdale is a bull of medium length, with good top and shoulders, stands on short legs, and is an excellent handler. Black Prince is also good on top and on the shoulder, and was considered by some good judges as worthy of a higher place than he got. Stewart & Son's Hover-a-Blink, son of Jean Armour, a bull of good type, smooth, of great quality and with a good barrel, standing on short legs, came in second; with Hume & Co.'s Prince of Barcheskie, a son of Imp. Eva of Barcheskie, another of the short-legged, good-handling kind, third. Reford was to the fore in the two-year-old section, with

found with the decisions which placed the winners as follows: First, Ogilvie's Minnie of Lessnessock, a splendid cow, with great milk veins and vessel; second, Reford's Betsy 4th of Fairfield Mains, a cow with a well-developed fore udder, newly calved, who won in the six-months test at Buffalo last year; third to Ogilvie's White Rose of Barmoorhill, and fourth to Stewart & Son's Lady Ottawa, an old-time winner. Two fine three-year-olds of Reford's, with plenty of quality, Lady Grace and Molena of St. Annes, the former of whom won first here as a two-year-old last year, came in first and second; with Ogilvie's Stately 9th of Muir in third place, and Stewart's Annie Laurie 4th fourth. Only five dry cows came into the ring. The red ribbon was sent to an aged cow of Dymont's, Nellie Gray, one of the old type of Ayrshire, but with grand veins and a most useful cow, to all appearances. The Ogilvie herd supplied the second and third prize winners in Georgina 2nd of Wynholm and Miss Ida of Garlaff, both imported; fourth place going to Mrs. Massey's Lady Stirling 3rd, by Silver King. The Dentonia herd's entry in two-year-olds, Lost Chord of Dentonia (imp.), a heifer of great quality and with a nice vessel and shape, secured the red ribbon; second honors were sent to N. D. Liddicoat's Snowdrift; third to Reford's Grace Darling of St. Annes; and fourth to Hume & Co.'s Highland Lass. The decisions of the judges in this section did not meet with popular approval, and we confess that we could not follow their reasonings. Reford's Princess of St. Annes was certainly a better animal than the one to which third was sent. Yearlings were numerous and a very even lot. Stewart & Son carried off the coveted red ribbon with Bessie of Warkworth, Ogilvie's Lady Beatrice of Glenora (the first-prize Ottawa winner) was second, while her two stable companions, Bright Lady of Glenora and Princess May of Glenora, were third and fourth. Here again the judging was considerably criticised. There were a choice lot of heifer calves under twelve months. The order here was Ogilvie, Mrs. Massey, Stewart & Son, and Ogilvie, while for younger things Hume & Co. were first and third, Ogilvie second, and Dymont fourth.

For four animals, the progeny of one bull, all bred and owned by exhibitor, Ogilvie's four females, sired by Imp. Comrade of Garlaff, were first. The stock of Imp. Glencairn 3rd were very much in evidence here, as four heifers sired by him won second for Reford; four of his grandchildren, shown by Hume & Co., came third; and



PRIZEWINNING SHROPSHIRE.

First-prize yearling ram, first and second prize aged ewes, at Toronto Exposition, 1902. THE PROPERTY OF W. R. CARPENTER, "MODEL FARM," SIMCOE, ONT.

Stirling Boy of St. Annes, by Imp. Napoleon of Auchenbrain, a good handler, of very fair type. Stewart & Son were second with Lord Roberts, another son of Jean Armour and thus half-brother of Hover-a-Blink, whom he greatly resembles. Mrs. Massey was third with Al of Dentonia, a bull with a good front end, but not so good in his body as he might be. This section was one of the weakest in this class. Yearling bulls numbered four. Here the red ticket again fell to the Reford herd, for Glenora of St. Annes, by that well-known sire, Imp. Glencairn 3rd (imp.), out of Lizzie 5th of Auchenbrain (imp.), an excellent milker. Tom, a bull with an excellent skin, shown by Reid & Co., came in second, and Dymont's Dairyman of Glenora, a bull of good quality, sired by Comrade of Garlaff (imp.), won the yellow ribbon. Hume & Co. were fourth with King Edward, by Caspian of St. Annes. Out of the eighteen bull calves under twelve months entered, thirteen lined up. Here the Ottawa decisions were followed as regards the first two. Reid & Co.'s handsome Maple Cliff Cock-a-bendie, whose dam is by Gold King, was first; Reford's Glencairn's Style of St. Annes second; while Ogilvie's First Choice of Glenora was selected for third honors, his stable companion, Reliance of Glenora, who occupied the position at Ottawa, being unnoticed, and Robt. Henderson's Silver Dollar, a twin, and a well-grown one, came in fourth. In the younger bull calf section the prizes went to Reid & Co.'s Maple Cliff Comrade, Stewart & Son's Hover's Heir of Menie, Hume & Co.'s Choice Goods, and the same firm's Shiner, in the order named. Sweepstakes honors went to Douglasdale.

Cows four years old and upwards totaled fifteen, and were a fine lot. Eight were selected for the short leet, all of excellent type, with good udders and serviceable teats. No fault could be

four of his sons, from the Reford herd, were fourth. These latter might well have been placed higher. For young herds the order was Ogilvie first and third, Reford second, and Hume & Co. third. Ogilvie's Minnie of Lessnessock won the champion honors among the females.

JERSEYS were not shown in as large numbers as on some former occasions here, but were more select than usual, and were, almost without exception, of good type, combining beauty and strength of constitution with approved dairy conformation and the indications of usefulness at the pail. The principal exhibitors were B. H. Bull & Son, Brampton, and Mrs. W. E. H. Massey, East Toronto, between whom the prizes were pretty well divided, the Brampton herd being strong in the younger sections and winning first award for the breeder's herd of four animals the progeny of one bull, with a charming quartette, the get of their imported Island-bred sire, Brampton's Monarch, whose offspring shows remarkable uniformity of excellence and added largely to the interest and character of the class in many sections, the few of his daughters which have come into milk showing splendid udder development, together with beautiful type. The class was judged by Messrs. R. Reid, Berlin, and H. G. Clark, Norval, who did careful work and gave general satisfaction, though in some sections more time was consumed than would seem necessary or than would have been taken if either were acting singly.

In a class of eight uniformly good cows, five of which were from the Dentonia Park herd and three from the Brampton contingent, first place by common consent was given to Imp. Fancy Maid, of Mrs. Massey's herd, a cow of ideal breed character and dairy form, who was imported by Mr. F. S. Peer for ex-Mayor Fleming, of Toronto, and recently added by purchase to the Dentonia

herd. In such strong competition, including two of the best of the cows in the Pan-American dairy test, it was no empty honor for the Brampton herd to secure the next three awards, which were given to their milky matrons, Sunbeam, Rhoda, and Battina of Brampton, in the order named. Each of these is so near the standard of the ideal dairy cow, carrying large and well-balanced udders and well-placed teats, that they might well be placed any other way without injustice to either; and they made a grand showing for the herd that produced them. In a strong class of seven two-year-old heifers, the Brampton herd swept the board, winning the three awards with Golden Lass and Golden Gem, two charming daughters of Imp. Monarch, with big, shapely udders, which took first and third place, respectively, their imported heifer, Pretty Maid, thin in flesh, but of fine pattern and promise, being sandwiched between. In yearling heifers out of milk, the Brampton herd again scored first, with Imp. Brampton Maid, a heifer of practically perfect type, and one that should grow into a premium cow. The gem of the class, however, was found in the first-prize yearling in milk, imported Flying Fox's Brunette, of the Dentonia herd, a purchase at the Cooper sale in Pennsylvania last May. She is a prodigy and "a peach," handsome as they are made, and as full of quality and swinging a milk-vessel that for size and shape would do credit to her grandmother. It is indeed rarely that one meets a being in bovine form that so tempts to a fracturing of the last clause of the decalogue, and one trembles for her fate in view of the adage, "The good die young." In the two sections of heifer calves, over and under six months, a splendid showing was made by each of the herds in competition, Dentonia scoring in the older with Dentonia Idol, a beautiful daughter of Imp. Sensation, a former champion here, and the Brampton herd in the younger section with New York Maid, a sweet calf, of model form, that was born in quarantine to imported Pretty Maid and her Island husband, Emperor. The sweepstakes female was the phenomenal yearling heifer, Flying Fox's Brunette.

The bulls in all sections of the class were an exceedingly creditable collection, and the championship went to the first-prize three-year-old, Imp. Island Lad of Dentonia, who keeps his excellent form and quality unimpaired. Belvoir King, of the Brampton string, an old-time winner on this field, improving with his years and full of good points, made a good second. D. G. & J. G. Hammer, Mt. Vernon, captured first award in two-year-old bulls, with a very worthy entry in Stoke Pogis 5th, a bull of great depth and spring of rib and fine quality. Imported Arthur's Golden Fox, of the Dentonia herd, led in yearling bulls, and "Right in It," of the same herd, was the winner in senior bull calves; while the Brampton herd supplied the first, second and third winners in the section for bulls calved since February 1st, 1902, with typical sons of Monarch, whose progeny also won second in yearling bulls and the older bull calves. The herd prize was won by the Dentonia exhibit.

GUERNSEYS were shown only by Mrs. Massey, whose entries were of excellent character, making a very interesting display and carrying off all the prizes.

HOLSTEINS made a good display, and were expeditiously and well judged by Mr. R. S. Stevenson, of Ancaster. The principal exhibitors were A. C. Hallman, Breslau; Rettie Bros., Norwich, and G. W. Clemons, St. George. Hallman's grand four-year-old De Kol bull, Akrum Judge De Kol 3rd, won first honors in his section, and the male championship of the class, defeating Clemons' veteran Count Mink Mercedes, who had held that position worthily for several years, and is yet in good form for a bull of his age, but, lacking the freshness and force of his younger rival, he had to take second place. It is rarely that a bull stands the racket of the shows so long and so well, and he sets a pattern in type and quality well worthy of emulation, as he imparts it to his progeny with commendable uniformity. Akrum Judge De Kol 3rd combines style and vigor in high degree with excellent conformation and exceptional quality, and reproduces these qualities satisfactorily in his offspring, as was well exemplified in the young things of his get shown this year, which, though young, won second prize for the progeny of a sire, the first award going to the older offspring of the aged Count Mink Mercedes. Rettie Bros. led in two-year-old bulls, with Schuiling's De Kol, by Schuiling's Consul, and in bull calves with Cornelia's Posch, by Sir Abbe-kirk Posch; and Clemons went worthily to the front in yearling bulls, with Count of Maple Hill, a capital son of his sire, Count Mink Mercedes, whom he much resembles in his make-up. Rettie Bros. were strong in the female sections, winning first, second and third in aged cows in a class of ten, the well-known and always excellent Highland Cornelia, combining beauty and usefulness, again heading the list, as she has on more than one occasion done here, and again capturing the sweepstakes, which is no new experience for her. The same exhibitors succeeded in carrying off the first prizes for three-year-old cow, two-year-old

heifer and yearling heifer in milk, and the first herd prize both for aged and young herd. Clemons was first in yearling heifers out of milk, and heifer calf under a year; and Hallman first in heifer calves under six months, and second in aged herds; Clemons being second in young heifers.

FAT AND GRADE CATTLE.—The classes for fat and grade cattle were mostly well filled in all the sections with a good lot. The principal prize-winners in the fat class were Jas. Leask, Greenbank; J. Fried & Son, Roseville; Jas. Rennie, Wick; I. Groff, Alma; Eastwood Bros., New Toronto; A. B. Baxter, Hamilton, and R. J. Coates, Nappan, N. S. Jas. Leask was strong in steer calves and in the fat heifer section under four years, while in yearling steers Groff had a beautiful white by Knuckle Duster, that was fourth at Guelph last December, but here beat the white steers shown by R. J. Coates which there were first and second. Fried had a good red yearling. Rennie had a fine two-year-old steer and steer calf.

In grades, the prizes were pretty well divided up between Fried, Leask, Rennie and Eastwood Bros., Fried winning most of the red ribbons, including the sweepstakes for females with his two-year-old heifer. Eastwood Bros. hardly received justice, we thought, in the aged cow class, but were successful for three-year-olds. Rennie had some good young things, which received notice. Leask was second for four females, as well as carrying off other prizes.

SHEEP.

The sheep exhibit, as a whole, in point of numbers was considerably below what has been seen in previous years, but the quality all round was fully maintained. In one class, moreover, that of Southdowns, the exhibit was far and away beyond anything ever seen here. In fact, it is doubtful if the display has ever been excelled on this continent, except at the World's Fair, Chicago. Southdowns were the bumper class of the sheep department, with Shropshires next, and Leicesters third. This year, for the first time, the new regulations requiring single ewes only in all classes, instead of pairs, came into force, which also tended to lessen the number of entries.

COTSWOLDS.—Wm. Thompson, Uxbridge, made the awards in this class, which was up to the average in quality. As usual, John Park, Burgessville, was strong with a good representative lot of the breed. His first-prize aged ram, a winner in previous years, is a grand sheep of good character, strong constitution, and is wooled to his toes. With an aged ewe, large and of excellent type, he was second in that section. He was again to the front with a shearing ewe, well covered and with good skin. Both first and second prizes for ewe lambs went to him. They are by his imported Swanwick ram, and are of a beautiful type. The red ribbons for pen of lambs and for the open pen went to Mr. Park, as did the special given by the American Cotswold Association.

Elgin F. Park secured a fair share of the prize money. Second prize for a two-shear ram, with a great back, went his way; second and third for shearing rams, and first for an aged ewe, with a nice head and well covered. This ewe beat an imported one of the same exhibitor's which won third. A ram lamb, not highly fitted, but with a lovely fleece and skin, went to the front in his section.

J. C. Ross, Jarvis, who made his first appearance here as an exhibitor, did remarkably well in his initial attempt, though in two or three sections his entries might well have gone higher. His sheep were all home-bred or Canadian-bred, except his shearing ram, which was highly fitted, and which won first at the Royal last year. He is a lengthy sheep, with a good top. In aged rams he won third with a ram of T. Hardy Shore's breeding. His ram lambs were not very fat, but won second and fourth. Mr. Ross scored second prize with a shearing ewe, which won first and the championship at Guelph Winter Fair last December, where she was shown by Mr. Ross. She is a typical Cotswold, of capital character, and though not as fat as the one placed above her, she is of superior type, and might well have topped the class. Third for ewe lamb also went to this exhibitor, as well as second for open pen. Mr. Ross favors the old type of Cotswolds, with soft wool and even quality. His ideals in breeding are good backs and wool.

LEICESTERS.—This favorite old breed were rather deficient in point of numbers, but the quality was well up to the mark. In this class, too, were new exhibitors in the persons of Hastings Bros., Crosshill, who also did remarkably well, especially in rams. They won first and third on aged rams. The first prize ram is a grand sheep, with a great top, heart-girth, typical head and well wooled. He was bred by Jno. Kelly, Shakespeare, who knows how to breed winners, and came here fresh from his easy victory at Ottawa. He was also a sweepstakes winner at the last Chicago International, and first there as a lamb. The third-prize aged ram, a home-bred one, was not highly fitted, but was of excellent conformation. A very thick ram lamb, also, of Kelly's

breeding, and also a first-prize winner at Ottawa, and a half-brother of the aged ram, secured the red ribbon for these exhibitors. Their shearing ewe, a home-bred one of nice type, came in third. They had no shearing ram or aged ewes entered. They won second both in the open and Canadian-bred pens.

Whitelaw Bros., Guelph, had sixteen head in the pens, all of their own breeding and all by one sire, their imported Polwarth ram, Albino. Their sheep were nicely fitted, and secured some of the leading honors, including first for pen of lambs and first for open pen. Their aged ram, a sweep-stake and first-prize winner at the Pan-American, Toronto and elsewhere last year, though in good fettle, was unnoticed. Messrs. Whitelaw were exceptionally strong in lambs, winning second on ram lamb, and first, third and fourth on ewe lambs, all a well-fitted lot. A new stock ram imported this year from Lord Polwarth did not arrive in time to be fitted for the show.

J. M. Gardhouse, Highfield, won, as usual, a large share of the honors. A lengthy, stylish aged ram, Canadian-bred, and well wooled, won second, and might have gone to the head of the class without injustice to any; while an outstanding winner was found in a home-bred shearing ram of good wool, conformation and substance, and with a nice head. A deep, well-wooled shearing in the same pen won third. A choice ram lamb scored third, with a fellow mate next in order. In aged ewes Mr. Gardhouse was well to the fore with a pair of home-bred sheep, which were clear winners, and are said by competent judges to be some of the best Leicester ewes ever shown here. Again for shearing ewes this exhibitor was first with a grand home-bred one, with a beautiful head and wool of excellent quality. A grand ewe lamb, strong in her fleece and of extra finish, took second. The red ticket for Canadian-bred pen was captured by Mr. Gardhouse. A choice consignment of sheep from Lord Polwarth's flock, including a shearing ram, the pick out of 80, were not received in time to fit up, otherwise this exhibitor would have made even a stronger showing than he did. A. W. Smith, Maple Lodge, who has always been a strong exhibitor of this breed here, had, we understand, sent his exhibit to the New York State Fair at Syracuse. The ribbons were awarded by Jas. Fennell, Bradford.

LINCOLNS were fewer in number than usual, as Messrs. Patrick were not present. J. F. Gibson, Denfield, and his son, R. H. Gibson, were the only exhibitors. While not meeting with opposition, the quality and condition of the sheep would have given them a high place if shown against all comers. With the exception of one aged ram, a yearling ram and a yearling ewe, all the sheep present were home-bred and included winners at the Pan-American, Chicago International, and elsewhere. They were a typical lot of well-wooled sheep, as good a lot as these exhibitors ever brought into a show-yard. In the aged ram class the imported ram took third place to home-bred sheep, but in shearing ewes an imported ewe, a prizewinner in England last year, was beaten by a home-bred sheep. The judge in this class was T. Hardy Shore, Glanworth.

SHROPSHIRES made an excellent display. The exhibits were full of quality, and while some former strong exhibitors were absent, the flocks of Jno. Campbell and Hamner Bros., which form a show in themselves, were this year reinforced by a very strong contingent from the flock of W. S. Carpenter, Simcoe, a new exhibitor, whose sheep, capably fitted by Fred Fox, the skillful English shepherd, made a most creditable performance; while Lloyd-Jones Bros., though not having many sheep present, helped to maintain the high standard of excellence which can be found every year in this class. Geo. Phin, Hespeler, handled the sheep and made the awards. For his first appearance in the capacity of judge at Toronto, he did very well, going over the sheep carefully, and, as a general thing, sticking fairly well to type.

D. G. & J. G. Hammer, Mount Vernon, were very successful, winning all the red ribbons except three, including all the pen prizes and American specials, with the exception of the Canadian-bred pen. Their sheep are of good, uniform type as regards heads, fleece and bodies. All this firm's winners were of their own breeding and fitting, including the sweepstakes ram. They had two imported sheep in their pens, an aged ram and shearing ewe, but neither got into the prize list. The shearing rams and ewes are all by the imported Mansell ram No. 55, that was first here last year, and also first at Buffalo, Chicago, and London. Half of the lambs were by this ram, and the rest by Lord Roberts, a home-bred sheep by a Tanner ram out of a Minton ewe. Lord Roberts not only won the sweepstakes here as best American-bred ram of the breed, but also had the honor of siring the sweepstakes ram lamb, a well-grown lamb, with good fleece, skin, bone and length. Jno. Campbell, Woodville, made his twentieth appearance in succession without a break with representatives of the Fairview flock

at Toronto, and the close observer cannot fail to notice the constant progress made in perfection of type and form. Of the twenty show sheep and lambs in the exhibit, all were bred at Fairview, and they are, probably, the best all-round lot that this flock has ever supplied to any show-ring. Although not occupying as high a position in the prize list as on some former occasions, there were not wanting some who thought that they might well have been placed higher up in some sections, notably as regards lambs. Newton Lord's progeny were once more among the best in the lot, while the get of his son, "The Paragon," made an excellent showing. Among the shearlings and ram and ewe lambs were noticeable some choice, typical, well-matured sheep and lambs by Fair Star Rose, that should be heard from later on. That this flock's merits are appreciated is evident from the numerous sales, at prices above the average of past years, made to British Columbia, New York State, Michigan, and to various points in Ontario, to head flocks.

W. S. Carpenter's exhibit was composed mostly of imported sheep, with a few excellent home-bred ones. Among the imported sheep was the first-prize winner in the shearing ram section, bred by Inge, capably fitted, and a grand sheep. Two aged ewes imported from the Mills flock, and by the Buttar ram, Scotland's Hero, low-set, lengthy, typical ewes, grand on the back, won first and second. Second honors in the open pen went to this flock. Next year Mr. Carpenter hopes to have the sections better filled. His lambs were late and were too young to show up well in the prize-ring, but were of good character and quality.

Lloyd-Jones Bros. had only six head entered, but they were choice sheep. Prominent among them was an imported shearing ram, Marauder, with an excellent head, beautifully covered, while his skin is irreproachable. He is a Mansell ram, whose grandam was by the world-renowned Montford Dreamer. Although only lately imported, he has made wonderful improvement, but was not at all in high flesh. Another year he will be a "cracker" to beat. He did not get into the prize list, however, this time. An aged imported ram, Prince Thomas, a winner at previous shows, was also unnoticed. Lloyd-Jones Bros. won fourth for pen of yearlings and for four lambs. Telfer Bros., Paris, had only one entry, a ram lamb, but won fourth on him.

OXFORD DOWNS.—Owing to the absence of Smith Evans, Gourock, the competition among the Oxford Downs was restricted to the flocks of R. J. Hine, Dutton, and J. H. Jull, Burford. The former was very strong, winning the lion's share of the prize money, including every first prize for which he showed. Among his flock were six imported sheep, an aged ram, yearling ram, two shearing ewes and two ewe lambs. All except the aged ram were imported this year. The shearing ram, a capital topped sheep, with a good front and fleece, is from Treadwell's flock; the ewes and ewe lambs from J. H. Wilodon's flock, were selected by Treadwell and are an excellent lot. Two of the shearing ewes that were first and second here were first at the Oxfordshire County Show, shown in the wool. The importation only arrived two weeks ago. Mr. Hine showed no aged ewes. Two home-bred ram lambs that stood first and second, weighing respectively 164 and 178 pounds, were good typical sheep and well grown, as were the ewe lambs. The first and second prize shearing ewes were a grand pair. The third-prize one was Canadian-bred. Mr. Hine sold a number of sheep on the ground.

J. H. Jull had sold out very closely before the show, which rendered his exhibit weaker than it might have been. He had a nicely-fitted lot of low-set, blocky sheep, all Canadian-bred except the first and second prize aged ewes. While not standing high in the amount of prize money won, Mr. Jull was most successful in making sales to customers at satisfactory prices. Five of his exhibit were purchased to go to British Columbia.

HAMPSHIRE.—There was a class for Hampshires and Suffolk Downs, but no Suffolks were entered. The Hillhurst farm of Hon. M. H. Cochran, at Compton, Que., had a nicely-fitted lot of good typical Hampshires, which won the principal prizes. Telfer Bros. also had a few entered, including a first-prize aged ram, a ram lamb, an aged ewe, a ewe lamb and two shearing ewes. It is a pity that we have not more of this breed in the country. In England they are very numerous and popular, and they might well be so here, as they mature fast and produce an excellent quality of mutton, while their wool is fine.

SOUTH DOWNS.—"Long" John Miller, Markham, who knows a good Southdown when he sees it, had plenty of work awarding the ribbons in this class. The entries were far and away beyond all previous shows, and when to this is added the fact that the quality was up to the highest notch, it will be seen that his task was not an enviable one. An exhibitor showing for the first time generally is, or has to be, satisfied with one of the lower honors, but here we see Mr. F. E. Came, St. Andrews, N. B., not only winning in the best

company, but making a clean sweep of all the red ribbons for which he showed, as well as of many of the blues, a feat very seldom performed. This flock, which was composed of imported Royal winners, and the pick of the Hon. Geo. Drummond's flock, was in charge of Sam Bradburn, who had early acquired the art of winning at shows, as he won with sheep at the Royal three times before he was 21. Never was a flock better brought out. Their first-prize aged ram was imported; their third-prize one was bred by Hon. Geo. Drummond. The best shearing ram was a Drummond one, an excellent sheep. Both first and second prize ram lambs were Royal winners. Two imported ewes won first and second in the aged class, a Drummond shearing ewe came in first, while two imported ewe lambs, out of the first-prize Royal pen, secured the red and blue ribbons.

John Jackson & Son's exhibit, while composed of sheep of good character, were not so well fitted as we have sometimes seen them. His second-prize aged ram and his shearing ewes, however, were in good shape.

Telfer Bros., Paris, never showed a better or better-brought-out lot. In the strong company present they showed up well, which is more creditable as they were all home-bred. A nicely-fitted shearing ram, with a good close fleece and back, by the imported ram, Chichester King, secured second place, while another by the same sire came in third. All the shearings and ram lambs they showed were by Chichester King. In shearing ewes they won second honors over an imported third-prize Royal winner, and a third-prize lamb also was placed over imported lambs. These exhibitors also ran close for first place for the pen of lambs. They won for Canadian-bred pen.

T. C. Douglas, Galt, had, among others, a fine shearing imported ewe, a Royal winner, which won third here, and he also came in second for open pen. His imported ewe lambs were unnoticed.

Wm. Martin, Binbrook, had some good-bodied sheep. He won the yellow ticket for ram lamb, fourth for ewe lamb, first for pen of lambs, and second for Canadian-bred pen. Robt. McEwen, Byron, though not figuring in the prize list, had a good aged ram, nicely covered, shearing ewes and ewe lambs, all of good type and covering, but not highly fitted. R. Shaw & Son had made entries, but did not forward their sheep.

DORSET HORNS.—Only two exhibitors competed in this class, Col. Jno. A. McGillivray, Uxbridge, and R. H. Harding, Thorndale. A. G. H. Luxton and Jas. C. Skeen had made a few entries, but were not present.

Jno. A. McGillivray was strong all through, but Harding was strongest in lambs of both sexes. The latter had only home-bred sheep, while the former had a few imported ones, which were brought out previous to this year. Harding's sheep were not in high flesh, while their opponents were well fitted. McGillivray won first for aged rams, with a Flower sheep; first for shearings, with a Culverwell sheep; first and second for aged ewes, with sheep from the same flock, and first for shearing ewe with a Flower, and second in the same class with a home-bred sheep with good quarters. McGillivray won all the first prizes for pens. Two ram lambs carried off first and third for Harding; of these, the first had the best back, the other had the best head and is lower set. Harding's ewe lambs, one of which won first, were good.

FAT SHEEP.—There was a larger entry of fat sheep than usual, and they were good. In longwools, J. T. Gibson, J. M. Gardhouse, Whitelaw Bros. and E. F. Park were the winners. In shortwools, Jno. Campbell, Hamner Bros., Lloyd-Jones Bros., Telfer Bros. and T. C. Douglas shared the prize money.

SHEEP-SHEARING COMPETITION.—Great interest was taken in this competition, in which six took part. The judge was James Beattie, Brougham. The best work was done by Wm. Fawkes, Stouffville, but he took no less than twenty-seven minutes to shear his sheep, just three times as long as some of the others. However, the judge gave him the prize; second to F. Silversides, manager of the McGillivray Dorset flock, who clipped his sheep in nine minutes, and third to T. Butt, King, who was just a minute longer. As the conditions required time to be taken into consideration, it was pretty generally held by the onlookers that Fawkes should have been disqualified for taking so much time. Had some of the others spent more time over their work, they would have made a better job of it. Some of the competitors gashed their sheep considerably.

SWINE.

Most of the classes in the swine department were fairly well filled, though in several we have seen a larger and stronger entry at Toronto. In some of the breeds this may possibly be accounted for by the active demand for breeding stock consequent upon the high prices prevailing during the year for commercial hogs for the export trade, but is also due to some extent to the difficulty in securing disinterested judges com-

petent to set a reliable standard of excellence by their rulings which breeders may follow with safety to their own interests and the interests of the breed. There is evidently urgent need of a better system of selection of judges, and until that is secured there will probably be the usual stock of complaints, as there was on this occasion, over the lack of consistency in placing the awards and the lack of uniformity in the character of the work when done.

BERKSHIRES.—This old standard breed was well represented, the number of entries and exhibitors in this class exceeding that in any other, and the character of the animals shown being up to a high standard in size and weight, in indications of health and strength of constitution, in uniformity of a useful and profitable type to the producer and the consumer, and in quality of flesh and bone. Rarely indeed have we seen a whole class of any breed standing and moving so well on strong, sound feet and legs, and if any question exists as to the prolificacy of the breed, it was well answered by two of the sows on exhibition each producing on the ground litters of fourteen living pigs, a round dozen in each case being alive and doing well at the close of the show.

The class was ostensibly judged by Wm. Jones, Zenda, and H. B. Jeffs, Bondhead, with R. Vance, Ida, as referee, who was called in half a dozen times to decide differences between the officiating jury, so that a good share of the awards were, after all, made by a single judge. Under these circumstances, and making allowance for the usual probable number of compromises to avoid an open split, uniformity in the character of awards could not be expected, and was not in evidence. The exhibitors were Wm. Wilson, Snelgrove; Thomas Teasdale, Concord; T. A. Cox, Brantford; W. H. Durham, East Toronto; Reid & Co., Hintonburg, and Samuel Dolson, Alcoa, the last named being a new contributor here, who made a very successful debut, showing only in the sections for pigs under six months, and securing first place for the best four pigs the progeny of one sow, and for the best four the produce of one sow, all under six months, and bred by the exhibitor; the Snelgrove herd of Mr. Wilson, who is also a young but enterprising breeder and exhibitor, winning a large share of the best prizes, though less in some sections than the useful type of his entries seemed to merit. In the section for boars over two years, the first award was given to Big Tom, of the Toronto herd, a highly-fitted hog, with many good qualities, said to weigh half a ton, which he carried well on strong feet and legs. He is smooth and deep, but lacking in length of hind quarters, and was fortunate to get his position over Wilson's Gallant Prince, a lengthy, strong hog of approved type, placed second here, but first over Big Tom at London the following week. Wilson won in yearling boars with Highclere Crown 3rd, a smooth hog, of good pattern; Cox, of Brantford, coming in for second award with a very useful boar. Wilson had the first and second prize boars over six months and under a year, and Durham the first-prize boar under six months, Dolson scoring second and third. In sows over two years, Wilson was again first, with Beauty Diamond, a sow of excellent type and quality, and Cox was first in yearling sows, with Highclere 50th, a worthy winner, with a dozen piglets tugging at her teats, the big end of a litter of fourteen born at the fair. The second award went to the Toronto herd for a capital sow that made an exactly equal record as a producer while on exhibition, nursing her surviving twelve creditably. The gem of the class was the first-prize winner in the section for sows over six and under twelve months, found in the Toronto herd, a sow of ideal form and type, bred from the Snell stock that has so successfully figured in the prize list here in former years. In an extra good class of sows under six months, the Snelgrove herd again came to the top, with Durham second, and Cox third. The Toronto firm captured the first herd prize for boar and two sows. Dolson was first and Teasdale second in the sections for progeny of a boar and produce of a sow, both lots being excellent type, lengthy, smooth and strong-backed.

YORKSHIRES, though not exhibited in as large numbers as last year and some former years, owing to the active demand and numerous sales for show and breeding purposes, were yet well represented by selections from the noted Summerhill herd of D. C. Flatt & Son, Millgrove, and the old established herd of Jos. Featherston & Son, Streetsville, with a few excellent entries by H. J. Davis, Woodstock, and R. F. Duck & Sons, Port Credit, who had the first-prize boar over two years in their Kitchener, a hog of fine quality and character, and won second prize for four pigs the progeny of this boar, and second for four pigs the produce of one sow. The Summerhill herd supplied the first-prize winner in nine out of the eleven sections of the class, including first for herd and for progeny of a boar and produce of a sow, bred by exhibitor, and the second in nine sections. The entries in the rings for yearling boars and for boars over six and under



SCOTLAND'S CHIEFTAIN 11180.
Imported Clydesdale stallion, 5 years old sired by Merry Hampton, by Gallant Prince; dam Beatrice 11th, by Scottish Hero. Winner of 2nd prize at the Royal Show as a 3-year-old.
IMPORTED AND OWNED BY SMITH & RICHARDSON, COLUMBUS, ONT.

twelve months were especially strong, and Messrs. Flatt's first winner in the former section, Summerhill Bottesford Gentleman, is a capital representative of the approved type of the breed—smooth, strong-backed and standing well on his feet. The first and second prize boars under a year, bred by Lord Roseberry, at Dalmeny Park, are also of excellent stamp and such as may be depended upon to give a good account of themselves. Messrs. Featherston & Son were successful in securing first place in a strong class of boars under six months with the choice of a capital litter of lengthy, smoothly-formed pigs, and Messrs. Flatt had for second and third excellent entries of similar stamp. Imported Dalmeny Sunflower, of the Summerhill herd, was a popular winner in the section for sows over two years. She is a model of the breed and of the approved bacon type, and has been sold for \$400 to Mr. Canfield, of Minnesota, for exhibition at Western fairs. The first and second prize yearling sows, from the same herd, are also typical of the best of the breed, the latter being sold at a long price to Mr. Jas. A. Russell, Precious Corners, Ont. R. J. Garbut, Belleville, and H. Dedels, Breslau, judged the class.

TAMWORTHS were numerous and well represented by entries from the herds of Colwill Bros. and N. F. Selby, Newcastle; Reid & Co., Hintonburg; F. R. Shore & Son, White Oak, and D. Douglas & Son, Mitchell, the last named exhibitors being successful in winning first and second with boars and sows under a year, first boar under six months, and first and second for sows under six months and for four pigs under six months, progeny of one boar; and four pigs, same age, produce of one sow, bred by exhibitor. Colwill Bros. were strong in the older classes, winning again, the fourth year in succession, first position with their Colwill's Choice in the section for boars over two years, first for sow over two years with Newcastle Queen, first for yearling sow, and the first herd prize for best boar and two sows any age.

Reid & Co. were first in the yearling boar section, with their imported boar, Bruce; second in aged boars, with the old-time winner, Amber King; and second for herd. Shore & Son had a very creditable second-prize winner in White Oak Heir in the yearling boar section, a smooth, good-backed hog of fine quality, and also secured second award on Viola of White Oak in the yearling sow section. She is a very smooth and well-formed sow of good type.

CHESTER WHITES were well shown by W. E. Wright, Glanworth, who was awarded all the prizes he showed for and had a really good exhibit of lengthy, smooth, thrifty hogs of excellent type, his first-prize two-year-old sow nursing a capital litter of ten, that were typical of the best of the breed and big for their age, speaking well for the mother as a milker.

DUROC-JERSEYS were well represented by the entries of Tape Bros., Ridgetown, and W. N. Tape, Bentpath, whose hogs are of good pattern and conform well to the approved type, the prizes being pretty evenly divided.

The other distinct breeds were represented mainly by the Essex breed, shown by Jos. Featherston and R. F. Duck & Son, Port Credit.

EXPORT BACON HOGS.—The awarding committee for placing the prizes for pens of four hogs most suitable for export bacon were two representatives of Toronto and Brantford packing-houses, who differed on the placing of the first prize, when a referee, chosen by what authority we are not informed, decided in favor of J. E. Brethour's entry, though the consensus of opinion among breeders present seemed to be in favor of J. Featherston & Son's exhibit as conforming more nearly to the accepted type, especially in the smoothness of their shoulders and the fulness

of their hams, in which points they were clearly ahead. Flatt & Son's pen, which was placed third, were a smooth, even lot of excellent type. Some very nice pens of Tamworths were entered, and so far as experienced laymen could see, were well worthy of consideration in such a competition, but the professional judges seemed not to see them, and treated them with scant courtesy.

Let the Embargo Alone.

Sir,—Enclosed please find P. O. order for one dollar, being one year's subscription to the "Advocate," which gives valuable information. Every farmer and stock-raiser should have this paper. The more intelligent the farmer the easier to do business with him; at least, that has been my experience.

Should the British Government remove the embargo placed on Canadian cattle, it would be the worst blow the live-stock industry of Canada could receive. Doubtless it would benefit a few who at this time of year would have some cattle to sell which had not done well on pasture; but far better feed them here and enrich this country. The trade for our cattle in Great Britain had been as bad and even worse before the embargo was placed on them than it has been any time since, with the exception of one year, viz., 1896. Too many "short-keep steers"—in other words, cattle which should have been kept a while longer and finished—were shipped this year, partly on account of the high price of grain feed. Feeders were well paid this year; prices were higher than at any time since '82. In June of that year, Montreal butchers paid me 8¢ per pound, live weight, for ordinary cattle. During the spring of '84, I paid 7¢ per pound for several lots of cattle. They netted me about 5¢ from the British markets. Ocean freights were higher then than of late years, and cattle are shipped much cheaper now.

Respectively yours,

DENIS O'LEARY.

Western Cattle Market, Toronto, Ont., Sept. 29th, '02.

HORSES

Horses at the Provincial Exhibition, Charlottetown, P. E. I.

The exhibit of horses at the above exhibition, September 23rd to 26th, 1902, establishes the right that the Island has for a long time maintained, viz., to be called the most horsey Province in the Dominion. In comparison to its size, there is certainly no other Province that contains so many good horses, or such a large percentage of lovers of that noble animal. The exhibition was open to the Maritime Provinces, and there were numerous entries from Nova Scotia and New Brunswick. It has been my privilege to attend the exhibitions in Charlottetown for nine or ten years, and I have always deplored the absence of entries in the Thoroughbred class. This year two animals of a very high class were present. The first place was won by the well-known stallion, "Woodburn," winner this year and on many former occasions at the Industrial Exhibition at Toronto. This horse was purchased from Quinn Bros., of Brampton, by Stanley & Horne, of Charlottetown. He was six days on board cars and boat on his way from Toronto, and just reached the Island a day or two before the exhibition. Notwithstanding this, he appeared in fine form. The second place was given "June Day," a horse also well known in Ontario, and recently purchased by the P. E. I. Government from Mr. Edwards, of Rockland, Ont., now owned by Mr. Robins, of Bedeque, P. E. I. Mr. Richards, of Bideford, P. E. I., also owns a stallion that was not shown on account of an accident. This is a class of horses that will, without doubt, cross well with the Island mares, and in a few years the Island will become as noted for its saddle horses as it now is for roadsters. The exhibit of carriage horses was numerous, and while there may be said to be a noticeable absence of the high action demanded in this class in the West, there were many fine, large, handsome horses of the roadster type.

In Hackneys, the number was small,

the well-known stallion, "Kilwick Fireaway," being the only stallion of this class on the Island, and his first crop of colts are suckers. His owner, A. W. McKay, has some pure-bred fillies that he brought here from Nova Scotia with the sire. This horse took second place to Rydal Fashion, winner in St. John and Halifax, and owned by Glassey & Co., Truro, N. S.

The Clydesdales excelled in quality. The first place in the aged stallions went to the Nova Scotian horse, "Adjutant," owned by Glassey & Co.; second to "Crown Rights," a horse imported by the Government, and owned by McKinley Bros., of North River, P. E. I.; third to "Macqueen," owned by Stanley & Horne, Charlottetown. In three-year-olds, "Charming Lad," bred by O. Sorby, Guelph, Ont., and owned by Wm. Ferguson, of Charlottetown, won. In the class for draft horses, not registered, there were some excellent animals, of different ages, sired by Crown Rights and Macqueen. The general purpose sections were well filled with good individuals. The Island is in a better position now to improve its horses than it has been for a number of years, having high-class sires of the Thoroughbred, Standard-bred, Hackney and Clydesdale breeds, with mares suitable for crossing with the different males. All that is required is intelligent mating, and there is little doubt that the little Province will maintain its enviable reputation in respect to the quality of its horses.

Opinion of an English Horseman.

Sir,—Kindly allow me, a new subscriber, to express a few words of praise in regard to your paper. I have held my opinion in abeyance until I had studied it carefully, but I can safely say that it is the best paper of its kind I have ever seen, and every farmer and breeder should be a subscriber. It is an excellent paper, from which much benefit can be derived. "Bright, attractive and instructive"; an "ideal paper" in the true sense of the word, and well worthy of anybody's perusal; the right thing in the right place; and just what is wanted. Wishing you every success, I remain,

Yours,

F. HAYES.

Yorkshire, England, Sept. 18, 1902.

Good Blood More Plentiful.

The large importations of Clydesdale and Shire horses, and to some extent of the other breeds, which have been made to Canada this year speak well for the future of the horse-breeding industry. Considerable money has been invested in new blood by enterprising horsemen, and it is to be hoped farmers and breeders generally will consult their own interests by extending to these men the liberal patronage they deserve when the mating season again arrives. There is now little excuse in any district for breeding to anything but a pure-bred stallion. Those who are willing to pay a reasonable service fee for the animal of their choice are the men who are breeding the best stock to-day. Good blood tells every time.



LAURENTIAN [2954].

Three year-old Clydesdale stallion. First and sweepstakes at Ottawa, 1902, in heavy draft class. OWNED BY H. G. BOAG, CHURCHILL, ONT.

FARM.

The War with Weeds.

To the Editor "Farmer's Advocate":

Mr. Editor,—Perhaps few parts of Ontario excel rural East Middlesex in beauty of landscape in the balmy days of summer. The forest mantled in full foliage, orchards and wayside maples in holiday attire, seem to greet the traveller with a welcome as he passes by, while fantastically-trimmed evergreens, with floral beauties in gorgeous array, adorn the lawns in front of many a spacious farm dwelling, which, together with the new commodious barn in bold relief, indicate health, wealth, and the abode of a happy and contented people. If "hills o' heather braes o' braken, Howe's whar rows the gowden wave," be absent from the scene, eliminating romance, it is fully made up for by fields of waving grain, rich pastures, and herds of splendid dairy cows grazing contentedly.

We might ask the question: Is this picture complete? Is there no possible improvement that would add still to the beauty and utility of the landscape? We might answer the question, yes and no. An artist would depict the scene as near to nature as possible. The many noxious weeds that infest our roadsides, fields, fence-corners and woods, would be subject to his camera or brush as well as the favored beauties of lawn and garden. From the standpoint of the true and tasteful farmer, whose practical mind loves beauty and worth combined, the presence of noxious weeds, that cause him so much loss in capital and labor, is repulsive, and he would rather eliminate the weeds.

The results from the examination of samples of clover and grass seeds sold to farmers by dealers, as told in a recent issue of the "Farmer's Advocate," reveals a state of things so deplorable that it is marvellous that farms, as a rule, are as clean as they are.

In the rich, loamy lands of East Middlesex little clover or timothy seed is raised. Being almost exclusively a dairy district, great value is placed upon the clover crop for hay and the rich aftermath for pasture; consequently, the farmers of this part of the Province are almost wholly dependent on seed dealers for their supply. As a rule, the average farmer is not conversant with the family or order or scientific names of weeds; in fact, he is not well up in the common names of weeds that he knows well by sight, and to his loss. A few farmers are prone to purchase the cheapest seed, thinking they are saving money. This is a penny-wise-and-pound-foolish policy.

It is certainly imperative that farmers make a greater effort to get rid of weeds and keeping rid of them than they have been doing. The weed question, like prohibition, is a great question and a vexed one. There is an ethical curiosity involved in it not easy to explain. Why should men of good common sense, who are quite logical in other departments of business, need a statute to compel them to perform an act so much to their own benefit as the prevention of weeds seeding. The very idea of 400,000 weed seeds sown on an acre is astounding; 4,000,000 on a ten-acre field is sufficient cause to awaken a new era in producing clean seed. I would suggest that certain farms be selected and set apart and placed under the control of the agricultural department of the Provincial Government, for the exclusive purpose of raising pure clover and grass seeds, to be supplied to farmers at cost price.

I think, however, that the most practical means of getting rid of the weed nuisance is by the vigilance of farmers themselves. If they do not and will not realize the benefit of extirpating weeds, it is not only to their own loss as individual farmers, but a serious loss to the country at large. It is an incontrovertible fact that where weeds grow, no useful plant can occupy the same place. I do not mean to insinuate that all Ontario farmers, or even a majority of them, are supine in regard to keeping down weeds, but many are discouraged by the utter carelessness of their neighbors. Experience of many years has taught me that if the roads are not kept clean, the farms cannot be kept even moderately clean, except at the expenditure of vast labor and expense. A careful farmer may toil a lifetime and be little benefited by his labor when the roads and surrounding farms are a nursery of weeds. A farmer may vote Conservative or he may vote Grit, and boast of his loyalty, but his good citizenship is evinced by his fields and the roadsides along his farm. I have heard of men who would do little for good if the devil were dead, and the public roads and many farms in East Middlesex indicate that many farmers are in the same category.

Middlesex Co., Ont.

OLD FARMER.

Pea Weevil and Ox-eye Daisy.

In reply to your request in the "Farmer's Advocate" in regard to insects and weeds, would say that I think the pea weevil is the worst insect and is increasing in our district, with no effective remedy. I also think the ox-eye daisy is a most terrible weed, the worst we have to contend with, and no remedy, to my knowledge. I would like to know some way of cleaning it out of one of my fields. What can your readers suggest as a result of their experience?

Hastings Co., Ont.

W. G. WRIGHT.

Clover Midge Does Damage.

A great deal of complaint is heard from different quarters concerning the ravages of the clover seed midge (*Cecidomyia leguminicola*). This tiny little pest usually attacks the first crop, and renders it unfit for seed, but on account of the heavy rainfall during the early part of this summer, the progress of the insect was retarded. For the same reason the clover blossoms were not properly fertilized by the bumblebees and breezes, the consequence being a light crop of seed. Heretofore most farmers who aimed to produce red clover seed profitably have practised cutting early or pasturing for a time, and relying upon the second crop. Owing to the rapid growth this season after cutting for hay, several fields which ordinarily would have been pastured were left for seed, but the midge, unsatisfied, as in other years, with the early blossoms, comes on again, and has destroyed the second crop. In Peel Co., it is said, very little seed will be threshed, and from other sources come similar tidings. These insects pass the winter just below the surface, among the roots. As a means of ridding an affected area, fall plowing, or plowing just after cutting, and planting some crop the next year which admits of frequent stirring, is recommended by the best authorities.

Worst Insects and Weeds in Simcoe County.

In answer to your invitation of last issue of the "Farmer's Advocate," I will mention a few of our most troublesome insects and weeds:

First: Insects.—The codling moth, the horn fly and pea bug are our worst. Bandaging the trees is the only remedy tried here with any degree of success for the codling moth. There has been no successful remedy tried here for the horn fly, and as for the pea bug, the only remedy that has been tried is to stop growing peas.

Second: Weeds.—The weeds that are most dangerous in this locality are mustard, quack grass, ragweed, sour dock and wild carrots.

The successful methods for destroying these weeds here are: for mustard, pulling by hand; quack grass, plenty of cultivation in a dry time; dock and carrots, cutting or pulling so as to keep them from seeding for a few years. I know of no particular method being tried for ragweed.

Simcoe Co., Ont.

JAMES MALCOLM.

POULTRY.

Poultry at the Toronto Show.

The exhibit of poultry this year at the Industrial equaled, and in some classes far excelled any previous years, and we have never seen the birds in better plumage at a fall show. There were 3,939 entries of fowls, pigeons and pet stock. The number and quality of Plymouth Rocks, especially of the barred variety, was something grand, showing that the utility fowls are still to the front, and that the demand for both the Rock and the Wyandotte by the Canadian farmer is steadily increasing. The show of the Mediterranean classes was also very fine, and the different breeds of Leghorns, Minorcas, etc., cannot be surpassed as egg producers.

The exhibit of turkeys was not as large as we have seen, but some fine specimens of both Bronze and White were shown. A pair of young Bronze, shown by Ford, of Drumquin, were much admired, and also some very fine White specimens shown by W. H. Beattie, of Wilton Grove. McDougall, of Milton, had a magnificent specimen of a bronze hue, which deservedly got the red ticket. W. E. Wright, of Glanworth, had some very fine birds also, in any other variety class. Beattie, Luxton and Alexander were the principal exhibitors. In one coop of young Bronze we saw two very fine birds, but it struck us very forcibly, instead of a cockerel and pullet, as was intended by the exhibitor, there were two cockerels, but the judge, no doubt, saw it also.

The exhibit of geese and ducks was immense. The Bremen geese I never saw finer or in better plumage, white as snow, some of them. In this class, Colwell, Paris Station, and McDougall, Milton, carried off the bulk of the prizes. The Toulouse were also very fine. Bogue, of London, Colwell and W. C. Hodgson were the leading exhibitors. In Chinese geese, Colwell, Burn (Tilsonburg) and Luxton carried off the bulk of the prizes. Some of the finest geese we have ever seen, and which carried off the first prize at the Winter Fair at Guelph two years ago, were a cross between the Chinese and the Toulouse, shown by a Mr. Buchanan, Gourrock. They weighed, when dressed, 36 lbs. a pair.

In Pekin ducks, Bogue, of London, got the red ticket for both duck and drake. Colwell had heavier birds, but not in such good feather. E. H. Brown, Elora, had some good birds, also Mrs. W. E. H. Massey, Coleman P. O. Bogue and Colwell had some fine Aylesburys. The Rouen drakes were not in their usual elegant plumage, but some good specimens were shown by Colwell and Teale, of Guelph. Teale had some fine Cayuga ducks, also Hodgson, Myrtle, and Knight, of Guelph. For a table bird the Cayuga excels all others, so the breeders say. Any other variety ducks were shown by Coulson, Guelph; Farminger, St. Catherines, and Burn, Tilsonburg. The Indian Runner is a new variety, but is claimed to be an excellent layer and a grand table bird.

There was a good display of the grand old Light Brahma. Geo. A. Tosey, Hamilton, had some fine

birds and in good feather. Thorp and Scott, London, and Cameron, Brantford, had some good ones, and Wm. Walker, Guelph, got second prize for a very fine hen. The exhibit of Dark Brahmas was small. Thorp and Scott, Sage and Hayhurst carried off the prizes. The Cochin class was large and good. In Buffs, Hugh Wyatt and Stewart, of London, had the best. In Partridge, Oke, London, and Allan Bogue, Woodbank, were the prize-takers. In White Cochins, Latta Bros. were the only exhibitors. In Black Cochins, Latta Bros. carried the red tickets. There were some fine specimens of the old Dorking, and for a table fowl cannot be beat. John McNeil, London; Stewart & Son, Menie; I. Burrows & Son, Agincourt, and Bogue, London, carried off the red tickets. In White and Black Langshans, Teale, of Guelph, and McCurdy, London, had the finest specimens. The Orpingtons were good, and seem to be coming into favor, both as layers and good table fowls. J. R. Dunn & Co., Emery, and Farminger, St. Catherines, had good ones, also F. A. Powell, East Toronto. In Black Javas, Oke, Bogue and J. R. Dennis & Co. carried off everything. The White Wyandotte was next in numbers to the Barred Plymouth Rock, and a fine fowl they are for either eggs or table. L. H. Baldwin, Deer Park; T. F. Kingsmill, jr., R. B. Millard & Son and Kettlewell, London, had fine specimens of this breed. In Golden and Silver-laced Wyandottes, J. A. Carroll, Wray Bros., Barr, of Woodstock, and James Arthur, London (in Silver), carried off the prizes. The Barred Rocks were very fine specimens. Millard, McCosh & Co., and McKay, Hamilton, had bulk of the prizes. T. Rice, Whitby, had also some good birds. W. E. Wright, Glanworth, showed some very fine Red Caps, and G. W. Kinder, Strathroy, also Dennis & Co., Emery, had good specimens. The Black Minorcas were shown by J. H. Minthart, Brantford, and W. Fullerton, Toronto. Geo. Cook, Midland, had some good ones. The show of Black Spanish was small. Bogue, Strathroy, had the principal exhibit. The show of Games was good. Barber, of Toronto, seemed to have the bulk of the prizes. The Polands were a large class. Messrs. Bogue, McNeil and Oke were the leading exhibitors.

There was the largest show of canaries ever seen in Toronto. H. McKennan, Toronto, showed a very fine thrush, and J. W. Dutton a grand specimen of an English magpie. Mr. Donovan had English pheasants, also Golden and Silver Mandarin ducks, also some fine specimens of quail.

The dressed poultry and eggs were shown in the Dairy Building, and made an excellent display. W. J. Alexander, Ashgrove, got first for best dozen white eggs; also, Miss J. Campbell, Snelgrove, for dozen brown eggs; Miss J. Campbell, dozen Asiatics; Minnie Colwell, Paris, dozen Plymouth Rocks or Wyandottes; Mrs. Alexander, Ashgrove, and A. McDougall, Milton. The Daniels Incubator was much admired, three of them being in operation. There were four others, but not at work. Messrs. Jarvis, Butterfield and Sweet were the judges for fowls, etc.; Wagner and Johnston in pigeons and pet stock.

Fattening Chickens at the O. A. C.

Prof. Graham, of the Experimental Farm, Guelph, is fattening chickens on quite a large scale this fall. At present, the crates contain about 400, which are being finished for the Montreal market. While the ration has varied somewhat, according to the cost of the different materials, it has in general been as follows: 60 parts fine ground oats, 15 each of barley and corn meal, and 10 of bran. These have been mixed with water and fed with the crammer. From ten to fourteen days is generally sufficient to finish the stock purchased from farmers; but although these birds when brought in are worth eight cents per pound live weight, after being properly fattened, dressed and packed, thirteen is realized. This should be sufficient to convince anyone who has chickens roaming about the barnyard, of the necessity of at once placing all young members of the feathered family within crates or in pens, and aiming to realize on this year's hatch. All experiments with feeding in crates as compared with running in yards have demonstrated the folly of the latter. No person can secure the profits which to them belong unless the most up-to-date practices are observed in feeding.

Prof. Graham has just concluded a test of feeding all boiled food as against a ration wholly raw. Rolled oats, ground barley and corn were used. After feeding for a time those on the boiled food became deranged in their digestion, and had to be sold for what they would bring on the market. At the same time those on raw food went on and were fattened quite satisfactorily. Experiments have also been conducted to secure, if possible, some substitute for milk in mixing the meal, but so far no equivalent has been found. The nearest approach has been green rape, or a ten per cent. addition of animal meal.

October's Opportunity.

Thousands of "Farmer's Advocate" readers live far from cities and towns. These and others will welcome the offer of the T. Eaton Co., Toronto, Ont., elsewhere in this issue. The splendid reputation of that immense concern is pledged to the excellence of the \$9.85 watch they offer during October only. Read their statement and act promptly.

DAIRY.

Buttermaking at the Toronto Industrial.

One of the most popular and most interesting features of the fair was the buttermaking. The new dairy building is provided with a room especially built for this work—a model dairy indeed, with its clean white walls, cement floor, good drainage, a plentiful supply of hot and cold water, together with all the utensils necessary for the making of fine butter and cheese. This dairy room, so fresh and clean and sweet, brightly decorated with flowering plants, was one of the attractions of the fair. Not only were the buttermakers from the farm homes greatly benefited by the instruction they received, but it proved an object lesson to city people as well, many having to confess that they had never seen butter made before.

In former years the competitors in the buttermaking contests were given the ripened cream ready for churning. This year, however, a change was made, and the competitors were given sweet cream and were allowed to use their own judgment as regards the ripening, thus "skill in ripening cream" was another point of consideration in the practical work.

Onlookers, as a rule, think that the churning and working of the butter is simply a race, and the one who finishes first must be the winner of the first prize; but this is a wrong idea, as "time" is only one of the many things that are taken into consideration. "Quantity and quality of butter," "exhaustiveness of churning," "neatness and cleanliness," and many other points, are all summed up when making the awards. And not only is the practical work taken into account, but the finished butter is also scored for flavor, grain, color, salt and package.

In the professional class, four ladies and four gentlemen competed, with the following results:

First prize (\$40)—Miss M. Green, of Loyal: practical, 90.6; butter, 95.8.

Second prize (\$30)—Miss E. Hewson, of Mayfield: practical, 88.6; butter, 95.6.

Third prize (\$20)—Mr. O. Hooper, of Guelph: practical, 90.0; butter, 93.8.

Fourth prize (\$10)—Miss H. McAllister, of Beachville: practical, 86.2; butter, 95.0.

In the amateur class five entered, and the prizes were won by:

Miss J. Stewart, Hampstead: practical, 98.25; butter, 95.50.

Miss G. McGill, Eramosa: practical, 96.25; butter, 94.50.

Mr. M. Stonehouse, Port Perry: practical, 97.00; butter, 93.62.

Mr. R. S. Hambleton, Jarvis: practical, 91.00; butter, 93.75.

The competition in each class was keen, and the character of the work in most cases was excellent. Each morning and afternoon short addresses were given by well-known agricultural and dairy experts. Those taking part were Mr. A. F. McLaren, M. P., Prof. Robertson, Dr. Mills, Prof. Ruddick, Prof. Dean, Prof. Hart, and Mr. James Stonehouse.

These pithy, pointed talks were eagerly listened to by those present, and it is to be hoped that the management of the fair will see fit to arrange for more instruction of this kind next year. In fact, so anxious were the people for more knowledge that a lecturer could get a crowd at any moment of the day.

When we consider that \$25,000,000 represents our exports of butter and cheese, dairying is a branch of work not to be despised, and should receive greater attention than it does at present, in order that we may improve not only in quantity, but also in quality. The better care of milk and cream is the great question that is met in the dairy business to-day, and if these buttermaking competitions do no more than create in those looking on a desire to do better and keep things cleaner, they will be well worth all the money expended, and will be a boon to the makers in the cheese and butter factories throughout the country, for if a farmer learns how best to care for milk and cream for home use, he will then know how to care for it for factory use. The dairyman's motto is "cleanliness," and visitors to the fair must certainly have been impressed when they saw the well-kept dairy with its intelligent dairymaids and dairymen clad in spotless white, doing their work in a scientific and systematic manner.

A new feature this year was the making of cheese. This work was carried on simply as an object lesson, and it is to be regretted that the new dairy building is not larger, so that the work might be done where all could see. Being done in the background, so to speak, much of the benefit that might have been received was lost. This department of work was taken charge of by Mr. R. W. Stratton, of the O. A. C. dairy department, and Mr. J. Babb, of Gilford.

The Babcock test, the acidimetre, and other dairy apparatus, were used and explained for the benefit of those interested in up-to-date dairying. How to make and use "culture" in buttermaking was also shown, and any questions asked regarding any phase of dairy work were fully answered by those

in charge, thus making this department a veritable dairy school.

Miss Bella Millar, of Guelph, an instructor in dairying, and a graduate of the O. A. C. dairy school, was judge of the competition for the first week, and Prof. Dean, of the O. A. C., the second. Both judges took a keen interest in all parts of the work.

The whole dairy building was under the superintendence of Mr. Jas. Stonehouse, a man well known in dairy circles, and one who deserves great credit for the thorough and systematic manner in which the work under his management was carried on.

The Beachville Creamery and By-product.

The Beachville Creamery, Oxford County, Ont., is well known throughout Canada by its brand of butter. It is owned by Jas. Ireland, one of our oldest manufacturers of cheese and butter, who gained honor as a maker of large cheese for Sir Thomas Lipton and other English firms. In 1891 Mr. Ireland built a cheese factory in Beachville, and after running it as such till 1896, put in a butter plant, and made about 30 tons of butter the first year. Since then the creamery has steadily increased, till now 6,000,000 pounds of milk is handled and 250,000 pounds of butter made annually. In connection with the making of butter, the skim milk is all utilized in the form of dried casein, and used by furniture dealers and paper hangers in the form of glue. Over one hundred and fifty tons a year is sold for this purpose. In this way the farmers realize more per hundred for their product, and it has proved to be a very profitable industry. The creamery is situated on a dry, sandy hill, with the best of drainage and splendid water. The building is of



MR. ROBT. IRELAND.

Recently appointed on the staff of the Kingston Dairy School.

frame, 60x80, with an addition of 30x60, painted outside and in. Three large-size Alpha separators, with a capacity of 11,000 pounds an hour, separate all the milk. It takes seven 7,500-pound vats to hold the milk of one day. The cream-ripening room is 30x16 feet, and has two 5,000-pound cream vats. The room is painted white, and has plenty of light. The buttermaking room is 30x50, fitted with two 600-gallon churns and two large butter-workers, and is considered the most up-to-date butter room in the country. The cold-storage rooms, of which there are two, hold 30 tons of butter each, and are kept at a temperature of 38 F. In connection with the factory is a large icehouse, 40x80 feet, built of stone, holding 500 tons of ice, which is kept by the use of straw (no sawdust). The casein is a by-product when finished, looks very much like light coffee sugar, and is manufactured at the rate of from eight to ten barrels a day.

The success the creamery has attained is due to the enterprising maker, Mr. Robert Ireland, who is widely known among dairymen throughout Canada. He was a student of Guelph Agricultural College, and was recently appointed instructor in buttermaking at the Kingston Dairy School. He has been a very successful competitor at Canadian exhibitions, also the Pan-American and World's Fair, (Chicago). At the recent Toronto Industrial, two firsts and second prizes were awarded to his exhibit.

Trap the Dairy Drain.

To the Editor "Farmer's Advocate":

Sir,—In reading the instructions given as to how to build a small dairy, page 686 of September 15th issue, I thought that it would have been well to have added a warning about the drain. It should be trapped to prevent the bad smell from going up into the dairy, as a bad odor from a drain has been known to practically ruin butter placed in a building of that kind. Wishing you every success, I am as ever,

Oxford Co., Ont.

D. LAWRENCE.

GARDEN AND ORCHARD.

The Fruit Exhibit at Toronto.

There is probably no better advertisement of the capabilities and resources of the Province of Ontario than the Industrial Fair. Especially is this true of the exhibit in the fruit building. And yet it is not a fair or full representation of the capabilities of our Province in fruit-growing, owing to the early date at which the Fair is held, the fall and winter varieties of fruit not having attained full growth or color; and the southern parts, the Niagara Peninsula and the localities bordering on Lakes Ontario and Erie, have a decided advantage here in the fact of their season being usually about two weeks earlier than the middle and northern counties.

The exhibit of fruit this year, however, was a surprise to most people. Owing to the wet, cool weather all through the season, no one expected to see such a fine display. On entering the building, the exhibit of the Experimental Fruit Stations is the first to claim attention, where nine stations are represented. A. W. Peart, of the Burlington station, shows 115 varieties of fruit of fine quality, including many fine pears and plums. M. Pettit, Winona, of the Wentworth station, had a fine collection of grapes, but not so large as usual, owing to the fact of many varieties not being matured. The Simcoe station had about 100 varieties of fruit, including 12 varieties of hardy cherries, put up in solution in glass jars, as well as several varieties of small fruits. The Huron station had about 20 varieties of apples and some 30 varieties of plums, all of fine appearance. The strawberry raspberry shown in this collection was something of a novelty, being a cross between those two fruits. It is a handsome looking fruit, but in quality an utter failure. The Georgian Bay station had one of the finest exhibits, consisting almost entirely of plums, 130 varieties, and all of fine quality. Never was the capabilities of the Georgian Bay District as a plum-growing section shown to better advantage. Mr. Mitchell, who conducts the station, is a careful and thorough cultivator, and is evidently in love with his work. The East Central station, located at Whitby, showed well the ability of that section to produce fine apples and pears, about 40 varieties of each being represented. The Bay of Quinte station exhibit was the largest of all, 140 varieties, mostly apples, with a number of fine pears. The St. Lawrence station, located at Maitland, in the St. Lawrence Valley, was represented by about 32 varieties of apples and several varieties of plums. The chief commercial apples in that section is the Snow and Scarlet Pippin, the latter a seedling of the Snow. The Snow apple (or Fameuse, which is its proper name) having originated on the island of Montreal, the nearer to its original home it is grown the more productive it is, and the better the quality. Mr. Jones, who conducts the station, has an orchard of Fameuse and Scarlet Pippins, which is one of the most productive in the Province. The Southwestern station, located at Leamington, in Essex county, and conducted by Mr. Hillburn, had a tempting display of peaches, one of the most luscious fruits produced in the Province, the Fitzgerald, Elberta, Tyhurst and Crawford being leading varieties. There is evidence, from the experiments now being made with different varieties, that the peach belt in this Province will be considerably extended in the future, and that many localities further north will be able to grow some hardy varieties of this most desirable fruit, and of fairly good quality.

Coming to the fruit exhibited in competition for prizes, one is impressed with the variety and great excellence of the display. Looking at the great exhibit of plums, one of the first thoughts is: Do we not produce the best plums in the world as well as the best apples? And perhaps it may seem selfish, but one cannot help thinking of the great and increasing quantity of California plums that are sold in this country, the appearance of which is superior, but the quality and flavor decidedly inferior to our own. But it is said we should not object to that, they come in before ours. True, but yet the fact remains that they do come into competition with our own in other parts of the Dominion.

Coming to the collections: Here is large prizes offered for a collection of 40 varieties of apples, and the red ticket is placed on a collection from the Bay of Quinte and the blue on one from Hamilton, both of them splendid in appearance, but just here the question arises: Is it wise to offer a large prize for 40 varieties? How many of these have any commercial value? Is this sort of thing not more of an injury than a benefit? Would not 20 varieties more than cover all the commercial varieties? The same may be said of the pears. You ask a pear-grower for a list of his best commercial pears, including those suitable for export, and he will not reach the figure ten.

On the west side is a large exhibit by the Fonthill Nursery of 200 varieties of apples. This enterprising firm have a large experimental orchard, where varieties are tested before being propagated for sale, which is a very good idea. But here again the same question comes up, what do we want with such an everlasting number of varieties? How many of them are of any use? Are we not growing far too many now? Every experienced grower will tell you to confine your planting to a few of the best commercial varieties.

The bulk of the prizes in apples went to the Bay of Quinte district and to Hamilton, while in pears, peaches and grapes the Niagara Peninsula, Burlington and Hamilton districts got the lion's share.

The competition for the prize for horticultural societies was between Niagara Township Society and that of Belleville. The latter showed about five times as many varieties of apples as the other, but lacked in plums, peaches and grapes, though well up in pears. The Niagara exhibit made a grand display, was very tastefully arranged and showed the great capabilities of that section in producing fine specimens of the tender fruits, and they were awarded first prize by the judges. But although the display was very attractive, yet on close inspection it was found to be made up of comparatively few varieties, which were duplicated all over the table, some of them seven or eight times. It reminded one of the Wisconsin exhibit of apples at the Pan-American, which were gorgeous to look at as to color and size, and covered quite a large space, but only consisted of about a half dozen varieties. But in this case we are not going to question the decision of the judges, for the exhibits, although duplicated over and over again, were yet of such high excellence they were no doubt entitled to the red ticket.

The lessons to be learned from the fruit exhibit are, first: The great capabilities of the Province of Ontario as a fruit-producing country, such as was never dreamed of in early days. Yea, we have a goodly heritage. The prize lists of our fairs need revision so far as fruit is concerned. We should not continue to encourage, by offering prizes, the growing of varieties that have no commercial value. This applies to all our fruits. Dessert and cooking quality, and, above all, home and foreign market value, should be recognized in the prize list.

The Experimental Stations exhibit contained a great number of useless varieties—cumberers of the ground. This exhibit should be made more useful and of more educational value. All varieties are exhibited together, properly labeled with the names of the varieties, but nothing to show which are recommended and which are discarded. This will, no doubt, be remedied in the future.

But, altogether, the fruit exhibit is an inspiring sight. It makes one feel proud of our country that can produce such a display, and not only in fruit, but in all other products, and, in the words of the poet (Scott), we feel proud to say, "This is my own, my native land."

October Work in the Garden.

October is the time of harvest in the garden, as the remainder of the crops and all the hardier vegetables must be gathered in before the heavy frosts which usually occur towards the last of the month in this locality. The garden crops that are tenderest, such as squash, pumpkins and cucumbers, should be first seen to, as one night's frost will often ruin them. The fruit should be cut from the vine, leaving several inches of stem attached, and stored in a dry loft or room until winter sets in, when they can be put in a cellar or other frost-proof place for further keeping. Tomatoes had better be picked on the approach of heavy frost, but if a warm cellar is convenient, a number of the best vines can be pulled up by the roots, tomatoes and all, and hung up where they will continue to ripen for some time. Beans and peas, if dry, can be pulled and threshed out for winter with two sticks if the plot is small, while the unmaturing ones can be shelled and used green or pickled for winter. The stalks of corn still containing green ears can be cut and stacked in a barn or shed, where, if the air can circulate through them, they will keep in good condition for some time. Several of the ripest and best filled ears can be put aside for seed, as corn does not deteriorate so rapidly when grown from home-saved seed as some things do, unless the seed saved was from poor stock. There is no difference to speak of in the way of harvesting the root crop, such as carrots, parsnips and beets, except that parsnips can be left until later, or if some protection is given until the following spring. Except in the case of the long varieties of carrots and parsnips, the roots can be pulled, topped, and after standing for a while to dry off, taken to the cellar or pit for winter preservation. A four-pronged digging fork is the best thing for taking up carrots and parsnips, and if carefully used no damage to the roots will result. I have found cutting off the tops with a sharp knife while they are in the ground and before digging a good plan, but one way is about as good as another, so the owner can suit himself. To keep for winter use without wilting I find a sprinkling of dry sand or soil throughout the barrel or heap absolutely necessary, although in a warm, moist cellar sprouting and rotting should be guarded against. Onions should be well ripened by the last of the month, and as soon as the tops dwindle away and fall over can be pulled and put in small windrows. After a few days' exposure to the air and several stirrings or turnings with a wooden fork or rake, they can be gathered up and stored in as dry a place as possible. Any that are quite green, or necky, had best be kept separate and used first, as when put with the others they are apt to induce rot. I generally leave the tops, if dry, on those I intend keeping, and some seasons there is little or no top, having all been absorbed by the onion, but such seasons are exceptional down here by the sea. Celery can be taken up by the roots, ground and all, and placed in a dark, frost-proof cellar, where it will continue to blanch, and if the temperature is even can be kept till well on in the spring in the case of the red sorts, the other varieties, with few exceptions, not being in good condition after Christmas.

Halifax Co., N. S. EDGAR MACKINLAY.

The Potato Blight.

BY PROF. W. LOCHHEAD, ONTARIO AGRICULTURAL COLLEGE.

The blight which attacked the leaves and stalks of potatoes during the latter half of August was felt over the larger part of Ontario. It is rather early to give an estimate of the damage done, for in many cases the tubers are still healthy and moderately large, while in other cases many have begun to rot. For some years the blight has not been severe. This year, however, was an abnormal one as far as the weather is concerned, and the moisture conditions were favorable for the development of the fungus which caused the blight. During July and August there was much rain, with intervening spells of warm, not to say hot, weather. As the fungus grows most rapidly in a temperature of about 70° F. when the air is humid, it will be readily seen that it was possible for the disease to make a very rapid headway this season.

There is scarcely a year when there is not a little blight present, but with its remarkable powers of reproduction, the fungus may spread with amazing rapidity when the conditions are favorable.

The fungus blight is an internal parasite, hence spraying with Bordeaux is of little avail in preventing injury after the plant becomes infected. Spraying is valuable, however, in preventing the spread of the disease to unaffected plants, and should not be neglected. Observations show that fully 90 per cent. of our potato growers take no precaution whatever to ward off fungous diseases from their crops. Paris green is used everywhere to kill the beetle, but Bordeaux mixture is seldom or never applied to prevent blight. A spray composed of a mixture of Paris green and Bordeaux would ward off both the beetle and the blight. The fruit-grower has learned by experience the value of this mixture in combating the codling moth and the scab. Some years the scab is not serious, but the fruit-grower always takes the precaution to spray his trees thoroughly, for he cannot forecast the season, with any degree of accuracy. "Fore-spraying is fore-armed" is his motto, and it ought also to be the motto of the potato-grower.

For the best method of preparing and applying the combination, Bordeaux and Paris green, consult Spray Calendar, Bulletin No. 122, published by the Department of Agriculture, Toronto. For potatoes, however, use 8 ozs. Paris green instead of 4 ozs. to the barrel. Spraying should be done all through July and August.

[Note.—See also "Farmer's Advocate" for March 15th, 1902, page 216.—Editor.]

The potato blight first shows itself as small, brownish blotches on the leaves. These rapidly enlarge, so that in a few days the entire field becomes blackened. During the early stages a delicate, white, felt-like covering may be seen at the margin of the brown areas on the under side of the leaf. This is composed of an immense number of branching threads bearing spores. These spores are rapidly dislodged from the threads and are carried away by the wind to the surfaces of other leaves, where they germinate at once and send germ-tubes into the leaf. Once within the leaf they grow rapidly by feeding on the juices, and soon set up the diseased condition known as blight. If, however, the leaves are covered with the Bordeaux the spores which alight on them are killed and infection prevented.

The way the tubers become affected is not so clear, but it is probable that the spores on falling to the ground are often washed by rains through the soil to the tubers, into which they force an entrance and set up conditions which give rise to the rot. In some plantations this year only the uppermost tubers are rotten. This would seem to favor the idea that the rot was produced by spores washed down by rains.

As the winter spore of this fungus is not known, it is supposed by many authorities that the fungus winters over as thread in diseased tubers, and that after planting the tubers the following season the threads grow into the new shoots and into the new leaves. If this is the case it becomes important to plant "seed" potatoes from localities where the blight was absent the previous season.

Some authorities are of the opinion that the fungus winters over as a thick-walled spore in the tissues of the dead leaves and stalks. This supposition is a quite probable one, for many closely-related blights winter over in this way, and their winter spores are not difficult to find. But the potato blight winter spore has, as yet, not been found, hence the various suppositions as to the method the fungus adopts to survive the winter. If the blight has a winter spore, then all the dead stalks and rotten tubers should be burned. They should never be thrown on the manure heap, for with the application of this manure to potato ground the following year many spores will be distributed and ready to infect the new plants. At this juncture it would be advisable to remove the dead stalks from the ground before digging up the tubers, for it may prevent further infection of the tuber and subsequent rotting.

Book for Carpenters.

Having seen in "Farmer's Advocate," some time ago, about a book on "Framing," which would be appreciated by carpenters in framing hip and valley roofs, kindly let me know where I could obtain a copy?

SIMEON MCPHEE.

Simcoe Co.

Ans.—Order through this office. Price, 75 cents.

APIARY.

The Toronto Industrial Honey Exhibit, 1902.

On entering the honey building at the Industrial Exhibition at Toronto, last month, one was struck with the possibilities of the place and the meager way in which they had been realized. Around the walls were ranged four exhibits of very creditable honey, such honey as that with which our neighbors across the line failed to compete at the Pan-American. But the displays, though tastily arranged, were small, and the most conspicuous part of the room, the center, was used for scoring honey, filling cans, etc.

Beekeepers cannot complain about the building assigned them this year, as it is well located, and certainly contained sufficient space. It must be that the inducements offered in the way of prizes are not sufficiently remunerative to attract exhibitors. The advantage gained by individuals advertising honey in this way is slight compared with the expense of exhibiting. There is no doubt the honey exhibits at Toronto and elsewhere have done and are doing a great good in bringing this food more prominently before the public; but the point is this: The average beekeeper does not need to exhibit in order to market his honey, and exhibiting will not increase his price more than enough to balance the expense. How, then, can the honey building be filled? is a question worthy of consideration.

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to the "Farmer's Advocate" are answered in this department free.

2nd.—Our purpose is to give help in real difficulties; therefore, we reserve the right to discard enquiries not of general interest, or which appear to be asked out of mere curiosity.

3rd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer, as a guarantee of good faith, though the name is not necessarily for publication.

4th.—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

Veterinary.

LYMPHANGITIS AND BONE SPAVIN.

1. I have a horse now. He had lymphangitis. He showed symptoms of pain by pawing with the front foot. The swelling went into his body before it stopped. The swelling is all gone now, excepting in his leg below the hock of his hind leg. When he is pasturing right along the swelling is only in the fetlock joint.

2. I have another one that had a bone spavin and it was killed. The horse was worked rather soon, and the lump came back, and I got a liniment that took the lameness away in four days; and we lost the recipe, and as it was not lame we did not use the liniment long, so the lump is one inch wide by two deep, and one inch thick; that is, from the surface to the proper place of the leg. It is very lame till it is working about five minutes, and then you can hardly notice the horse limp. By the way it acts it seems to me if I had a good liniment that it would be a good thing. I tried Fleming's Spavin Cure, but it is no better than when I started.

Ans.—1. Your horse's leg is likely to be permanently thickened, as one case of lymphangitis very frequently leaves them that way. Get potassium nitrate 4 ounces, resin 4 ounces, pulverize and mix thoroughly. Give dessert-spoonful four times a week.

2. It is absolutely necessary to rest your horse, and you had better have him fired by a vet. and blistered 24 hours after firing, and repeat blister every four or five weeks until better. The blister is composed of biniodide of mercury, $\frac{1}{2}$ dram; cantharides, $\frac{1}{2}$ dram; lard, 6 drams.

TUMOR OR RUPTURE IN COLT.

I have a two-year-old colt that has a lump half as big as a man's head. On his side below the short ribs and on his belly is swollen about two inches thick. The lump is on his right side, and has been there nearly a month, and is hard and not very sore. The colt feeds well and drinks and runs around, but has failed since the lump came on. The veins are swollen along the side from the lungs to the fore leg. Would you kindly tell me what is the trouble and what to do with it?

Ans.—Your colt has either a tumor or rupture, and will likely have to be operated on, so you had better consult a local V. S., or you may try blistering. Get 3 drams of hydrarg binoid, 3 drams of potassium iodide, 6 ounces of water. Apply once a day for 3 days, which will blister the place. After healing repeat.

LAMINITIS.

My 8-year-old mare when carrying first foal, 1900, contracted founder; removed partly, but after foaling this season became crippled again. What treatment would you recommend for her, as she is valuable and I am anxious for a complete cure?

Middlesex Co., Ont.

HORSEMAN.

Ans.—Your mare will probably never go sound, as she has been suffering from laminitis. You will have to keep her feet soaked well with water or poultice with bran. After poulticing 3 or 4 days apply a blister composed of biniodide of mercury 1 dram, cantharides 1 dram, to 12 drams of lard, around the top of the hoofs. Repeat blister after healing.

THROAT AFFECTION IN COW.

A cow, three-quarters Jersey, 6 years old, had always been in good health, came in last July. About two weeks before calving had a sick spell, which came on suddenly and lasted about half an hour, then was all right again. She began to froth at the mouth and vomit; the vomit was a clear white saliva, nothing more. When over she would chew her cud. About 3 weeks ago took the same spell, was a little nervous, but got better in half an hour. Last week took two more spells, but is all right again. Must say that the spells always came on between 4 and 6 o'clock in the afternoon. When in spell she breathes heavily, with a rattling sound; is in good flesh, but gives a poor mess of milk just after the spell for one mess only, then gives her usual flow until she takes another spell. Called in the veterinary, but he was baffled; examined her for tuberculosis and sounded her, but still was beaten; he pronounced her sound and healthy.

Ontario Co., Ont.

T. T. S.

Ans.—Your cow is suffering from some throat trouble. It is evident the vomiting is not coming from the rumen, as it is pure saliva, therefore she must have a growth in the pharynx, probably a tumor attached by a neck that is movable and closes some of the passages at times, or she might have spasms of the larynx. I would recommend having the cow's throat examined for tumor by a local veterinary, and if one is found have it removed. In case of spasms of larynx great caution would have to be observed in drenching, as you cannot drench at all during spasm. Any medicine administered at that time would have to be given hypodermically. When the cow appears all right give her bromide of potassium 2 drams twice a week, as in case it is spasms of the larynx it is due to brain trouble and will kill her sooner or later.

CURE ON COLT.

I have a valuable colt, three years old, on which is a curb of about two months' standing. Please state, through columns of "Farmer's Advocate," whether there is a complete cure for curb, and best treatment for such?

Perth Co., Ont.

SUBSCRIBER.

Ans.—Curbs are frequently completely cured by blistering. Get biniodide of mercury, 1/2 dram, and cantharides, 1/2 dram, 6 drams of lard. Mix together. Rub well in for half an hour. Rub a little lard on a couple of times a week after blistering, to keep the part soft. Repeat blistering, if necessary, after healing.

Miscellaneous.

A FIXTURE.

Can a cream separator that is put down with wood screws to a block cemented in a cream house be removed after the sale of a farm if mentioned in the writings?

Huron Co.

C. S.

Ans.—No.

ENGLISH PLANTAIN—BLACK MEDICK.

Find enclosed two weeds. The largest one I never noticed until this summer, it having come either in clover or timothy seed, and although it was cut off in the hay crop it is now up again and seeded out. Kindly let me know what they are and if they are very injurious ones? Explain their nature and the best way of exterminating them if possible.

Simcoe Co.

W. B.

Ans.—The larger weed is English plantain (*Plantago lanceolata*), a description of which, and method of eradication, was given in Sept. 15th issue, page 688. The other is black medick (*Medicago lupulina*), a plant of the leguminous, or clover, family, and belonging to the same genera as alfalfa. It is a perennial, and appears to be increasing in certain districts. In Aug. 15th number, page 597, a method of clearing affected areas was outlined.



ENGLISH PLANTAIN.

CARE OF ENTIRE COLT.

Please let me know a proper ration for colt just four months old, lately weaned and placed in box stall 8x12 feet. He is a well-bred Belgian heavy draft, and I intend keeping him for a stallion if he does well. Will I need to let him out every day this winter for exercise, or will he get enough exercise in the box stall? Will it do him good or harm to curry him well every day?

Algoma, Ont.

A. G. McDONALD.

Ans.—In the care of colts after weaning, an abundance of good food should be supplied. Since it is necessary that bone and muscle be built up, foods known to produce them must be supplied. Care must also be exercised that the digestive tract be not overtaxed, but so nourished that a healthy organization may be developed. For roughage, good clover hay is unexcelled, while crushed oats and bran are the most desirable concentrates. The two latter are especially rich in bone-forming substances. They may be mixed in the proportion of two of oats to one of bran, by bulk, and fed at the rate of from 2 to 3 pounds per day, gradually increasing, according to the size of the colt. After weaning, a tablespoonful of linseed meal once a day will help to make up for the loss of fat in the dam's milk and greatly add to the healthfulness of his coltship. At no time should he receive more food than will be eaten up clean. Exercise and sunlight are especially essential to his growth. Every day, except in very severe weather, he should be allowed to roam several hours in a large open paddock. The box stall as mentioned would not allow sufficient scope. Outdoor exercise must be encouraged, to promote vigor and strengthen bone and muscle. Currying will do no harm and but little good. It is quite unnecessary in the case of a colt.

UNSATISFACTORY MILK TEST.

I have been sending my milk to the butter factory, and as I have a nice calf, I do not give it the milk I get back from the factory, but set some in a creamer can and draw off the skim milk for the calf, putting the cream in with the milk that I send to the factory; yet I find I do not get any better test than when I put the whole milk in. Is it the fault of the man that tests the milk, or had the extra butter-fat ought to show in the test?

York Co., N. B.

F. K. M.

Ans.—If the milk were properly stirred by the person taking the test, there is no reason why a higher reading should not be given. Under the present system of paying according to the Babcock test, it is certain that justice is not done to all patrons. As soon as milk has been taken from the cow the cream at once begins to rise, and where a sample for testing is not taken until several hours afterward, it is almost impossible to secure one representative of the whole lot. Excessive stirring will, of course, tend to equalize the different portions, but it cannot do so enough to make the small quantity required an average of the balance in the can.

SHEEP TRESPASSING.

A has a pasture which, with adjoining lots, is commons, and A's sheep have been pasturing there for the last 50 years. B purchased one of the lots and plowed a part and sowed with oats. Is A liable to pay any damage done by his sheep because B did not put a suitable or lawful fence around it? The law of the land is to keep stock enclosed.

New Brunswick.

J. R.

Ans.—Considering the facts stated only, and such inferences as may fairly be drawn from same, A would seem to have rendered himself liable as for trespass, and B be in a position to claim damages accordingly. But before taking any legal proceedings therefor, B would do well to consult a solicitor personally.

THRASHING FLAX.

Would you advise me how to harvest and thresh flax? I have tried it in the trumper, but it winds around the cylinders.

MATTAWA.

Ans. Allow the flax to become ripe and cut with binder. The winding was probably caused by flax being damp. One of our staff who grew flax for threshing several years found no trouble such as "Mattawa" describes. The concaves were set quite close to the cylinder. The fanning mill wind must be checked, or the seed will blow over.

COMMON MUGWORT.

Enclosed find specimen of weed for identification. It is a rank grower, often reaching a height of six feet or more, has a large spreading root and increases rapidly. I have not noticed it on any farms in this vicinity, nor can any one name it. Kindly give method of eradication.

York Co., Ont.

SUBSCRIBER.

Ans.—The weed is common mugwort (*Artemisia vulgaris*). It is most commonly found in uncultivated fields or near uninhabited dwellings. To eradicate, ordinary good cultivation should be quite sufficient. Plow early and stir the surface frequently during the growing season that follows.

BLACK BINDWEED.

Enclosed find sample of a weed which was found creeping along the ground. It was five feet long and very heavily loaded with seed.

Huron Co.

R. G. WOODS.

Ans.—This weed is black bindweed (*Polygonum convolvulus*), differing from common bindweed (*Convolvulus arvensis*) in being an annual instead of a perennial. It is also much easier to eradicate, yet when allowed to gain a foothold it becomes quite obnoxious by smothering other plants.



RAGWEED.

RAGWEED—FEEDING OATS.

1. I enclose you a weed which has shown itself more or less on my farm for the last five or six years. Please tell me what it is. Is it hard to kill?

2. What do you think of hashing oats for farm horses?

JAS. W. SCOTT.

Lanark Co.

Ans.—1. The weed enclosed is ragweed (*Ambrosia artemisiifolia*), an annual, somewhat difficult to get rid of. It produces many seeds, which are distributed not only through seed grain, but also by wind and water, being borne long distances by freshets. For methods of extermination, follow that outlined for rib grass, to be seen in Sept. 15th issue "Farmer's Advocate."

2. Horses having a full mouth of good teeth are benefited but little by having their oats crushed. For colts or old animals whose mastication is apt to be imperfect, it will pay to have the grain broken up somewhat before being fed.

BADGES FOR CONSTABLES.

Kindly inform me through the columns of your paper where I can procure badges for county constables?

SUBSCRIBER.

Addington Co., Ont.

Ans.—If you cannot secure them from local jeweler or engraver of metal badges, you can order from Thos. Gilleen, jeweler, London, Ont. You must furnish him the inscription to be placed upon it. Nickel badges cost 50 cents; sterling silver, \$1.00.

A Weed from the Railway.

Prof. Jas. H. Bowman shows the "Farmer's Advocate" a thrifty specimen of the Russian thistle, or "tumble weed," found growing in the yards of the Canada Chemical Company, East London, Ont., where the seed is supposed to have fallen from a passing train on the main line of the G. T. R. It likely came from the Western States, where this pest abounds. Farmers whose farms lie alongside the railways should be on the alert for new and suspicious plants found near the tracks. Do not let them go to seed. We repeat our invitation to readers to send us complete samples, including root, stalk and flowers, of unknown plants of a doubtful character. We would also be pleased to receive samples of the mature seeds of weeds, along with a sample of the plant, for identification. These should be accompanied with the name and address of the sender, and any facts regarding the habits of the plant that might prove of value.

Exhibition Dates.

CANADA.

Beachburg	Oct. 2 and	Oct. 3
Brampton	" 2 and "	" 3
Millbrook	" 2 and "	" 3
Otterville	" 3 and "	" 4
Georgetown	" 6 and "	" 7
Park Hill	" 6 and "	" 7
Elma at Atwood	" 7 and "	" 8
Rockton	" 7 and "	" 8
Blyth	" 7 and "	" 8
Beaverton	" 7 and "	" 8
Victoria, B. C. (Provincial)	" 7 to "	" 10
Berlin	" 9 and "	" 10
Caledonia	" 9 and "	" 10
Highgate	" 10 and "	" 11
Simcoe	" 14 to "	" 16
Woodbridge	" 15 and "	" 16
Muncey	Oct. 21 to Oct.	23
Ontario Winter Fair, Guelph	Dec. 8 to Dec.	12
Amherst Winter Fair	" 16 to "	" 18

UNITED STATES.

St. Louis Fair, St. Louis, Mo.	Oct. 6 to Oct.	11
Kansas City	" 20 to "	" 25
International—Chicago	Dec. 1 to Dec.	6



"The under side of every cloud
Is bright and shining,
And so I turn my clouds about
And always wear them inside out,
To show the lining."

The Township "Show."

"Goin' to the show?"
"You bet! Wouldn't miss it fur a farm."

Two teams of horses in two adjacent fields slacken their traces and stretch their necks for a morsel of clover. Two stalwart plowmen lean against the plow handles, cross their feet, and give their hats a backward tilt. "Goin' to the show?" says one, and the other replies, "You bet!"

He doesn't say "Reckon so," nor "Most decidedly," nor "Undoubtedly"; that wouldn't be half so expressive, nor half so complimentary to the "show." Our young Canadian is patriotic—even to the point of adopting foreign habits of speech to express his patriotism. The horses seem to say it too, as they toss their manes and switch their tails in anticipation of colored ribbons and tight braids, and the fat old sheep bleat it from the near-by pastures, and the Jersey cows whisper it as they look at their reflections in the creek; and the pigs grunt it as they wallow still deeper in the mud below the bridge; they have no vanity, poor things; they know that ribbons aren't so becoming to them as mud. The old turkey gobbles it from the head of his flock in the woods, and even the jays seem to shout it from the tree-tops, and the crickets from the grass. And in the farmhouse, "ye nut-brown maid"—but no, she doesn't say "You bet!" The very idea! She doesn't need to, anyway. She has a much more eloquent reply in her bits of needlework, her well-guarded flower-beds, her waxen rolls of butter. "Goin' to the show?" Why, of course she's going.

'Tis a great institution, this township "show." It comes just once a year, and at the time when nature is revelling in gaiety of costume and richness of viands, before the snows of winter enshroud her. It enlivens the sense of the beautiful. It enlivens the spirits. It enlivens the dust. It enlivens the necessity of industry, of brotherly love, of long-suffering, and of "counting ten before you speak." Yes, 'tis a great institution. Everybody goes to it, from 'Arry and 'Arriet, sauntering along, arm in arm, dusty of footwear, munching peanuts, and staring at the fat woman on the thin chair in the side-show, to Reginald and Genevieve, driving about leisurely and nonchalantly in their glittering Gladstone, taking a faint interest in the races, and smiling down on their fellows in a commiserating way.

"Horrors! Just look at that girl, Reggie, dear," says Genevieve, "did you ever witness such an utter lack of the artistic sense of color and combination? How dreadful it must be to have to walk around and look like that!" And at the same time 'Arriet remarks:

"I say, 'Arry! See the scarecrow up there! Looks as if she'd never eat anything but skim milk an' pickled cucumbers. An' her jacket's jest the color of our old roan mooley. My! I'd hate to be stuck up there an' look like that!" Verily, "a man's mind is his kingdom."

On the morning of the first day of the fair there is always a great hubbub in the main building—why, certainly we have a "main building" at our fair. Anybody with any common sense knows that. This is the time when the various articles intended for exhibition are brought in and arranged for the inspection of the judges. It is a trying time—in more than one sense. One mustn't expect too much of one's friends at such a time, and one may expect almost anything from one's enemies. For instance, if you have darned ten holes in one pair of socks with number ninety thread, and your bosom friend has darned three with number fifty, you mustn't take it hard if she tells you that she never mends socks till they need it, and that the holes in the pair she is exhibiting came there naturally, from the bumps on John's feet, before she began to darn, and not from a pair of scissors after she was through. Or if you have a tea-cosy that you made in the space of two weeks, and your not-recognizing-on-the-street friend has one that she was working at for two years, you mustn't show any resentment if she puts her arm around you, says it is so long since she has seen you, asks how many teeth the baby has, and begs you to come and make her a visit. And supposing you go in for fine arts, and

have a very pretty sunset scene in oils, and some one has the audacity to hang a similar one beside it, don't you be so unsophisticated as to enquire if that is supposed to represent Mt. Pelee in eruption, or a certain place of entrance with these words inscribed over it, "Abandon hope, all ye who enter here." This is what enlivens brotherly love.

If one can get in a quiet corner of the building, it is very interesting to watch these preparations. There is a woman who has entered sixty pounds of butter, a pair of geese, and a jelly cake. She walks silently back and forth between these three things, and every time there is a new arrival her lips look more and more like the "thin red line." To-morrow she will have fewer red tickets than she expected, and then—woe betide the Russians! Here is a man who has cabbages, onions, squash—almost every kind of root and vegetable, in fact. He isn't known to be a nervous man, but there he is, putting the onions among the apples, and talking to himself in this wise: "Let me see; these go here, I guess. Why, of course they go here, among the other onions—or no, let me see; why these are apples! To be sure! To be sure!" Ah! there is one woman who has a good word for everyone's work. How whole-souled and generous she looks! She is one, anyway, who doesn't want all the prizes. Quite so, indeed, for she is a lady director—she doesn't exhibit. "It's easy to keep the castle that has never been stormed."

But soon all this is over, the doors are closed, and the judges are doing their bit of decorating. Next day, when the "results are out," and the suspense is ended, feeling doesn't run quite so high. Jack is here in very truth to-day, with newly-washed buggy and newly-waxed moustache, and Jill sits beside him, gay of garment, and radiant of face. Horses are pounding around the race-course, colts are whinnying, the air of "Maggie Murphy" screeches from the merry-go-round, small boys are blowing horns and whistles, a hundred voices seem calling: "This way! This way, gentlemen! Here's where you get the worth of your money!"

I suppose you all know how amusing it is to stand in a crowd and catch fragments of conversation. It is in the main building; we are once more beside the potatoes. "Och hone, Patrick, but its niver the loikes hev Oi seen since Oi came from Donegal; shure, an' their bether praties than Oi raised lasht year in me patch be the front dure." "Oh, Reggie, darling, what are those strange-looking objects? Oh, I know now; they're swans, of course! How stupid of me!" "Them's geese! My geese! And they should ha' got first prize! Them other common little creturs—" It's the "thin red line" woman; let us retreat. In the quilt department there hangs an exquisite creation of pink-and-cream. The shades remind one of strawberry-time, or the complexion of a sweet sixteen. It has a red ticket pinned to one corner. A woman stands before it. "My sister done it!" she says; "and it's called 'The serpent in the wilderness.'" She quilted every stitch herself, an' she done it all in three weeks, an' she paid twenty cents a yard for the pink an' eighteen for the cream. I haven't no time to be bothered with any such flumjumphry, but it's about all she's good for, fiddlin' away at such things." In all probability, she will stand there all afternoon, and every time you come around you will hear her say, "Yes, my sister done it, and it's called the 'Serpent in the wilderness.'" Near the quilts a lad and lass are inspecting some heavy mittens. "Eh my," says he, "but yon's braw knittin'! An' did ye dae a' that, Annie? Heck sirs, but ye'd mak a graun' wife till a mon."

Enough! Things are getting too serious in this corner. Away we go out across the grounds again! The air is growing chilly, the yellow trees have a misty look, and the faces that a few hours ago were so bright and expectant seem weary of the pageant and glad to turn homewards. In a little while the noise and clamor will have ceased, and the moon will come up, and there will remain only the peanut shells and the crumpled candy-bags and banana skins, and a few other odds-and-ends, and the "show" will be over for another year.

CHRYSOLITE.

He Remembered.

At a public dinner in New York one night the statement was made that the colored race had longer memories than white folk. Mark Twain, who was present, agreed with the remark and to prove it told the following:

"Some years ago, when South, I met an old colored man who claimed to have known George Washington. I asked him if he was in the boat when General Washington crossed the Delaware, and he instantly replied, 'Lor', massa, I steered dat boat."

"Well," said I, "do you remember when George took the hack at the cherry tree?"

"He looked worried for a minute and then, with a beaming smile, said:

"Why suah, massa, I dun drove dat hack mahself."

THE QUIET HOUR.

Helping Somewhere.

Thank God for the willing hands
That are honest, and brave, and true,
That lie not folded, but labor hard
To do what there is to do.
Rich gems of the world are they,
Where fancy is drowned in fact,
Where time is a thing in reality
And to live is to think and act.

Thank God for the willing hands
That pull at the load of care;
That lend themselves to a weaker friend,
And are eager everywhere;
Whose touch is a touch of gold,
That kindles not one regret,
Whose duty it is to toil along
And never a thing forget.

When somebody said to the child of a village doctor, "Do you know where your father is?" he answered, "I don't know, but he's helping somewhere." What a revelation of character is contained in those few words, Surely one of whom such words could be truly said, was trying to copy Him who went about doing good.

I have lately been studying the life of that wonderful missionary, St. Paul; and one little incident in his history struck me as very characteristic—showing his love of "helping." When those weary, shipwrecked men crowded round the welcome fire, kindled by the friendly islanders, it was not the hardy soldiers or sailors who gathered sticks to increase the blaze. No, it was the prisoner, who forgot his own drenched and exhausted condition, true to his instinct of helping whenever possible.

We all know people who can be depended on to "work their passage," as it is called. When they go to a picnic they do not sit down and expect everybody to wait on them, finding fault if everything is not perfectly managed, but like the great Apostle, they gather sticks for the fire, and do other little jobs their hands can find to do. No one need feel that his time is wasted if it is spent in doing good, and we can all help somewhere.

"Despise not thou small things;
The soul that longs for wings
To soar to some great height of sacrifice, too oft
Forgets the daily round,
Where the little cares abound,—
And shakes off little duties while she looks aloft."

But there is another kind of helping which is, even in our eyes, a grand and glorious thing. We are all called to come to the help of the Lord. To refuse this command is to be disloyal and rebellious to our King, who has a right to call His subjects to fight for him. "Curse ye Meroz, said the angel of the Lord; curse ye bitterly the inhabitants thereof; because they came not to the help of the Lord, to the help of the Lord against the mighty." God does not need our help, He can win the battle without us, but He allows us to help Him; and it is, or should be, a joyful privilege to be "laborers together with God." People are very apt to shirk this duty of active Christian work. They think, or try to think, that only those who are set apart as the ministers of God are bound to be missionaries. But every true Christian must try to pass on to others the light he has received. If you are making no effort to do this, if you are refusing to come "to the help of the Lord against the mighty," then do not let another day pass without some real missionary work. Prayer for the spiritual good of others is perhaps the best way of beginning this warfare, especially as no one can pray earnestly and persistently without lending a hand in other ways as well. We can easily say "Thy kingdom come"; but when we begin to pray it, necessity is laid upon us to help in strengthening and extending that kingdom. We can't escape responsibility in the matter, for everyone who hears and obeys Christ's call himself, is not a true disciple unless, like St. Andrew, he tries to draw at least one other to the Master he has found—"let him that heareth say, Come." John Wesley's advice is rather beyond us, perhaps, but at least we can make an attempt to follow it: "Do all the good you can, by all the means you can, in all the ways you can, in all the places you can, at all the times you can, to all the people you can, as long as ever you can."

Even showing one's color boldly, when occasion demands it, is sure to help somebody. The old woman who started out to attack the enemy, armed only with a poker, did not expect to help much; but, as she said, "I can show them which side I am on." One such brave recruit might inspire a great many more capable people, and so give far more help than she dreamed of. On the other hand, one who is ashamed to own his faith, afraid to confess his Master before men, does far more harm than he thinks he is doing. It was not without good reason that the Israelites were told to prepare for battle by saying to the army, "What man is there that is fearful and faint-hearted?—let him go and return into his house,

lest his brethren's heart faint as well as his heart."

Our orders are to bear our own burdens, and, as far as we can, other people's also. Are we doing this? Are we, like the good Samaritan, ready to help a neighbor whenever possible, even though it may be inconvenient; or, like the priest and Levite, do we pass on, satisfied to mind our own business only. Some one had said that she only minded her own business once, and then she was sorry for it; but that is going to an extreme the other way, isn't it? Let us try to steer between the two extremes, avoiding a meddling interest in our neighbor's concerns, but being always ready to lend a hand when needed.

"Friends, in this world of hurry,
And work, and sudden end,
If a thought comes quick of doing
A kindness to a friend,
Do it that very minute! Don't put it off—don't wait.
What's the use of doing a kindness, if you do it a
day too late?"

HOPE.

"Un Joyeux Chapitre."

(An amusing chapter.)

By the exceedingly jolly faces of these three holy men one may easily imagine that the book being read from is of a quality to correspond with their humor. The title is hidden, but that, after all, is of no consequence, for "What's in a name?" The faces are most expressive. The reader looks like a born comedian, and evidently revels in his work, while the slightly uncertain look on the face of the monk who is, apparently, a little hard of hearing, is capitally drawn. The unrestrained enjoyment of the portly father in the big chair shows that he certainly is not deaf, and knows a good joke when he hears it. The imposing rows of volumes on the shelves look very learned indeed, but we wonder whether they are all of a saintly character, or whether some of them also contain "un joyeux chapitre."

We hear of the Friars of Orders Gray.

And a jolly old monk was he;
But we'll back these three in this picture to-day,
To be each one as jolly as he.

Just look at the one who the chapter doth read,
At the one with his hand to his ear,
And the third who, doubtless of orthodox creed,
Seems a friend of good jokes and good cheer.

But let them laugh on in their sombre old room,
We will warrant their hearts are all right,
Human nature's not meant to live ever in gloom,
And a good monk may sometimes see light.

Power of Music.

There was a "block" among the teams in a prominent business street. A herd had been overturned, and several coal carts had been stopped by a load of lumber which, having succeeded in stationing itself across the thoroughfare, was unable to move farther.

Moreover, every man among those barricaded had lost his temper, and swearing was the order of the hour.

Suddenly, oh cheerful sound! a lively street band began to play, and the temper of the crowd changed as if by magic. The horses stood no longer in peril of dislocated necks, through the jerking and pulling of their irate drivers; the execrations ceased. Each man settled back in his cart to listen. After a Strauss waltz and a spirited march the band moved on, and then it became apparent that the audience had experienced a marvellous change.

"Will I give ye a lift, Mick" called one, the driver of the lumber cart, jumping down to put his shoulder to the wheel. "It's a big load ye've got."

"Throo for yez!" cried another, also lending a hand. "Pat, lave that baste of yours and show what you're good for!"

They pushed with a will, and the horses—who shall say that they did not work with redoubled vigor?—pulled with a will. The teams were started and everything went on as if nothing had happened.

"It's a foin band that," said one man as he drove on.

"Dade, an' it is!" cried another; and hardly a man among them but whistled, or tried to whistle, his own version of the tune.

An old man and a young man were riding in a stage coach. The old man was grave, but sprightly, short of stature, spare, with a smooth forehead, a fresh complexion, and a bright and piercing eye. The young man swore a great deal, until once, when they stopped to change horses, the old man said:

"I perceive by the registry books that you and I are going to travel together a long distance in this coach. I have a favor to ask of you. I am getting to be an old man, and if I should so far forget myself as to swear, you will oblige me if you will caution me about it."

The young man instantly apologized, and there was no more swearing heard from him that journey. The old man was—John Wesley.



My dear Guests,—

"Who is the artist that colors the trees,
And what are his paints and when does he work?
Does he ride around on the midnight breeze,
With paints in which rainbows and sunshine lurk?
And who tunes the breezes that laugh and sing,
And play their strange music on branch and vine,
Making the songs of the deep woodland ring,
And those of the meadow grass soft and fine?"

The harvest, the most bountiful for years, is long since safely stored; the fairs are over, and the golden stubble and verdant aftermath are rapidly disappearing, as the thrifty husbandman moves along with his plow. How the scenes around us change with every season, and who can say which is fairest?

When the first pale tint of green shows in springtime, and bursting buds reveal their hidden glory, when every tiny stream is swelling with importance and gaily chatters of itself and the marvels it has seen, then we think nothing can be fairer; but when bright summer arrives, with flowing emerald tresses and flower-decked head, we fell half-inclined to reverse our decision. Then stately autumn comes, with rosy orchards, luscious grapes, and marvellous artistic decorations, and we are impelled to exclaim, "Surely this season crowns all!" Is it not better so? Has it not been wisely ordained that each season should be replete with beauties peculiar to herself, and that thus instead of pining for glories past we may enjoy those of the present and have still an added joy in anticipation of the future? There may be, in the crowded marts of large cities, conditions which render excusable the spirit of pessimism; but when, among those who spend most of their lives in the open air, beneath the beautiful and ever-changing canopy of the sky, could dare to indulge such a feeling? And yet even here we find the pessimistic man, with his blue spectacles. If prices are high, he has nothing to sell; if the harvest be bounteous, he can get little or nothing for the surplus; and so on, until he times with his own sombre hue all with whom he comes in contact. Of what particular use in the world is the chronic grumbler is a

conundrum that might prove a "sticker" without the proverbial pot of mucilage.

A contest that would be within the capacity of almost all readers of the Chats has been promised, and appears below. The conundrums are all old and most of them familiar.

CONTEST, XXII.

Three prizes are offered for the best answers to riddles given below. Contestants will be divided as follows; Class I., those who are eighteen and over; Class II., fourteen and under eighteen years of age. One prize will be given in each class. Mark the class to which you belong, and send your answers to Pakenham, on or before Nov. 15th. In case of a tie, neatness, correctness of spelling, etc., will decide the winner.

CONUNDRUM CONTEST.

1. Why are the letter O & U the noisiest of all the vowels?
2. Why is a bad coin like something said in a whisper?
3. What is worse than "raining cats and dogs?"
4. What is better than presence of mind in a railway accident?
5. Why is the letter D like a ring?
6. What relation is the door-mat to the scrapper?
7. How many sticks go to the building of a crow's nest?
8. Which is heavier, the new or the full moon?
9. Why is an alligator the most deceitful of animals?
10. What is the key-note to good breeding?
11. What is the best thing to make in a hurry?
12. How would you make a thin man fat?
13. Why were Adam and Eve a grammatical anomaly?
14. Why does a donkey prefer thistles to oats?
15. Why did Adam bite the apple when Eve gave it to him?

Old and young have an equal chance this time, and I hope a large number will compete.

I trust that "Edith," who took part in a recent contest, will pardon the accident that caused her paper to be overlooked. It had been placed in a wrong pigeon-hole of my desk, and was unearthed but a few days ago. If "Edith" will favor us with another visit, we promise her a more courteous reception. THE HOSTESS.
Ingle Nook Chats, Pakenham, Ont.

Mr. Martin was talking at the dinner-table, in his usual clever manner, about the inconsistency of women. "These young ladies who protest that they are never going to marry!" he broke out. "Everybody knows that they will belie their own words at the very first opportunity." He paused, and evidently hoped that Mrs. Martin would come to the rescue of her sex; but that discreet woman held her tongue. "Why, Mary," he continued, "you remember how it was with yourself. I have heard you say more than once that you wouldn't marry the best man alive." "Well, I didn't," said Mrs. Martin.—[Tid-Bits.



"UN JOYEUX CHAPITRE."

THE CHILDREN'S CORNER.

Washing Day.

Hanging out the washing
Susy thinks great fun;
She has nearly finished,
Mother's just begun.

Dolly's clothes are snowy,
Washed and dipped in blue,
"Not a speck upon them,"
Proudly says our Sue.

Stick the pins in firmly,
For the wind might blow;
Hang the skirts and dresses
Neatly in a row.

The stool is rather shaky,
The line a trifle high,
But anyone can grumble—
It's easy, if you try.

The clothes will soon be ready
To sprinkle, fold and press,
Then busy little Susy
Her dearest doll will dress.

She's learning useful lessons,
For mother knows the way
To teach her little daughter
Good housekeeping in play.
COUSIN DOROTHY.

Volcanoes.

Volcanoes have been pretty busy lately, and I thought perhaps you might be interested in hearing about the famous eruption of Vesuvius, which buried so many people and houses nearly two thousand years ago. On the 24th of August, A. D. 79, a black column of dust, ashes and stones rushed out of the top of the mountain. The terrible shower soon buried the cities at its foot; and many of the people, who had not time to escape, were killed. Hundreds of years afterwards, some men were digging a well, and were greatly surprised to find themselves opening up a theatre which had once been filled by the people of Herculaneum. A great deal of digging has been done since, and whole streets in the city of Pompeii have been cleared. Among other places the old cemetery has been opened up. It was hardly needed when the whole city became a cemetery. In one house repairs had evidently been taking place, when all the work was suddenly stopped, as it was in the old story of the Sleeping Beauty. Workmen's tools, paint-pots and brushes were scattered about. It must have been baking day, for bread was found in the oven, where it had stayed about seventy hundred years. Like King Alfred, I am often careless enough to burn my cakes, but it is not often that bread is left in the oven as long as that, is it? It was decidedly black when it was taken out, but it was altogether too precious—and too hard—to be eaten, so it has been kept in a museum ever since. There was a nice little pig on a dish, waiting to be cooked; and a very patient little pig he must have been, to wait his turn in the oven so many hundred years.

There was a terrible volcanic eruption in Java rather more than a hundred years ago. The volcano was called Papandayang—see if you can pronounce that word—and it is said to have destroyed forty villages. There must have been an earthquake as well, for most of the mountain fell into a great hole in the ground, and the people were swallowed up, like Dathan and Abiram.

In New Zealand there are two volcanoes very close together, called Tongariro and Ruapahou. Long ago there was another mountain beside them—or, at least, the natives say so—and they were all very friendly, as giants should be, until the third mountain, Taranaki, tried to carry off the wife of Tongariro. This, very naturally, made our friend the mountain extremely angry; and he hit Taranaki a blow on the head which made him run away in a hurry. He slid down the river till he reached a lake, which is still called by his queer name and there he lives now, all alone. While he was hurrying away, two big pieces of rock fell off his forehead. I don't know whether the heavy blows of Tongariro had cracked his head, but the natives still show the two big chips of rock to prove the truth of their story—which you are not bound to believe, you know. The natives never dare to climb their hot-tempered mountain, for fear he might get angry and hit them, I suppose.

Talking about long names—and I have given you a good many to-day—did you ever hear why Fred disliked his grandmother? It hasn't anything to do with volcanoes, but you are probably tired of that subject, so perhaps it doesn't matter.

"I don't like grandma at all," said Fred,
"I don't like grandma at all,"
And he drew his face in a queer grimace—
The tears were ready to fall;
And he gave his kitten a loving hug,
And disturbed her nap on the soft, warm rug.

"Why, what has your grandma done?" I asked,
"To trouble the little boy?"
Oh, what has she done, the cruel one,
To scatter the smiles of joy?"
Through quivering lips the answer came,
"She—called—my—kitty—a—horrid—name."

"She did? Are you sure?" and I kissed the tears
Away from the eyelids wet.
"I can scarce believe that grandma would grieve
The feelings of either pet."
What did she say?" "Boo-hoo!" cried Fred,
"She—called—my—kitty—a—quadruped!"
COUSIN DOROTHY.

Travelling Notes.

MOLLIE'S SHARE IN SOME COLONIAL FESTIVITIES.

The Colonials who happened to be in England this summer were fortunate in having many entertainments provided for them apart from the usual round of London varieties, and in the majority of cases the Colonials fared better and received more favors than the English themselves. Lord Strathcona was particularly attentive to the Canadians, and apart from assisting people to get



"WASHING DAY."

seats in which to view the coronation procession and Kitchener's return, and cards of admittance into many interesting places, he provided many delightful entertainments himself, one, the best, being a garden party held at his country house at Knebworth, in Hertfordshire. Special trains were provided to convey the visitors from London, and St. Pancras, always a busy station for the North, presented an animated scene. A roadway leading to our carriages was formed by ropes on either side, and protected by policemen, and as we passed in and observed hundreds of people gazing at us who had congregated to see the pretty dresses, etc., we felt almost tempted to bow to the people as if we were royal personages ourselves. A run of twenty-five miles through a lovely country brought us to Knebworth station, where carriages were waiting to convey our party to the Park, two miles distant from it. Once inside the house, our several names were announced, and we were received by Lord and Lady Strathcona in a most cordial manner. After passing through the lower corridors, we strolled over the beautiful gardens, where we met and spoke with a number of friends, enjoyed the band, which played chiefly Canadian airs, went into the large marquee and were served with refreshments from a very bountiful table. Then a gentleman and his wife, whom I had last met in San Francisco, asked me to go over the house with them. Knebworth belongs to the Lyttons, and has been in their family for hundreds of years. It is one of the show places of England, being only temporarily leased by Lord Strathcona. The splendid castle, the antique

furniture, the beds in which royalty had slept, and the gifts of our late dear Queen, the library, the curios and works of art collected for hundreds of years, formed a museum in itself, and the two hours we spent in looking at them went all too quickly. Then followed farewells, a merry packing into the carriages for the station, to return again by special train to London, and thus ended a delightful experience for our loyal, happy party of Canadians. The gentleman who sat beside me on the return journey was Sir John Cockburn, formerly Premier of South Australia, and as he had been over Canada, and I over Australia, we both, I think, enjoyed the friendly discussion which came of each of us extolling the respective merits of our own native land, and making sly little allusions to the weak spots which neither admitted to be "the beam in our own eye," all in a good-natured and amusing way enough. Sir John knew quite well my dear uncle (now deceased) whom I had visited in Australia three years ago. Thus it is that, as I am constantly meeting people whom perhaps I have met somewhere before, or who have known some one I too have known, I am willing to believe in the old, well-known axiom, that after all the world is very small.

I began by telling you of entertainments the Canadians had in England this summer, but I cannot pretend to enumerate them all. Sir Wilfrid and Lady Laurier, on behalf of the Canadian Government, gave several of these, one a delightful reception and dance at the Hotel Cecil. There was also a reception given at the Mansion House, by the Lord Mayor and Lady Mayoress, to all Colonials. This was especially interesting, for one met as fellow-guests those of all colors and castes: Indian princes and princesses, in the peculiar dress of the East; English lords and ladies mixed up with good Canadian, Australian and New Zealand farmers, with their wives and daughters. Perhaps they might have been a trifle more uncouth in outward appearance, but of sturdy make and carrying on their faces a guarantee of reliability and stability of purpose, the best kind of a backbone for nature's aristocracy. Upon our arrival at the Mansion House we were asked by a powdered-haired, liveried footman to sign our names in a book at the entrance. We were then conducted upstairs by another equally grand footman. There we left our cards, when another gorgeous flunky led the way to a room where stood the Lord Mayor and Lady Mayoress, who shook hands with each one as we passed onwards, our names having been announced by footman number four. Having survived these several ordeals, we were quite ready for the cup of tea offered. We looked at the grand official regalia, and the Lord Mayor's mace, etc., etc.; listened to the band rendering sweet music, as well as to the occasional bits of conversation of some of those around us. It might have been mere persiflage, but it sounded droll to downright Mollie to hear a lady introduce "Lord So-and-So" to "Lady So-and-So," assuring her that "a party was never complete without the aforesaid 'Lord So-and-So,'" my inmost thoughts being that, judging from appearances, a man so inane would never be missed at all.

Perhaps one of my greatest privileges, lately, has been that of being shown over Hatfield House, the residence of Lord Salisbury. It is truly a most magnificent place. Hatfield was built by the Cecils, and has been in their family for more than three hundred years. Now there are only three left in the old home, viz., Lord Salisbury, his daughter, Lady Gwendolin, and his son, Lord Hugh Cecil, but the week-end generally brings all the married sons and daughters, with their children, to the old home, and often the party numbering thirty or forty, so one can imagine what a staff of servants must be kept. Besides these family gatherings, a man in Lord Salisbury's position is called upon to entertain a great deal, so we were told by the attendant who showed us over the place. "Mr. Balfour always prefers this room," "Lord Kitchener slept in this room last week," etc., etc. Then there was the late Queen's room, with a huge crown hanging over her head when she lay down to sleep, and her grass drive between two rows of beautiful lime trees. We saw also King James II.'s room, the Wellington room, and many others which had been occupied by notables, and, of course, the drawing-rooms, library, winter and summer dining-rooms, the long marble hall, the grand staircase, the pictures, the China, the carved woods, and the tapestries; but to do justice to each would require a whole column for itself, which is more than the "Advocate" can spare to it. Of the public life of that man of brains, Lord Salisbury, much is known, but perhaps few know anything of the home life, which cannot be without its influence upon the former. He is a most considerate master to his servants and to all his dependants, and these, with the members of his family, are expected to gather for a short service every morning at 9.30 in the dear little private chapel at Hatfield. Daily duties begun by their consecration to God in the home are a guarantee that His daily blessing will be bestowed, whether they be in private or public service.
MOLLIE.

FARM GOSSIP.

Every reader is invited to write something for this department that other farmers ought to know. Do it while you think of it. Put it on a post card if you haven't time to put it in a letter.

Our Premiums.

The reader's attention is directed to the splendid list of premiums announced on pages 738A and 738B, of this issue, given to our subscribers for sending us new subscriptions to the "Farmer's Advocate." Among the noteworthy are the Farmer's Knife, Collie Dogs, "The Big Four" Pictures, Curb-link Bracelet, Microscopes, Watches, Books for the farmer's library, and the celebrated Bagster's Teacher's Bible. In consequence of the recent increase in postal rates, that on books being doubled, we are now unable to offer this Bible for two new subscribers, as formerly. Hereafter three new subscribers must be secured. The small effort required to obtain these for so good and popular a paper as the "Farmer's Advocate" makes it still a "bargain," for such Bibles cannot be purchased anywhere for less than \$3.00 cash. Notice also the changes made in number of new subscriptions required to obtain books offered for farm library. Look up the Premium announcement, and begin to canvass at once. You may offer the balance of this year and all of 1903 for \$1.00.

Conference of Plant Breeders.

Hon. Sydney Fisher, Minister of Agriculture, has chosen Dr. Wm. Saunders, Director of the Experimental Farms, to represent the Dominion Department of Agriculture at the International Conference on Plant Breeding and Hybridization, to be held in New York on Sept. 30th and Oct. 1st and 2nd. The conference is under the auspices of the New York Horticultural Society, and the meetings are to be in the rooms of the American Institute. Representatives will be present from Great Britain, France, Holland, Austria and West Indies. The U. S. Department of Agriculture and many experiment stations will be represented. Dr. Saunders will be accompanied by Mr. W. T. Macoun and Dr. C. E. Saunders, both of whom have rendered much valuable assistance in connection with the many experiments which have been conducted in the crossing and hybridizing of grain and fruits at the Experimental Farm for many years past. The Canadian representatives will present the following papers: "Results of Hybridization and Plant Breeding in Canada," Dr. Wm. Saunders; "Notes on the Breeding of Peas and Beans," Mr. W. T. Macoun; and "Study of the Variations in the Second Generation of Barberis Hybrids," Dr. C. E. Saunders.

Look Out for Hog Cholera.

It is greatly to be regretted that hog cholera has gained such a foothold in certain parts of Ontario. During last week, at least 500 hogs were slaughtered by the Provincial Veterinary Inspector in Kent and Essex counties. It therefore behooves those whose farms are free from this loathsome disease to be ever on the alert, and when suspicious symptoms are shown, to call in one capable of diagnosing the case. The common indications are an increased temperature, inability to stand cold, causing the animals to bury themselves in the litter, from which they are driven with reluctance. Red blotches appear on the thighs, belly, neck and pubis, and later turn to purple. There is generally, but not always, a cough, which becomes worse if the animals be moved. When they attempt to walk, a staggering, tottering gait is shown, and death ensues in from 12 hours to 2 weeks. It must not be forgotten, however, that in adult pigs the symptoms are variable, and often, not well defined. Some of the best experts are depending on post-mortem examination for guidance in slaughtering and valuating diseased herds.

W. N. Hutt, B. S. A., Goes to Utah.

Mr. W. N. Hutt, B. S. A., South End, Ont., who for some time has had charge of the Provincial Government Fumigation of Nurseries, has lately been appointed Professor of Horticulture in the Utah State Agricultural College. He graduated from the Ontario Agricultural College in 1899, and is a brother of Prof. Hutt, of the same institution. Mr. Percy W. Hodgetts, B. S. A., fellow in horticulture at the Guelph College, has been appointed to the position just made vacant, and will commence duties at once.

Death of Rev. W. F. Clarke.

We regret to announce the sudden death, last week, of Rev. W. F. Clarke, the well-known agricultural writer, at Guelph, Ont. Deceased was one of the Royal Commission which led to the founding of the Ontario Agricultural College.

Poisoned Cattle.

Inspector Wm. Stubbs, V. S., reports that the cattle which have been dying near Owen Sound were poisoned by eating deadly nightshade by the roadsides.

Sherbrooke Fair.

One of the best managed and most interesting agricultural exhibitions in the Dominion is that held at Sherbrooke, Quebec. It is liberally patronized by exhibitors and the public, and is doing excellent work in stimulating the improvement of live stock and farming generally. The show this year was held Sept. 1st to 5th, and was favored with fine weather and a large attendance of visitors. The list of exhibitors in the horse department is too long for the space at our disposal, but it was a strong show, all classes being well represented. The cattle classes were well filled and there was keen competition in nearly all the breeds. In Shorthorns, the fine herd of Hon. M. H. Cochrane won most of the first prizes, including the sweepstakes and herd prizes; H. J. Elliot being second for aged herd and H. W. Burton second for young herd. Other prizewinners were: P. C. Parker, J. Scholes, W. H. Fuller and A. E. Main. Herefords were well shown by H. D. Smith, Compton, who won the sweepstakes and herd prizes, while P. H. Wilson, Moe's River, captured a fair share of the prizes. Other winners were A. B. Spafford and E. L. Harter. Aberdeen-Angus cattle were shown by P. H. Wilson, F. Burton, A. G. Spafford and E. L. Barter, among whom the prizes were divided. Ayrshires made a strong display, as is usual here. The principal exhibitors were R. R. Ness, Isaleigh Grange Farm, Howick; P. A. Gouin, T. D. McCallum and J. W. Logan. Ness won the sweepstakes for best bull and the two herd prizes. The first prize for cow and yearling bull and heifer, the sweepstakes for best female and second for young herd went to Isaleigh Grange Farm. The second prize for aged herd was won by J. W. Logan. Holsteins were well represented by entries from the herds of W. W. Brown, Lyn; O. Sweet, J. M. Montle, A. W. Bradley, L. U. Riche and C. E. Baker & Son. Brown won most of the first prizes, including the sweepstakes for female and the two herd prizes. Sweet had the sweepstakes bull and second prize young herd, Montle being second for aged herd. Jerseys were out in good force, the exhibitors being E. P. Ball, R. H. Pope, Rushton Farm, W. H. Martin. E. P. Ball had the sweepstakes bull and first-prize young herd. Rushton Farm had the 1st and 2nd prize cows, sweepstakes female and first-prize aged herd. Guernseys were shown by Hon. S. Fisher, Isaleigh Grange Farm, Rushton Farm and R. H. Pope. Isaleigh Grange had the sweepstakes bull and first-prize aged herd. Mr. Fisher had the sweepstakes female and first-prize young herd. Pure-bred Canadian cattle, or Quebec Jerseys, were well shown by A. Denis, L. Thouin and L. P. Sylvestre. Denis won sweepstakes for bull, first for cow and first for both herds. Thouin had the sweepstakes female. Sheep and pigs, poultry, dairy and agricultural products were well shown.

Berlin Beet-Sugar Factory Opening.

Berlin, Ont., is familiarly known throughout Canada as "Busy Berlin." No one who has not visited this German City of Canada can form any idea of the number and variety of its industries. There are fifty-six manufacturing establishments, which turn out almost everything from a button to an engine. These factories send out travellers that cover the ground from ocean to ocean. The latest acquisition to the town is the big 600-ton beet-sugar refinery, erected by the Ontario Sugar Co. The buildings and machinery are being put up by E. H. Dyer & Co., of Cleveland, at a cost of \$600,000, and will be slicing beets about Oct. 4th. No sugar factory in America has started under more favorable auspices. The town has given a bonus of \$25,000 and certain exemptions, and the farmers have 4,750 acres of as fine a crop as may be seen on the continent. Many fields of 15 to 25 acres will average 18 to 20 tons to the acre, and there is not a farmer but will increase his acreage for 1903. The citizens of the town are uniting with the agricultural society in having a grand celebration on Oct. 9th and 10th, when the refinery will be formally opened, also the electric railway to Preston. Waterloo county is known far and near for its progressive farmers, and a special effort is being made to make the exhibition of 1902 a provincial beater, especially in the horse classes. On these dates there will be an exhibition at the refinery farm of pitting and lifting beets. All farmers are cordially invited to visit the refinery on these dates. Single fare, good for four days.

MARKETS.

British Cattle Markets.

London, Sept. 29.—Choice American cattle, 7½d; sheep, 5½d. Choice Canadian cattle, 6½d; sheep, 5½d. London, Sept. 30.—(Special)—To-day, cattle are quoted at from 12 to 13½c per lb. (dressed weight); refrigerator beef is quoted at from 12 to 13c per lb. Liverpool, Sept. 29.—Choice Canadian cattle, 6d; sheep, 5½d. Trade bad.

Montreal Markets.

Montreal, Sept. 29.—700 head of butchers' cattle, 50 calves and 1,200 sheep and lambs offered. Trade in cattle was very dull; a few of the best sold from 4½c to 4½c per lb.; pretty good animals, 3½c to 4c, and common stock, 2c to 3c. Small bulls, 1½c to 2c. Calves sold at from \$3 to \$12 each, or from 3½c to 5½c per lb. Sheep sold at from 2½c to 3½c, and lambs at 3½c to 3½c per lb. Good lots of fat hogs sold at from 6½c to 6½c per lb., weighed off the cars.

Toronto Markets.

In sympathy with the decline in Old Country markets prices have fallen off here, and as a result business is dull and heavy. The weekly receipts still continue to increase, and some fair quality is being offered. Sellers, however, have been averse to making deals at the low prices which buyers are able to offer.

EXPORT CATTLE.—Depressing news comes from over the water, and space in the boats is scarce, prices are consequently lower, \$5.25 being the height, the bulk being sold much below this figure.

FEEDERS AND STOCKERS sold very well. Several loads in good condition came in from Manitoba, and went as high as \$4.25. There was a demand for extra good ones, but such were scarce.

BUTCHERS' CATTLE of all grades are somewhat easier. The choice, heavy, well-finished lots are being taken for export, which helps to maintain the price in general. Those equal in quality to export cattle and weighing 1,075 lbs. are selling at from \$4.65 to \$5, while good stuff is going at \$3.50 to \$4.

SHEEP AND LAMBS.—The run has been rather light, and in consequence everything was sold. Export ewes are quoted at 10c. lower, at from \$3.40 to \$3.50 per cwt., with spring lambs running at \$3 to \$3.50 each.

CALVES.—Good veals are scarce, and the demand is good at prices ranging from \$3 to \$10.

MILCH COWS.—Few good ones are being offered. Ordinary milkers selling at \$32 to \$50 per head.

HOGS.—Reports from the country seem to indicate an increased supply over last year, although so far the receipts have been small. Prices have, nevertheless, taken a drop of 25c. per cwt., and the probability is they will go lower yet. Selects are worth \$6.75; light and fat stuff about \$6.50. A good deal of anxiety is being felt concerning the outbreak of hog cholera in the Chatham district.

GRAIN AND PRODUCE.

Wheat—Six hundred bushels of white sold at 69 to 69½c. per bushel. One thousand bushels red at 69c. Five hundred bushels goose at 62 to 63c.

Barley—Eight hundred bushels sold at 42 to 44½c. Oats—Two thousand bushels sold at 32c.

Hay—About thirty loads were offered, most of which was of poor quality. Timothy sold at \$12 to \$16 and clover \$6 to \$8 per ton.

Straw—A few loads sold at \$10 to \$11 per ton.

Potatoes.—There was quite a scare amongst dealers and many loads were purchased last week at \$1.25 per bag, but owing to increased supplies, the market has fallen again to 75c.

MARKET NOTES.

About a year ago, the "Farmer's Advocate" showed the imperative necessity for greater cattle market facilities in Toronto. The offerings last week overflowed into the annex and many complaints were expressed of the inadequate accommodation. It is almost impossible to weigh, in any reasonable amount of time, the number of cattle now offered each market day. The present scale should be enlarged, or what would be of more service, a second scale located at the center of the yard, large enough to hold two or three loads of cattle at one weighing. Should the present large offerings be kept up, the market will be again overcrowded during the coming season. The alderman who deserves the best thanks of the cattle dealers is W. O. B. Shepherd, for his efforts in the direction of the cattle market improvements. The new bank and offices for the benefit of the patrons at the market are now finished, but at present writing, unoccupied.

Mr. Andrew Webb, a butcher, of Liverpool, in one of the largest wholesale firms of butchers, was on the market and gave his views with regard to wasteful methods of Canadian butchers. One statement that is entirely at variance with facts is that we lose \$3,000,000 per annum in offal alone. One month in any average butcher's shop, either in Toronto or any town, would convince him that he has, like a good many self-opinionated men, something to learn about the business as carried on in Canada.

Buffalo Markets.

Buffalo, Oct. 1.—Cattle—Nothing doing; tendency lower; veals strong; tops \$8 to \$8.25; common to good, \$5.50 to \$7.75. Hogs—Heavy, \$7.35 to \$7.50; medium, \$7.15 to \$7.30; Yorkers, \$6.90 to \$7; light Yorkers, \$6.70 to \$6.80; pigs, \$6.50 to \$6.60; roughs, \$6 to \$6.40; stags, \$5 to \$5.50; grassers, \$6.50 to \$6.75; dairies, \$6.75 to \$7. Sheep and lambs—Top lambs, \$5.25 to \$5.40; culls to good, \$4 to \$4.50; yearlings, \$4 to \$4.50; ewes, \$3.50 to \$4; sheep, top mixed, \$3.75 to \$4; culls to good, \$1.75 to \$3.65.

Chicago Markets.

Chicago, Oct. 1.—Cattle—Good to prime steers, \$7.50 to \$8.40; poor to medium \$4 to \$7; stockers and feeders, \$2.25 to \$4.50; heifers, \$2.25 to \$5.50; bulls, \$2.25 to \$4.75; calves, \$3.50 to \$7; western steers, \$3.75 to \$5.70. Hogs—Mixed and butchers', \$7.05 to \$7.50; good to choice heavy, \$7.20 to \$7.75; rough heavy, \$6.60 to \$7.10; light, \$7 to \$7.45. Sheep—Good to choice weathers, \$3.25 to \$4; fair to choice mixed, \$2.25 to \$3.50; native lambs, \$3.50 to \$5.25.

Thanksgiving Day.

Thanksgiving Day in Canada will be observed on Thursday, Oct. 16th.

Prize List, Toronto Exhibition, 1902.

HORSES.

THOROUGHBRED.—(Judge—C. J. Enright, Lexington, Ky.)—Stallion, 4 years old and upwards—1 Robt Davies, Toronto (Kapanga Colt); 2 Wm Hendrie, Hamilton (Derwentwater, imp.); 3 S P Thompson, Woodstock (Dogtown). Stallion, 4 years old and upwards, best calculated to produce hunters and saddle horses—1 Quinn Bros., Brampton (Woodburn); 2 Mossip & Waugh, Thorncliffe (Temple). Stallion, 3 years old—1 W J Thompson, Hamilton (Dunrobin 20923); 2 Thos E Brandon, Toronto (Oceanic). Stallion, 2 years old—John Brennan, Toronto (Jack Britt); 3 Jas Reesor, Cannington (John Festival). Stallion, 1 year old—1 J Gordon Barbour, Toronto (Bill of the Play); 2 Milton Strong, Willowdale (Joseph Festival). Stallion any age—1 R Davies (Kapanga Colt). Filly, 3 years old—1 Arthur A Reinhardt, Toronto (Anticosti 20926); 2 Patterson Bros., Coleman (Golden Crest); 3 B J Brandon, Toronto (Lady-smith 2nd). Filly, 2 years old—1 Wm Hendrie, Hamilton (Love Token); 2 Robt Davies (Centre Star); 3 Claughton & Ward, Utica (Maud Miller). Filly, 1 year old—1 Robt Davies; 2 Wm Hendrie (Fire Water); 3 Robt Davies (Loupania 2992). Brood mare, with foal of the same breed by her side—1 Wm Hendrie (Spark); 2 Robt Davies, (Thistle); 3 Robt Davies (Zeal 1893). Foal of 1902—1 Robt Davies (Scotch Cap); 2 R. Davies, (Capercaillie); 3 Wm Hendrie. Best mare any age—1 Wm Hendrie (Love Token).

ROADSTERS.—(Judges—Geo. D. McCormick, London; J. F. Quinn, V. S., Brampton; John Harris, Woodbridge.)—Stallion, 4 years old and upwards, not less than 15 hands—1 A C McMillan, Erin (Ren Wilkes 14935); 2 Graham, Paxton & Callcott, Port Perry (Penville Boy 24885); 3 G W Langs, Round Plains (Joe Chamberlain); 4 H R Dymont, Dundas (Perfection). Stallion, 3 years old—1 Claughton & Ward (Glitter); 2 Wm G Ellis, Bedford Park (Knockaloe); 3 Aleck Clarke, Brinston's Corners (Alcone). Stallion, 2 years old—1 Moses R Hemingway, Unionville (Deacon Junior); 2 Frank Forest, M. D., Uxbridge; 3 Hodgkinson & Tisdale, Beaver-ton (Reflection). Stallion, 1 year old—1 M E Mitchell, Brampton (Gold Leaf); 2 Miss K L Wilkes, Galt (Rex); 3 H N Crossley, Rosseau (Royalty); 4 Fuller Bros., Norval (Golden Crown 2nd). Stallion any age—A. C. McMillan (Ren Wilkes). Filly, 3 years old—Boucher Bros., Huttonville (Flossie); 2 G. W. Curtis, Lindsay (Nellie Keswick); 3 John Morrell, Marden (Topsy). Filly, 2 years old—1 David J Adams, Port Perry (Kate); 2 Boucher Bros. (Mabel); 3 Alex MacLaren, Buckingham. Filly, 1 year old—Morris & Wellington, Fonthill (Gold Dust); 2 J H Dickinson, North Glanford (Rosewood). Brood mare, with foal of the same breed by her side—1 Geo. T. Elder, Elder's Mills (Miss McCarthy); 2 Dr. B Gollop, Milton West (Kate Black); 3 Albert McCutcheon, Ospringe (Maud); 4 W T Tilt, Derry West (Ida Hamilton). Foal of 1902—1 Fuller Bros., Norval (Fanny); 2 J S Cole, Woodstock (Wildwood Brino); 3 Alex MacLaren (Larabie Chief). Stallion, any age—(Larabie the Great). Filly, 3 years old—1 W A Collins, Hamilton (Mary Scott); 2 Milton Strong, Willowdale (Minnie Ada); 3 G W Kennedy (Princess K). Filly, 2 years old—1 T L Martin, Binbrook; 2 A F Hillock, Brampton (Hickory May); 3 J E Cornell, Toronto (Deborah). Brood mare, with foal of same breed by her side—1 Jas Tovell, Guelph (Leora Wright); 2 Miss K L Wilkes, Galt (Ora Fino); 3 Robt Davies (Belle of Chester). Foal of 1902—1 Geo W Kennedy (Duchess K); 2 Robt Davies (Earl of Chester); 3 Miss K L Wilkes (Aradell). Mare any age—1 Alex MacLaren, Buckingham (Eagle Bess).

CARRIAGE AND COACH HORSES.—(Judges—Geo B Hulme, New York; R Gibson, Delaware.)—Stallion, 4 years old and upwards, 16 hands and over—1 Bawden & McDonnell, Exeter (Clerkenwell); 2 J L Reid, Derry West (Lord Roberts); 3 W N Scott, Milton (Performer). Stallion, 3 years old—1 J L Reid (General Buller); 2 John Robinson (Erie). Stallion, 2 years old—1 J L Reid (Lord Kitchener); 2 R T Wood, Etobicoke (Davy Candidate); 3 Frank Forest, M. D. (Uxbridge). Stallion, any age—Bawden & McDonnell (Clerkenwell). Filly, 3 years

old—1 Crow & Murray, Toronto (Diana); 2 Slack & Hendrie, St. Mary's (Topsy); 3 John McArthur, Erie (Polly); 4 Hodgkinson & Tisdale, Beaver-ton (Nellie). Filly, 2 years old—1 David Mulholland, Bedford Park (Bessie); 2 A F Hillock, Brampton (Lucy); 3 W N Scott, Milton (Beauty). Filly, 1 year old—1 W N Scott (Maud); 2 Geo Castle, Milton (G Castle); 3 W C Brown, Meadowvale (Jessie). Brood mare, 16 hands and over, with foal of same breed by her side—1 J W Bessey, Georgetown (Florey K); 2 G A Bennett & Sons, Carlisle (Nellie); 3 W C Brown (Princess Royal). Foal of 1902—1 J W Bessey (Lady Lugton); 2 Miss K L Wilkes (Basilwood); 3 J L Reid (King Edward VII).

HACKNEYS.—(Judges—Geo B Hulme, New York, and Richard Gibson, Delaware.)—Stallion, four years old and upwards—1 Bawden & McDonnell (Connaught's Heir (imp) 116); 2 Graham Bros, Claremont (Attraction); 3 Bawden & McDonnell (Buller, imp). Stallion, 3 years old—1 Robt Ness, Howick, Que. (Bally Garton); 2 Hastings Bros, Crosshill (Guelph Performer 89). Stallion, 2 years old—1 Robt Davies (Thorncliffe Performer); 2 Graham Bros (All Fours); 3 Graham Bros (Lord Brilliant). Stallion, 1 year old—1 T A Cox, Brantford (Jubilee Performer); 2 Graham Bros (Storm King). Sweepstakes stallion, any age—Bawden & McDonnell's Connaught's Heir. Filly, 2 years old—1 H N Crossley, Rosseau, Que (Queen of the Party). Brood mare, with foal of the same breed by her side—1 H N Crossley (Althorpe Countess); 2 Robt Davies, Toronto (Danish Lady); 3 Graham Bros, Claremont (Beautiful Nell). Foal of 1902—1 Robt Davies (Squire of Chester); 2 H N Crossley (Rickell's Heiress); 3 Graham Bros (Leading Lady). Mare any age—H N Crossley, Rosseau (Queen of the Party).

CLYDESDALES.—Stallion, 4 years old and upwards—1 Rickmond Hill Bros, Breeders' Association (Young Macqueen); 2 Graham Bros (Burnbrae); 3 Wm Colquhoun, Mitchell (Peerless); 4 Geo Clayton, Peapabun (Scottish Celt). Stallion, 3 years old—1 Wm Colquhoun (Prince Fragrant, imp); 2 Graham Bros (Claremont (Bucephalus, imp); 3 T Rafter, Jr, Arthur (Canada's Pride, imp); 4 Robt Ness (Laurentian 2954). Stallion, 2 years old—1 Dalgety Bros (London, Fidelity (imp); 2 Dalgety Bros (Mosstrooper Champion (imp); 3 Bawden & McDonnell (Golden Charm). Stallion, 1 year old—1 John W Cowie, Markham (Alexander Macqueen); 2 Robert Davies (Brave Washop); 3 John Miller & Sons, Brougham (Royal Charger). Stallion, any age—Young Macqueen. Filly, 3 years old—1 R Davies (Nelly Lynedoch). Filly, 2 years old—1 Hodgkinson & Tisdale, Beaver-ton (Royal Queen); 2 Bawden & McDonnell; 3 Robt Davies (Princess Royal (3552). Filly, 1 year old—1 Robt Davies (Starlin (3571); 2 Hodgkinson & Tisdale (Mrs Perry); 3 Wm Rae, St Paul's Station (Gipsy Queen (3543). Brood mare, with foal of same breed by her side—1 Hodgkinson & Tisdale (Royal Princess); 2 Robt Davies (Queen Bell); 3 John W Cowie (Nellie Rosewood (3486); 4 Robt Davies, Toronto (Truth (2604). Foal of 1902—1 Hodgkinson & Tisdale (Helen Macqueen); 2 John Cowie (Scotland's Glory); 3 Robt Davies (Belle Troon). Mare with two of her progeny—Hodgkinson & Tisdale. Best mate, any age—Graham Bros.

ENGLISH SHIRES.—(Judges—J O H Bright, Myrtle, and J T Gibson, Denfield.)—Stallion, 4 years old and upwards—1 Bawden & McDonnell (Belshazzar (imp). Stallion, 3 years old—1 J M Gardhouse (Newham Duke (imp); 2 E A King, Crediton (Milo 2nd). Stallion, 2 years old—1 Morris & Wellington (Rose). Filly, 2 years old—1 Morris & Wellington (Moultin Marianne (imp) (1644); 2 Morris & Wellington (Birdie). Filly, 1 year old—1 Morris & Wellington (Lancashire Lass). Brood mare, with foal of same breed by her side—1 J M Gardhouse (Laura); 2 Morris & Wellington (Leila); 3 S C Wood (Nelly Baw 122). Foal of 1902—1 Morris & Wellington (Bella Marr 166); 2 S C Wood (Bairden Boy—not recorded); 3 John Gardhouse (Prude of Highfield). Mare, with two of her progeny—S C Wood (Hensall). Best mare any age—Jno Gardhouse, Highfield (Laura).

HEAVY DRAFT.—(Judges—E W Charlton, Duncreef; Peter Christie, Manchester.)—Stallion, 4 years old and upwards—1 I Devitt & Son, Freeman (Nickel Steel). Stallion, 3 years old—1 Graham Bros, Bayou (London); 2 P McPhaden, Cresswell (Grand Chance); 3 John Miller & Sons (Black Diamond). Stallion, 2 years old—1 H C Grandy, Springville (McKinley); 2 John Miller & Sons (Royal McQueen); 3 Graham Bros (Earl of Erie). Stallion, 1 year old—1 Morris & Wellington (Vulcan Jr.); 2 G Davison (Cherrywood MacCara); 3 John W Cowie (Macqueen's Best). Gelding or mare, 4 years old or over—1 Graham Bros (King Boss); 2 T A Murray, Bennington (Lacknow); 3 D A Murray (McKillop). Stallion, any age—B C Grandy, Springville (McKinley). Filly, 3 years old—1 Hodgkinson & Tisdale (Royal Chari 2855); 2 Andrew Aitchison, Guelph (Queen Bess); 3 Andrew Aitchison (Pess). Filly, 2 years old—1 John Vinograd, Brooklin (Maud); 2 Hodgkinson & Tisdale (Royal Bell 2816); 3 Colin Cameron, Etobicoke (Jessie James). Filly, 1 year old—1 Hodgkinson & Tis-

IMPORTANT DISPERSION SALE OF REGISTERED Shorthorn Cattle, Clydesdale Horses and Leicester Sheep

ON WEDNESDAY, OCTOBER 22ND, 1902.

Having lost all my barns and stabling by fire, I will sell at auction on the above date, at my farm, "Hayne Barton," four miles from Clinton, G. T. R., and two miles from Londesborough station on the London and Wingham branch, my entire herd of

28 HEAD OF SHORTHORNS

20 females and 8 bulls, including the superior Scotch-bred bull, Star of Morning = 31879=, winner of first prize at Western Fair, London, and reserve for sweepstakes. The herd is noted for its thick flesh and superior milking qualities, and only first-class bulls have been used for thirty years. A grand lot of young cows in calf or with calves at foot are in the herd. The splendid five-year-old Clyde stallion, *Brave Boy* 2862, bred from imported sire and dam, will be sold, also a capital two-year-old registered Clyde filly. And the entire flock of 50 head of high-class Leicester sheep—rams, ewes and lambs—one of the very best flocks in America. Sale to commence at one o'clock. Catalogues mailed on application.

JAMES SNELL, CLINTON, ONTARIO.

CAPT. T. E. ROBSON, AUCTIONEER.

IMPORTANT COMBINATION DISPERSAL SALE OF 40 HEAD OF REGISTERED

Jersey Cattle

THE ENTIRE HERDS BELONGING TO

W. G. LAIDLAW, WILTON GROVE, & MRS. D. L. WHITE, LONDON, ONT.

To be sold by auction, without reserve, at "Ettrick" farm, the home of Mr. Laidlaw, one mile from Westminster station on the London and Port Stanley Railway, and six miles from the City of London, on

Wednesday, October 29th, 1902.

The herds comprise 34 cows and heifers, 17 of which are milking, and 6 bulls, including the richly-bred and high-class St. Lambert bull, King of Beechlands 53996, grandson of Adelaide of St. Lambert, who holds the world's record of the breed for milk production. Among the females is the handsome imported four-year-old Island-bred cow, Uncle Peter's Columbine 146299, a model of the breed, and a deep milker. Also the sweepstakes female at London last year, and the second-prize cow at the Western Fair, London, 1902, and several other prizewinners at this and former Western Fairs. The cattle in these herds combine beauty and utility in high degree, and the owners are confident that no better collection of Jerseys has ever been offered at public sale in Canada. Catalogues will be sent on application.

SALE TO COMMENCE AT 1 O'CLOCK SHARP.
Catalogue ready about October 15th. Apply to Mrs. D. L. White, 91 Mt. Pleasant Ave., London, Ont.
Col. D. L. Perry, Auctioneer.

DISPERSION AUCTION SALE

27 EWES REGISTERED SHROPSHIRE SHEEP 21 RAMS

MONDAY, OCTOBER 13TH, 1902.

This flock has been shown at the local fairs for the last three years, and have won their share of prizes—they won 19 firsts at five fairs in 1901. Flock consists of ram, three shears, bred by Mrs. J. W. Robinson; two-shear ram (imp.), bred by Wm Thomas; 2 two-shear rams, home bred; 2 shearing rams, home bred; 15 ram lambs; 17 breeding ewes, 5 shearing ewes, by imp. ram, and 5 ewe lambs. Flock is in excellent condition. Farm is about 10 minutes' walk from Streetsville Jct., C. P. R., 22 miles west of Toronto. Trains arrive from east 8 41 a. m.; north, 10 50 a. m.; west, 11 30 a. m. Trains leave for west 5 p. m.; north, 6 p. m.; east, 8 45 p. m. Lunch at noon. Sale to commence at 2 sharp.

JOHN SMITH, M. P. P., Auctioneer. o N. W. SWITZER, Streetsville, Ont.

AUCTION SALE

OF VALUABLE FARM, FARM STOCK AND IMPLEMENTS.

The undersigned has received instructions from Geo. B. Phin to sell by public auction, on lot 13, con. 3, Township of Waterloo, County of Waterloo, one-half mile north of the town of Hespeler, at 12 o'clock noon, on OCTOBER 22ND, the valuable property known as "The Grange Farm," containing 115 acres, more or less, subject to a reserve bid. On this property are two brick dwellings, a bank barn, horse stable, pigpen, henhouse, ice-house, and work-hop; 14 acres of hardwood and 15 acres of good mamp; also four good wells, and 8 acres of apple orchard. Land a rich loam, and all in good heart. Horses—Span of general purpose mares 10 years old (one in foal), one general purpose mare 7 years old. Matched span of carriage mares 10 years old, both splendid drivers. One gray driving mare 7 years old. A rubber-tired buggy, also harness. Cattle—Two cows due to calve March 15th, both giving good flow of milk; one heifer due to calve January 3rd. Sheep—100 head of high-class registered Shropshires, including 1 imported four-shear ram, 4 two-shear rams, 12 shearing rams, 25 ram lambs, 50 breeding ewes, in which are 20 yearlings. All have been bred to good sires; 15 ewe lambs. About 75 Plymouth Rock chickens. Three colts, bitches. Also the implements, and a quantity of feed if not previously sold. TERMS OF SALE: \$10 and under, cash; over that amount, 7 months' credit on furnishing approved joint notes; 6 per cent. off for cash. Dogs, hens and feed, cash. Terms of farm made known on application to J. R. Phin or A. J. Brewster, Hespeler.

GEO. B. PHIN, PROPRIETOR. THOMAS INGRAM, AUCTIONEER.

DISPERSION AUCTION SALE

OF

SHORTHORN CATTLE

On Friday, October 24th, 1902,

I will sell by public auction at my farm at

LAMBETH, ONT., SIX MILES FROM CITY OF LONDON,

my entire herd of 20 head of registered Shorthorns, including cows, heifers and bull and heifer calves. TERMS—Twelve months' credit on approved joint notes, or 6 per cent. off for cash.

SALE AT ONE O'CLOCK.

Catalogues, with full pedigrees, will be sent on application.

CAPT. T. E. ROBSON, M. THORNICROFT, Auctioneer. Lambeth P. O., Ont.

dale (Early Elsie 3151); 2 Colin Cameron (Nancy Gordon); 3 Bawden & McDonnell (Fanny). Brood mare, with foal of the same breed by her side—1 Bawden & McDonnell (Betsy); 2 John Cowie (Fanny Redmond 2530 7748); 3 Bawden & McDonnell (Bonny). Foal of 1902—1 John W Cowie (Macqueen's Best); 2 Bawden & McDonnell (Fanny); 3 Graham Bros (Miss Macqueen). Mare with two of her progeny—Jno W Cowie (Markham). Four draft colts, not over two years, any breed, progeny of one stallion—1 Graham Bros; 2 Robt Davies; 3 Bawden & McDonnell. GENERAL PURPOSE—Mare or gelding, 1 years old and upwards—1 Arthur Sheard, Milton (Maud); 2 A G H Luxton, Milton West (Maud); 3 W N Scott, Milton (Filly or gelding, 3 years old—1 J L Clark, Norval (Twinkle); 2 W A Scott, Milton (Bess); 3 J L Clark (Kruger 2nd). Filly or gelding, 2 years old—1 W N Scott (Major); 2 Jessie

(Continued on next page.)

PRIZE LIST, TORONTO EXHIBITION (continued).

Nothersill, Alloo (Flossy) 3 J L Clark (Delia P.). Filly or gelding, 1 year old—1 Wm Wood, Elder's Mills (Alexander F.). Brood mare, with foal by her side—1 Geo Castle, Milton; 2 M Harrison & Son, Brampton (Nettie); 3 Fuller Bros., Norval (Hazel). Foal of 1902—1 M Harrison & Son (Bonnie); 2 Geo Castle; 3 Boucher Bros. (Laddie). Best mare, any age—Geo Castle, Milton.

ROADSTERS.—(Judges—Geo. McCornack, London; Dr. Quinn, Brampton; John Harris, Woodbridge.)—Single gelding or mare, over 15 1/2 hands—1 A Yeager, Simcoe (Derby Lowland); 2 Miss K L Wilkes (Vicar); 3 W W Hamilton, Sutherland (Tommy Atkins); 4 M E Mitchell, Brampton (Nellie Goldleaf). Gelding or mare, 15 1/2 hands and under—1 J A Kelly, Listowel (Jessie McLaughlin); 2 H R Tudhope, Toronto (Northern Queen); 3 F W Baillie, Toronto (Frank); 4 Miss K L Wilkes (Lady Cresceus). Pair of matched Roadsters, geldings or mares, over 15 1/2 hands—1 Harris & Reynolds, Oakville; 2 Duncan McPherson, Galt; 3 Miss K L Wilkes; 4 Thos A Farr, Thistledown. Pair gelding or mares, 15 1/2 hands and under—1 F W Baillie, Toronto; 2 John D McGibbon, Milton; 3 E D Frazer & H R Tudhope, Toronto; 4 John Watson, Listowel. Single pacers, gelding or mare, 15 hands and over—1 Thos M Lee, Toronto (Montenegro); 2 Thos G Johnston, Listowel (Alma); 3 Geo Moore, Waterloo (Harry); 4 Geo Curtis, Lindsay (Minnie Keswick).

STANDARD-BREDS.—(Judge—T Hodgson, V. S., Toronto.)—Single horse, gelding or mare—1 J A Kelly, Listowel (Jessie McLaughlin); 2 Miss K L Wilkes, Galt (Election); 3 Miss K L Wilkes (Lady Cresceus); 4 W A Collins, Hamilton (Jennie Scott). Pair horses, geldings or mares—1 Miss K L Wilkes; 2 W A Collins, Hamilton; 3 A F Hillock.

CARRIAGE OR COACH.—(Judges—Geo B Hulme, New York; R Gibson, Delaware.)—Single horse, gelding or mare, not less than 16 hands—1 Geo Pepper, Toronto; 2 W A Lawrence, Milton (The Banker); 3 Crow & Murray, Toronto; 4 P Maher, Toronto (Performer). Single horse, gelding or mare, 15 1/2 hands—1 Geo Pepper; 2 John McDonald (Jeffrey); 3 Crow & Murray (Sunrise). Pair of matched horses, geldings or mares, not less than 16 hands—1 Geo R Head, Guelph (Mapleridge Swell); 2 Crow & Murray (Intender); 3 Geo Pepper; 4 W A Lawrence (The Widow). Pair matched horses, not less than 15 1/2 and under Perry and Galt; 1 Allan S Chisholm, Oakville (Perry and Galt); 2 P Maher, Toronto (Duke and Lord McGregor); 3 Geo Gooderham (Mohawk and War Eagle); 4 Derby Stock Farm, Simcoe.

HEAVY DRAFT TEAM (geldings or mares, any breed).—1 Graham Bros., (Moss Rose and King Rose); 2 Wm Hendrie (Douglas and British Oak); 3 D A Murray, Bennington (Lucknow and McKillop); 4 John Gardhouse (Laura and Violet). Judges—E W Charlton, Duncrief; Peter Christie, Manchester. General Purpose Matched Team (geldings or mares, in harness).—1 Geo Pepper; 2 W A Boos, Orangeville (Scamp and Scamper); 3 H N Scott (Polly and Dick).

Saddle Horse (gelding or mare, suitable for carrying from 150 up to 180 pounds).—1 Geo Pepper (Blue Boy); 2 Adam Beck (Queen Gold); 3 A S Chisholm (Black Knight); 4 Adam Beck (Hardy). Judges—D H Charles, Peterboro; Col. Mead, Toronto.

Saddle Horse (gelding or mare, suitable for carrying over 180 pounds).—1 Adam Beck (Irish Bob); 2 John Lloyd-Jones, Burford (Windham); 3 Geo Pepper (Rupert); 4 Kidd Bros., Listowel, (Duchess).

Ladies' Saddle Horses—1 Geo Pepper (Blue Boy); 2 Adam Beck (Hardy); 3 W N Tape (Lily); 4 Geo Pepper.

Three-year-old Filly or Gelding (not Thoroughbred, but sired by a Thoroughbred horse, likely to make a good hunter or saddle horse).—1 R B Arthurs, Brampton (Woodbarn); 2 O Duncombe, Waterloo (Fox); 3 Crow & Murray (Lady Goldstein).

Two-year-old—1 A F Hillock, Brampton; 2 Edwin I Campbell, Toronto (Flickmaroo); 3 Andrew Aitchison, Guelph (Topsy).

Bareback Riding on horses which have never won public money in a race, owned and ridden by farmers or farmers' sons, residents of Canada—1 Frank C Ward (Woodhill); 2 J Lloyd-Jones; 3 Claughton & Ward.

Best Boy Rider, under 14 years of age, on pony under 14 hands—1 R K Hodgson, Toronto (Minnie); 2 Harold Campbell, Toronto; 3 Ralph Jenkins, Toddorden (Talk-no). Judges—Dr. D K Smith; C J Brodie.

Best Single Clydesdale (gelding or mare, shown to a cart or wagon)—1 Graham Bros. (King Rose); 2 Graham Bros. (Moss Rose); 3 D A Murray (Lucknow).

Best Shire Stallion (Shire Horse Society)—1 J M Gardhouse (Newham Duke).

Best Shire Mare (Shire Horse Society)—1 Jno Gardhouse (Laura).

Best Hackney or Pony Mare, Filly or Filly Foal, registered or eligible—1 H N Crossley (Lady Cochine 55530).

Best Hackney or Pony Stallion, Entire Colt or Colt Foal—1 Bawden & McDonnell.

JUDGING COMPETITION (restricted to farmers or farmers' sons, under 25 years)—1 A Cameron; 2 R G Baker, Guelph; 3 F W Broderick, St. Catharines; 4 Thos Blain, Gifford.

CATTLE.

SHORTHORNS.—(Judges—W G Pettit, Freeman, and Arthur Johnston, Greenwood.)—Bull, four years old and upwards—1 J A Crerar, Shakespeare (Capt Mayfly (imp.)); 2 Geo D Fletcher, Binkham (Spicy Robin); 3 A J Watson, Castleberg (Admiral of Castlederg). Bull, three years old and under four—1 W Holmes, Amherst, N. S. (Pirate Chief); 2 G H Oke, Alvinston (Royal Sailor Second). Bull, two years old and under three—1 and senior champion, W D Flatt, Hamilton (Spicy Marquis (imp.)); 2 Eastwood Bros., New Toronto (Hillcrest Hero); 3 McDonald Bros., Woodstock (Keith Baron (imp.)). Bull, calved before February 1st, 1901, and under two years—1 Goodfellow Bros Macville (Shining Light); 2 Geo A Drummond, Point Claire, Que (Cicely's Pride (imp.)); 3 W D Flatt (Republican (imp.)). Bull, calved on or after February 1st, 1901, and before February 1st, 1902—1 and junior champion, Daniel Talbot & Son, Everton (Lord Chesterfield); 2 W D Flatt (Banff's Champion); 3 J & W B Watt, Salem (Coming Star). Bull, calved before February 1st, 1902, and under one year—1 W Israel, Galt, Alma (Crimson Hero); 2 W D Flatt, Hamilton (Royal Victor 2nd); 3 McDonald Bros (Invincible); 4 J & W B Watt (Royal Matchless). Bull, calved on or after February 1st, 1902—1 T E Robson, Ilderton (Prairie Prince); 2 A J Watson (Wellington); 3 Jas Rennie, Wick (Crimson Valasco); 4 McDonald Bros (Beau Ideal); 5 Jas A Crerar (Captain May). Cow, 4 years old and over—1 and senior champion, W D Flatt, Hamilton (Crimson Fuchsia 13th); 2 J & W B Watt (English Lady 12th); 3 J A Crerar, Shakespeare (Gem of Ballechin). Cows, 3 years old and under—1 W D Flatt (Duchess of Sanguhar 3rd); 2 Goodfellow Bros. (Water Cress (imp.)); 3 J A Crerar (Ballechin Daisy 2nd). Heifer, 2 years old and under—1 J A Crerar (Gem of Ballechin 2nd); 2 W D Flatt (British Lady); 3 W D Flatt (Kirklevington's Bloom). Heifer, calved before Feb 1st, 1901, and under 2 years—1 T E Robson (Topsman's Queen); 2 J & W B Watt (English Lady 16th); 3 J & W B Watt (Matchless 28th); 4 W D Flatt (Heather Blossom 2nd). Heifer, calved on Feb 1st, 1901, and before February 1st, 1902—1 and junior champion, Goodfellow Bros. (Water Lily); 2 W C Edwards & Co., W Rockland (Lily of Pine Grove 2nd); 3 W D Flatt (Cicely 2nd); 4 T E Robson (Nelly Baskingham). Heifer calf, calved before Feb 1st, 1902—1 T E Robson (Fair Queen); 2 W D Flatt (Lady Winsome); 3 W D Flatt (Lady Banff); 4 T E Robson (Bella's Gem); 5 J & W B Watt (Victoria Stamford). Heifer calf, calved on or after Feb 1st, 1902—1 Goodfellow Bros (Mamie Stamford); 2 Goodfellow Bros (Zoe of Pine Grove); 3 Jas Rennie (Dandy Crimson Flower); 4 Geo D Fletcher (Mysie 42nd). Four calves, bred and owned by exhibitor—1 J & W B Watt; 2 W D Flatt; 3 W C Edwards & Co. Best three animals, get of one bull, owned by exhibitor—1 J & W B Watt; 2 W C Edwards & Co.; 3 W D Flatt. Bull and four females, under two years, owned by exhibitor—1 T E Robson; 2 J & W B Watt; 3 W C Edwards & Co. Three females, bred and owned by exhibitor—1 J & W B Watt. Herd of one bull and four females, over one year, owned by exhibitor—1 W D Flatt; 2 Jas A Crerar; 3 J & W B Watt.

HEIFERS.—(Judge—J. A. McDermid, Stayner.)—Bull, 3 years old and upwards—1 H D Smith (Prince of Ingleside 2nd); 2 F W Stone Stock Company (Baronet). Bull, 2 years old—1 W H Hunter, The Maples and champion, W H Hunter, The Maples (Spartacus); 2 F W Stone Stock Company (Stone's Clarence 2nd). Bull, 1 year old—1 H D Smith (Lord Ingleside 8th); 2 W H Hunter (Young Toronto). Bull, under 1 year—1 W H Hunter (Keep On); 2 W H Hunter (Whitney); 3 H D Smith (Bourton Ingleside). Cow, 4 years old and upwards—1 H D Smith (Sylvan 7th of Ingleside); 2 W H Hunter (Belle of the Ball); 3 F W Stone Stock Company (Duchess of Moreton 22nd). Cow, 3 years old—1 and champion, W H Hunter (Buttermaid 2nd); 2 F W Stone Stock Company (Peach 34th); 3 H D Smith (Rubella of Ingleside). Heifer, 2 years old—1 H D Smith (Downside Chatterbox); 2 H D Smith (Downside Ingleside 2nd); 3 F W Stone Stock Company (Peach 36th). Heifer, 1 year old—1 F W Stone Stock Co. (Sweetheart 34th); 2 H D Smith (Sylvan 15th of Ingleside); 3 W H Hunter (Lily K.). Heifer calf, under one year—1 H D Smith (Sylvan 19th of Ingleside); 2 F W Stone Stock Company (Sweet Bar); 3 W H Hunter (Maple Lady). Herd consisting of one bull and four females, over one year, owned by exhibitor—1 W H Hunter; 2 H D Smith; 3 F W Stone Stock Company.

BERDEEN-ANGUS.—(Judges—G. W. Green, Toronto, and John Miller, Brougham.)—Bulls, 3 years old and upwards—1 F W Phillips, Oakville (Black Warrior); 2 Wm R Stewart, Lucasville (Scots); 3 W Hall, Washington (Laird of Tweedhill). Bull, 2 years old—1 John Richards, Bideford, P. E. I. (Pradamere). Bull, one year old—1 and champion, John Richards (Volodyovski); 2 F. W. Phillips (Crawford of Wathorough); 3 J Bowman, Guelph (Elm Park Laird 5th). Bull calf, under 1 year—1 J Bowman (Elm Park Laird 6th); 2 J Bowman (Elm Park Laird 7th); 3 J Bowman (Elm Park Laird 8th). Cow, 4 years old and upwards—1 and champion, W. Hall (Lady Gladstone); 2 John Richards (Witch of Benton); 3 J Bowman (Elm Park Belle 2nd). Cow, 3 years old—1 J Bowman (Elm Park Belle 3rd); 2 W R Stewart, Lucasville (Maple Bank Lass); 3 W Hall (Maple Bank Newtona).

Heifer, 2 years old—1 J Richards (Tenemera); 2 W Hall (Newtona's Favorite 2nd); 3 J Bowman (Elm Park Kyma 10th). Heifer, 1 year old—1 J Bowman (Elm Park Mayflower 3rd); 2 J Bowman (Elm Park Kyma 11th); 3 W R Stewart (Princess of Willow Grove). Heifer calf, under 1 year—1 J Bowman (Elm Park Belle 6th); 2 J Bowman (Elm Park Kyma 5th); 3 J Bowman (Elm Park Kyma 13th). Herd, consisting of one bull and four females over 1 year old, owned by exhibitor—1 J Richards; 2 Walter Hall; 3 W R Stewart.

GALLOWAYS.—(Judges—Messrs. Green and Miller.)—Bull, 3 years old and upwards—1 and champion, D McCrae, Guelph (Cedric 4th of Tarbreoch); 2 Shaw & Marston, Brantford (Viceroy of Castlenilk). Bull, 2 years old—1 D McCrae (Royal Ensign). Bull, 1 year old—1 D McCrae (Adair); 2 Shaw & Marston (Duke of York). Bull calf, under 1 year—1 D McCrae (Fassifern); 2 D McCrae (Saladin); 3 Shaw & Marston (Allwyn). Cow, 4 years old and upwards—1 D McCrae (Polly of Garlicton); 2 D McCrae (Bell 12th of Drumhamprey); 3 Shaw & Marston (Gem 3rd of Drumlanrig). Cow, 3 years old—1 Shaw & Marston (Flora McErin 2nd); 2 D McCrae (Semiramis 36th). Heifer, 2 year old—1 and champion, D McCrae (Nellie 12th of Lockenkit); 2 D McCrae (Grisel 2nd of Lockenkit); 3 Shaw & Marston (Bella 2nd). Heifer, 1 year old—1 D McCrae (Jean 2nd of Kilquhanity); 2 D McCrae (Molly of Kilquhanity); 3 Shaw & Marston (Winsome Charteris). Heifer calf, under 1 year—1 D McCrae (Maid of Mist); 2 D McCrae (Fairy Rose); 3 Shaw & Marston (Mariel). Herd consisting of one bull and four females over 1 year old, owned by exhibitor—1 D McCrae; 2 Shaw & Marston; 3 D McCrae.

AYRSHIRES.—(Judges—Alfred Kains Byron; A Yuill, Carleton Place, and J H Douglas, Warkworth.)—Bull, 3 years old and upwards—1 and champion, W W Ogilvie, Lachine Rapids, Que (Douglasdale); 2 W Stewart & Son, Menie (tover-a-Blink); 3 A Hume & Co., Menie (Prince of Barcheskie); 4 W W Ogilvie (Black Prince of Whitehill). Bull, 2 years old—1 R Reford, St. Anne de Bellevue (Stirling Boy of St. Annes); 2 Stewart & Son (Lord Roberts); 3 Mrs. W E H Massey, Toronto (A. I. of Dentonia). Bull, 1 year old—1 R Reford (Glenlea of St. Annes); 2 R Reid & Co. (Hintonburg, Tom); 3 N Dymont, Clappison's (Dairyman of Glenora); 4 A Hume (King Edward). Bull calf, under 1 year—1 R Reid & Co (Maple Cliff Cock-a-bendie); 2 R Reford (Glencairn's Style of St. Annes); 3 W W Ogilvie (First Choice of Glenora); 4 R H Henderson, Rockton (Silver Dollar). Bull calf, calved after Feb 1, 1902—1 R Reid & Co (Maple Cliff Comrade); 2 W Stewart & Son (Hoover's Heir of Menie); 3 A Hume & Co (Choice Goods); 4 A Hume & Co (Shiner). Cow, 4 years old and upwards—1 and champion, W W Ogilvie (Minnie of Lessnessock); 2 Robert Reford (Betsy 1st of Fairfield Mains); 3 W W Ogilvie (White Rose of Barmoorhill); 4 Wm Stewart & Son (Lady Ottawa). Cow, 3 years old—1 R Reford (Lady Grace of St. Annes); 2 Robert Reford (Molena of St. Annes); 3 W W Ogilvie (Stately 9th of Muir); 4 W Stewart & Son (Annie Laurie 4th). Cow, dry, in calf, any age—1 N Dymont (Nellie Gray); 2 W W Ogilvie (Georgina 2nd of Wynholm); 3 Mrs. W E H Massey (Lady Garlaff); 4 Mrs. W E H Massey (Lady Stirling 3rd). Heifer, 2 years old—1 Mrs. W E H Massey (Lost Chord of Snowdrift); 2 N Dymont (Grace Darling of St. Annes); 4 A Hume & Co (Highland Lass). Heifer, 1 year old, out of milk—1 W Stewart & Son (Bessie of Warkworth); 2 W W Ogilvie (Bright Princess of Glenora); 3 W W Ogilvie (Bright Princess of Glenora); 4 W Ogilvie (Princess May of Glenora). Heifer calf under 1 year—1 Mrs. W E H Massey (Lady Grace of Glenora); 2 Mrs. W E H Massey (Stirling 3rd of Dentonia); 3 W Stewart & Son (Ethel Mary Stewart); 4 W W Ogilvie (Lady Osborne of Glenora). Heifer calf calved after the 1st of Feb., 1902—1 A Hume & Co (Ladies' Princess of Menie); 2 W W Ogilvie (Lady Eileen of Menie); 3 A Hume & Co (Hope of Menie); 4 N Dymont (Little Jean of Hickory Hill). Four animals, the progeny of one bull, all bred by exhibitor—1 W W Ogilvie (Comrade of Garlaff); 2 Robert Reford (Napoleon of Auchenbrain); 3 A Hume & Co (White Chief of St. Annes); 4 Robert Reford. Herd, consisting of one bull and three heifers, under two years old, heifers bred by exhibitor—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co. Herd, consisting of one bull, any age, two females over 3 years old, one female over two and under three, one female over one and under two, and one female under 1 year—1 W W Ogilvie; 2 R Reford; 3 W W Ogilvie; 4 A Hume & Co.

JERSEYS.—(Judges—H G Clark, Norval, and R Reid, Berlin.)—Bull, 3 years old and upwards—1 and champion, Mrs. W E H Massey (Island Lad of Dentonia); 2 B H Bull & Son (Boivoir King). Bull, 2 years old—1 D G & J G Hamner (Stake Pogs 5th); 2 B H Bull & Son (Rex). Bull, 1 year old—1 Mrs. W E H Massey (Arthur's Golden Fox); 2 B H Bull & Son (Brampton Monarch's Duke); 3 Bull & Son (Brampton Lucas); 4 Bull & Son (Brampton Hero). Bull calf, under 1 year—1 Mrs Massey (Dentonia's Right In It); 2 Bull & Son (Monarch's Gent); 3 Bull & Son (Floss Monarch); 4 Mrs Massey (Union Jack). Bull calf, calved after Feb 1, 1902—1 Bull & Son (Monarch's Russ); 2 Bull & Son (Monarch's Lad); 3 Bull & Son (Monarch's Boy); 4 Mrs Massey (Sven-gali). Cow, 4 years old and upwards—1

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Mrs Massey (Fancy Maid); 2 Bull & Son (Sunbeam); 3 Bull & Son (Rhoda); 4 Bull & Son (Bettina). Cow, 3 years old—1 Mrs Massey (Industria of Dentonia); 2 Mrs Massey (Mon Plaisir's Cowslip); 3 Bull & Son (Vera of Orchard Grove). Heifer, 2 years old—1 B H Bull & Son (Blanche's Golden Lass); 2 Bull & Son (Pretty Maid); 3 Bull & Son (Golden Gem); 4 Mrs Massey (Flying Fox Refined). Heifer, 1 year old, in milk—1 and champion, Mrs Massey (Flying Fox's Brumette); 2 D G & J G Hamner. Heifer, one year old, out of milk—1 Bull & Son (Brampton Maid); 2 Mrs Massey (Dorothy of Dentonia); 3 Bull & Son (Fanny of Brampton); 4 Mrs Massey (Dentonia's Dusty Dot). Heifer calf, under 1 year—1 Mrs Massey (Dentonia's Idol); 2 B H Bull & Son (Monarch's Beam); 3 Mrs Massey (Society Girl); 4 Bull & Son (Eminent Giddie). Heifer calf, calved after 1st Feb., 1902—1 B H Bull & Son (New York Maid); 2 Mrs Massey (Napoleon's Golden Crown); 3 Mrs Massey (Dentonia Re-echo). Four animals, the progeny of one bull, bred by exhibitor—1 Bull & Son; 2 Mrs Massey; 3 Bull & Son; 4 Mrs Massey. Herd, consisting of one bull and three heifers, under two years, heifers bred by exhibitor—1 and 2 Mrs Massey; 3 Bull & Son. Herd 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, and one female under one year—1 Mrs Massey; 2 Bull & Son; 3 Mrs Massey; 4 Bull & Son.

GUERNSEYS.—(Judges—Messrs. Clark and Reid.)—Bull, 2 years old—1 Mrs Massey (Island Heirloom of Dentonia). Bull calf, under 1 year—1 Mrs Massey (Pine of Dentonia). Cow, 4 years old and upwards—1 Mrs Massey (Jessica of Dentonia); 2 Mrs Massey (Lady Honesty of Dentonia); 3 Mrs Massey (Ironesty of Dentonia). Cow, three years old—1 Mrs Massey (Luxette of Dentonia). Heifer, 2

(Continued on next page.)

CRUEL METHODS

Of Treating Piles and Rectal Diseases.

The old methods of treating piles by the knife, by ligatures or dilatation, besides causing intense pain, and frequently collapse and death, are now known to be worse than useless as far as actually curing the trouble is concerned.

Derangement of the liver and other internal organs, as well as constipation, often causes piles, and it is a mistake to treat it as a purely local disease; this is the reason why salves and ointments have so little effect, and the widespread success of the Pyramid Pile Cure has demonstrated it.

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years old—1 Mrs Massey (Yours Truly); 2 Mrs Massey (Hopeful); Heifer, 1 year old—1 Mrs Massey (First cow); 2 Mrs Massey (English Lady of Dentonia); Heifer calf, under one year—1 Mrs Massey (Jentonia Image); Heifer calf, calved after Feb. 1, 1902—1 Mrs Massey (Jessica's Jess). Herd, consisting of one bull and four females over one year old—1 Mrs Massey.

HOLSTEINS.—(Judge—R S Stevenson, Ancaster.)—Bull, 3 years old and upwards—1 and champion, A C Hallman (Judge Akram's De Kol 3rd); 2 G W Clemons, St. George (Count Mink Mercedes); 3 Rattie Bros., Norwich (Sir Abbekirk Posch); 4 W H Simmons, New Durham (Winnie R's De Kol). Bull, 2 years old—1 Rattie Bros (Schuiling's De Kol); 2 G W Clemons (Helbon Wayne). Bull, 1 year old—1 G W Clemons (Count of Maple Hill); 2 Rattie Bros. (Sir Pietertje Acme); 3 A C Hallman (Sir Paul Albino De Kol); 4 R F Heicks, Newton Brook (Roosevelt). Bull calf, under 1 year—1 Rattie Bros. (Cornelia's Posch); 2 G W Clemons (Duke of Portland); 3 A C Hallman (Cornelia's Neth De Kol); 4 W H Simmons (Iosco Pride's Van-Am). Bull calf, calved after Feb. 1, 1902—1 Rattie Bros (Percilla Schuiling's Protects); 2 G W Clemons (John Brew); 3 W H Simmons (Little Katey Kent 3rd's De Kol). Cow, 4 years old and upwards—1 and champion, Rattie Bros (Highland Cornelia); 2 Rattie Bros (Artis Peer's Poem); 3 Rattie Bros (Artis Mink Mercedes); 4 R F Heicks (Fartifit 5th). Cow, 3 years old—1 Rattie Bros (Fanny R's De Kol); 2 Rattie Bros (Ianthie Jewel Mechthilde); Heifer, two years old—1 Rattie Bros (Mercena 3rd); 2 G W Clemons (Princess Pledge's De Kol); 3 Rattie Bros (Annie Schuiling); 4 A C Hallman (Abbey Neth's De Kol). Heifer, 1 year old, in milk—1 Rattie Bros (Fanny De Kol); Heifer, 1 year old, out of milk—1 G W Clemons (Ellen Terry); 2 A C Hallman (Polianthus Neth's De Kol); 3 G W Clemons (Julia Artur); 4 Rattie Bros (Artis Pietertje's Poem). Heifer calf, under 1 year—G W Clemons (Flora Fairchild); 2 A C Hallman (Grace Ziemans De Kol); 3 G W Clemons (Buffalo Girl); 4 Rattie Bros (Fanny Pietertje). Heifer calf, calved after Feb. 1st, 1902—1 A C Hallman (Eugenie Neth De Kol 2nd); 2 G W Clemons (Alice Neilson); 3 A C Hallman (Ideal's Neth De Kol 2nd); 4 G W Clemons (Queen De Kol 5th). Four animals, the progeny of one bull, under 2 years, bred by exhibitor—1 G W Clemons; 2 W H Simmons; 3 G W Clemons; 4 Rattie Bros. Herd of one bull and four females, over 1 year old—1 Rattie Bros; 2 A C Hallman; 3 G W Clemons; 4 Rattie Bros. Young herd, one bull and four females, one year old and under three years—1 Rattie Bros; 2 G W Clemons; 3 A C Hallman.

GRADE CATTLE.—Grade cow, 4 years old and upwards—1 J Fried & Son, Roseville; 2 James Leask Greenback; 3 Eastwood Bros., New Toronto. Cow, 3 years old—1 Eastwood Bros; 2 James Leask. Heifer, 2 years old—1 Fried & Son; 2 and 3 Leask. Heifer, 1 year old—1 and 3 Rennie; 2 Leask. Heifer calf, under 1 year—1 Rennie; 2 Fried & Son; 3 Leask. Four females over 1 year old—1 Fried & Son; 2 Leask; 3 Rennie. Female of any age (silver medal)—Fried & Son.

SHEEP.

COTSWOLDS.—(Judge—Wm Thompson, (Lxbridge).)—Ram, two shears and over—1 John Park, Burgessville; 2 Elgin F Park; 3 J C Ross, Jarvis. Shearling

ram—1 J C Ross; 2 and 3 E F Park. Ram lamb—1 E F Park; 2 and 4 J C Ross; 3 John Park. Ewe, two shears and under three shears—1 and 3 E F Park; 2 John Park. Shearling ewes—1 John Park; 2 J C Ross; 3 E F Park. Ewe lamb—1 and 2 John Park; 3 J C Ross; 4 E F Park. Pen of Cotswolds, ram lamb and three ewe lambs, bred by exhibitor—1 John Park. Pen of Cotswolds, one ram, two ewes, one year old and under three years, and two ewe lambs—1 John Park; 2 J C Ross. Pen of Cotswolds (Canadian-bred), one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2 J M Gardhouse; 3 E F Park. Flock of Cotswolds, consisting of one ram one year or over, one ewe two years or over, one ewe one year and under—1 J Park. Pen of four lambs, consisting of two rams and two ewes, bred by exhibitor—1 John Park.

LEICESTERS.—(Judge—James Fennell, Bradford.)—Ram, two shears and over—1 and 3 Hastings Bros., Crosshill; 2 J M Gardhouse, Highfield. Shearling ram—1 and 3 J M Gardhouse; 2 Whitelaw Bros.; 2 Whitelaw Bros.; 3 J M Gardhouse. Ewe, two shears and under three—1 and 2 J M Gardhouse; 3 Whitelaw Bros. Shearling ewe—1 J M Gardhouse; 2 Whitelaw Bros.; 3 Hastings Bros. Ewe lambs—1, 3 and 4 Whitelaw Bros; 2 J M Gardhouse. Pen of Leicesters, ram (and three ewe lambs, bred by exhibitor—1 Whitelaw Bros. Pen of Leicesters, one ram, two ewes, one year old and under three years, and two ewe lambs—1 Whitelaw Bros; 2 J M Gardhouse. Pen of Leicesters (Canadian-bred), one ram, two ewes, one year old and under three years, and two ewe lambs—1 J M Gardhouse; 2 Hastings Bros.

LINCOLNS.—(Judge—T Hardy Shore, Glanworth.)—Ram, two shears and over—1, 2 and 3 R H Gibson. Shearling ram—1 R H Gibson; 2 and 3 J T Gibson. Denfield, ram lamb—1, 2 and 3 J T Gibson. Ewe, two shears and under three shears—1 and 2 R H Gibson; 3 J T Gibson. Shearling ewe—1 and 2 R H Gibson; 3 J T Gibson. Ewe lamb—1, 2, 3 and 4 R H Gibson; 5 J T Gibson. Pen of Lincolns, one ram lamb and three ewe lambs, bred by exhibitor—1 J T Gibson. Pen of Lincolns, one ram, two ewes, one year old and under three years, and two ewe lambs—1 and 2 R H Gibson; 3 J T Gibson. Pen of Lincolns (Canadian-bred), one ram, two ewes, one year old and under three—1 J T Gibson.

SHROPSHIRE.—(Judges—Geo Phin, Hespeler, and J Jackson, Abingdon).—Ram, two shears and over—1 D G & J G Hamner, Mount Vernon; 2 and 3 J M Campbell, Woodville. Shearling ram—1 W S Carpenter, Simcoe; 2 John Campbell, 3 D G & J G Hamner, Ram lamb—1 and 3 D G & J G Hamner; 2 John Campbell; 4 Telfer Bros, Paris. Ewe, two shears and under three—1 and 2 W S Carpenter; 3 D G & J G Hamner. Shearling ewe—1 D G & J G Hamner; 2 and 3 John Campbell. Ewe lamb—1, 2 and 3 D G & J G Hamner; 4 John Campbell. Pen of Shropshires, one ram lamb and three ewe lambs, bred by exhibitor—1 D G & J G Hamner. Pen of Shropshires, one ram, two ewes, one year old and under three years, and two ewe lambs—1 D G & J G Hamner; 2 W S Carpenter. Pen of Shropshires (Canadian-bred), one ram, two ewes, one year old and under three years, and two ewe lambs—1 John Campbell; 2 D G & J G Hamner. Best flock of registered Shropshires, one year old or over, one ram and three ewes—1 and 3 D G & J G Hamner; 2 John Campbell; 4 Lloyd-Jones Bros. Best flock of four registered Shropshire lambs, one ram lamb and three ewe lambs—1 and 3 D G & J G Hamner; 2 John Campbell; 4 Lloyd-Jones Bros. Sweepstakes, best ram—1 D G & J G Hamner. Sweepstakes, best ram lamb—1 D G & J G Hamner.

OXFORD DOWNS.—(Judge, Jas Tolton, Walkerton).—Ram, two shears and over—1 and 2 R J Hine, Burton; 3 J H Jull, Burford. Shearling ram—1 and 2 R J Hine; 3 J H Jull. Ram lamb—1 and 2 R J Hine; 3 and 4 J H Jull. Ewe, two shears and under three—1, 2 and 3 J H Jull. Shearling ewe—1, 2 and 3 R J Hine. Ewe lambs—1, 2, 3 and 4 R J Hine. Pen of Oxford Downs, one ram lamb and three ewe lambs, bred by exhibitor—1 R J Hine. Pen of Oxford Downs, one ram, two ewes, one year old and under three years, and two ewe lambs—1 R J Hine; 2 J H Jull. Pen of Oxford Downs (Canadian-bred), one ram, two ewes, one year old and under three years—1 and 2 R J Hine. Yearling ram—1 R J Hine; 2 J H Jull. Yearling ewes—1 and 2 R J Hine. Pen of Oxford Downs, four lambs, either sex—1 R J Hine; 2 J H Jull.

HAMPSHIRE.—(Judge, Geo Phin, Hespeler).—Ram, two shears and over—1 Telfer Bros, Paris, Ont. Ram lamb—1 and 2 M H Cochrane, Hillhurst, Que. Ewe, two shears and under—1 M H Cochrane; 2 Telfer Bros. Yearling ewe—1 M H Cochrane; 2 Telfer Bros. Ewe lamb—1 and 2 M H Cochrane. Pen of Hampshire, one ram lamb and three ewe lambs, bred by exhibitor—1 M H Cochrane. Pen of Hampshire, one ram, two ewes, one year old and under three years—1 M H Cochrane. Pen of Hampshire (Canadian-bred)—1 M H Cochrane.

SOUTH-DOWNS.—(Judge, John Milner, Markham).—Ram, two shears and over—1 and 3 F E Came, St Andrews, N B; 2 John Jackson & Son, Abingdon, Ont. Shearling ram—1 F E Came; 2 and 3 Telfer Bros, Paris, Ont. Ram lamb—1 and 2 F E Came; 3 Wm Martin, Gimbrosk; 4 Telfer Bros. Ewe, two shears and under three shears—1 and 2 F E Came; 3

John Jackson & Son. Shearling ewe—1 F E Came; 2 Telfer Bros; 3 T C Douglas, Galt. Ewe lamb—1 and 2 F E Came; 3 Telfer Bros; 4 Wm Martin. Pen of Southdowns, one ram lamb and three ewe lambs, bred by exhibitor—1 Wm Martin. Pen of Southdowns, one ram, two ewes, one year old and under three years, and two ewe lambs—1 F E Came; 2 T C Douglas. Pen of Southdowns (Canadian-bred), one ram, two ewes, one year old and under three years—1 Telfer Bros; 2 Wm Martin.

DORSETS.—(Judges, Geo P Everett, Mount Vernon; Thos Hector, Erindale).—Ram, two shears and over—1 John A McGillivray, Lxbridge; 2 and 3 R H Harding, Thorndale. Shearling ram—1 John A McGillivray; 2 and 3 R H Harding. Ram lamb—1 and 3 R H Harding; 2 John A McGillivray. Ewe, two shears and under three—1 and 2 John A McGillivray; 3 R H Harding. Shearling ewe—1 and 2 John A McGillivray; 3 R H Harding. Ewe lamb—1 R H Harding; 2 and 3 John A McGillivray. Pen of Dorsets, one ram lamb and three ewe lambs, bred by exhibitor—1 John A McGillivray; 2 R H Harding. Pen of Dorsets, one ram, two ewes, one year old and under three years, and two ewe lambs—1 J A McGillivray; 2 R H Harding. Pen of Dorsets (Canadian-bred), one ram, two ewes, one year old and under three years—1 John A McGillivray; 2 R H Harding.

FAT SHEEP.—(Judge, T O Robson, St. Mary's).—Fat wether under two years, long-wooled breed—1 and 3 J T Gibson; 2 J M Gardhouse. Fat wether under one year, long-wooled breed—1 J M Gardhouse; 2 Whitelaw Bros; 3 Elgin F Park, Burgessville. Fat wether under two years, short-wooled breed—1 John Campbell; 2 Telfer Bros; 3 T C Douglas. Fat wether under one year, short-wooled breed—1 Lloyd-Jones Bros; 2 D G & J G Hamner; 3 John Campbell.

SWINE.

BERKSHIRE.—(Judges—Wm. Jones, Zenda; H B Jeffs, Bondhead).—Boar over 2 years—1 W H Durham, East Toronto; 2 Wm Wilson, Snelgrove; 3 R Reid & Co., Hintonburg. Boar over 1 year and under 2 years—1 Wm Wilson; 2 T A Cox, Brantford; 3 W H Durham. Boar over 6 and under 12 months—1 and 2 Wm Wilson; 3 T A Cox. Boar under 6 months—1 W H Durham; 2 and 3 Samuel Dolson, Alton. Sow over 2 years—1 Wm Wilson; 2 W H Durham; 3 T A Cox. Sow over 1 year and under 2 years—1 T A Cox; 2 W H Durham; 3 Wm Wilson. Sow over 6 and under 12 months—1 W H Durham; 2 and 3 Wm Wilson. Sow under 6 months—1 Wm Wilson; 2 W H Durham; 3 T A Cox. Best Berkshire boar and two sows of any age—1 W H Durham; 2 T A Cox. Four pigs under 6 months old, the get of one boar, the produce bred and owned by exhibitor—1 Samuel Dolson; 2 Thos Teasdale, Concord. Four pigs under 6 months, the produce of one sow, the produce bred and owned by the exhibitor—1 Samuel Dolson; 2 Thomas Teasdale.

LARGE YORKSHIRE.—(Judges—R J Garbutt, Belleville; H Dedels, Breslau).—Boar over 2 years—1 R F Duck & Sons, Port Credit; 2 D C Flatt & Son, Millgrove; 3 Joseph Featherstone & Son, Streetsville. Boar over 1 year and under 2 years—1 and 2 D C Flatt & Son; 3 Jos Featherstone & Son. Boar over 6 and under 12 months—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Boar under 6 months—1 Jos Featherstone & Son; 2 and 3 D C Flatt & Son. Sow over 2 years—1 and 2 D C Flatt & Son; 3 Jos Featherstone & Son. Sow over 1 year and under 2 years—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Sow over 6 and under 12 months—1, 2 and 3 D C Flatt & Son. Sow under 6 months—1 and 2 D C Flatt & Son; 3 R F Duck & Sons. Best Yorkshire boar and two sows of any age—1 and 2 D C Flatt & Son. Four pigs under 6 months old, the get of one boar, the produce bred and owned by exhibitor—1 D C Flatt & Son; 2 R F Duck & Sons.

TAMWORTH.—(Judges—R J Garbutt and H Dedels).—Boar over 2 years—1 Colwill Bros, Newcastle; 2 R Reid & Co., Hintonburg; 3 Frank R Shore & Son, White Oak. Boar over 1 year and under 2 years—1 R Reid & Co.; 2 Frank R Shore & Son; 3 D Douglas & Sons. Boar over 6 and under 12 months—1 and 2 D Douglas & Sons. Best Tamworth boar and two sows of any age—1 Colwill Bros; 2 R Reid & Co. Four pigs under 6 months old, the get of one boar, the produce owned and bred by exhibitor—1 and 2 D Douglas & Sons. Four pigs under 6 months old, the produce of one sow, the produce owned and bred by exhibitor—1 and 2 D Douglas & Sons.

CHESTER WHITES.—(Judges—Wm Jones and H B Jeffs).—Boar over 2 years—1 Wm E Wright, Glanworth. Boar over 1 year and under 2 years—1 Wm E Wright. Boar over 6 months—1 and 2 Wm E Wright. Sow over two years—1 Wm E Wright. Sow under 6 months—1 and 2 Wm E Wright. Best Chester White boar and two sows of any age—1 Wm E Wright. Four pigs under 6 months

What Goes Up

MUST COME DOWN.

Nothing is more certain than that the use of so-called tonics, stimulants and medicines, which depend upon alcohol for their effect, is injurious to health in the long run.

What goes up must come down, and the elevation of spirits, the temporary exhilaration resulting from a dose of medicine containing alcohol, will certainly be followed in a few hours by a corresponding depression, to relieve which another dose must be taken.

In other words, many liquid patent medicines derive their effect entirely from the alcohol they contain. Alcohol, and medicines containing it, are temporary stimulants and not in any sense a true tonic. In fact it is doubtful if any medicines or drug is a real tonic.

A true tonic is something which will renew, replenish, build up the exhausted nervous system and wasted tissues of the body, something that will enrich the blood and endow it with the proper proportions of red and white corpuscles which prevent or destroy disease germs. This is what a real tonic should do, and no drug or alcoholic stimulant will do it.

The only true tonic in nature is wholesome food, thoroughly digested. Every particle of nervous energy, every minute muscle fibre and drop of blood is created daily from the food we digest.

The mere eating of food has little to do with the repair of waste tissue, but the perfect digestion of the food eaten has everything to do with it.

The reason so few people have perfect digestion is because from wrong habits of living the stomach has gradually lost the power to secrete the gastric juice, peptones and acids in sufficient quantity.

To cure indigestion and stomach troubles, it is necessary to take after meals some harmless preparation which will supply the natural peptone and diastase which every weak stomach lacks, and probably the best preparation of this character is Stuart's Dyspepsia Tablets, which may be found in every drug store and which contain in pleasant, palatable form the wholesome peptone and diastase which nature requires for prompt digestion.

One or two of these excellent tablets taken after meals will prevent souring, fermentation and acidity and insure complete digestion and assimilation.

Stuart's Dyspepsia Tablets are equally valuable for little children as for adults, as they contain nothing harmful or stimulating, but only the natural digestsives.

One of Stuart's Dyspepsia Tablets will digest 1,800 grains of meat, eggs or other wholesome food, and they are in every sense a genuine tonic, because they bring about in the only natural way a restorative of nerve power, a building up of lost tissue and appetite, in the only way it can be done, by the digestion and assimilation of wholesome food.—Advt.

oid, the get of one boar, the produce bred and owned by exhibitor—1 Wm E Wright, four pigs under 6 months old, the produce of one sow, the produce bred and owned by exhibitor—1 Wm E Wright. Duroc-Jersey boar and two sows of any age—1 Wm E Wright; 2 Wm Smith. Four pigs under 6 months old, the get of one boar, the produce bred and owned by exhibitor—1 Wm E Wright. Four pigs under 6 months old, the produce of one sow, the produce bred and owned by exhibitor—1 Wm E Wright.

OTHER DISTINCT BREEDS.—(Judges—R J Garbutt and H Dedels).—1 Wm E Wright; 2 Jos Featherstone & Son. Boar over 1 year and under 2 years—1 Wm E Wright; 2 Jos Featherstone & Son. Boar over 6 and under 12 months—1 and 2 Jos Featherstone & Son; 3 Wm Smith. Boar under 6 months—1 and 2 Jos Featherstone & Son; 3 R F Duck & Sons. Sow over 2 years—1 and 2 Jos Featherstone & Son; 3 R F Duck & Sons. Sow over 1 year and under 2 years—1 and 2 Wm Smith; 3 Jos Featherstone & Son. Sow over 6 and under 12 months—1 and 2 Jos Featherstone & Son; 3 Wm Smith. Sow under 6 months—1 and 2 Jos Featherstone & Son; 3 R F Duck & Sons. Best boar and two sows of same breed, any age—1 Wm E Wright; 2 Jos Featherstone & Son.

EXPORT BACON HOGS.—Best pen of four pure-bred hogs, most suitable for export bacon—1 and 5 J E Brethour, Burford; 2 Jos Featherstone & Son; 3 D C Flatt & Son; 4 R F Duck & Sons.

Best pen of four hogs of any breed, cross or grade—1 and 5 J E Brethour; 2 Jos Featherstone & Son; 3 D C Flatt & Son; 4 R F Duck & Sons.

JUDGING COMPETITION.—Best judging of bacon hogs, restricted to farmers or farmers' sons, resident in Canada—1 Wm McCrae, Guelph; 2 J M McCallum, Shakespeare; 3 R H Williams, Berlin; 4 Alfred E. Snore, White Oak.

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Nothing equals it when used internally for Colic, Distemper, Founder, Pneumonia, etc. TUTTLE'S AMERICAN CONDITION POWDERS—A specific for impure blood and all diseases arising therefrom. TUTTLE'S FAMILY ELIXIR cures rheumatism, sprains, bruises, etc. Kills pain instantly. Our 100-page book, "Veterinary Experience," FREE. Dr. S. A. TUTTLE, 66 Beverly St., Boston, Mass. Beware of so-called Elixirs—some genuine but Tuttle's. Avoid all blisters; they offer only temporary relief, if any. LYMAN, KNOX & SON, Agents, Montreal and Toronto, Canada.

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is a necessity where the best results from feeding would be obtained. It tones up the system, rids the stomach of bots, worms and other parasites that suck the life blood away. Nothing like Dick's powder for a run down horse. 50 cents a package. Leeming, Miles & Co., Agents, MONTREAL. Write for Book on Cattle and Horses free.

Dairy Business for Sale.

The largest and most prosperous retail dairy business in Canada is offered for sale, doing a cash business of about eighty-five thousand dollars a year; could easily be doubled; select trade only; established eleven years at Toronto. The equipment (including new cold-storage plant) is perfect and up-to-date. Owners retiring. Price, twenty thousand dollars, or would exchange for farm. Profits would pay for it in three years. Excellent system for operating the business. A magnificent investment. For all information, address Fred. R. Ginn, Toronto, Ont.

GOSSIP. MAPLE LODGE SHORTHORNS AND LEICESTERS.

One of the best known and most noted stock farms in Canada is that of Mr. A. W. Smith, Maple Lodge, Ont., situated one mile west of Lucan Crossing station on the London & Wingham branch of the G. T. R., and about 20 miles north of the City of London. From boyhood, Mr. Smith has been intimately connected with the breeding and management of pure-bred stock, particularly of Shorthorn cattle and Leicester sheep, and what he does not know about the peculiarities and points that go to make the perfect animal, both in cattle and sheep, and the modus operandi of fitting and conditioning to show them at their best, is hardly worth knowing, as a look over this herd of 52 head of cattle and flock of 140 head of sheep testifying on his splendidly-arranged 230-acre farm, amply attest. Mr. Smith's herd of Shorthorns is headed by the model bull, Imp. Knuckle Duster—28868—bred by Mr. Bruce, of Inverquhomery, Scotland, sired by Waverley, a bull that was famous on account of the large number of prizewinners he left; dam Augusta 42nd, by Cap-a-Pie, who was also a sire of winners; so that Knuckle Duster is not only descended from prizewinners on both sides, but is a prizewinner himself, winning, but only year he was shown, first prize at London as a two-year-old, over the Toronto first-prize winner, and is proving himself a sire of exceptional merit. His lieutenant in service is the richly-bred and beautifully-formed Sir Wilfred (imp.), bred by J. Milne, Aberdeen, Scotland; sired by Scottish Victor, a Cruickshank Victoria bull by Scottish Archer; dam Rosabelle, by Mazurka, a Missie bull, by William of Orange. The females of the herd (imported and home-bred) belong to the Isabella, Miss Syme, Claret, Princess of Thule, Fair Queen, Missie, Jilt, Mysie, Lavinia, Constance, Lovely, Ury, Cecilia and Lady May families. Prominent among the many good ones is the cow, Lady May 15th (imp.), bred by A. Still, Peterculter; sired by Denmark, by Bendigo, the sire of many winners; dam Lady May 14th, by Mountain Gem, a Missie bull by William of Orange. This cow has just weaned a seven-months-old heifer by Knuckle Duster, that is an extra nice youngster. A close second to her is the cow, Claret's Fancy (imp.), by Gravesend, a Brawith Bud bull; dam Claret 15th. She is now in calf to Knuckle Duster. Another extra good one is Princess V., an Isabella-bred cow, who has a very sweet six-months heifer calf by Knuckle Duster, a fourteenth Princess of Thule is a massive, thick roun cow, showing perfect lines above and below; sired by Conqueror, he by Imp. Vensgarth. This cow was in the milk test at Buffalo last summer, and stood third. Another of the heavy milkers is Roan Blanche 2nd, a daughter of Blanche who won the first prize in the dairy test at Guelph in 1900. She has a seven-months heifer by Knuckle Duster, that is a good one. Irish Ivy is another Lavinia-bred cow, that won second prize last winter at Guelph dairy test, her milk showing the high average of 4 1/2 per cent. butter-fat. As a two-year-old she gave in 10 months, 10,550 lbs. of milk. She also has an extra nice seven-months-old heifer calf by Knuckle Duster. Lady Newton belongs to the fashionable Missie family. She is sired by War Minister, dam Melrose, by Rapthorne. She is nursing a three-months bull calf by Scottish Chief, that shows a perfect form. Princess Josie, of the well-known Jilt family, a very thick, straight cow, is suckling a six-months-old heifer by Knuckle Duster. Ury Countess is the only cow in the herd that is suckling a calf by Sir Wilfred, and if he is a sample of what this bull is going to leave in the way of form and quality, he will certainly be a bonanza to Mr. Smith. We were shown a number of young bulls and heifers that were a pleasure to look over. Almost without exception, they are a thick, low-set lot, smooth and straight lined, and Mr. Smith informed us that any and every animal in the herd was for sale, as he is not breeding them to look at. As before intimated, the Leicesters number 140 head, a great many of which are imported. Of the stock rams Imp. Stanley was winner of first prize at the Royal Northern, Aberdeen, as a lamb. He was bred by that well-known breeder, Mr. D. Hume. The other is Imp. B. 10, also bred by Hume, and won first as a lamb at the Angus Show, Aberdeenshire. Stanley is a full-brother to the gold medal winners at the Highland Agricultural Societies Show in 1899 and 1900; while the sire of B. 10 sold for 210 guineas. Among the breeding ewes are a number of Royal and other winners, and representatives of this flock won the flock prize at Toronto from 1895 to 1901, inclusive. This year they were not shown in Canada, but were shown at Syracuse, N. Y., where they won every first prize and every second but one. Last year, besides winning the flock prize at Toronto, they won it at London, Syracuse, and Buffalo. This year's lambs are all sired by the above-mentioned rams, and a better formed and fleeced, smoother, even lot could scarcely be found. Especially were we struck by the beauty and symmetry of a bunch of ewe lambs. Perfection is the only word that describes them. At the time of our visit, Mr. Smith was crating 26 head for shipment, the bulk of them going to the States. There are still for sale, 10 shearing rams and 30 ram lambs, 20 shearing ewes and a number of ewe lambs.

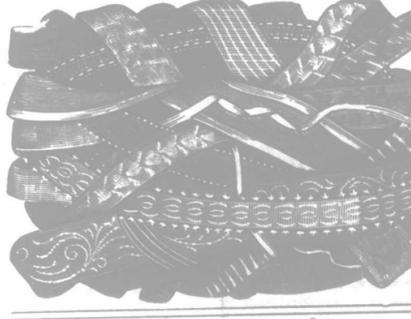
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Elegantly decorated English China, 11 Dinner Plates, 12 Tea Plates, 12 Soup Plates, 12 Cups, 12 Saucers, 12 Fruit Saucers, 12 Butter Pads, 2 Vegetable Dishes, 2 Covers, 1 10-inch Meat Platter, 1 14-inch Meat Platter, 1 Gravy Boat, 1 Tea Pot and Cover, 1 Sugar Bowl and Cover, 1 Creamer and 1 Stop Bonnet. All 97 full size pieces of handsome decorated China given away for selling only 2 doz. packages of delicious Lemon, Vanilla and Almond Flavoring Powders, at 10c. each, and helping us to secure a few more Agents. Our 10c. packages of Flavoring Powders are equal to 15c. worth of Liquid Flavoring and are far better. You can sell the whole 2 doz. packages in a few minutes. Every house-keeper buys one or more. This handsome set will not cost you one cent. All the 97 Pieces are full size for family use. All you need is a few minutes. Write to-day and we will send you the Powders postpaid. Don't miss this chance. The Home Supply Co., Dept. F. 7, Toronto.

GOSSIP.

For nearly a quarter of a century the firm of R. Ness & Son, Howick, Que., have been extensively engaged in the importation of high-class Clydesdale, Percheron and Hackney horses, Ayrshire cattle, and pure-bred poultry. Lately, Mr. Ness, Sr., has returned from the Old Sod with a choice collection of horses, made up of the following: Clydesdales—Primrose Pride 11138, bred by Robt. Cochrane, Portencallie, Stranraer, Scot.; sired by the world's famous sire, Lord, by the noted Darnley 222. He is a bay, three years old, and won first prize at the late Ottawa Exhibition. Cecil 3852, bred by Lords A & L Cecil, Orchardmains, Tunbridge, Kent, Eng., was sired by Macara 6992, dam Minuet 14165, by Cedric 1087; is also a bay, two years old, an extra choice animal and winner of first prize and sweepstakes at Ottawa. Killarney 11882 was bred by David A. Hood, Balgredan, Kirkcubright, sired by Baron's Pride, dam Nancy Lee 13E55, by Flashwood's Best 9211. He is a brown horse, two years old, and won second prize at Ottawa. Proud Baron 11477, bred by Wm Montgomery, Banks, Kirkcubright, sired by Baron's Pride, dam Jess of Banks 8805, by Young Ross 1370, is

a bay, two years old. Royal Stair 11509, bred by Mrs. Hood, Dormiston, Coynton, Ayrshire, sired by Royal Carrick 10270, dam Missie of Dormiston 14250, and sired by Skelmorlie 4027, is a bay two-year-old, and was the winner of third prize at Ottawa. Baron Lang is a four-year-old, a big, well-balanced brown horse, sired by Sir Everitt, dam Broomfield Lass. These horses were all selected from the most noted studs in England and Scotland, for their superior breeding, conformation, quality, action, bone and feet, and it is safe to say that it is many a day since a better lot of up-to-date Clydesdale stallions were landed on our shores. In Hackneys, Mr. Ness brought only one, but he is a cracker. He is Bally Garton (142) 7348, bred by F. J. Batchelor, Alvechwick, Eng., sired by the noted Garton Duke of Connaught 8109, dam Lady Allington 6887, by the famous Danegelt 174. He is a beautiful black, choke-full of style, quality and action, and carried off first and sweepstakes at Ottawa and first at Toronto this year. Mr. Ness also brought over a splendid Percheron stallion, but the pedigree was not at hand at the time of our visit, so we are not able to give his breeding. These horses are all for sale, and, with their royal breeding and grand individuality, will not stay long at the prices asked.

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All wheels and bearings protected, being perfectly safe in the hands of a child.

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The National is made by The Raymond Mfg. Co. of Guelph, whose success with the celebrated Raymond Sewing Machine is sufficient guarantee of the high finish and workmanship.

In 1901 five machines a day were manufactured. For 1902 the capacity is increased to 25 machines per day, showing the satisfaction given by the National in the past two years.

The 1902 National contains all the strong points found in other separators, and is placed on the market with the guarantee of being the best and most up-to-date machine in every particular offered to the Western farmers to-day.

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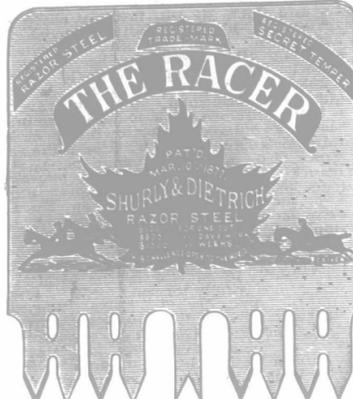
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Importers and breeders of Clydesdale horses and Shorthorn cattle, are now offering 14 stallions, 9 of them imported, including brothers of the world-renowned Byron's Pride, Hiawatha, and Royal Cairn-ton; also 13 mares bred from imported stock. Shorthorns, imported and home-bred, all ages. Stations: Oshawa & Brooklin, G. T. R., Myrtle, C. P. R. Long-distance Telephone, Columbus. Telegraph, Brooklin.

NEW USE FOR REFINED PARAFFINE WAX.—A new and important use for Refined Paraffine Wax seems to have been discovered by a prominent resident of Ohio living near Lancaster, who had two trees badly damaged by storm, one being a maple and the other an apple. In each case a large limb was broken down from the trunk, but still attached to it. The limbs were propped up and fastened securely with straps, very much as a broken leg might be fastened with splints, and then melted refined wax poured into and over all the cracks. The "surgical operation" was entirely successful. The Paraffine prevented the escape of the sap, kept out the rain and moisture which would have rotted the trees, prevented the depredations of insects, and the limbs seem thus far to be perfectly re-attached to the trees.

Clydesdales and Shorthorns

FOR SALE: Seven choice young stallions, and several young mares and fillies. Five young bulls and bull calves, and thirty-five excellent young cows and heifers. Mostly registered in the American Herdbook.

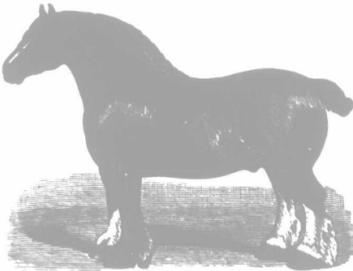
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JOHN BRIGHT, MYRTLE, ONTARIO.

Dalgety Bros.

LONDON, ONT..

Largest Importers of Horses in Canada.



Having sold out our last importation of Clydesdale stallions, another consignment per S.S. Marina of 16 STALLIONS, Clydes and Hackneys, and 10 mares will be at the Black Horse Hotel, Toronto, about the 14th of October, and will be on view there for two weeks, and will include many valuable horses, combining size, quality, breeding and action. Great care has been taken in the selection of this consignment. We have imported a great many winners at the principal shows, which goes to prove that we bring out the right kind of horses. We are in an excellent position to offer buyers the best quality at most reasonable prices, having made our selection in person, and with great care, to meet the requirements of the Canadian trade. Parties desiring to purchase either stallions or mares, please write or call upon us.

om **DALGETY BROS., LONDON, ONT.**

TROUT CREEK HERD OF Shorthorns

Won first prize for herd and the championship for best bull and best female any age, at Toronto Industrial and Pan-American Exhibitions, 1901. We keep constantly in our herd a choice lot of imported and Canadian-bred cattle of both sexes. Personal inspection invited. Parties desiring to see the herd will be met on arrival of trains if notice is given. Visitors always welcome. Address:

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GRAND'S



COR. SIMCOE AND NELSON STS., TORONTO.

Auction Sale of Horses, Carriages, Harness, etc., every Tuesday and Friday at 11 o'clock. Private Sale every day. Correspondence solicited.

THE GREAT SPECIAL AUCTION SALE OF

200 HORSES

PERCHERONS AND SHIRES.

Monday and Tuesday, Oct. 13-14 AT 10 O'CLOCK EACH DAY.

By instructions from Mr. W. R. Dobbie, Pincher Creek, N.W. T., the following splendid consignment will be sold, without the slightest reserve:

80 MARES

1,200 to 1,400 pounds, 40 with foals at foot, and all sired by imported Shire or Percheron stallions.

50 Geldings, Three to Six Years.
30 Yearlings and Two-year-olds.
40 Foals.

This is the entire stock of this successful breeding establishment, and a genuine unreserved sale. The stock is first-class, being from imported sires, and is in fine condition. All are smoothly made, blocky patterns, with good-looking heads and necks, clean flat legs with very little hair; gentle disposition, all being bred from domesticated stock. They are all horses weighing from 1,200 to 1,400 pounds, the most useful and best selling size for all purposes, being 15 hands to 16 hands high.

The stock will be at the Repository for two or three days previous to date of sale, for inspection. Horses purchased at this sale for shipment out of Toronto will be loaded on the cars free of charge. All these horses have splendid action. In the lot is a very fine pair of bay Coach horses, 2,400 pounds; black points, good action and worth seeing. For further particulars address:

Walter Harland Smith,

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The great annual sale of Trotters and Pacers will take place this year on Monday and Tuesday, Oct. 20-21. Entries should be made early to appear on catalogue, on

DR. PAGE'S ENGLISH SPAVIN CURE

For the cure of Spavins, Ringbone, Curbs, Splints, Windgalls, Capped Hock, Strains or Bruises, Thick Neck from Distemper, 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 YORKSHIRE 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.

CLYDESDALES

AYRSHIRES and POULTRY.

R. Ness & Sons, Howick, Que.

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 Carrick, 1 Percheron, and 1 Hackney, winners. Ayrshires of both sexes, and poultry.

LADY'S WATCH

FREE for selling at 10c. each, only 1 doz. packages of Lemon, Vanilla and Almond Flavoring Powders and securing a few more agents for us. One package equals 15c. worth of Liquid Flavoring, and is far better. Every housekeeper buys one or more packages. You can earn this watch in a few minutes. It is a little beauty with silver nickel case, fancy decorated dial, gold hands and stem wind and set, reliable imported works. Write to-day and we will send you the Flavoring Powders, postpaid. We trust you. HOME SUPPLY CO., DEPT. F. A., TORONTO.



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A number of beautiful prize-bred, pedigreed Shetland Ponies for sale, from the Countess of Hopetoun's stud, including brood mares and young stock by noted prizewinners. Apply to:

A. AGNEW RALSTON, Philipstoun House, Philipstoun, Scotland.

ROSEDALE STOCK FARM.

Clyde and Shire Horses, Shorthorn Cattle, Leicester Sheep. The imp. first-prize Shire stallion, Newharris Duke and the four-year-old Clyde stallion, Gay Gordon, half-brother to Hiawatha, now in service. The imp. bull, Chief Ruler, bred by W. S. Marr, Uppermill, heads the herd. Young bulls and females for sale. Our flock of Leicesters has won at the leading shows of Canada and U. S., and we have a grand lot of rams and ewes for sale. My motto: The best is none too good. J. M. GARHOUSE, HIGHFIELD P. O. MALTON, G. T. R.; WYTON, C. P. R.

KINELLAR LODGE STOCK FARM.

Clydesdale horses, Shorthorn cattle, Cotswold sheep, and Berkshire pigs. I have for sale 3 young bulls, 3 shearing bucks and 2 two-shears, and 6 shearing ewes; also this season's crop of lambs, both sexes; Berkshire boar and 2 sows.

J. I. BALSDON, Markham P. O. and Sta.

CLYDESDALES

FOR SALE.

Fifteen Clydesdale stallions, 9 of them imported, 4 of them are by the renowned sire, Baron's Pride. I also have a number of mares and fillies for sale.

O. SORBY, GUELPH, ONTARIO.

We are offering some young Durham bulls, cows and heifers, and 20 Berkshires and 10 Yorkshires, of both sexes. Prices reasonable.

Could supply a carload of 2-year-old stock steers. Correspondence solicited, or come and see our stock. No sale, no harm. Visitors welcome to

CAMDEN VIEW FARM, A. J. C. SHAW & SONS, Thamesville, Ont.

ABERDEEN - ANGUS.

For Sale: Laird of Tweedhill 29486. A prizewinner, 4 years old; 1-year-old bull and two bull calves, sired by him and out of winners.

W. HALL, Washington P. O. Drumbo Station.

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WILLIAM GARRUTHERS, Breeder of high-class Shorthorn cattle, Oxford Down sheep, and Yorkshire pigs. CASHEL, ONTARIO.

The Sunny Side Herefords.

Imp. Sunny Slope Tom 1st a head. We have the best of blood lines, also individual merit. For sale: 8 cows, from 3 to 7 years old; 10 heifers, bred and safe in calf or ready to breed; 1 bull, 2 yrs.; 1 bull, 1 yr., and 12 young bulls ready for service, by our stock bull. Visitors always welcome. O'NEIL BROS., Southgate, Ont. Ilderton station, L. H. & B. Lucas station, G. T. R.

CHOICE HEREFORDS.

A. S. HUNTER, DURHAM, ONT., has for sale the following high-bred Herefords:

25 Young Registered Bulls.
30 Young Registered Heifers.
10 Young Registered Cows.

The above stock are in good condition, and are bred from imported and American-bred sires. Ranchers will do well to inspect this offering.

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H. SMITH, EXETER, ONT. Scotch-bred Shorthorns.

CHOICE SPECIMENS OF BOTH SEXES FOR SALE.

FARM ADJOINS EXETER, ON THE LONDON AND WINGHAM BRANCH OF THE G. T. R. 30 MILES NORTH OF LONDON.

Scotch Shorthorns

BREEDING FEMALES ALL IMPORTED.

Imp. Golden Drop Victor our present stock bull. Eleven young bulls and some young cows for sale at reasonable prices.

H. CARGILL & SON,

Cargill Station, G. T. R. CATALOGUE FREE ON Cargill, Ontario.

ARTHUR JOHNSTON

BREEDER AND IMPORTER OF

SHORTHORNS ONLY.

FOR SALE: Imported bulls and bull calves. Home-bred bulls and bull calves, from imported cows and by imported bulls. Home-bred bull calves. A large and excellent lot of young cows and heifers of various ages.

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Shorthorn Cattle
AND
Lincoln Sheep.



Get of the great sire, Wanderer, of the Oriskany tribe. High-class Shorthorns of all ages for sale. Also prizewinning Lincoln. Apply on

T. E. ROBERTSON,
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Scotch Shorthorns:

Of both sexes, of the following noted families: Golden Drops, Rosebuds, Clara, Matchless, Strathallan, Vain Duchesse, Marr Beauty, Mayflowers, Crimson Flowers, and others; 50 head to select from. Herd headed by the imported Leicester bull, Red Duke - 30084 - (7785).

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FACE TO FACE WITH THE MAN IN THE MOON. LARGE POWERFUL TELESCOPE ALMOST GIVEN AWAY



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REINFORCED BY RECENT IMPORTATIONS of 2 bulls and 20 cows, selected from noted Scotch herds, and including the male and female champions at leading Scottish shows last year. Imported Douglassdale of Dam of Aber, champion at the Pan-American, heads the herd. Representatives of this herd won the first herd prize at the exhibitions at—

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Come and see or write for prices.



Young Bulls and Heifers for Sale, bred from High-class Imported Stock.

Robert Hunter, Manager

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"Tweedhill" Aberdeen-Angus. Individuals of this herd or their calves have been first at all the best shows since 1898. Females and young bulls for sale. JAMES SHARP, ROCKSIDE, ONTARIO, Cheltenham station, C. P. R. and G. T. R.

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Young bulls, cows and heifers of most up-to-date type and breeding. If you want good Herefords at good-value prices, send for illustrated catalogue, and state requirements. Also bred Hereford cows and heifers. H. D. SMITH, Compton, Que.

High Park Stock Farm Galloway Cattle. A few choice young heifers and bulls for sale. Inspection invited. SHAW & MARSTON (Late A. M. & R. Shaw) P. O. Box 294, BRANTFORD, ONT.

Aberfeldy Stock Farm. Scotch and Scotch-topped Shorthorns for sale; b th sexes. Over forty head to select from, of such noted families as (imp) Rollas, Claretta, Lovelys, Rosebuds, Blossoms, Giras, Rosses, and other choice families. JOHN GARHOUSE, HIGHFIELD P. O. WESTON STATION, G. T. R. AND C. P. R.

HIGH-CLASS SHORTHORNS

Imp. Spicy Count 36117 heads the herd. Just now 4 bulls, from 12 to 18 months, 1 very superior; 10 or 15 young cows and heifers in calf; and a lot of Yorkshire pigs. JAS. McARTHUR, Goble's, Ontario.

R. MITCHELL & SON, NELSON P. O., ONT.

Scotch Shorthorns. We now have for sale three red bulls from 7 to 10 mos. old, by imported sires, and out of Imp. Rosemary, Duchess, Gwynne and Mayflower dams. Also a number of females, Scotch and Scotch-topped, in calf to imported bulls. Burlington Jct. Station and Tele. Office.

BELLEVUE SHORTHORNS.

Both sexes. IMPORTED AND HOME BRED. All ages. Prizewinners at home and abroad.

EDWIN BATTYE, GORE BAY P. O. AND PORT.

MANITOULIN ISLAND.

Shorthorns and Leicesters.

Herd Established 1855. A number of young bulls, cows and heifers for sale. Imported Christopher = 28859 = heads the herd of large cows of grand milking qualities. Also a number of Leicesters of both sexes, from imported foundation. JAMES DOUGLAS, CALEDONIA, ONT.

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THORNHILL HERD. ESTABLISHED 27 YEARS. Imp. Royal Member and Sailor Champion now at head of herd, which are all bred on straight Scotch lines, and are of the up-to-date kind. Present offering: some choice young bulls. REDMOND BROS., Millbrook Sta. and P. O.

W. G. PETTIT & SONS

FREEMAN P. O., ONT., IMPORTERS AND BREEDERS OF

Scotch Shorthorns and Shropshire Sheep,

Make a Special Offering for May and June: One of our imp. stock bulls, 3 years old, red; one imp. bull, 2 years, roan; two bulls imp. in dam, 15 months; four bull calves from imp. cows, 12 and 14 months; four home-bred bulls by imp. bulls, 15 to 18 months; seventy-five imp. and home-bred cows and heifers, all ages. Catalogues on application. Burlington Jct., G. T. R. Sta., Tele. & 'Phone.



T. DOUGLAS & SONS, STRATHROY, ONT., BREEDERS OF

Shorthorns & Clydesdales

100 SHORTHORNS TO SELECT FROM. Herd bulls (imp.) Diamond Jubilee = 22861 = and Double Gold = 37853 =. We offer for sale a choice lot of young bulls, cows and heifers of all ages. Also one 3-year-old stallion, and one 4-year-old brood mare. Farm one mile north of town.

FRED. RICHARDSON

Smith & Richardson, Columbus, Ont., returned from Scotland about Aug. 20th with six Clydesdale stallions, including Hopewell (11375), full brother of the great Glasgow winner, Hiawatha, and Lavender (11349), out of the same mare as Royal Cairnton, the Chicago three-year-old winner in 1901, and Pioneer 11131, sired by Sir Arthur, owned by Whitby Clydesdale Association. Also a pair of two-year-old fillies for Mr. George Gormley, Unionville.

SHORTHORNS FOR SALE: 6 yearling bulls, cows and heifers, all ages. Cows and heifers in calf to Sir James, deep milkers.

H. E. HIND, Hagersville P. O. and Station, G. T. R. and M. O. R.

SHORTHORN BULLS FOR SALE: A choice lot of Shorthorn bulls from 10 to 16 months old, sired by Imp. British Statesman (53728) = 20833 =; and cows of the Mara family. They must be sold at once. Prices away down to suit customers. FITZGERALD BROS., Elmville Station, G. T. R. Mount St. Louis P. O.

J. & W. B. WATT, SALEM, ONTARIO.

POST OFFICE AND TELEGRAPH OFFICE, BREEDERS AND IMPORTERS OF

Shorthorn Cattle, Clydesdales, Leicesters, Oxfords, and Berkshire Pigs.

Our herd represents such families as Matchless, English Lady, Mildreds, Village Buds, Missies, Stamford, Mysies, Vanillas, Claretta, Marthas, and others. The imported bull, Scottish Peer, and Coming Star, a prizewinner at Chicago in 1901, head the herd. Imported and home-bred stock for sale. Also twenty registered ewes and lambs. Farms 2 miles from Elora Sta., G. T. R. and C. P. R., 13 miles north of Guelph.

Shorthorns & Yorkshires

We are offering two Shorthorn bulls, 13 and 18 months, bred close to imported stock, at \$50 each. Two-months Yorkshire pigs, sired by our Toronto winner, at \$7 Embden goose eggs, 25c. each. Barred Rock eggs, five settings for \$2.

W. R. BOWMAN, MT. FOREST, ONT.

Shorthorns and Yorkshires In Shorthorns we are offering four young bulls from 7 to 9 months, also a few heifers. In Yorkshires we can supply either sex of various ages. All at J. R. McCallum & Son, living prices. Iona Sta. and P. O., Elgin Co.

LAKE VIEW STOCK FARM.

SCOTCH SHORTHORNS, both sexes, all ages. As good as the best. Meaford Station, JAMES BOWES, G. T. R. North, Strathclair P. O.

Maple Lodge Stock Farm.

ESTABLISHED 1854. SHORTHORNS.—First-prize milking strains, best Scotch breeding. Young bulls and heifers for sale. LEICESTERS.—A grand lot of ewes, bred to our imported rams, and a few choice rams, now for sale.

A. W. SMITH, Altona Craig Station, Maple Lodge P. O., G. T. R., 3 1/2 miles.

SHORTHORNS, SHROPSHIRE, COTSWOLDS.

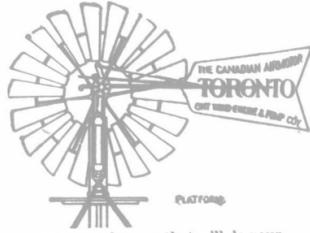
We are now offering a number of heifers and heifer calves; a few bull calves; a number of cows; all bred in the purple and as good as the best. Also Shropshire and Cotswold sheep. JOSEPH BELL ESTATE, Bradford P. O. & Sta.

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Am offering at present the grand stock boar, Crown Prince; also some young ones. ISRAEL GROFF, ALMA, ONTARIO.

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"ORCHARD HILL" SHORTHORNS.

Herd comprises representatives of best Scotch-bred families, with Lord Lavender at head. Young animals of both sexes for sale. om ARTHUR JOHNSTON, Vandeleur, Ont.

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Imp. Prince William at head of herd. Stock for sale.

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I am now offering 6 choice young bulls, from 8 to 16 months old, sired by Lord Lavender 26355. They are rare good ones. Price right. om H. PARKER, DURHAM P. O. and STATION.

SHORTHORNS: We are offering 3 extra choice yearling bulls, all from imported sires, straight Cruickshank, with Lavender and Miss Ramsden dams. THOS. ALLIN & BROS., Oshawa, Ont.

CHARLES RANKIN, WYEBRIDGE, ONT.

Importer and breeder of Shorthorns, Oxford Downs and Berkshire Pigs. Young stock always on hand.

QUEENSTON HEIGHTS SHORTHORNS

SCOTCH AND SCOTCH TOPPED

In service: Derby (Imp.) = 32057 =; Lord Montalis, by Collynie Archer (imp.) = 28860 =. Some choice heifers and young cows with calf at foot or in calf to imported bull at moderate prices.

HUDSON USHER, QUEENSTON, ONT.

FARM 3 MILES NORTH NIAGARA FALLS

SHORTHORNS:

JILTS and MARAS: 6 heifers from 1 to 3 years old; 5 with calves at foot and in calf again to Imp. British Statesman. LOUIS ELLARD, Loretta P. O., Beeton Sta.

For Sale Some choice young YORKSHIRES (Hollywell strain) of both sexes and different ages; also young Shorthorn bulls, sired by British Hope (30946). Price moderate. Write: C. & J. CAKRUTHERS, Cobourg Station and P. O., Ont.

Mercer's Shorthorns

Are represented by Missies, Stamford, Floras, Claret Princesses, Red Roses, Fashions, Crimson Flowers, and Matchless families. Headed by Village Squire 24983, a son of Abbotsford. Stock of both sexes and all ages for sale. T. MERCER, MARKDALE P. O. & STN.

Shorthorn Cattle, Lincoln Sheep

Imp. Prime Minister at head of herd. Imp. Clippers, Miss Ramsdens, and other Scotch families. Lincolns won more than half the money and first for flock at the Pan-American; International, Chicago, 1901 and 1902. J. T. GIBSON, DENFIELD, ONT.

SHORTHORNS FOR SALE

Sired by Scottish Chief and Abbotsford, and from prizewinning dams. Also cows, heifers, and Berkshire pigs. ALEX. LOVE, EAGLE P. O. BIRMINGHAM STATION ON M. C. R.

SHORTHORNS (IMP.)

Cows and heifers, imp. and home-bred. Bulls, imp. and home-bred—all ages. Representing the fashionable blood of Scotland. om

EDWARD ROBINSON, MARKHAM P. O. & STN.

HAWTHORN HERD

of deep-milking Shorthorns for sale. Six young bulls of first-class quality and breeding and from AI dairy cows. W. GRAINGER & SON, Londonboro, Ont.

JOHN DRYDEN & SON, BROOKLIN, ONTARIO.

BREEDERS OF CRUICKSHANK SHORTHORNS AND CHOICE SHROPSHIRE SHEEP.

40 shearing rams and 30 shearing ewes of extra size, substance and quality now for sale. Prices are interesting. Visitors welcome.

Imp. Shorthorns and Lincolns

A. D. MCGUGAN, RODNEY, ONT., P. O. AND STA. Nw offers one year-old roan bull, out of Imp. Day-spring; sire Abbotsford 14946; a prizewinner sure. Also a few choice heifers out of imp. and home-bred dams, and ram lambs out of imp. Dudding ewes.

Rosevale Shorthorns

We are offering for sale several cows and heifers bred to Maringo's Hyden Duke (imp.), son of the great champion Maringo. Also several bred to Golden Able, imp. in dam. Also some choice young bulls. Any wishing to purchase apply at once. om W. J. SHEAN & CO'Y, OWEN SOUND, ONT.

NO HUMBUG'S PERFECT IMPROVED STRAIGHTENING PLIERS

Humane Swine V. Stock Marker and Calf Dehorner. Stops swine of all ages from rooting. Makes 48 different marks, all sizes, with same blade. Extracts Worms. Testimonials free. Price \$1.50 or send \$1 for trial. If it works, send balance. Pat'd U.S. May 6, '02 for 17 yrs.; Canada Dec. 17, '01, 18 yrs. FARMER BRIGHTON, Fairfield, Iowa, U. S.

HIGH-CLASS SCOTCH SHORTHORNS

of the following families, for sale at moderate prices: Village Girls, Broadhocks, Beaufort Roses, Missies, Claretta, Mary Floras, Nonpareils, Minas and other choice families. Write for catalogue. Shropshire rams and ewes for sale as usual. om

FOR SALE.

Three Shorthorn bulls of first-class breeding, sired by Scotland's Fame (imp.). Color: 2 red, 1 roan. Prices right. F. A. GARDNER, BRITANNIA, ONT. Peel County

GEO. D. FLETCHER, BINKHAM, ONT., BREEDER OF SCOTCH AND SCOTCH-TOPPED SHORTHORNS.

This herd represents such families as Mysies, Nonpareils, Crimson Flowers, Languishes butterflies, and others, and is headed by my n.w. famous stock bull, Spicy Robin, grandson of Royal Sailor (imported) and Ruby Vengarth, and bred by J. & W. B. Watt, Salem. Quite a number of young stock of either sex for sale. ERIN SHIPPING STATION, C. P. R.

GEO. ISAAC, BOMANTON, ONT., IMPORTER AND BREEDER OF

Scotch Shorthorn Cattle

Have imported, this year, 68 head of Shorthorns—6 bulls and 62 females. Twenty-seven head due to 1-ave quarantine 11th Sept. Intending purchasers should see this stock or correspond. om BOMANTON P. O., COBOURG STATION, G. T. R.

GREEN GROVE SHORTHORNS:

I am now offering a few heifers, Claretta, Floras, and one Missie; also a choice year-old bull, by Aberdeen of Markham. om W. G. MILSON, GORING P. O. and MAREDALE STATION.

SHORTHORNS (imported)

One imported and one Canadian-bred bull. A few cows and heifers. om THOS. RUSSELL, EXETER, ONT.

LEONARD BURNETT, GREENBANK, ONT., BREEDER OF

Shorthorn cattle and Shropshire sheep.

SHORTHORNS & CLYDESDALES.

For sale, two 2-year-old Shorthorn bulls, one by Imp. Royal Prince, the other by Royal Duke 33577. Good ones. Also one Clydesdale stallion, coming 2 years old. om W. D. PUGH, CLAREMONT P. O. & STATION.

BONNIE BURN STARK FARM,

40 rods north of Stouffville station, offers Scotch Shorthorns; choice Shropshires and Berkshires from imported and Canadian-bred sows. All at farmers' prices. Inspection invited. D. H. RUSSELL.



Baby's Own Soap is a guard against all skin troubles in children. It cleanses, softens, soothes and prevents chafing and sores. IT IS AS GOOD FOR THE OLD AS THE YOUNG. ALBERT TOILET SOAP CO., MFRS. MONTREAL.

ROYAL YEAST CAKES MOST PERFECT MADE.

AWARDED HIGHEST HONORS WORLD'S COLUMBIAN EXPOSITION E. W. GILLETT COMPANY LIMITED Toronto, Ont.

FARMERS AND STOCK-RAISERS.

PROFS. A. & M. DAY'S ENGLISH TONIC Powders furnish all requirements for the cure and prevention of diseases of the horse, cattle, hog, sheep, and poultry. A separate package for each kind of stock. Full directions on each package for preparing a Tonic Food for fattening purposes. Each package of powder is sufficient to prepare 25 to 40 pounds of Tonic Food. 35 cents a package. For sale in most towns; if not in your town, write us for free sample. Mention kind wanted.

THE DAY'S STOCK FOOD CO'Y, TORONTO, ONT.

SHORTHORNS AND LINCOLNS. J. K. HUX, Rodney, Elgin Co., Ont., P. O. and Station, now offers 7 young bulls, cows and heifers. Abbot'sford 1946 now at head of herd. Also ram lambs out of imp. Dudding ewes.

SHORTHORNS. FOR SALE: 4 females, from 1 year to 4 years. These are served by Imp. Golden Conqueror, Vol. 17. Also two bulls out of Royal Ury = 23630 =. AMOS SMITH, Listowel Station. Trowbridge P. O.

SCOTCH SHORTHORNS. Urys, Stamfords and Matchless. Young, vigorous females, all ages, for sale. Shropshire sheep and Yorkshire pigs. ROBT. BATTY, Glenbourne Farm. Meaford P. O. & Sta.

SCOTCH SHORTHORNS! Nonpareils, Mysias, Isabellas, Urys, Minas, Strawberries, and Matchless. Animals of both sexes and all ages for sale. Also choice Berkshires. J. W. HARTMAN & SONS, Montrose Farm. Elm Hedge P. O. Meaford Sta.

CHOICE SHORTHORNS. 4 bulls, from 5 to 17 months old, sired by Ashburn Duke; also a few heifers, sired by Indian Duke; for sale. J. R. HARVIE, Orillia P. O. and Station.

ASHTON FRONT VIEW STOCK FARM. Six Shorthorn Bulls for sale, from 8 to 15 months old; all of choice breeding. Also Cotswolds of all ages for sale at all times. Visitors welcome. A. J. WATSON, Castlederg, Ont. C. P. R. Station and Telegraph Office, Bolton; or G. T. R., Palgrave.

GOSSIP.

D. C. Flatt & Son, Millgrove, have sold, from their Summerhill Herd, to Jas. A. Russell, Precious Corners, Ont., the second-prize yearling Yorkshire sow at the late Toronto Exhibition, for a price well up among the highest ever paid for a sow of the breed in Canada. She is a splendid representative of the best type of Yorkshires, and is bred in the purple, having been selected from the noted Palmeny herd of Lord Roseberry, and imported by Messrs. Flatt.

Quinn Bros., Brampton, Ont., have sold the Thoroughbred stallion, Woodburn, to Henry Horne, of Prince Edward Island. Woodburn has twice won the sweepstakes silver medal at Toronto Industrial Exhibition, namely, in 1896 and 1901, and this year he was awarded first prize at Toronto in the class of Thoroughbred stallion best calculated to produce hunters and saddle horses. He has had a very successful career as a sire of saleable horses, as well as in prizewinning.

Messrs. F. Bonnycastle & Son, breeders of Shorthorn cattle and Cotswold sheep, in ordering change in their advertisement, write: "The bull and heifer calves we are offering are a choice lot. Bates and Scotch breeding, from good milking dams. We are offering the calves for \$55 each, registered and freight paid to any part of Ontario or Quebec. In ram lambs, ewe lambs, and yearling ewes, we are offering an extra good lot, registered in the American Cotswold Record. Thanks to your valuable paper, we are making a good many sales and getting a great many enquiries. The demand for Shorthorns is better than ever."

The ninth annual meeting of the American Southdown Breeders' Association was held Tuesday evening, September 9, in the rooms of the Administration Building at the Fair Grounds, Toronto, Canada. There was a good attendance of members of the Association living in Canada, but the representation from the United States was small. The Secretary's and Treasurer's reports show that the Association is in a good financial condition, and that the past year has been one of the best in the history of the Association. Officers were elected as follows: President, John Jackson, Abington, Ont. Can.; Secretary, Frank S. Springer, Springfield, Ill.; Treasurer, H. H. Deereau, Springfield, Ill.; Directors—George McKerrrow, Sussex, Wis.; George Teller, Paris, Ont. Can.; and George T. Stearns, Palmyra, N. Y.

SHROPSHIRE AT AUCTION.

Attention is directed to the advertisement on another page of the dispersion sale of the flock of Shropshire sheep belonging to Mr. N. W. Switzer, of Streetsville, Ont., to take place on Oct. 13th. The flock, comprising about 50 head of ewes, rams and ram lambs, has been carefully bred and well handled, being founded on imported stock, first-class imported rams being used, and is well up to the standard of the best in quality and character. The farm is close to Streetsville Junction, on the C. P. R. Make a note of the date, and keep the sale in mind.

COMFORT ECONOMY

Two good things to think of in Canada at winter time, especially in view of the coal situation. Our

Economy

COMBINATION HEATER

is easily worked. Burns little fuel. Gives good heat, even in the small hours. Write for catalogue and particulars.

J. F. PEASE FURNACE CO., LIMITED.

189-193 Queen Street, East, TORONTO.

All the world's a stage. Elgin Watches are the prompters. Elgin Watches

are the world's standard for pocket time-pieces. Sold by every jeweler in the land; guaranteed by the world's greatest watch works. Booklet free.

ELGIN NATIONAL WATCH CO. ELGIN, ILLINOIS.

SPRINGBANK FARM. Shorthorn Cattle, Oxford Sheep, and Bronze Turkeys. Young bulls for sale.

JAS. TOLTON, WALKERTON, ONT.

SPRUCE HEDGE SHORTHORNS.

We are offering females of all ages. Among them are prizewinners and youngsters that are sure to win. JOHN McKENZIE, Keward P.O. and Chatsworth Station, C.P.R.

SCOTCH SHORTHORNS.

We are now offering a few young bulls, from 6 to 11 months; also a few heifers, from 6 months to 2 years; all showing No. 1 quality.



W. G. HOWDEN, COLUMBUS P. O.

Shorthorns, Clydesdales, Yorkshires

I am now offering the bull, Count Amaranth, imp. in dam, 2 years old, and young bulls 10 months old; heifers, various ages; Clydesdales, American and Canadian registered; and Yorkshires, both sexes and all ages.

A. E. HOSKIN, SPRINGVALE FARM, COBBOURG STA. & P.O.

Shorthorns, Clydesdales, Yorkshires

Shorthorns of both sexes, all ages. Scotch and Scotch-topped Clydesdales, 1 fully 3 yrs. old, and 1 fully 2 yrs. old, registered. Yorkshires, both sexes, something especially nice, just now about 4 months old.

W. ORMISTON, JR., COLUMBUS P. O. Myrtle, C.P.R.; Brooklin, G.T.R.

Shorthorns, Cotswolds & Berkshires

FOR SALE: 9 bull calves from three to nine months old; also cows, heifers and heifer calves. A choice lot of ram lambs, ewe lambs and yearling ewes. Young pigs of the long bacon type, from two to four months old. Can supply pairs not related.

F. BONNYCASTLE & SONS, Campbellford, Ont.

RARE YOUNG BULLS

of serviceable age for sale; also females of all ages. Roans and reds. Prices right.

E. & C. Parkinson, Thornbury P. O. & Stn., G.T.R.

Brookbank Holsteins

16 to 25 lbs. of butter in 7 days' official test are the records of this herd of Holstein cows. Heifers of equivalent records. Bulls for sale whose sires and dams are in the Advanced Registry, with large official butter records.

GEO. RICE, Currie's Crossing, Ontario. OXFORD COUNTY.

Riverside Holsteins.

Victor De Kol Pietertje heads the herd, assisted by Johanna Rue 4th Lad, whose five nearest dams, including the record of his dam made at 25 months old, average ("official") 82.6 lbs. milk per day and 21.86 lbs. butter in one week.

MATT. RICHARDSON & SON, Haldimand Co. CALEDONIA, ONT.

THE ONTARIO VETERINARY COLLEGE (LIMITED).

TEMPERANCE ST., TORONTO, CANADA. Affiliated with the University of Toronto. Patrons: Governor-General of Canada, and Lieut. Governor of Ontario. Fee \$65.00 per session. Apply to ANDREW SMITH, F.R.C.V.S., Principal. 18-2-y-on

HOLSTEINS, TAMWORTHS, COTSWOLDS.

Present offering: Young boars and sows fit to breed, and younger ones. Choice animals. Ram and ewe lambs and two 2-shear rams. Perfect covering.

R. O. MORROW, Hilton P. O., Brighton Sta.

GOSSIP.

Shropshire sheep, shearing rams, ram lambs and young ewes, also Shorthorn bulls and young cow, are advertised by Jos. B. Snyder, Waterloo, Ont.

Poultry and eggs are wanted by the Toronto Poultry and Produce Co., 470 Yonge St., Toronto, whose advertisement in this paper announces that they are prepared to pay the highest market prices for chickens, ducks, turkeys and geese. Write them for prices and particulars—it may be to your advantage.

A GREAT SALE OF HORSES ANNOUNCED.

A great special sale of 200 Northwest working horses, Percherons and Shires, is advertised in this paper to take place in Toronto on Oct. 13th and 14th, at 10 o'clock each day. This is an opportunity for farmers having plenty of feed and short of horseflesh to stock up at their own price, as the sale is an unreserved dispersion of the entire stock of a rancher who is retiring. The stock is said to be of a good class, the progeny of imported sires, and of blocky type, weighing from 1,300 to 1,400 lbs., and from 15 to 16 hands high. Readers interested will do well to look up the advertisement.

WALTER HALL'S ABERDEEN-ANGUS HERD.

Five miles north of Drumbo station, G. T. R. and C. P. R., in the County of Oxford, lies Maple Bank Stock Farm, the property of Mr. Walter Hall, Washington, Ont., importer and breeder of Aberdeen-Angus cattle. This herd now numbers 24 head of imported and home-bred animals, headed by that wonderfully-successful show bull, Laird of Tweedhill 29486, by Lord Aberdeen 8rd 20824, dam Lady Kyma 17607. This grand old bull was a successful prizewinner at Ottawa, Toronto, and London, and is the sire of a number of young animals in the herd that are as near perfect as possible. He is now four years old, and owing to a fresh importation made by Mr. Hall this summer, is for sale. Breeders wanting a sire to head their herd will be slow if they miss the opportunity of getting this bull. Mr. Hall's newly-imported stock bull is Klondyke of the Burn 16748; purchased from the Earl of Roseberry. He is sired by Rover, of Craibstone 12948, a bull that has an unbeaten record in the prize-ring, and his dam, Pride of Powrie 4th, won first prize at the Highland Agricultural Societies Show. His dam is Kathleen of Morlich, by Prince Inca. This bull was never shown, but should nothing happen, he will be found on hand another year, and from present appearances he will get there. Among the females, we were particularly struck with the smooth, sweet appearance of the cow, imp. Pride of Aberdeen 195th, sire Marquis of Moray, dam Pride of Aberdeen 68th, by Everist. She is suckling a particularly nice five-months-old heifer calf, sired by Fluster. Another grand cow is Lady Gladstone 89362, sired by Lucretius 17109, dam Flora of Kinnoul Park 15882. This cow is winner of sweepstakes at Ottawa, Toronto, and London in 1901 and 1902, and when it is remembered that she was suckling a calf that was only weaned at Toronto Exhibition, and it shows that she is possessed of marvellous productive powers, both of milk and flesh. The calf just weaned is a bull, sired by the old stock bull, and is the making of a winner. Besides this cow there are in the herd no less than three other sweepstakes winners, besides a number of lesser prizewinners. Another fact that should not be lost sight of is that Mr. Hall has never yet had a heifer come in that did not produce an abundance of milk to feed the calf, a very essential qualification in pure-bred breeding cows. At present there are for sale, besides the stock bull already mentioned, 1 yearling bull and 2 bull calves. Note Mr. Hall's advt. and write him to Washington P. O. for particulars.

MICA
Makes short roads.
AXLE
And light loads.
GREASE
Good for everything
that runs on wheels.
Sold Everywhere.
Made by IMPERIAL OIL CO.

FREE **GOLD WATCH**
LADY'S OR GENT'S SIZE
Bubble Hunting case, beautifully
Gold finished and richly engraved in
handsome Gold design, stem
wind and set, imported jeweled
works, accurate and reliable. A
very beautiful watch. Looks
worth \$50.00. We give it for
selling at 15c. each only 1 Gen-
tlemen's Gold finished Hat Pins,
with beautifully designed tops set
with large sparkling imitation
Sapphires, Rubies, Emeralds,
etc., and helping us to get a few more
agents. Our Hat Pins look
worth 50c. and sell like hot
cakes. You can earn this elegant watch in a
few minutes. Write to-day and we will send Hat Pins
gratis. **JEWELRY CO., Dept. F. H. TORONTO**

Water Basins.

O. W. E. & P. CO.
TORONTO

EIGHT REASONS FOR ADOPTING THE Woodward Water Basins.

3rd. You can always rely that your stock are well watered; not "SWILLED," but the right quantity at the right time. 7% of MILK is WATER. A constant supply of water is absolutely necessary.

Fourth Reason Next Issue.
Ont. Wind Engine & Pump Co., Ltd.
TORONTO.

WHY?

Why do the best American breeders so eagerly pick up Maple Grove Holsteins and their descendants? Simply because they combine type, individuality, rich breeding and large production in the highest possible degree. Canadian dairymen should strive to keep them here. For prices and description, write

H. BOLLERT, CASSEL, ONT.

4 HOLSTEIN BULLS 4
For Sale: From 4 to 7 months old, having sires in their pedigrees from such strains as Inka, Netherland, Royal Aggie, and Tritonia Prince, and out of imported females that have proven their worth at the fair. **THOS. B. CARLAW & SON,** Warkworth.

Ridgedale Farm Holstein-Friesians for Sale.
3 yearling bulls; also bull and heifer calves; all of choice breeding. Prices always reasonable. Write, or come and see them. **E. W. WALKER, Utica F. O.** Shipping stations: Port Perry, G. T. R.; Myrtle, C.P.R. com

COME and see me at Toronto and inspect my De Kol bull and his get; also my other stock. A select lot of Holsteins and Tamworths on hand.

A. C. Hallman, Breslau, Ont.

JERSEYS, COTSWOLDS, YORKSHIRES.
Registered Jersey cattle, Cotswold sheep and Yorkshire pigs for sale. A few nice heifers, 6 mos. to 2 years, and 1 yearling bull, by Count of Pine Ridge, grandson of Adelaide of St. Lambert, record 84 lbs. milk daily. om **WM. WILLIS, NEWMARKET, ONT.**

JERSEYS:
Present offering: Two bulls, 8 months old; solid color; choice animals; sired by Nero of Glen Rouge, and out of deep-milking dams.
E. B. HINMAN & SONS, GRAFTON, ONT.

GOSSIP.

At the Perth sale of Border Leicester ram lambs, last month, the highest price, £21, was realized by Mr. D. Ferguson, Dalcaon, for the first-prize winner. The highest average of the sale, £9 10s., was made by Mr. Hume, Barrellwell, for 17 head.

The extension ladders made by the Waggoner Ladder Co. and advertised in this paper are a great convenience in fruit-picking, as well as being entirely satisfactory for all the other purposes for which a ladder is required on the farm, including painting of buildings, repairing roofs, etc. These ladders have the advantage of being both light and strong, being made of first-class material and are readily lengthened or shortened, as required, and the cost is moderate.

Spruce Grove stock farm is situated in the County of Oxford, six miles from either Tavistock or New Dundee stations, and is the property of Mr. F. C. Smith, New Hamburg P. O., breeder of Shorthorn cattle and Yorkshire hogs. Among the Shorthorns, which are Scotch-bred, are six females from one to four years old, that are for sale: ideal animals, above the ordinary in type, quality and finish. The Yorkshires are all from the noted prizewinning Summer Hill herd of Mr. D. C. Platt. The stock boar is S. H. Member, winner of second prize at Toronto Industrial this year, which speaks for his quality. He is sired by Imp. Bottesford Wonder. Of breeding sows, there are ten, all of them sired by that grand old prizewinning boar, S. H. Challenge. They are an extra choice lot, and, coupled with the perfect stock boar, it is a foregone certainty that the produce will be perfect specimens of the breed. Lately, Mr. Smith has purchased a couple of other breeding sows, in no way related to the others, so that very shortly he will be in a position to supply both sexes, not akin. At present there are a number of young animals of both sexes on hand for sale.

At the Iowa State Fair the prizes in the principal section of the Shorthorn class were awarded as follows, Prof. Curtiss and J. G. Imboden being the judges: Aged bulls—1 and champion, G. M. Casey's Choice Goods, imported by W. D. Platt, Hamilton, Ont.; 2 Geo. E. Ward's Lord Banff, also imported by Mr. Platt; 3 Geo. Harding & Son's Golden Victor; 4 E. W. Bowen's Speculator, the Pan-American champion, imported by Mr. Platt. Two-year-old bull—1 Harding's Nonpareil of Cloverblossom; 2 C. F. Rice's Marmaduke 2nd; 3 T. J. Wornall's Valley Count. Yearling bull—1 Harding's Ceremonious Archer; 2 Ryan's Master of the Ring; 3 Thompson's Erring Knight. Cows—1 and champion, Casey's Ruberta; 2 Bowen's Missie 1654; 3 Rice's Josephine; 4 Harding's 55th Duchess of Gloster; 5 Bowen's Stella; 6 Casey's Cicely, the English and Pan-American champion, who has raised a calf and was not in the bloom she appeared in last year. Two-year-old heifers—1 Harding's Golden Fame's Belle, by Imp. Golden Fame, sold at Mr. Platt's first sale; 2 Casey's Oneida; 3 Casey's Clarissa. Yearling heifer—1 Bowen's Queen of Beauty; 2 Harding's Gloster, sired by Knuckleduster; 3 Casey's Lad's Goldie. Grad-od herd—1 Casey; 2 Harding; 3 Bowen. Young herd—1 Harding; 2 Thompson; 3 Wornall. Get of sire—Wornall, on Viscount of Anoka; 2 Thompson, on Gallant Knight; 3 Harding, on Best of Archers. Produce of cow—1 Harding, on Lady in Waiting; 2 Harding, on Rosedale Violet 9th; 3 Thompson, on Rose Stern 2nd.

\$7,500 FOR A SHORTHORN BULL.

The well-known Scotch-bred Shorthorn bull, Caledon Chief, has recently been sold at auction, in Buenos Ayres, for £1,500 (or \$7,500). His sire was Laureate, bred at Collynie, by Mr. Duthie, being a son of Scottish Archer, out of Lady Mysie, by Field Marshal. The dam of Caledon Chief was by Sign of Riches, and out of Bessie XXX, by Athabasca. Caledon Chief was hired last year by Mr. Duthie, who has some of his sons in the coming annual sale of calves from the Collynie and Uppermill herds.

MANOR FARM SHORTHORNS AND LINCOLNS.

There may be those who will say there is nothing in name, but in this enlightened age name and reputation count for much. Such is the happy heritage of Mr. J. T. Gibson, of Denfield, Ont., importer and breeder of Scotch Shorthorn cattle and Lincoln sheep, of which Manor Farm, Denfield, Ont., is the home. The Shorthorns belong to the well-known Miss Ramsden, Cicely, Mina, Bessie and Matilda families, headed by the grand old Duthie breed bull, Imp. Prime Minister, who is the sire of a number of choice one-year-old heifers that are for sale. Mr. Gibson's Shorthorns are all of the up-to-date kind, short-legged, thick, fleshy animals, and are in the pink of condition. There are also several young bulls coming on, that will be for sale a little later, two of them, out of Mina cows, that are especially good ones. They are now five months old. But if there is one thing more than any other that has made Manor Farm famous, it is the high-class flock of Lincoln sheep maintained there. For many years Mr. Gibson has been making periodical trips to his native Lincolnshire, picking up here and there, the best types of this breed he could find, the bulk of his purchases being made from the flocks of such noted breeders as Dudding, Dean & Son, Casswell, and Pierce, a great many of them being Royal and other winners, and the ring record of Manor Lincolns in Canada and the United States is almost one continual record of unbroken successes. This year they won at Toronto and London, everything in sight, and are now starting on a tour of the leading American shows, including Illinois State Fair, St. Louis, etc., ending up at the International at Chicago. This year's lambs are all sired by an imported Wright-bred ram. Mr. Gibson reports the demand for Lincolns as unprecedented in all his experience, and prices better than for years. Lately he has shipped sheep to British Columbia, to the Minnesota State Farm, Montana State Farm, several private parties in different parts of the States, and all over Canada, and has now orders booked ahead, and has still for sale shearing rams and ewes and ram and ewe lambs.

Fleming's 3 are free if they fail.
No Need of Spavins.
Fleming's Spavin Cure will not fail. Simple, harmless, not painful, and one application usually cures. All old ideas about spavins do not count against this remedy; it is different and certain.
Short, Texas, July 24, 1901.
"I bought a bottle of your Spavin Cure last year. The horse treated is now perfectly sound."—Dr. John R. Simms.
Curbs, Splint, Ringbone, etc., cured just as quick. You can't afford not to write at once for our free booklet.
Lump Jaw Wholly Mastered.
Fleming's Lump Jaw Cure long passed the experimental stage. It positively does cure cases of every degree of severity. Easy to use, harmless, humane. But one to three applications needed. Not a cent of cost if it fails. Free book.
Fistula and Poll Evil Now Easily Cured.
Fleming's Fistula and Poll Evil Cure makes the cure of these diseases easy, and a matter of two to four weeks only where other treatment requires months and often fails. This has never yet failed, and if it ever does it costs nothing. We have an important treatise for you.
Write us today for circulars. Mention this paper.
FLEMING BROS., Chemists,
36 Front St., West, Toronto, Ont.

PAGE WIRE FENCE
This is the Page Standard II Bar Fence, made of "Page" wire which is twice as strong as common wire. The continuous coil, note wavy appearance, allows for expansion and contraction which is important owing to Canadian climate. Our upright wires are in one piece and have strength of about 800 pounds. If made of pieces spliced at each horizontal, they would have a strength of only about 300 pounds. We also make gates, ornamental fences, poultry netting, nails and staples.
The Page Wire Fence Co., Limited, Walkerville, Ont.

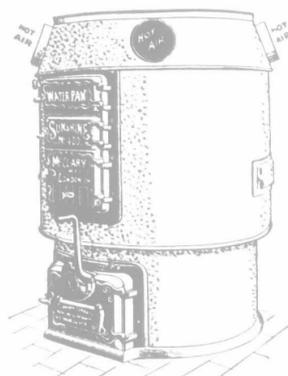
Burn Coal or Wood

The fluctuating and, at present, almost prohibitive price of coal makes it necessary to instal heating and cooking apparatus that will burn either coal or wood.

The "Sunshine" furnace and "Cornwall" steel range are built specially for this purpose, and are always supplied with both coal and wood grates and linings.

The "Sunshine" furnace has large double feed-doors, self-acting gas dampers, heavy sectional fire-pot, an entirely steel dome, and is made of the very best materials throughout.

The "Cornwall" steel range is built of the best grades of heavy steel plates, has abestos-lined and ventilated oven, is fitted with "McClary's special" duplex grates, and has every known device for saving time and fuel.



"SUNSHINE" FURNACE.



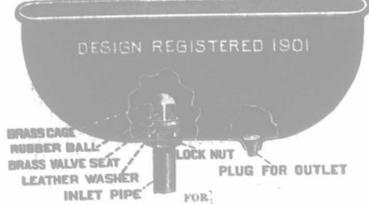
"CORNWALL" STEEL RANGE.

CATALOGUES SENT FREE TO ANY ADDRESS.
McCLARY'S.
LONDON, TORONTO, MONTREAL, WINNIPEG, VANCOUVER; ST. JOHN, N.B.

FUR FREE

Elegant, Soft and Warm. Comfortable and Stylish. Full length, made of soft, warm, glossy, black fur, a perfect imitation of the finest Sable, with real head and three full tails, very pretty. Give us absolutely free for selling at 15c. Pins, Lockets, Cuff Links, Hat Pins, etc., and helping us to get a few more agents. Every piece of our Jewelry looks worth 50c. At 15c. you can sell the 5 pieces in a few minutes. Write today and we will send the Jewelry post-paid. We trust you. Canadian Premium Syndicate, Dept. F. (R. F.), Toronto

DOUBLE BOWL NO 1



Stock Water Bowls

DOUBLE AND SINGLE. PAINTED OR GALVANIZED.

Circular and quotations given. Write: A. M. RUSH, HARRISTON, ONT.

LITTLE'S PATENT FLUID SHEEP DIP AND CATTLE WASH

THE ORIGINAL

Non-Poisonous Fluid Dip

Still the favorite dip, as proved by the testimony of our Minister of Agriculture and other large breeders.

For sheep.

Kills ticks, maggots; cures scab; heals old sores, wounds, etc., and greatly increases and improves growth of wool.

Cattle, horses, pigs, etc.

Cleanses the skin from all insects, and makes the coat beautifully soft and glossy.

Prevents the attack of Warble Fly.

Heals saddle galls, sore shoulders, ulcers, etc. Keeps animals free from infection.

No danger, safe, cheap, and effective

Beware of imitations.

Sold in large tins at 75 cents. Sufficient in each to make from 25 to 40 gallons of wash, according to strength required. Special terms to breeders, ranchmen, and others requiring large quantities.

SOLD BY ALL DRUGGISTS. SEND FOR PAMPHLET.

Robert Wightman, Druggist, Owen Sound. Sole agent for the Dominion.

LAWNRIDGE STOCK FARM.

Jerseys for Sale. Yearling bull and bull eight months old. Registered cows and heifers of choicest breeding and individuality. Some fresh and others coming in soon. 100 head to choose from.

J. L. CLARK, Norval Station, G. T. R. Norval P. O.

72 Head of High-class Jerseys 72

IN THE BRAMPTON JERSEY HERD NOW FOR SALE Two yearling bulls of first-class dairy breeding and sure prizewinners. Seven bull calves, the best we ever had. Also a large number of cows and heifers. We have what you want. Come and see, or address, stating what you want.

E. H. BULL & SON, BRAMPTON, ONT. C. P. R. and G. T. R. stations within 2 miles of farm.

CHOICE Jersey CATTLE.

EXHIBITION AND DAIRY ANIMALS. MALE AND FEMALE. ALL AGES.

Mrs. E. M. JONES, BOX 324, BROCKVILLE, ONT., CAN.

F. L. GREEN,

BREEDER OF Jersey Cattle and Yorkshire Pigs. Choice stock of each sex for sale.

PICKERING STATION, G. T. R. GREENWOOD P. O. CLAREMONT STATION, C. P. R.

JERSEYS FOR SALE. A few choice Jersey bulls and bull calves for sale at very low prices. Choice breeding; good colors. Write for prices. W. W. EVERITT, CHATHAM, ONTARIO. "Dan Edin Park Farm," Box 558.

AYRSHIRES AND LEICESTERS We breed for milk and quality, and employ only the best sires. Are now offering young Ayrshires of both sexes. DONALD CUMMING & SONS, Lancaster, Ont.

AYRSHIRE FEMALES FOR SALE Carrying the same breeding as our prize-winners, including such offspring as Floss and Tom Brown, the World's Fair winners. We breed for constitution, quality, and production. DAVID BENNING & SON, Williamstown, Ont.

AYRSHIRES FOR SALE. 2 two-year-old bulls, 2 yearling bulls, and a number of spring calves, both sexes, from deep-milking dams. F. W. TAYLOR, Wellman's Corners, Ont.

Menie Stock Farm Choice young Ayrshires and heifers calves, from 2 to 9 months old. Also cows and heifers all ages. Write WM. STEWART & SON, Menie, Ont.

FOR SALE: High-class AYRSHIRES, including cows, heifers and young bulls out of our prize and sweepstakes cows. Foundation selected with due regard to quality and productiveness. Come or write. WM. WYLIE, HOWICK, QUEBEC.

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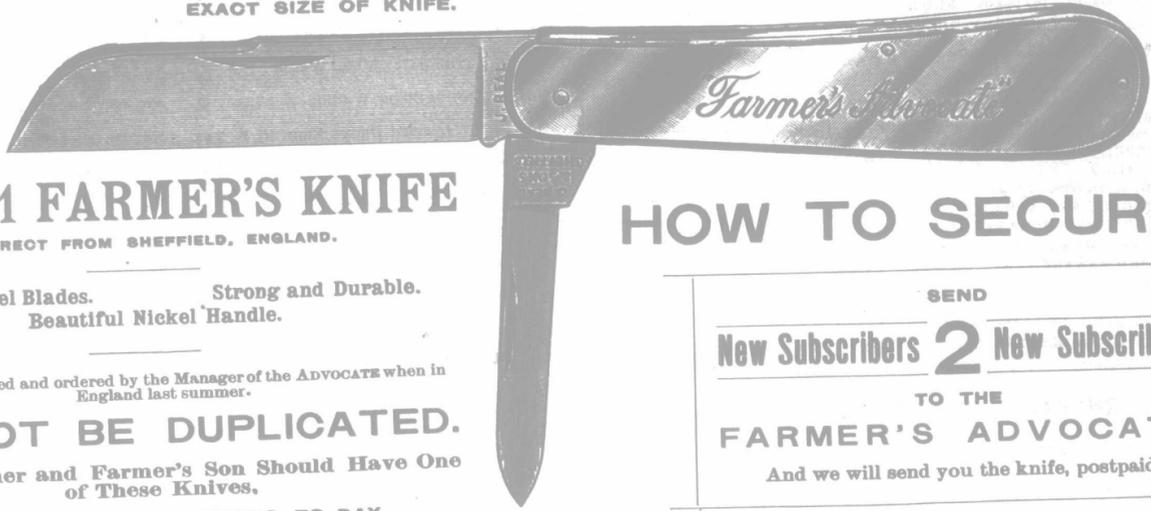
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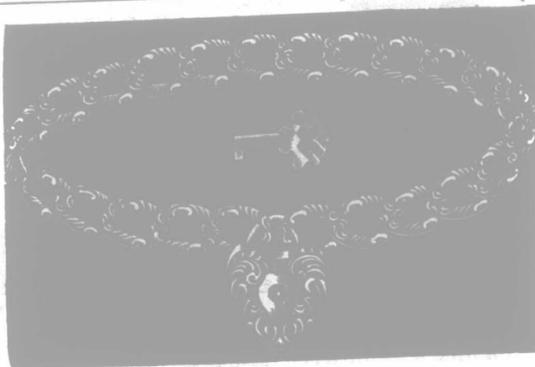
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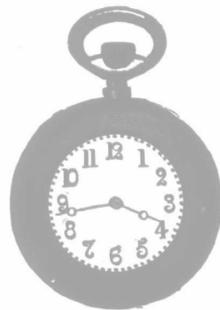
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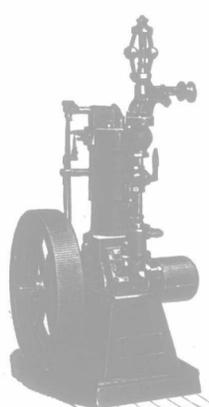
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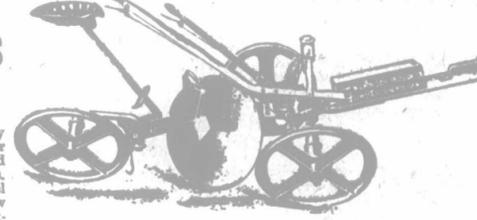
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