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MANITOBA AND WESTERN EDITION

THE FARMER'S ADVOCATE

AND HOME MAGAZINE

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

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Vol. XXXV. WINNIPEG. SEPTEMBER 20, 1900. MANITOBA. No. 510

A Battle of Giants.

MR. A. HUGHES, druggist, Medicine Hat, reports a battle between two stallions on the Shannon ranch near that town. A heavy Clyde stallion got loose in the stable one night, and fiercely attacked a valuable blood stallion. When discovered in the morning, the poor brute was one mass of ugly bites from the withers to the ears, the mane being deeply bitten into the flesh. Every one who saw the horse the next day or two strongly advised shooting him—all but Mr. Hughes, who recommended Dr. Warnock's Uleerkure, and persuaded Mr. Shannon to try it. The result was that in a couple of weeks all the wounds were completely healed. Mr. Shannon now believes that Uleerkure will heal any kind of a wound, no matter how bad. Sold in large bottles at \$1. Made only by the

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WHEN WRITING MENTION THIS PAPER.

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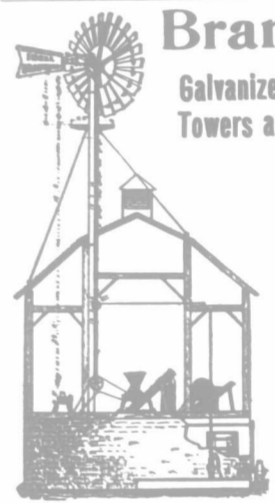
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THE FARMER'S ADVOCATE

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

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VOL. XXXV.

LONDON, ONT., AND WINNIPEG, MAN., SEPTEMBER 20, 1900.

No. 510

The Farm Water Supply.

Alike from the standpoint of domestic health, the profitable production of meat and dairy products, and the reduction of labor, we are fully satisfied that too few men fully realize the supreme importance of an abundant and a convenient supply of pure water at all times upon the farm.

The shallow, misplaced well, bricked or stoned up and carelessly covered, is easily contaminated by soakage from closets, kitchen slops or barnyard, and is a fruitful source of typhus or typhoid fever and other serious diseases. If the water is not kept low by liberal usage it is also liable to become impure. No wise or right-thinking man will thus jeopardize the health and lives of his family in this way. In many cases it is sheer carelessness or thoughtlessness rather than want of knowledge. If the well lies low extend the wall above the surface and grade up the ground so that the surface drainage will be away from, not into the well, and be sure it has a close cover, to keep out rambling toads and rats. For the upper part of the well wall, cement concrete makes a good, close finish. If you have any doubts about the purity of the water you are using, have it tested, particularly for organic matter. Almost any local chemist will gladly do this for you if you take him a sample in a clean bottle. If you wish a regular analysis made, send a sample to Prof. F. T. Shutt, Chemist at the Ottawa Experimental Farm. In case you find it impossible to secure a proper water supply in a dug well, have one bored. Do not stop short of a plentiful supply for all seasons, and be sure that it is pure.

It is surely hardly necessary at this late date to repeat arguments proving the necessity of an abundance of good water for all classes of live stock. Every man in his senses must know that there can be no profitable growth of meat or production of milk if the fly-tortured, sweltering, dust-choked animals have not frequent access to water to relieve their thirst, to supply the excessive waste that is going on in the body under such circumstances, and to build up the body and its products. If a dairy farmer will only for one moment think that normal milk to begin with consists of about 87 per cent. of water, how can he expect the cows to produce a liberal flow of milk if they have not sufficient water to drink? Want of it is the secret of the summer failure of many a dairy herd. Sheep, as well as cattle and horses, should have access to a flowing trough at will.

The location of the well is another all-important consideration, and the first point is to secure a convenient supply for the house. It is positively lamentable how beggarly cheap most farmers hold the flesh and blood and nerves of women? Why compel that wife or daughter of yours to lug water away across the yard, through heat and cold, mud and snow, year after year, for household use? The dearest possible power—dearest in actual cash if you want to put it that way—with which to raise water is your wife's elbow, whether attached to a pump handle or a old rope and pail, and if you don't know it yet you will some day, to your sorrow and your cost. Where a flowing spring, and a sufficient head can be got, a hydraulic ram makes a grand and simple system to supply both house and barn; but, as a general rule, the cheapest and most effective power is the windmill, with which water can be forced through pipes long distances and raised to almost any reasonable height. With regard to storage, as far as the barn is concerned, the wooden tank located outside, thus avoiding leakages of water within the stable, and protected from frost, has been found the most satisfactory as a rule. A good plan, which we have seen in operation, is to force the water first through a small tank at the house, from which the wife can draw her supply with a tap at any moment, and as the

water simply runs through the house tank to the barn the water is kept always fresh, at all events so long as the wind blows, and there are few days on which it fails, because a very little breeze is sufficient for pumping.

If the reader has not already tackled the water supply question, we would by all means advise him to do so, and that without delay, so that he will have a proper system in good working order before this fall passes. It will be money in your pocket and a satisfaction to your mind.

British Exports of Pure-bred Stock.

As mentioned in the FARMER'S ADVOCATE at the time when the British ports were a few months ago closed to live cattle, owing to the unfortunate outbreak of foot-and-mouth disease in the Argentine Republic, there was some trepidation among cattle breeders as to the effect on the price of pedigree cattle. There is little reason to doubt that it has to some extent affected the demand from that country, but live-stock breeders have been fortunate in that the trade with Canada and the States has developed to such an extent that any falling off in the Argentine trade has not been felt. Indeed, the returns for July show that both in the case of cattle and sheep there has been a distinct revival. It is quite possible that too much has been made of the foot-and-mouth disease scare, for some few of the highest priced animals—both cattle and sheep—have gone to the Argentine, but the improved demand from elsewhere is responsible for the increase. In the case of horses, a different tale has to be told, but it cannot be construed as of evil omen to the horse breeders of Britain that the exports are decreasing. For nothing is there a healthier demand in that country at the present time than horses, and breeders find it more profitable to sell their best surplus sires at home, for it is said the foreigner is seldom willing to give the price. In all respects, then, it may be said that for the present the pedigree stock trade of Great Britain is in a satisfactory condition, and if the improvement be maintained breeders will have every reason to be satisfied.

Uncle Sam Will Eat His Own Butter.

Prof. C. S. Plumb, of the Indiana Agricultural College, who has been engaged in the popular theme of talking up the expansion of exporting Yankee butter to England, is taken to task by the New York *Produce Review*, which intimates that, as a rule, they can make more out of their butter at home. As the movement of high-grade butters from the United States to Great Britain is now inconstant, occurring usually only at a time when States values are below the average, it is evident to the *Review* that Britain is being supplied most of the year at lower prices than American manufacturers can obtain for their product in domestic markets; and in order to compete for a larger part of high-class British trade, production must be increased so much as to cause a lower level of values. It seems quite possible that States butter can be profitably produced at a price low enough to assure a more nearly constant outflow to British markets, but this condition can result only when other branches of agriculture afford no more profitable specialties for the labor of farmers. Under the present conditions the U. S. surplus of high-grade butter available for profitable export is relatively not large; but to make it larger will require a great change in the relation between production and home requirements, without which a change in the character and packing of goods to meet high-class British needs would be impotent to add much to the volume of such foreign shipments as can be profitably undertaken.

Western Flock Matters.

BY J. M'CAIG.

The cattle interest of the West is a big thing; the sheep interest is not to be despised. The cattlemen haven't anything good to say for the sheepmen; the sheepmen thrive just the same. The sheep business in the Northwest Territories is away past the experimental stage, and sheep properties run into the tens of thousands. The buffalo grasses are good cattle grasses; it is found, likewise, that they are as good for sheep as they once were for the countless antelope that ranged the western plains. The creeping stems are green, sweet and nutritious all the year round. The "bunch grass" cures in the stalk, and is good to the top when the shorter grasses are covered with snow temporarily. Winter drops an occasional visiting card, but his sojourn is never protracted. Less moisture than is left in this way would be too little. "Good pasture makes fat sheep," and fat sheep fat lambs, and there they may be seen—fat lambs, fat yearling wethers and ewes, and fat mothers; the wethers kept until two and sometimes three years old. Probably with the elimination of the slow-maturing Merino blood, which in most cases formed the original basis of the ewe stock, and with the more careful selection of the best Eastern mutton rams, the stuff will be turned over faster. The wether will be sold at a year old, at least, instead of at two and three. As range is taken up, quality will be more considered and numbers less.

About those rams. There is no place where the best will pay as well as on the range. The long distances and competition for food in the large bands make plenty of legs. You don't need to buy leggy cull rams to get all of this you want. Buy the best of the Eastern ram bunches, or at least get the best with the worst, instead of being satisfied with taking "the others" after the sales of choice single ones have been made to the sharper fellows nearer home. A good many fellows have gone into the sheep business green because it seemed to be a good thing. Doing first rate, too, because it is hard to fail under the conditions, not because of skill or good management, and we have to start all over again with these fellows about the rams. The superior power of the male to determine the character of the offspring, the economy of improving the flock through the sire, and above all, the necessity of using rams of the best and most fixed mutton form on the mixed nondescript ewes of the range so as to give the offspring a uniform character. Top rams are available any place only in limited numbers, and it is the freight rake-off that goes to the Canadian Pacific Railway that spoils the chances for good sales to Eastern breeders and likewise the chances of Western customers to get good stuff. We had a small trial bunch of select ram lambs as good as sold to a Western customer. To send them out under the auspices of the Ontario Stock Association even was going to cost about twelve dollars a head. The sale was called off. The Canadian Pacific Railway have been giving away thoroughbred cattle and hogs along the line. Without saying anything about the wisdom of it or the fairness to breeders of good stock in the West, why discriminate against sheep? The Northwest Government has been giving a bonus to purchasers of thoroughbred bulls. Buyers have been getting them in at five dollars a head. Why should it cost twice as much instead of half as much for a pedigreed ram? The sheepmen should look after their interests in this respect. The cattlemen take more clean cash out of the country than the sheepmen do, as their herding costs less for the capital invested. The supplies required by the sheepmen do more to build up local interests. Why shouldn't the local Government assist them as well as the cattlemen?

Sheep are doing all right for the owners this year. It was thought that the crest of the wave had been reached last year. Sheep multiply and increase quickly, and the market for them gluts easily, but this year is better than last. Three dollars and forty cents a hundred is a good price and the market close. Sheep are not shipped east, but go just over the ridge to the British Columbia mining camps. Last year there were even car lots brought from the densely-populated East to the same market. Altogether, things are looking well for the shepherds, and they are all out looking for what is called "she stuff" to expand and increase their sheep properties. The rolling hills of Assiniboia, as well as the benches of South Alberta, are feeling more and more of the tread of the gentle quadruped. The golden hoof marches on, the pockets of the shepherd bulge and his heart is made glad.

THE FARMER'S ADVOCATE AND HOME MAGAZINE.

THE LEADING AGRICULTURAL JOURNAL IN THE DOMINION.

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LONDON, ENGLAND, OFFICE: W. W. CHAPMAN, Agent, Fitzalan House, Strand, London, W. C., England.

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Good News.

We are glad to be able to state that never in the thirty-four years' history of the FARMER'S ADVOCATE did our readers appear to be so enthusiastic as they are at present in acknowledgment of the practical service which the paper is rendering all branches of agriculture. As publishers and editors, this is most encouraging, as is also the fact that new subscribers are coming in more rapidly than at any corresponding period in the past, and we have therefore resolved upon still further improvements in the paper, which competent critics now concede is already unequalled in agricultural or live-stock journalism.

We desire the assistance of our readers in doubling our present subscription list, by sending us in (1st) new subscribers, and (2nd) the names of persons in their neighborhood who are not subscribers, to whom we will send a free sample copy so that they can actually see for themselves the great value to be secured for \$1 per year.

We take pleasure in announcing that all new paid-up subscribers will now receive the balance of 1900 and all of 1901 for the one dollar. To encourage extra effort on the part of our readers, we are offering, as announced elsewhere in this issue, a superb and valuable list of premiums, including Watches, Fountain Pens, Livestock Engravings, Standard Books on Agriculture, Self Binders (for preserving the year's issues of the FARMER'S ADVOCATE), and Bibles, on terms more liberal than ever offered before. We emphasize this, young and old, will at once take advantage of them and send us in large lists of new subscribers.

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We desire a good pen-knife and a good pen to act as agents for the... district of Ontario and the... salary or commission will be paid... once for further particulars.

A Provincial Dairy Factory Association.

A Provincial Cheese and Butter Factory Association has been formed by the factorymen, a meeting for the purpose having been held in Winnipeg early in September. The following provisional officers were elected:—President, S. M. Barre, Winnipeg; Vice-President, D. W. Shunk, St. Anne; Secretary-Treasurer, A. E. Hunter, Teulon. Directors: C. C. Macdonald P. J. O. Allaire, St. Boniface; J. T. Regher, Hochetadt; Charles Mignault, St. Pierre; R. Scott, Shoal Lake; J. H. Ross, T. C. Garrard, A. A. Jory, Rapid City; L. A. Race, Brandon; T. L. Morton, Gladstone; and Wm. Grassick, Pilot Mound.

It is the intention of the promoters to hold a convention in Winnipeg on November 8th.

Brandon Horticultural Society.

The third annual exhibition of this Society was held on the 23rd and 24th August, and not withstanding the unfavorable season for vegetables and flowers, the committee in charge have every reason to be satisfied with the display. This applies especially to the vegetable exhibits, as no finer display of these could be desired. Pumpkins, squashes, citrons, cucumbers, cabbages, and, in fact, all kinds of garden produce in both professional and amateur classes, were all that could be desired. The number of exhibits in the vegetable sections was small, but as most of them had entries in all classes, competition was keen.

Considering the large possibilities in this line, the number of species of flowering plants shown was not so large as might have been expected. The competition in all classes was keen and the exhibits meritorious. Remarkably fine gladioli were shown, also splendidly grown fuchsias, geraniums and begonias. Fruit exhibits were limited in number, though excellent in quality.

Owing to the dry weather, there was not as strong competition as in previous years for the prizes offered for the best-kept lawns and gardens.

A novel feature of the exhibition was a tastefully-decorated dinner-table, which well merited the prize given it.

Perhaps the most notable exhibit was the Manitoba-grown fruit shown by A. P. Stevenson, Nelson, Manitoba. The Gravenstein apples grown by him were superior to those exhibited by the British Columbia growers. Seven varieties of crab apples, eight of standards, and five varieties of plumbs, which composed the exhibit, were a fine object lesson in the possibilities of fruit-growing in Manitoba.

Plums, pears and peaches from the Agassiz Experimental Farm, and from Peachland, B. C., were large and of fine appearance. Excellent apples were also shown, from same localities.

The vegetable exhibit from the Experimental Farm at Brandon was, as usual, the center of great interest. There were shown ninety-eight varieties of potatoes, twenty-five of beans, and a large general collection of other garden produce, all tastefully arranged and labeled.

On the interest shown by the members, and the public generally, the Society are to be congratulated, since it shows that their efforts are having the desired result in the advancement of horticulture. They are also to be congratulated on possessing so energetic an officer in their Secretary, Mr. P. Middleton, to whose hard work is due a large measure of the success of the exhibition.

Fall Fairs.

Table listing various fairs and their dates: Gainsboro (Sept. 2nd), Carnduff (Sept. 21st), Medicine Hat (Sept. 24th and 25th), Hamiota (Sept. 25th), Kinistino (Sept. 25th), Pincher Creek (Sept. 25th), Manitou (Sept. 25th and 26th), Alameda (Sept. 26th), Stonewall (Sept. 26th), Whitewood and Broadview (Sept. 26th), Oxbow (Sept. 26th), Belmont (Sept. 26th and 27th), Dauphin (Sept. 26th and 27th), Birtle (Sept. 27th), Innisfail (Sept. 27th), Maple Creek (Sept. 27th and 28th), Morden (Sept. 27th and 28th), Fairmeade (Sept. 27th and 28th), Saskatoon (Central Saskatchewan) (Sept. 27th and 28th), Crystal City (Sept. 27th and 28th), Carlyle (Sept. 28th), Cunningham Manor (East Moose Mountain) (Oct. 1st), McGregor (Oct. 2nd), Wapella (Oct. 2nd), Pilot Mound (Oct. 2nd and 3rd), New Westminster, B. C. (Oct. 2nd to Oct. 5th), Swan Lake (Oct. 3rd), Lacombe (Oct. 3rd), Woodlands (Meadow Lea) (Oct. 3rd), Hartney (Oct. 3rd and 4th), Elkhorn (Oct. 4th), Oak Lake (Oct. 4th), Yorkton (Oct. 4th), Kellogg (S. Paul) (Oct. 3rd and 4th), ... (Oct. 3rd and 4th), ... (Oct. 4th and 5th), ... (Oct. 5th), ... (Oct. 5th), ... (Oct. 19th), ... (Oct. 23rd, 24th and 25th).

Our Scottish Letter.

August is pre-eminently the month of shows in the northern part of Scotland, and this year these events have as a general rule been highly successful. The shows in the west and south-west take place in the spring and early summer months, chiefly, no doubt, because these months best suit the Ayrshire breed, which dominates the agriculture of these localities. In the north, dairying and the dairy breed count for less, and show dates are not fixed with regard to their requirements. This year we have had an August characterized by

VERY CHANGEABLE WEATHER,

and it has been difficult to get two consecutive dry days. The week closing has been the best of the whole, and the forebodings on account of harvest awakened by the storms and floods of the earlier three weeks have to some extent been allayed. We have had storms and floods, and possibly the most abnormal rainfall ever experienced in August. In consequence, the whole aspect of harvesting operations has been altered, and farmers can look forward with some degree of heartening to the in-gathering of the grain crops. The work being done in the harvest field by the harvesters and binders is remarkably good in view of the flattened condition of the crops, the chief difficulty sometimes being to get the land firm enough to carry the binders. The close, wet weather has had a disastrous effect on the potato crop, and we are threatened with a bad attack of the blight. In spite of all that science has done, potato disease is one form of agricultural ill before which it is powerless. The only partial remedy is the introduction of new varieties from time to time, hence the value of the work done by Garton Brothers, Sutton & Sons, Mr. Findlay, and others. The turnip crop, which began splendidly, has not been looking so well recently, having in many cases become infected with anbury or finger-and-toe. This is a loathsome disease, and renders the root useless for feeding purposes. With the confidence begotten by the fine appearance of the turnip crop, trade for lambs, which began with a boom a fortnight or three weeks ago, has rather gone back, and prices now are hardly as good as they were. Still, flockmasters have no reason to complain, as prices generally are much better than they were in 1899.

Next month will see the ram sales in full swing, but meantime we have had the Corston Shropshire sale. Mr. David Buttar is known far and near as a spirited breeder of Shropshire rams, and his success at the Royal and the Highland has been very marked, while the merits of his Scottish-bred Shropshire rams are so generally recognized in England that many of the leading ram breeders in the South draw upon his flock for stud rams. In past years Mr. Buttar has had very good averages, and although he had no higher figure than 100 gs. this year, he had for his 60 shearlings the second best average of his series, viz., nearly £16. The highest-priced ram at the sale this year was the first-prize shearling at the late show of the Highland Society, which was secured for the Earl of Strathmore at 100 gs. Ram breeders in general are hopeful of having good trade this year, but my impression is that there will be an absence of sensational prices, and steady rather than extravagant averages.

We have recently been troubled with isolated outbreaks of foot and mouth disease, but the authorities seem at last to have got the upper hand of the trouble, and fears are being allayed. There was something uncanny about the most recent outbreaks—one occurring in the Holderness district of Yorkshire, and the other at a center so far removed from that as the Vale of Cluyd in Wales. A possible explanation of the Yorkshire outbreak has been given in the story of certain fittings from a disease-infested ship having been landed at Hull without disinfection and sold to a farmer in the same state; but how the disease found its way into the Vale of Cluyd has not up to this date been in any way indicated.

THE PORTS ARE STILL CLOSED

to cattle from the Argentine Republic, and it is quite possible that the result of this will eventually be the closing of the ports altogether to live cattle from abroad. This will probably not be an unwelcome change to breeders abroad, as with the increase of the system of cold storage it is quite likely that beef and mutton may be landed here in a condition differing but little from the fresh state. The Canadians have proved adepts in the adoption of cold storage, and could teach Argentina a few lessons on the subject.

THE HORSE TRADE.

Clydesdale exportation to Canada and the United States continues fairly brisk. Amongst the horses shipped to Canada during August were several of rather notable lineage and some distinction. Mr. McDonnell took away several from Mr. Peter Crawford, one of which was the fine big horse, Prince Frederick 8005, whose sire was the celebrated Prince of Wales 673, and his dam the noted breeding mare, Maggie of Badgreddan 781, the dam of several of the most successful show animals of their time, including the full sisters, Laura Lee and Primrose, both of which were first at the Highland and the Royal. Mr. MacDonnell had other horses which gained prizes at Glasgow and other shows, while their sires were such horses as Royal Gartly

9844, which twice won the Cawdor Cup. Mr. N. P. Clarke had amongst his horses which went to St. Cloud, Minn., the fine Macgregor horse, MacQuhae 8827, which has been for some years stud horse at Her Majesty's famous farm at Windsor, and was champion Clydesdale stallion at the Royal at Warwick in 1892. One of the most serviceable shipments of horses to Canada was made by Mr. Hogate, Toronto, on the 11th inst. Mr. Hogate wanted horses of weight and substance, and he got them from Mr. W. S. Park, Hatton, Bishopton, and in Aberdeenshire. He did not waste any money buying flesh—you can put that on more cheaply on the other side that we can here—but he bought some bone and muscle and weight and substance; in fact, Mr. Hogate bought some horses. The five horses were characterized by size and weight. One of them was Scottish Archer, which won first prize at the Aberdeen Spring Show when a three-year-old. He was bred by Mr. George Anderson, Fingark, and got by the famous horse, Sirdar 4714, which won first prize at Glasgow and second at the Highland, and bred by useful, well-colored, up-standing horses. Scottish Archer is big, well-colored and sound in feet and limbs. An unusually well-bred horse was bought from Mr. John Marr, Cairnbrogie, Oldmeldrum. He was descended on both sides from Mr. Marr's famous mare, Young Darling 237, uterine sister to the Merryton Prince of Wales 673. The three horses bought from Mr. Walter Park were solid, massive horses of good pedigree. One of the biggest shipments of the season went in the same ship with Mr. Hogate's. They were owned by Mr. Alexander Galbraith, Janesville, Wis., and made up 10 Clydesdales, 4 Shires, and 2 Suffolks. The Clydesdales were all purchased from Messrs. A. & W. Montgomery, and were a uniformly level, well-bred lot, some of them being got by the noted breeding horse, Baron's Pride 9122. Six were two-year-olds and four three-year-olds. Of these, Macgregor was sire of one; the renowned Cawdor Cup champion, Prenie of Carruchan 8151, was sire of another, and besides these there were horses by Prince Alexander 8890, another Cawdor Cup champion; the Royal winner, Tullyallan 9455, and other premium horses. Mr. Galbraith's horses were of quite a different type from those shipped to Mr. Hogate, and it will be interesting to hear how the respective lots sell. A considerable shipment of Clydesdales is taking place to-day. Messrs. Dalgety Brothers are sending out nearly a dozen horses, one of which was got by the £3,000 horse, Prince of Albion 6178; while others are the great breeding horse, Prince Lawrence; the very successful breeding horse, Mount Royal 8065, which gained second at the Highland in 1891, and was sire of the renowned Cawdor Cup champion horse, Royal Gartly 9841; the splendid breeding horse, Prince of Carruchan 8151, and that other son of Prince of Wales, Prince of Cathcart 8195. Messrs. Coursey Bros., and T. Kelly, from Lucan, Ont., have shipped two horses, one of which is a two-year-old colt bred by the Duke of Buccleuch, K. T., and got by the dual Cawdor Cup champion horse, Hiawatha. This is one of the best colts exported this season.

SHORTHORN SALES

have been fairly numerous in England and Ireland of late, the most important event being the dispersion of the Ardferd Abbey herd, near Tralee, in County Kerry. This herd was established in 1838, and was dispersed in accordance with the terms of the will of the late proprietor, Mr. T. Talbot-Crosbie, who was also its founder. It was one of the most notable herds in Ireland, and persisted in its beneficent work all through the troublous times in Ireland, furnishing the farmers of the neighborhood with good breeding bulls, and probably doing more in this silent way to allay the discontent than all the efforts of politicians. Mr. Talbot-Crosbie was more a Booth man than anything else in the Shorthorn world, and not a few breeders in Ireland maintain, with some show of reason, that Ireland owes almost everything to Booth Shorthorns. Doubtless, their length and depth were useful in crossing with scrub cows, and while possibly not equal to Bates cattle in dairying properties, they ran them pretty close, and carried more flesh than the narrow, though very stylish, Kirklevington sort. At the sale ten days ago 112 cattle were disposed of, and the highest price was 115 gs., paid for a heifer calf out of the fine cow, Cumbrian Belle, and got by First Lord 63880. The old cow herself went to Mr. Wright, Nocton Heath, at 47 gs., and three heifers sold at 105 gs. apiece. The average price of the 112 head was £2 15s. 9d., a good trade surely for so many of all ages.

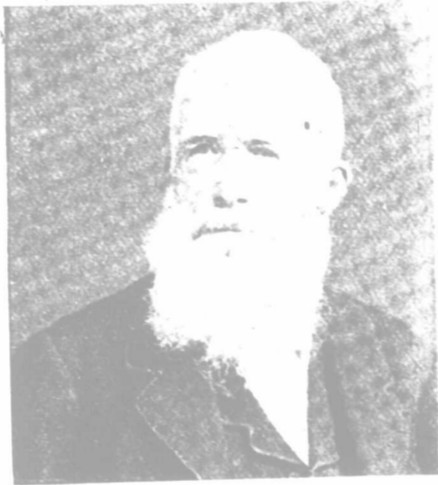
The Royal Dublin Society's great horse show—a unique event in its way—has just closed. It forms the great society event in the Irish capital, and is also the greatest market for hunting horses in the world. This year the show was visited by large numbers from Scotland, but in sympathy with all like events in England, there was a reduction in the number of "society" visitors. The South African war has brought desolation to so many homes this year that the "upper ten" are less disposed to go gadding about than is their wont. Still, Dublin Horse Show is a great event in every sense of the term, and Scotland got a fair share of the prizes in the driving classes, although, of course, very little is done here in breeding hunters, and those who do breed would get small recognition at Dublin.

August 31st, 1900.

Death of Sir John B. Lawes.

It is with deep regret that we announce the death, on August 31st, of Sir John Bennett Lawes, Bart., D. C. L., LL. D., F. R. S., of Rothamsted, County of Hertford, some twenty-five miles north of London, Eng. He was born on Dec. 28th, 1814. Deceased ranked easily foremost among the world's investigators into the scientific problems relating to agriculture, and the world owes to him a deep debt of gratitude for the light which his labors shed upon the questions of crop-growing, soil fertility, and animal nutrition. Only a few months ago the FARMER'S ADVOCATE was favored with a personal letter from this distinguished man, promising the results of certain investigations of interest to our readers, in which he has lately been engaged, but which must now be completed by other hands and minds. Experimental work at Rothamsted was really begun in 1834, but the field work dates from 1843, when the brilliant services of Dr. J. H. Gilbert (since knighted) were called in as chemist, and whose fame, like that of Sir John B. Lawes, has gone round the world. Of the latter, we cannot do better than reproduce the tribute paid him by James Macdonald, F. R. S. E., in a recent volume of the Transactions of the Highland and Agricultural Society:

"The genius of the individual, we are told, is the birthright of man. An unostentatious but gifted squire, who has lived an industrious and happy life in the English County of Hertford, has, by his genius and public spirit, given to the world an inheritance so goodly that its worth can hardly be overestimated. It is sometimes remarked as curious, that while on the Continent of Europe and in America there are many agricultural experiment stations, Great Britain, which for centuries has led the van in agricultural progress, can claim to have had for any considerable period of time but one extensive center of original research. It is equally remarkable that the one extensive and important experiment station which Britain does possess



SIR JOHN BENNETT LAWES, BART., D. C. L., LL. D., F. R. S.

should be the oldest in existence, and that it has probably done more solid work for the advancement of agriculture than all its foreign compeers put together. In the world of science the position of Rothamsted is unique. For more than half a century it has been the largest and most systematically conducted agricultural experiment station in the world. Abroad, as at home, Rothamsted has become a household word. So much accustomed are agriculturists and scientists to speak and think of Rothamsted as a national institution that it is not often realized that it is absolutely and entirely the undertaking of a private citizen. The Rothamsted Experiment Station was founded by Sir John Bennett Lawes, has been carried on exclusively at his own expense, and by him it has been bequeathed to the nation, with an endowment ample for all time to come."

Toronto Exhibition Dates.

Among the incidental points brought out in the discussion of the conduct of the Toronto Industrial Exhibition has been that of the dates on which it is held. For the comfort of the masses, a very early date brings it into too hot weather, and this season it struck a busy season with the farmer. Fruit men also found the date too soon for the best display of the great Ontario apple and grape crops. In fact, most men with whom we have discussed the point thought the success of this year's fair was prejudicially affected by being rather "too previous." But this is a minor point compared with others which we have discussed in another article.

Balance of 1900 Free.

We wish to say to our many friends who are working for the very valuable premiums now being offered, that all new subscribers for 1901 paying the dollar now will receive the FARMER'S ADVOCATE regularly for the balance of this year free. For complete lists of premiums see pages 530, 531 and 532 of this issue.

The Toronto Industrial Exhibition.

HORSES.

There were few, if any, marked general features of the horse exhibit that differed from that of last year. The entries numbered 875, as against 896 in 1899. Possibly the average of the animals were presented in better form, owing, perhaps, to the constantly improved feeling in the horse trade. Much credit is due the committee in charge of this department, as no pains were spared to aid the exhibitors and also to maintain an interesting display in the horse ring according to the advertised programme. The judging, except for speed, was all done in the smaller horse ring, beside which was erected a covered-seated stand, for the use of which a 10-cent admission was demanded. This was not patronized as largely as one would have expected; still, those who wished to view the animals in competition could do so comfortably. The calling out of the animals was also improved by means of a telephone system between the ring office and the stables. Superintendent Noble and his assistants worked faithfully and patiently to get the exhibits out on time, and would have succeeded well if the exhibitors had given the willing co-operation expected of them. All classes were commenced to be judged at 1 o'clock of the days advertised for them, and if the work set apart for the afternoon was not concluded, it was finished up next forenoon. An innovation introduced this year, and taken from the Royal Show of England, visited by Manager Hill, was the announcing of the awards in the ring by means of numbers corresponding with the catalogue numbers of the animals, the numbered cards being elevated on racks as the judges gave their decisions. The winning animals were then paraded before the spectators, affording opportunity for casual inspection. We would not neglect to commend Mr. Hill for removing from the side of the horse ring the noisy "Midway" that proved such an intolerable nuisance last year. It is evident that the Industrial management is ready to hear grievances and act upon worthy suggestions as far as it lies in their power.

CLYDESDALES.

From a farmer's standpoint the Scottish draft horse as he appears in Toronto is of first importance. We therefore give this class pride of position in our report. They were judged by Messrs Job White, Ashburn, Ont.; Andrew Russell, Carville, Ont., and Arthur Hopkins, Professor of Animal Husbandry, Wisconsin State University. The first section to appear was for stallion and four of his progeny. The competitors were Graham Bros., with the fifteen-year-old Macqueen [462] with four foals; D. & O. Sorby, with Lord Charming and four yearlings; and J. O. Little, Sand Hill, with Westfield Stamp [1819] and a strong following of one- and two-year-olds. The display left no room for doubt as to the excellence of all these horses as sires, but the sweetness and uniformity of the foals, with the freshness of their sire at his age, placed Macqueen in first place. Lord Charming's stock would do any stallion credit, so even and good are they. It would be difficult to get together a better lot of legs and pasterns than this quartette displayed, while the sire is a model in form. This entry was placed ahead of Westfield Stamp, whose offspring carried rather more bone, and of good quality, than the others.

There was a good field of eight stallions four years old and upwards, several of whom were new to Canadian showings. Robt. Davies' Lyon Macgregor needs no introduction, and T. H. Hassard's Alexander's Heir was also forward, as well as Messrs. Sorby's Lord Charming. The contest for premiums lay with these and the newcomer, Baron Burgie, shown by Graham Bros. The last named, a big horse, with good ends, and a good shower, was the favorite with Judges White and Russell, but Mr. Hopkins considered him too flat on the rib and slack in his coupling to beat Lyon Macgregor. He has a good set of timber and feet, and he handles himself well for his weight, and these, with his high fitting, gave him the preference with the two first named judges. The decision took considerable time and placed Baron Burgie 1st, Lyon Macgregor 2nd, Alexander's Heir 3rd, and Lord Charming 4th. Lyon Macgregor was presented in better stud than show form, but still he looked and acted well. Alexander's Heir appeared in good form. He is a showy fellow with a good top. Lord Charming needs only a bit more size to beat them all; still, weight must be given its due value in these days of shortage in big geldings. No apology need be made for the three-year-olds, as each individual of the four shown was a right good animal. The winner at the spring show, J. M. Gardhouse's King of the Clydes, again held his position. He looks a bit raw after a big season; in fact, he is the sort of a horse that will take time to mature. He is a big one, with abundance of clean, hard bone, and good feet, and a well-made round body. He was sired by Ringleader, in Scotland, Graham Bros.' Bold Knight, by Macinnis, is an up-standing, choice colt, with a flash set of legs. Imported Prince of Hurlford, by Prince Alexander, a thick, strong, useful colt, was shown by Smillie Bros., and took 3rd award, ahead of Messrs. Sorby's Prince Delectable, a promising, handsome colt by Cedrie.

Probably the strongest section in the breed showed in 2 year-olds, there being eleven, and none below fair. This lot included a strong contestant for sweepstakes honors in Graham Bros.' imported Royal Cairnton, by Royal Standard (9847). He is a

typical Clydesdale in his underpinning, and his showy, aristocratic conformation will bear close examination, as he has a strong back, good loin, deep, full quarters, and is well coupled. The second winner was King Lyndoch, by King's Own. He was bred and exhibited by Robt. Davies. He is a choice colt in all his parts, and was well brought out. J. Stewart, Springbank, showed Lyon Steward, by Lassodie Rover, and won 3rd on him. He is a strong colt, a bit plainer than those above him, but possesses much outcome. Mr. Robt. Ness, Howick, Que., came 4th on imported Copy-right, by the celebrated Baron's Pride. To stand 4th in such a class was no mean feat, but we predict for this colt a more exalted position as he matures. He has a grand set of legs, and, barring accidents, cannot fail to mature into a very good horse.

The yearlings presented six colts, in keeping with the older sections. Here two worthy sons of Lord Charming, owned by Messrs. Sorby, won 1st and 2nd. The former is out of Venus and the latter out of Lady St. Clair. J. McCallum, Tavistock, won 3rd on Scottish Rover, by Lassodie Rover, a bay of much merit.

The three judges did not agree in deciding the sweepstakes award. Mr. Hopkins maintained a preference for J. M. Gardhouse's King of the Clydes, while the other men favored giving the award to the mature horse, Baron Burgie, who received it. In our opinion, however, no mistake would have been made had Graham's 2-year-old Royal Cairnton been the victor. Let him remain where he is, and he will yet reach the top.

The mare and filly sections were not overflowing with entries, but there was nothing lacking in the quality of the exhibits. A single individual came forward in the 3-year-old section—Graham Bros.' Royal Lady, by The Royal Standard. She is a right good mare, of the active, upstanding sort. The same firm won 1st and 2nd on the 2-year-old fillies by Startle and Charming Lady by Prince Charming. These grand fillies were bred by Col. Hollaway, Illinois, and were out of Cherry Sweet and St. Cuthbert's Lady, respectively. S. J. Prouse, Ingersoll, won 3rd on a choice, compact, sweet filly, Jean of Hartland, by Roselin. Messrs. Davies and Sorby competed in yearlings, the former showing Nelly Lyndoch, by King's Own, and the latter Miss Charming, by Prince Charming. The latter mare was out of the noted Miss Stanley and the former out of Nelly. The contest was close, and might have been reversed without much injustice. Graham Bros. showed the brood mares, Cherry Sweet and Corinne, by Cedric and Queen's Own, both bred by Robt. Hollaway; and Sorbys showed Miss Stanley. They are all choice matrons; in fact, amongst the very best in the breed. Miss Stanley was placed between the others mentioned. Macqueen foals won 1st and 2nd for Messrs. Hodgkinson & Tisdale, Beaverton, and Graham Bros., and the 3rd award fell to Grahams' son of Macara and Cherry Sweet. The best mare of the breed was found in Grahams' Royal Lady, a dry, mature mare whose equal would be hard to find in conformation, legs, feet, and style.

Messrs. Sorby's Princess Alexander and Sonsie Lass won over Messrs. I. Devitt & Sons' Nellie Macpherson and Topsy Macpherson in spans of Clydesdale mares or geldings. They are exceptionally good pairs, of characteristic Clydesdale type, and were well fitted and harnessed.

SHIRE HORSES.

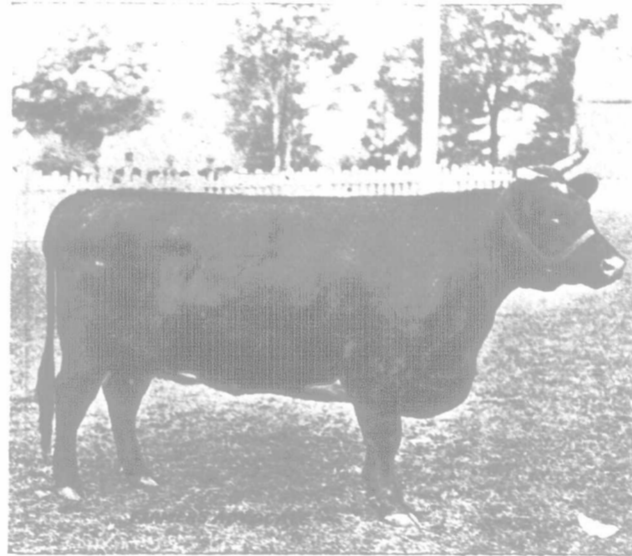
This class was pronounced upon by Mr. John T. Gibson, Denfield, and Prof. Hopkins, of Wisconsin. It is gratifying to see an increased entry of improved stallions of this breed shown. There were five entries made in either of the mature and 3-year-old sections, but no yearlings or 2-year-old colts. Messrs. Morris, Stone & Wellington had forward the frequent winner, Pride of Hatfield, that is now ten years old, but fresh and in fine form. He was defeated, however, by Bawden & McDonald, with Belshazzar, by Simon, imported last year. This is without doubt one of the best Shires that ever came to Canada. He has won many British victories, which speaks volumes for him. He is big and good in all his parts, and possesses much activity and vim. Mr. P. Harold won 3rd on the black Yorkshire Lad, a massive, wide horse of useful draft type. The victory for 3-year-olds fell to a beautiful imported brown colt shown by Bawden & McDonald. He is well matured along right lines, and has abundance of hard, flat bone. Messrs. Hogate & Co., Toronto, won 2nd, on Groundsow Charming, by Revival, a low-set, attractive colt, with a grand set of limbs. Imported Mars, by Vulcan, won 3rd for Messrs. Morris, Stone & Wellington. He is one of the big sort, with well-developed ends and good feet and legs. Belshazzar won the male sweepstakes.

Messrs. Morris, Stone & Wellington owned all the females shown but two, and bred one of those shown by John Gardhouse, Highfield. The two 3-year-olds were sired by Pride of Hatfield, the winner being Gardhouse's Violet, out of Elsie Morin. These form a fine pair of mares, with plenty of size and good quality and style. Violet won the mare sweepstakes. John Gardhouse's other entry, Victoria, won 2nd as a yearling, and Morris, Stone & Wellington won 2nd as well as 1st on the 2-year-old Leila, the finest mare shown, and foal Biddle.

HEAVY SPANNING HORSES. This class presented a number of good animals, especially in the male section. The first section called produced three superb animals, the als. Alex. Doherty's Princess, by Prince

of Quality, is one of the deep, thick, drafty sort, much like his good sire. F. W. Broad's Grant Lad, by Granite City, is also a low-set, wearing sort of a horse, with good limbs. T. H. Hazzard's Bold Grandeur, a bright, upstanding, good-ended colt, won 3rd, the others winning as named. The two 2-year-olds were rather plain, and in the judges' opinion should have been gelded. The five 2-year-olds formed the strongest male section. John Miller & Son's Lord Roberts (2544), by Young Macqueen, was ultimately selected as male sweepstakes winner. He is a handsome, growthy colt, with a very flash set of legs. Amos Agar, Nashville, won 2nd on West York Stamp, by Westfield Stamp, a strong, brown colt with rare good ends and middle. Graham Bros.' Lord Roberts (2605), by Young Macqueen, came into 3rd place, leaving two good colts without awards.

Three 3-year-olds, three 2-year-olds, and five yearlings included the filly entries forward. The best 3-year-old was Royal Princess, by The Royal Standard, a big, good sort, that was suckling a foal. She is owned by Hodgkinson & Tisdale, Beaverton. Amos Agar's Nancy of Nashville was considered next in value, but being foaled in Sept., 1896, she was ruled over age, since ages are all calculated from Jan. 1st, 1900. J. O. Little's Sadie Stamp, by Westfield Stamp, a stout, good filly, was the remaining entry. The 2-year-olds were an equally promising lot, and were well fitted. W. Woodhill's Bet, the best in the section, is a bright bay, thick, substantial filly, with rare good bone. Alex. Doherty's Glen Ina is of narrower stamp. She won 2nd over M. Laidlaw's Fay Stamp. Messrs D. & O. Sorby's Charming Star, by Lord Charming, led the yearlings. She is a worthy member of the noted stud to which she belongs. W. Woodhill came 2nd on a worthy get of Westfield Stamp; and G. Crawford, Oro Station, 3rd, on May Bell, by Montrave Chief. This last named filly is a daughter of the first-prize brood mare, Moss Bank; also the winner of sweepstakes award. She is a strong, well-finished and well fitted black. Alex. Doherty won 2nd on the rangy chestnut brood mare, Daisy Belle, by Bruce; and Hodgkinson & Tisdale 3rd, on Moss Rose, by Blucher. She is a low-set, thick mare,



NONPAREIL 52nd.

First-prize Shorthorn cow and sweepstakes female at Toronto Exhibition, 1900.

PROPERTY OF J. & W. RUSSELL, RICHMOND HILL, ONT.

with very strong, good bone. The foal awards went: 1st to J. Cowie, Markham, on a son of Macqueen; 2nd to S. J. Prouse, Ingersoll; and 3rd to a daughter of J. Crawford's sweepstakes mare. Mr. Crawford also won 1st formare with two of her progeny, with Alex. Doherty in reserve. Five massive pairs contested in harness. Geo. Moore, Waterloo, is getting a reputation in this section, as he is seldom defeated. This year he won 1st and 2nd on two very choice entries, well brought out. P. H. Petrie, Stratford, won 3rd on a smaller pair of choice quality.

GENERAL PURPOSE HORSES.

There is some doubt in the minds of many horse-men as to the advisability of continuing this class at the Industrial. According to the prize list of the show, a general purpose horse is one suitable either for the wagon, carriage, buggy, saddle, or the plow. There were in all some eighty entries, and were generally of a clean-legged type, with substantial weight and action. There was a marked lack of uniformity as well as breeding. The judges, John T. Gibson and Prof. Hopkins, selected the sound, upstanding, well-muscled, active entries for the prizes. The sections were not open to stallions, but included mares or geldings, 1 year old and upwards, 3 years old, 2 years old, and yearlings, besides brood mares and foals, and teams in harness.

THOROUGHBREDS.

This class is improving year by year, chiefly in size and fitting. Mature stallions are shown in two sections, one for stallions 4 years old and upwards, and the other for stallions best calculated to produce runners and saddle horses. Dr. Rush Huyd-son, Washington, D. C., awarded the prizes in a very unobtrusive and satisfactory manner. In both sections good animals competed, from the sires of S. Seagram, Waterloo; Wm. Hendrie, Hamilton; and J. White, Hamilton. The first

award was won by Connoisseur, by Sir Modred, a strikingly handsome chestnut of the strong racing type. Harvey, by Himyar, a strong, breedy fellow, high in the withers and with powerful quarters, won second, and Golden Badge, by Ben d'Or, 3rd. S. B. Fuller's Wyndham, by Warwick, has much more weight than he is credited with, so compact and powerful is he. He stands nearly 17 hands high, and is on comparatively short legs of superior quality. He won first as a producer of saddle horses, and was followed by Quinn Bros.' Woodburn, by King Alfonso. He is a rangy bay, of refined form. He is well developed, and goes well at all gaits. Joseph Mossip, Thorndale, won third on Temple, by Tremont, a bright, active horse, over 10 hands and of good type. Just one 3-year-old came out, and the judge considered him only fit for a second prize, which he received. Wm. Hendrie had it easy in the next two classes. His Kendalwater, by Derwentwater, defeated Court K, by Courtown, in 2-year-olds, and Dunrobin, by Derwentwater, was alone in yearlings. Connoisseur and Kendalwater contested for sweepstakes award, the victory falling to the mature horse. The filly and brood mare sections were the best we have yet seen at the Toronto Industrial. While there were several exhibitors with good things forward, the entries from the three noted stock farms of Wm. Hendrie, Jos. E. Seagram and Robert Davies won all the awards below 3-year-olds but first for foals, which was won by a colt, John Festival, by Bilet, shown by M. Strong, Willowdale. The 3-year-olds included three fine fillies of notable breeding and form. R. Beith, Bowmanville, led the way with Haggis, by Strathclyde. She is a beautiful golden chestnut, of the recognized saddle type. C. E. A. Lloyd, Toronto, won second on a fine brown daughter of Springfield, and the third went to Nora K., by Monarch, shown by T. Webster, Brampton. Seagram won first and second in the next two sections on gets of Morpheus, Prisoner and Egmont, Hendrie coming 3rd on gets of Semper Rex and Derwentwater. They were all choice things, well brought out. In brood mares, the invincible Thistle, by King Ernest, again led and carried off the sweepstakes award. Robert Davies also won second on the plainer mare, Ettare, by Macaroni, and Hendrie 3rd on Pibroch, by Glenelg, whose foal by Derwentwater won second award.

ROADSTERS.

Apart from a few exceptions, the male exhibit of roadsters was considered by the judges, C. E. Eaid, Simcoe; Dr. A. B. Taylor, Hanover, and J. Harris, Woodbridge, of a rather inferior order. On the other hand, however, the geldings and fillies, also the mares and foals, were exceptionally good. There were seven aged stallions out, among which was the newcomer, Renville Boy, by Little Hamilton and out of Lizzie D, a very handsome black, of beautiful conformation, style, and high, rapid, catchy action. He easily won for his owners, Paxton, Graham and Callacutt, Port Perry, Ont., the 1st as well as the sweepstakes award. A breedy, handsome and rapid-going chestnut, Gold Watch, by Gold Ring, won for E. M. Crawford, Brampton, 2nd place. The useful Haltoneer, by Altoneer, won 3rd, and the strong pacing Stanton Wilkes, by Ohio Wilkes, stood in 4th place. Billy Hill and Star Wilkes, each by Harry Wilkes, won 1st and 2nd in three-year-olds, and a get of Gold Ring stood 3rd. Of the four two-year-olds, three were turned down for unsoundness, and the remaining entry was considered worthy of only a 3rd prize. The four yearlings were a better lot. T. Maddiford's Stanton Boy, by Stanton Wilkes, the 4th mature stallion, promises to develop into a strong, good horse. A son of the Thoroughbred Monotony won 2nd award.

No less than thirteen three-year-old mares or geldings came forward, and would do credit to any showing. The lot contained several fine gets of Harry Wilkes and Uncle Bob. One of the latter won 1st place for her owner, J. A. Owens, Alton; the 2nd falling to a well grown, handsome daughter of Bane; and the 3rd to a sweet, strong-loined and deep-quartered entry of P. Herald's, Tavistock. Gets of Oliver Wilkes and Uncle Bob won 1st and 2nd in a beautiful class of six two-year-olds, while Golden Jubilee and Ozark sired the 1st and 2nd yearlings, being followed by a choice gelding by Wiry Jim. The brood mares with foals at foot numbered well up to a dozen of useful matrons. M. E. Mitchell's Nellie, by Gold Leaf, the 1st winner, is a choice, aristocratic mare, with right good action. A trifle more bone would be no objection, but she is of prime quality. She also won for her owner 2nd on her foal by Uncle Bob. I. L. Martin won 2nd on Queen of Scots, a choice, prompt daughter of Winfield Scot; the 3rd going to a bigger mare, of carriage style, shown by T. Scott. The first-prize foal was by Golden Jubilee, and the 3rd by Billy Hill. The best mare in the class was decided to be Dr. F. J. Gallanough's Wilkey Bell, by Harry Wilkes, and dam by Little Hamilton. She also won 3rd in single harness, 15½ hands and under. She is a neat, trim, well-finished black, with beautiful style and action.

The single and double harness sections were keenly contested by big fields. True, they were not all crackers, but every winner was a good horse or pair of horses. In pairs 15½ and up to 16 hands, a pair of active, good-reading bays won 1st for Philip Miller, and a cool, strong, well-mated team, shown by A. Yeager, won 2nd, and J. A. Fuller 3rd. A large field was presented in pairs 15½ hands and under. The pair, Vicar and Victor, by Dashwood,

that won 2nd at the 1900 Canadian Horse Show, won 1st on this occasion. They are owned by Miss K. Wilkes, Blair, Ont. They are showy, rapid and well mated. J. D. McGibbon won 2nd and W. T. Merry 3rd on well-matched, good pairs. The two single sections contained twenty and twenty-three entries, respectively. Among the numbers were many well-bred ones, some with race records. Gets of Almonte Wilkes won 1st in either section, both shown by T. C. Green, Stony Creek.

STANDARD-BRED TROTTERS.

W. C. Kidd, V. S., Listowel, and Dr. Huydikoper, Washington, judged this class. The entries were not many, but a number of choice animals were presented. The mature stallion section had seven horses forward from an entry of ten. The good horse, Pavonia, by Jersey Wilkes, shown by E. R. Hogate, Woodstock, won 1st award. He is a strong, straight-going, deep-chested horse, with a deal of refinement and finish. Altoneer, by Sphinx, an upstanding, breezy horse, with considerable speed capacity, came 2nd. He is owned by Fisher & Button, Ringwood. Monbars, by Eagle Bird, won 3rd. A single get of Altoneer was alone in each of the three-year-old and two-year-old sections. They were good colts, however, and well brought out. Pavonia won the stallion sweepstakes award.

The gelding or filly sections were light. Robt. Davies won first on a three-year-old daughter of Prairie Bell and Altoneer, and 2nd on her two-year-old sister; J. Childs winning 1st on the three-year-old Belle Hermit, also by Altoneer. The single harness section contained a valuable, but small, entry. Crow & Murray won first on Stanbie, a clean-going, rapid horse, with a deal of finish. F. J. Gallanough won 2nd on a beautiful daughter of Forest Mambrino, and J. A. Lovell 3rd on Dora Wright, by Guelph Bay.

CARRIAGE AND COACH.

Mr. A. Moren, Barrie, and Dr. Huydikoper, placed the awards in this class. In mature stallions the frequent victor, Graf Bremer, again led, but when the sweepstakes award was contested the two-year-old Lord Roberts, by the late Thoroughbred Wiley Buckles, defeated him. The stallion, Torrington Boy, a really beautiful horse, owned by C. Head, Guelph, won 2nd. He is breezy, fine, has a deal of substance, and a great mover. W. C. Brown's Prince George, by Prince Victor, the winner of 1890, came into 3rd place. He is more of the coach than carriage form, and is not a sensational actor. The colt sections were lightly filled. Amos Agar won 1st on the three-year-old Lord Minto, by Candidate, a big, promising fellow; and Prince Arthur's Prince Imperial won 2nd. The sweepstakes Lord Roberts put up really a sensational exhibition. His action, which is equal to a hackney, was the more surprising when his Thoroughbred parentage was considered. He is of beautiful pattern and was well brought out. A free-moving, good-looking son of Shining Light won 2nd. Just one yearling colt appeared, a plain, big son of Shining Light.

The gelding or filly sections contained about the usual number of entries, from four to six, of mixed types. Among them were the gets of Thoroughbreds, Standard-breds, German Coach, Hackney, and Cleveland Bay. In three-year-olds, Torrington Boy's Margaret, shown by J. Starkey, won 1st; while a get of Picador won 2nd award. In two-year-olds, J. Lawson won 1st on Gold Buckles, by Wiley Buckles, a beautiful chestnut, of sweet carriage pattern. A get of the coach horse, Prince Arthur, won 1st; of the trotting horse, Oliver Wilkes, 2nd; and of the hackney Square Shot, 3rd. The brood mares with foals were a moderate lot. The big bay Princess Royal, of coach type, won 1st for W. C. Brown. She is a right good one, with good action. In foals, the gets of the Thoroughbred Wiley Buckles 2nd, and of the hackney Woodlands Performer 3rd. This does little to teach how to produce carriage horses.

The harness sections, both single and double, contained choice horses, fitted, groomed and shown to best advantage. In pairs, as in single animals, the blocky, forceful, high-stepping, good-mannered entries received the preference. Messrs. Yeager, of Simcoe; Crow & Murray and Clancey, Toronto; R. Beith, Bowmanville; W. C. Brown and C. Head, Guelph, were the chief successful exhibitors. It is of interest to know that the 3rd-prize pair between 15½ and 16 hands are the same horses as won at the spring show as cavalry and mounted infantry horses. They are stout, good looking, and step well together. They were illustrated in the FARMER'S ADVOCATE for May 21st, 1900. Probably the most sensational horse in this class was Crow & Murray's South Africa, a black daughter of Jubilee Chief. She is of beautiful form, well fitted and schooled, and goes high and rapid. Something like \$3,000 is the price mentioned for this entry.

HACKNEYS.

This class, as usual, attracted an interested crowd of spectators. For symmetry of form, beautiful action, amiable disposition, and intelligence, the Hackney seems to hold a pre-eminent position among horses. Of the seven entries made in mature stallions, four came before the judges, W. H. Gibson, Claire, Que., and W. West, Ballington, Vt. Of these, the former champion, Squire Pickell, by Cadet, and owned by Robt. Beith, Bowmanville, again defeated his rivals. He is in capital form, carrying possibly more flesh than ever before, but he is well hardened, and showed improved action

before and behind. Whether standing, walking or trotting, he is a really beautiful horse. His carriage, shoulders, girth, arm, back and quarters are just about as they should be, while his middle is as round and well-coupled as we ever saw. The nearest rival was Bell Boy, by Courier, shown by Dr. J. Watson, Howick, Que. He is a right good one, much the same as Squire Rickell in conformation, but lacked somewhat in dash and finish. The chestnut, Woodlands Performer, sold by Messrs. Sorby to Mr. A. Little, Georgetown, was the next choice. He is by Barthorpe Performer, and out of Miss Baker. He is just four years old, but the largest horse in the party. He has a good way of going, and will doubtless improve. Mr. Crossley's roan, Rosseau Performer, came out in his usual good form, but he was not going right, and therefore was not placed. Graham Bros.' Stampede, by Wildfire, and Hodgkinson & Tisdale's Rosseau Swell, by Royal Standard, competed in 3-year-olds. The former is a well-put-up chestnut of good size, and has plenty of dash and vim, and attractive, high action. Rosseau Swell, a dark strawberry roan, is also a beautiful colt and quite a sensational goer. They won as named. A candidate for sweepstakes honors, and one that promises to reach that goal as he matures, was H. N. Crossley's 2-year-old Rosseau Royal Oak, by Royal Standard, and out of Lady Cocking. He is a flash, showy, refined black, with white feet and legs, which he is able to handle in a very attractive manner. In the sweepstakes contest he was defeated by Squire Rickell.

The 3-year-old fillies, five strong, were a beautiful, well-presented lot of five. A daughter of the grand old mare, Princess Dagmar, that has gone back to England for breeding purposes, and the noted horse, Barthorpe Performer, won 1st for her owner, J. S. James, St. Catharines. The is named Queen Dagmar, and is a right good, upstanding, evenly-developed filly, with capital action. Miss Roberta, from the Rosseau stud, won a worthy 2nd. She is a strong, dark bay, big filly of good parts, that was sired by Rosseau Performer, and out of Lady Bird. A production of Hillhurst Farm, now owned by Robt. Davies, won 3rd award. She is Danish



DUKE OF CLARENCE OF BARCHESKIE.

First-prize 2-year-old Ayrshire bull and male champion. Toronto Exhibition, 1900.

OWNED BY R. R. NESS, HOWICK, QUEBEC.

Lady, by Danish Duke, and out of Lady Lynn. She is roan in color, carries a nice top, and goes well. Robt. Beith won 1st, 2nd and 3rd on 2-year-old fillies sired by Royal Standard, Jubilee Chief, and Ganymede, respectively. This stud also produced the 1st and 3rd prize yearlings, sired by Squire Rickell, Mr. Crossley's Countess Josephine, by Fireworks, coming between them. Mr. Davies had no opposition to his brood mare, Lady Lynn, and her foal by Barthorpe Performer. Mr. Beith's Mona's Queen, the dam of the late Banquo; Jessica, and several other good ones won 1st for single Hackney horse, mare or gelding, in harness, the 2nd going to Mr. Davies' Danish Lady. Mona's Queen also won the English Hackney Studbook medal for mare or filly, and Rosseau Performer won the corresponding medal for stallion or colt. Messrs. Crow & Murray won 1st on South Africa, by Jubilee Chief, as best stallion, mare or gelding, any age, by a registered Hackney stallion, and out of a registered or unregistered mare. The same firm also won for pure-bred or grade saddle Hackney.

Although there were many entries made for high-steppers, single and double, very few came forward to compete. Messrs. Crow & Murray won first and second in either case; C. Head, Guelph, winning third in pairs. The winners were in every case high-class, beautiful, well-fitted horses, with a deal of rapid, high, forceful action. In the dog-cart and cob sections there was a class of horses that could not have been found in Canada a few years ago. They were stout, handsome, resolute horses, with beautiful, high and forceful action. Successful exhibitors were such firms as Messrs. Crow & Murray, Lowes Bros., Robert Beith, and Yeager, of Simcoe. A number of choice entries were made by other Toronto gentlemen.

HUNTERS AND SADDLE HORSES.

The entries in these sections seem to increase year by year. On this occasion there were some

200 entries all told. They were judged by E. C. Grenside, V. S., New York, who pronounced them high-class; at least, those able to win prizes. The great majority of the entries were from Toronto, but some Guelph and London horses won good prizes, especially in the hunter classes. Mr. Geo. Pepper, Toronto, had out a long string of well-schooled, good horses, and came in for a good share of victories. Mr. L. Meredith, London, and C. Head, Guelph, were also fairly successful. An entry of Mr. Meredith's won the high jump of 5 feet 8 inches. The Thoroughbred type predominated in all the sections, and refinement, finish and performance received favorable consideration from the judge.

PONIES.

This class, too, was well filled with well-fitted, good ponies, both in single and double harness and under the saddle. The pony trotting and running races were keenly contested.

CATTLE.

Considering the unusually heavy drafts of show animals made from Canadian herds of the beef breeds of cattle for exportation to the United States, during the past year, the display at the Toronto Exhibition, though somewhat lighter in some classes than usual, was quite equal to any reasonable expectation, and was on the whole exceedingly creditable to the enterprise, judgment and skill of the breeders and exhibitors of this class of stock.

SHORTHORNS.

Owing to so many of last year's prizewinners in the older sections of this class having been sold to leave the country, the entries in those sections were not numerous, and the exhibits were not sensational in character, and yet in nearly every one there were some excellent animals, while in the sections for yearlings and for calves under a year the display was uncommonly strong, and was indeed such as to evoke enthusiasm among breeders, to give inspiration to all interested in the breed, and to command the admiration of onlookers. The hope of the country centers in these younger classes in all breeds of stock, and in the preparation of the prize lists the greatest encouragement should be given to these. We can well do with fewer overfed old campaigners in the showing, but we cannot have too many well-nourished youngsters of the proper stamp. The two-judge system was continued in this class, with the result that wearisome waiting for decisions was the rule, the exhibitors and the cattle showing plainly that they had aged under the operation, while the judges, after solemn consultations and compromises, must have felt that in some cases they had failed to satisfy themselves, the exhibitors, or the public. One of them would have done the work in half the time, and probably with less than half the number of mistakes.

In the section for bulls over four years there were six entries, and the first place, by common consent, was given to Charles Dickens, a red and white, coming five in December, bred and shown by J. & W. B. Watt, of Salem, and sired by Royal Sailor. He was not highly fitted, but just in good breeding condition, and it is a pity when bulls good enough to breed from are forced into higher condition than he is. He is, like most of Royal Sailor's get and of the Watt breeding and feeding, smooth, well-fleshed and useful looking. The second-prize bull was Duncan Stanley, bred and shown by J. & W. Russell, Richmond Hill, a roan bull in his nine-year-old form, a son of Stanley and Isabella 14th. He is a bull of great substance and thickness of flesh, with great depth of ribs and flanks, and has proved an excellent sire, but has seen his best days as a show bull. The third prize went to Beau Ideal, a big red five-year-old bull, bred by John Miller & Sons, sired by imp. Sittyton Stamp, and shown by Grainger & Son, Londesboro. He is lengthy, level, and smooth, and was considered by some worthy of a higher place in the prize list. There were no three-year-old bulls entered, and only three two-year-olds. It was not a strong class, but J. & P. Crerar's imported red bull, Captain Maxfly, by Captain of the Guard, was easily first; Fried & Son's red imp. Kinellar Stamp, second; and J. & W. Russell's roan, Royal Bounty, third. The strong feature of the male sections of the class was the yearling bulls, of which there were eleven entries, more than half of which were highly meritorious. The white bull, First Choice, bred by the Watts and shown by them last year, winning first then as under a year, now owned by Capt. T. E. Robson, Ilderton, was again the first choice of the judges for first place in the prize list, and in this respect has been appropriately named. He is a son of Mr. Greenway's Judge, also bred by Messrs. Watt, and was a superior calf as he is a superior yearling, smooth and evenly fleshed, and full of high-class quality. He would be a rash critic indeed who would undertake to point out holes in First Choice, and this makes it all the more complimentary to Mr. Cochrane, of Hillhurst, that his red-roan imported Duthie-bred bull, Joy of Morning, by Pride of Morning, placed second, was first favorite for first place with the bulk of the breeders present. For a combination of the virtues of scale, substance, quality and character, his equal of the same age has seldom if ever been seen in a Canadian showyard, and we shall be disappointed if, as a sire, he does not prove to be worth his weight in gold. The decision in this section virtually settled the question of the male championship of the class. The third prize also went to Hillhurst Farm for the red

imported Hillhurst Baronet, bred by Lord Baring, and got by Christmas Gift, a bull of much merit, low set, smoothly turned, and of good quality. Royal McGregor, a red bull, bred by H. Cargill & Son, Cargill, and shown by D. Talbot & Son, Everton, sired by imp. Royal Member, was a strong claimant for third place, and probably no injustice would have been done had he been so placed. He has many strong points in his favor and ranks among the best yearlings in the country. A bull which attracted much attention, and was admired by many, is Governor, a massive, smooth-fleshed roan, shown by Eastwood Bros., Mimico, and bred by W. R. Elliot, Hespeler. Grainger & Son's red

Robson's roan five-year-old cow, Frieda, by Abbotsford, and Goodfellow Bros.' red six-year-old, Sowerby's Lass, by Mina Lad, for second and third places. Frieda came out in capital bloom, carrying the same fine quality of flesh; that she did as a two-year-old, and there was no quarrel when she was placed second. Neither would there have been if the red cow had been given the place, for she is an honest cow, if there be one, having bred two calves within the twelve months, her latest, a right good one seven months old, being present at the show, and she is a beautiful cow, smoothly covered with first-class flesh, and without a weak point in her make-up. The third-prize cow should not have

been considered in a class for breeding cows, as she is over five years old and has never bred a living calf, and withal she is patchy and uneven in her flesh. The decision was an outstanding object lesson on how not to be consistent, and how not to reward usefulness, and it was little wonder that as he left the ring, Goodfellow was a mad fellow. It was a long jump from Frieda to Centennial Isabella 36th. Frieda was never large, but she looks little sandwiched between two such mountains of beef as the first and second prize cows.

Six three-year-old cows competed. It was not a strong class, but the first-prize winner, the red Centennial Isabella 15th, is a very good one, smoothly fleshed and showing strong constitution. Crerar's imp. roan, Ballechin Daisy, won second, and Goodfellow's roan, Salem Stamford, third prize. Five two-year-old heifers made a fairly good class, and Russell's roan Centennial Isabella 47th was rightly placed first; the second prize went to the same firm for the roan Nonpareil 58th, and third to Capt. Robson's imp. Craibstone Baroness, who was shown in field condition, having nursed her own calf. Goodfellow Bros. had an excellent entry in this class in the red and white Lavender Lass, which many of the breeders considered should have had a place in the list instead of the second-prize winner.

The sensational feature of the Shorthorn class was the ring of fourteen yearling heifers. It is safe to state that never in a Canadian show were so many of so high an order of excellence seen together, and a prominent breeder and importer, recently returned from Scotland, where he attended the Highland Society's show this year, declared emphatically that the display of heifers of the same age at that ancient but honorable, yet up-to-date show, was not in it with the exhibit in this section at Toronto. The beauty of the class was its uniformity of excellence, which was so marked that it was with great difficulty that anyone could satisfy himself in picking for the best. There was not an outstanding first in the ring, for the reason that nearly all were first-class, and it was largely a matter of taste how they should be placed. There were five prizes to be awarded, and though it was generally conceded that the judges selected the five best heifers, there was by no means a unanimity of opinion as to the order in which they should be placed. It was an interesting coincidence and a decided compliment to the skill and judgment of Mr. Watt as a breeder that the judges finally tied to two of his four entries, bred by himself and sired by Royal Sailor, the first- and second-prize ribbons in such a phenomenal class. These were the roan Mildred 8th, full sister to Mildred 6th, which was second-prize 3-year-old cow at Toronto last year, and the red Matchless 25th, full sister to Matchless 18th, the first-prize cow of the same age and the champion female of the class in 1899, which, in the present case, were placed in the order named. It is almost equally complimentary to the Hillhurst herd to say that probably a majority of the breeders present thought so highly of the rich roan imported Moir-bred heifer, Fancy Lady, by Prince of the Vale, that they would have placed her at the head of the list, although the judges put her fifth. Capt. Robson got into third position with the grandly-furnished roan, Lady Sowerby, bred by Mr. William Linton and sired by British Lion, and to the Captain also fell the Scotch animal for Lavinia's Blossom 3rd, a lovely cow of the blue stamp, bred by himself and sired by the same sire. The heifer calves were also a great attraction, there being twenty-seven entries in the class, and twenty-five in appearance. This

is always a difficult class to judge when there are many good ones, as there always are at Toronto, and the judges made it unnecessarily difficult for themselves by wandering all over the field for an hour before making a draft. There were at least a dozen toppers, and as in the case of the yearling heifers, not an outstanding first, and probably not one of the exhibitors was more surprised, considering the hard lines that had fallen to them in other sections, than were Goodfellow Bros. when their entry, the red Golden Pansy, by Golden Flame, was drawn out for first place. It was doubtless an unconscious compliment the judges paid them as breeders and fitters, when, after selling their best heifer calf for a big price to strengthen a prominent show herd in the States, they declared by this decision that the second best calf from the Macville herd was good enough to head the great ring of calves at Toronto. W. C. Edwards & Co., Rockland, showed a magnificent quintette of calves, got by the grand Duthie-bred bull, Marquis of Zenda, which speak volumes for his potency as a sire, and well sustains our estimate of his value as a breeder, as expressed in our report of last year's Toronto show. There might well have been three of the five in the prize list, and one at the head of it, but only the second prize fell to one of them, Lady Hamilton, a rich roan of great substance and quality. Capt. Robson came in for the third card in the shuffle with the red Lady Zoe 6th, by Blue Ribbon. R. & S. Nicholson, Sylvan, had the fourth winner in the white Vacuna 5th, by Royal Standard, a beautifully-fleshed heifer; while J. & P. Crerar, Shakespeare, were relegated to fifth place with the comely yellow-red and white Gem of Ballechin 2nd, by imp. Diamond Jubilee and out of imp. Gem of Ballechin, a calf that was so greatly admired by many of the breeders present that they would not have raised the first objection had she been crowned queen in the contest.

The female championship was awarded to J. & W. Russell's first-prize cow, Nonpareil 52nd. For the best four calves bred and owned by the exhibitor, the prizes were awarded, first to W. C. Edwards & Co. for a quartette sired by imp. Marquis of Zenda; second to J. & W. B. Watt for the get of imp. Royal Sailor; third to R. & S. Nicholson for sons and daughters of Royal Standard; and fourth to T. Douglas & Sons, Strathroy, for the progeny of Valkyrie. For the best four females, bred and owned by exhibitor, the first prize was won by J. & W. Russell; second by J. & W. B. Watt. For the best three animals, progeny of one bull, first place was given to the exhibit of J. & W. B. Watt for the get of Royal Sailor, and second to J. & W. Russell for a bull and two females got by Prince of Wales = 27131. The first was a popular decision and a proper one; the second was decidedly unpopular, and was considered one of the greatest mistakes of the day. The open herd prizes for one bull and four females over one year were awarded, first to J. & W. Russell, second to T. E. Robson, third to J. & W. B. Watt. The herd prizes for bull and four females under 2 years went, first to Robson, second to Watt, third to Hillhurst Farm. The latter herd was greatly admired by breeders, and if judged on the basis of value would have stood higher in the prize list, but the judges, of course, had to be consistent, and, comparing the awards they had made in the former sections of the class, could not see their way to place them higher. It is worth considering whether to meet this difficulty it would not be an improvement to have a special judge to award sweepstakes and herd prizes. It is



PRIZEWINNING LEICESTER SHEEP.
Toronto Exhibition, 1900.
OWNED BY A. W. SMITH, MAPLE LODGE, ONT.

Look-at-Me, by Beau Ideal, is also a capital sort, as also is T. Douglas & Son's Sandy Burk, by Valkyrie, and Watt's roan Royal Victor, by Royal Sailor.

In the section for bull calves under a year old there were 24 to face the judges, and a capital class they were, with hardly an exception. There were five prizes to award, and it was no easy task to pick out the five best and place them in their proper order. The judges took a long time to it, which might have been much shortened and better work done, with more satisfaction to onlookers, had some system been observed in drafting, selecting and placing the animals.

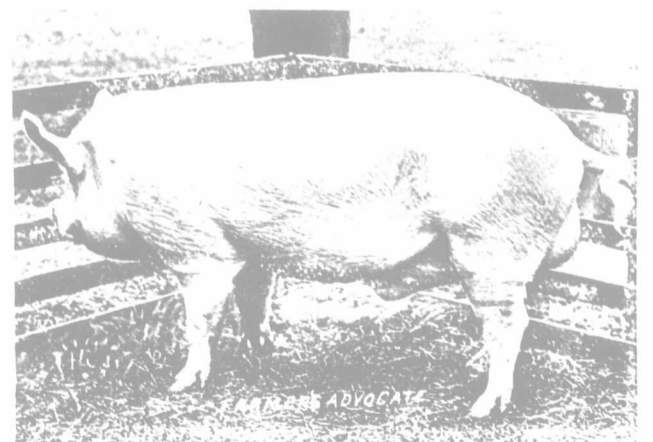
An outstanding first was found in Watt's red Royal Wonder, by Royal Sailor and out of English Lady 11th. He is one of the very best ever shown at Toronto. He has style, substance, symmetry and quality to the Queen's taste, is every inch a winning show bull, and gives promise of continuing to be that for years if he lives, and he looks like living as long as the last in the list. Captain Robson was certainly fortunate in capturing second and third in such competition. He won the second worthily with the red and white Ribbon's Choice, bred by himself, twinned with a heifer sired by imp. Blue Ribbon, out of Rose Hill, built on the plan of the first-prize calf, though not so well developed and promising to go on to be a good one. White is a fortunate color, if it be a color, in the showing, and the Captain's white calf in this case, Royal Bob, by Royal Standard, putting it mildly, got into quite as good a place as he was entitled to. He has excellent quality and many other strong points, but he passed by several bulls that were better balanced and might well have been placed before him. Goodfellow Bros., Macville, showed four rattling good calves and got into fourth place with a roan Watt-bred calf, James Stamford Watt, by Balmoral, dam Salem Stamford, a right good one, though they had two or three of their own breeding that were nearly if not quite as good. The fifth-prize calf, Knight Errant, a rich roan, bred and shown by W. C. Edwards, Rockland, and sired by British Knight, would have been more properly placed third. He has ideal quality of flesh and hair, and well balanced conformation, and is no fifth-prize calf, as one may judge from the fact that he has been purchased as a head for his herd by so good a judge as James Leask, of Greenbank, who selected Moneyfuffed Lad and made a champion of him, who showed Royal Banner, the first prize yearling last year at Toronto, sold as a two-year-old at the Platt sale at Chicago for \$1,505, and who knows a good thing when he sees it. The sweepstakes for best bull of the breed, any age, went to Capt. Robson's 1st-prize yearling bull, First Choice.

Half a dozen entries lined up in the ring for cows over four years, and a clear first was found in J. & W. Russell's red seven-year-old Nonpareil 52nd, bred by themselves, as were all the animals they showed—a cow which, in our report of the Toronto show last year, we claimed should then have been first, but which was placed second to the cow which, shown by the same firm this year, got into third place. There is probably not a better show cow of the breed in America than Nonpareil 52nd; she has size and scale, symmetry and quality in high degree; so perfect are her lines that, cut off her head, and you have a perfect horse. She is in higher condition than a good cow should be, which is about the only fault that could be found with her, and it is a matter of course that a feeder should have a cow like this. She is as good as a cow is, and it is a pity that she seemed to be simply a question of time when

been considered in a class for breeding cows, as she is over five years old and has never bred a living calf, and withal she is patchy and uneven in her flesh. The decision was an outstanding object lesson on how not to be consistent, and how not to reward usefulness, and it was little wonder that as he left the ring, Goodfellow was a mad fellow. It was a long jump from Frieda to Centennial Isabella 36th. Frieda was never large, but she looks little sandwiched between two such mountains of beef as the first and second prize cows.

Six three-year-old cows competed. It was not a strong class, but the first-prize winner, the red Centennial Isabella 15th, is a very good one, smoothly fleshed and showing strong constitution. Crerar's imp. roan, Ballechin Daisy, won second, and Goodfellow's roan, Salem Stamford, third prize. Five two-year-old heifers made a fairly good class, and Russell's roan Centennial Isabella 47th was rightly placed first; the second prize went to the same firm for the roan Nonpareil 58th, and third to Capt. Robson's imp. Craibstone Baroness, who was shown in field condition, having nursed her own calf. Goodfellow Bros. had an excellent entry in this class in the red and white Lavender Lass, which many of the breeders considered should have had a place in the list instead of the second-prize winner.

The sensational feature of the Shorthorn class was the ring of fourteen yearling heifers. It is safe to state that never in a Canadian show were so many of so high an order of excellence seen together, and a prominent breeder and importer, recently returned from Scotland, where he attended the Highland Society's show this year, declared emphatically that the display of heifers of the same age at that ancient but honorable, yet up-to-date show, was not in it with the exhibit in this section at Toronto. The beauty of the class was its uniformity of excellence, which was so marked that it was with great difficulty that anyone could satisfy himself in picking for the best. There was not an outstanding first in the ring, for the reason that nearly all were first-class, and it was largely a matter of taste how they should be placed. There were five prizes to be awarded, and though it was generally conceded that the judges selected the five best heifers, there was by no means a unanimity of opinion as to the order in which they should be placed. It was an interesting coincidence and a decided compliment to the skill and judgment of Mr. Watt as a breeder that the judges finally tied to two of his four entries, bred by himself and sired by Royal Sailor, the first- and second-prize ribbons in such a phenomenal class. These were the roan Mildred 8th, full sister to Mildred 6th, which was second-prize 3-year-old cow at Toronto last year, and the red Matchless 25th, full sister to Matchless 18th, the first-prize cow of the same age and the champion female of the class in 1899, which, in the present case, were placed in the order named. It is almost equally complimentary to the Hillhurst herd to say that probably a majority of the breeders present thought so highly of the rich roan imported Moir-bred heifer, Fancy Lady, by Prince of the Vale, that they would have placed her at the head of the list, although the judges put her fifth. Capt. Robson got into third position with the grandly-furnished roan, Lady Sowerby, bred by Mr. William Linton and sired by British Lion, and to the Captain also fell the Scotch animal for Lavinia's Blossom 3rd, a lovely cow of the blue stamp, bred by himself and sired by the same sire. The heifer calves were also a great attraction, there being twenty-seven entries in the class, and twenty-five in appearance. This



SUMMERHILL RULER.

First-prize Yorkshire boar, over 6 and under 12 months.
Toronto Exhibition, 1900.

PROPERTY OF D. C. PLATT & SON, MILLGROVE, ONT.

worthy of note, and exceedingly creditable to the breeder, that the whole of the animals in the exhibit of Mr. Watt, which was so successful in the competition in this class, were bred by himself, and sired by one bull, Royal Sailor. The awards in this class were made by Hugh Thompson, St. Mary's, and Wm. McIntosh, Burgoyne.

HEREFORDS.

The Hereford breeders have had a good year. The demand for bulls has been brisk, and sales of these have been satisfactory. As a result the breeders are in good spirits, and they brought their cattle out to the Toronto Fair in larger numbers and in even better bloom than usual, reflecting credit on the faithful herdsmen in charge. Three very strong herds were well represented by entries in nearly every section in the class. The exhibitors were Messrs. H. D. Smith, Ingleside Farm, Compton, Que.; W. H. Hunter, The Maples, near Orangeville, Ont.; and the Stone Stock Co., Guelph. The class was judged by R. J. Mackie, Oshawa, and Caleb Rawlings, Ravenswood. In aged bulls, Mr. Smith's well-known champion, Mark Hanna, came out in his three-year-old form, fully matured and looking better than ever before. He has certainly developed into a great bull, and carries a wealth of high-class flesh smoothly and evenly distributed. He stands on strong, short legs, well set under him, and if his head and legs were cut off, his body would be as near a cube as any beef animal we have ever seen. He has wonderful heart-girth, crops and loin, and fills the bill fully for an ideal beef bull. He repeated his former record of winning the male championship of the breed. In two-year-old bulls, Mr. Smith scored first and second with Amos 5th of Ingleside and Sir Ingleside, both sons of Sir Horace, the Corrector bull formerly in service in the herd, now at the head of the herd of Mr. W. Black, Amherst, N. S., and one of the best of the breed in the Dominion. These are like their sire, lengthy, low and level, with model heads and well-fleshed backs and ribs. The Stone Stock Co. won third prize on the imported bull, Baronet, who has greatly improved since last year, and is a right good representative of the breed, but shown in only good working condition. The Ingleside herd had also a popular first-prize winner in the yearling class, in Prince Ingleside, another son of Sir Horace, and one of the very best young bulls of the breed shown here in the last ten years. He is a model Hereford, with a handsome head, short face and wide between the eyes, and the most approved type of horns. He is short-legged and thick through the heart, deeply fleshed on the back, has long, level quarters and big thighs. He will surely go on to be a show bull for years. Mr. Hunter's Van Nattabred bull, Young Actor, by Actor, and out of Lady Grace, won second prize, and is a very promising young bull of the proper stamp, bound to go on to be a good one. The Stone Stock Co. scored first and second in bull calves with Stone's Clarence 1st and 2nd, by Clarence, and out of the cows, Sweetheart 2nd and 3rd. These are typical representatives of the breed, full of quality and promise.

Eight really good cows contested for honors, three of which were from The Maples herd, four from Ingleside, and one from the Guelph herd. The three prizes were captured by the Ingleside herd, the first going to Chatterbox, 2nd to Lady R, and 3rd to Duxmoor Brenda, all imported. In three-year-old cows, Ingleside won first with Sylvan 7th, by Sir Horace, and third with imp. Lady Bountiful, the Stone Co. contributing the second-prize winner in Ionia, by Young Ingleside 2nd.

In yearling heifers, the Stone Co. got into first place with Graceful 96th, by Barhette, an extra good heifer, with grand crops and ribs, thickly fleshed and brought out in blooming condition. In heifer calves, the Stone Co. came in for first with Peach 35th, and Mr. Hunter second and third honors with Jessamine and Queen Esther.

The competition for the sweepstakes for best female narrowed down to a contest between the Ingleside first-prize cow, imp. Chatterbox, and the Stone Co.'s first-prize yearling, Graceful 96th, the judges hesitating for some time as to how it should go, and asking for a referee, but finally agreeing on the cow for the coveted honor. In the herd competition for best bull and four females, the first and second prizes went to Ingleside, and third to the Stone Co.

POLLED ANGUS.

The entries and display of cattle in this class were well up to the standard of former years. The animals were well brought out, in good, blooming condition, without being overdone. The class was judged by J. McNeil, Maple, and John Miller, Markham, who also passed upon the Galloways. The exhibitors were Messrs. Stewart & Son, Lucasville; James Bowman, Guelph; and W. Hall, Washington. Bowman's grand bull, Kyma's

Heir, was again first-prize winner in the section for bulls three years old and over, and he was also the male champion of the class. Mr. Bowman also won 1st for bull calf, for three-year-old cow, the 1st herd prize for one bull and four females, the championship for females with the three-year-old cow, Elm Park May, and 2nd for cow over four years, for two-year-old heifer and yearling heifer. Hall had the 1st-prize cow in Lady Aberdeen, 1st-prize two-year-old heifer and heifer calf, the 2nd-prize three-year-old cow, heifer calf, and herd. Stewart & Son had the 2nd-prize three-year-old bull and yearling bull, and 3rd-prize bull calf, aged cow, three-year-old cow, and heifer calf.

GALLOWAYS.

This class came out in good condition and in goodly numbers, looking fresh and carrying, as usual, a fine quality of flesh evenly distributed. There has been good demand this year, and satisfactory sales have been made. The exhibitors were Messrs. D. McCrae, Guelph, and A. M. & R. Straw, Brantford. Mr. McCrae's newly-imported three-year-old bull, Lord Wedholme, bred by the Duke of Buccleugh, a typical representative of the breed, low-set, thick-fleshed and full of character, won first honors in the class and the male championship of the breed. McCrae had also the honor of winning the 1st prizes in all the other sections of bulls, namely, two-year-old, yearling bull, and bull calf. Also 1st and 2nd for cows, 1st for three-year-old cow, two-year-old heifer, heifer calf, the 1st herd prize for one bull and four females, and the championship for female for the 1st-prize cow, Semiramis 25th. Messrs. Shaw had the 1st-prize yearling heifer and 2nd-prize three-year-old bull, 3rd-prize cow, 2nd-prize three-year-old cow, two-year-old heifer and herd, and 3rd-prize heifer calf.

DAIRY BREEDS.

AYRSHIRES.

Ayrshires made decidedly the strongest show of all the dairy breeds at Toronto this year, and perhaps the strongest they have ever made here, every section of the class being well filled with high-class animals. In no other class of dairy cattle shown in Canada is so great a degree of uniformity of type found as among the Ayrshires. They made a mag-

competition for the breeders' herd prize for groups comprising one bull and three heifers under two years, bred and owned by exhibitor, Ogilvie was placed 1st, Ness 2nd, Hume & Co. 3rd, N. Dymont, Clappison, 4th.

In the section for cows four years old or upwards, there were 23 entries, 20 of which lined up before the judge, and it is doubtful whether so many good cows of the breed ever mustered on the same ground before. It was a sight to delight the eyes and the hearts of dairymen, and especially of admirers of the bonnie Ayrshire "coo." It was no easy task for a judge to satisfy himself as to the placing of the four best cows among so many good ones, and hopeless to expect to satisfy the exhibitors, but it would have been difficult for any unbiased person to go past Mr. W. E. H. Massey's Lady Stirling 3rd, in the condition in which she came out, having calved on the show ground on the morning of the day of judging, and showing an immense udder, evenly balanced, and with good-sized, well-placed teats. She is a daughter of Silver King, has good handling qualities, and has the shape and appearance of a useful dairy cow. She was placed at the head of the prize list. The Ogilvie Co.'s cow, imp. Edith of Lessnessock, given 2nd place, is an ideal Ayrshire cow of the modern type, such as one could hardly help coveting. Stylish and ladylike in carriage, handsome and full of quality, with a skin and hair handling like the finest fur, standing on moderately short legs, with well-sprung and deep ribs, long, level quarters, a well-formed udder running well forward and back, with a level sole and good teats, well placed. She is smooth and orthodox in appearance, and, as her escutcheon would indicate, is no idle beauty, having given 58 lbs. of milk daily, and we would like to know how many of the rough-boned cows can do better. The placing of Lady Ottawa, shown by Wm. Stewart & Son, Menie, 3rd, was somewhat of a surprise, as she was dry, and though within a week of calving, had made scarcely any show of udder. We have no word of censure to say of Lady Ottawa, as she is known to be a royal good cow, but her mother, Jean Armour, in the same herd, who was in the competition in good form, and with her model udder and teats, fully as good a cow, if not better, might well have been given the place, if indeed the imported cow from the Ogilvie herd, Mayflower 2nd of Drumsue, which was placed 4th, should not have gone a step further up, for she is a grand, big, useful-looking cow, with a grandly-shaped and capacious udder. It is needless to say that it must have been a phenomenal class of cows when such grandly good ones as Hume & Co.'s Eva of Barcheskie and Wylie's Countess of Langside and White Glen of Holehouse, three imported cows of outstanding merit, could not have a place in the prize list. The Ogilvie herd supplied a popular 1st in the class for 3-year-old cows, in the yellow, red and white Dandy Lass of Nethercraig; and the Burnside herd of Mr. Ness a close 2nd, in Gertie of Maple Cliff, by Matchless; while Hume & Co.'s Snowflake came into 3rd place; and Wylie's Sylvia of Elmshade 4th.

In a good class of nine 2-year-old heifers, Hume & Co. scored 1st, with Eva's White Pearl, by White Chief; Stewart & Son 2nd; Wylie 3rd, with Nora of Elmshade; and Ness 4th, with Lady Spottie. The yearling heifers made the best display of all the younger classes, there being 15 in competition, and a dozen of them first-class. Hume & Co. were fortunate in getting to the top of such a turnout with their Little Love, by White Chief. The Ogilvie outfit scored 2nd and 4th with Glenora Daisy Queen and Glenora Sally, both by Comrade of Garlaff, and it might have been nearer right if the order had been reversed; while Ness fell into 3rd place with Lady Earle of Burnside, by Harcourt. In a beautiful bevy of seven heifer calves under a year, a short leet of five was drawn out that would be hard to beat in any country, and the prizes fell, 1st to Ness, 2nd to Hume, 3rd and 4th to Ogilvie. The female championship fell to Massey's cow, Lady Stirling 3rd.

The bulls were a good lot in most of the sections. In that for bulls over three years, the 1st place was given to W. E. H. Massey's Silver Prince of St. Louis, the first-prize and sweepstakes bull at Toronto last year, when shown by Mr. Wylie. He is a bull of grand quality and constitution, and though shown in heavier flesh than it is thought prudent to have a dairy bull, yet he could not well be denied the place. The 2nd award, which fell to N. Dymont's (Clappison) Drummond, was a surprise to many breeders, who could not follow the judge in his rating in this section. Ogilvie's imp. Douglasdale of Dam-of-Aber, the champion of the Scottish spring shows this year, showed to disadvantage, being lame from sore feet, but he has fine dairy conformation and quality, and should have been placed higher in Toronto; while Wylie's Uncle Sam, a son of imp. Nellie Osborne, is a good stamp of the breed, and might well have been in the list of prize-drawers. The 2-year-old bulls furnished the male champion of the breed in Mr. Ness' imp. Duke of Clarence of Barcheskie, by Mischiefmaker. He is a model Ayrshire bull of the modern style, with faultless dairy conformation, a proud bearing,



THREE-YEAR-OLD SHORTHORN BULL, KNIGHT OF LANCASTER.

Second prize at Winnipeg. And two of his heifer calves. PROPERTY OF G. & W. HENNIE, CASTLEBERRY, MAN.

nificent display of dairy cows, and of heifers promising well to grow into good milking cows. The awards of prizes were made by a single judge, Mr. A. Kains, Byron, Ont., officiating, and considering the magnitude of the undertaking, he probably made as good work and as few mistakes as any two men would have done. This, of course, is not saying that no mistakes were made, as that can seldom, if ever, be said of anyone in this capacity. The rule adopted in this class and some others, of bringing on the competition for the herd prizes as the first feature in the programme, puts a man in a tight place, and it requires a pretty steady head to go into the ring at the opening of the ball and size up and place in proper order of precedence six or eight groups of five or six animals in each. The advantages claimed for this practice are that it disposes of the milking cows early in the day, as the cows are judged immediately after the herds, when they can be milked out, and thus saved from suffering from unduly distended udders; and that by this system the judge is saved from the necessity of balancing the number of first and second prize cards given to each herd in the individual competition in the different sections, so as to have some claim to consistency in the whole of his work.

Eight high-class herds, each consisting of one bull, two cows over three years, one 2-year-old heifer, one yearling heifer, and one heifer under a year, lined up before Judge Kains on this occasion, and to do him justice it must be said that he went about his work systematically, and placed the prizes as nearly right as any one could be expected to do under similar circumstances, resulting in the four prizes being distributed as follows: 1st to W. W. Ogilvie, Lachine Rapids, Que.; 2nd to A. Hume & Co., Menie, Ont.; 3rd to R. B. Ness, Howick, Que.; 4th to W. Wylie, Howick. The prizes for four animals, the progeny of one bull, went: 1st to Hume & Co., for the get of White Chief of St. Ann's; 2nd to Ogilvie, for the offspring of imp. Comrade of Garlaff; 3rd to Ness, for the progeny of Harcourt of Burnside; and 4th to McCormack & Son, Rockton, for sons and daughters of Jock Morton. In the

and fine quality of skin and hair. He was, of course, 1st in his class, and was followed by a right good one in McCormack & Son's imp. Glenora Sultan, by the Sultan of Auchanbaizic. He has capital quality and character, and should prove a worthy successor to Jock Morton at the head of the Rock-ton herd. The Ogilvie herd had a good one for 3rd place in imp. Glenora Knockdon, by The Sloth of Hillhouse. In yearling bulls, Stewart & Son scored with Hover-a-Blink, by Dainty Lad of Elmshade, a deep-ribbed, well-formed youngster of excellent character and approved dairy shape. Wylie had the second-prize winner in Cock o' the North, by imp. Napoleon of Auchanbrain, and out of White Lady of St. Ann's, a big, thrifty, well-shaped bull of good quality. Ogilvie's Prince was 3rd, and Hume & Co.'s White Cockade 4th. In bull calves under a year, McCormack had the winner in Royal Salute, by Waverley, a choice calf full of quality and of approved type. Ogilvie's entry came 2nd. Stewart & Son had a nice one for 3rd place in Lord Roberts, by Glencairn of Burnside, and out of the favorite Jean Armour; and Wylie had a good one in White Prince of Elmshade, by Scotland's Glory, for 4th place. Stewart showed another very promising youngster named Kitchener, from Lady Ottawa, and by Jock of Hazeldean.

JERSEYS.

The display of Jerseys was not as large as in the last two years, owing, no doubt, to the absence of the United States herds which were present in those years, but there were very close to one hundred entries, being the second largest in any class in the show, and the bulls were notably a good lot, as also were the yearling heifers and heifer calves. The cows were not as strong an exhibit as we have seen here, but there were a few very meritorious entries. Taking the class in the order of the catalogue, the sections for bulls three years old and over had four excellent entries, including the two grand imported, Island-bred bulls, Lord Dentonia, owned by W. E. H. Massey, and Distinction's Golden, by Golden Lad 2nd, owned by Robert Davies, both of Toronto; Prince Frank's Son, by Prince Frank, bred and shown by W. G. Laidlaw, Wilton Grove, and Albert Easter, a grand old bull, close to his teens, bred by V. E. Fuller and shown by B. H. Bull & Son, Brampton. Prince Frank's Son, placed first by the grace of the judges, has length almost to a fault, and fineness of head, neck and shoulders almost, if not quite, to effeminacy, and was fortunate, as he has been every time shown, in getting to the front in his class, but doubly fortunate in finding a place above the two model bulls of the modern Island type, shown against him, which have breed type, masculine character, fine conformation and quality of skin and hair in high degree. It is nearly a matter of a toss up for which should go first, though probably the richness of his skin and smoothness of his shoulders should give the Massey bull preference, but Distinction's Golden is a bull that has never found his proper place in the estimation of the judges at Toronto, though he gets nearer to it each year, and when the quality of his progeny is considered, his value is made manifest, his get having won in this show six first prizes and four seconds, including the first for four animals the progeny of one sire, and the first breeders' herd prize for best bull and three heifers under three years, bred by the exhibitor. Distinction's Golden was given second place in this competition, and Lord Dentonia, 3rd, which, of course, left them both out of the race for the championship, which fell to Massey's magnificent 1st prize two-year-old bull, Bim of Dentonia, another son of Prince Frank, the fine show bull and sire formerly at the head of the herd of Humpidge & Laidlaw, at Wilton Grove, a champion three times at the Western Fair at London. L. B. Davidson, Newcastle, had the 2nd-prize winner in the two-year-old class, in Sir Wilfred, by Baron Hugo of St. Ann's, a capital type of the breed, showing much quality. Third prize went to Queen's Leo, shown by E. Wick, Mt. St. Dennis, and 4th to W. G. Laidlaw's King of Beechland, by Queen's Count and out of Adelaide's Daughter, a bull of rich breeding, good quality and fine character. In the yearling bull section, a clear first was found in Canada's Golden Prince, shown by E. N. Fleming, Toronto, a son of imp. Distinction's Golden, by Golden Lad 2nd, and of imp. Canada's Queen, female champion of the breed at Toronto in 1897 and 1898. He was the 1st-prize bull under a year here in 1898, in powerful competition, has gone on well, and is an elegant young bull, full of character and quality. Second prize went to the imported bull, Blue Blood of Dentonia, shown by D. Duncan, Don, sired by Autocrat, and out of Brilliant of Dentonia. He is a bull of fine type and quality, and looks like going on to make a first prize winner later. Third honors fell to Massey's imp. Duke of Dentonia's Golden, and fourth to a cow, also bred by Massey. Bull calves under a year were awarded as follows: 1st, Golden Lad of the Island, shown by B. H. Bull & Son, Brampton; 2nd, a son of imp. Monarch, shown by W. G. Laidlaw, Wilton Grove; 3rd, a son of imp. Bull & Son, shown by B. H. Bull & Son, Brampton; 4th, a son of imp. Monarch, shown by W. G. Laidlaw, Wilton Grove. Heifer calves under a year were awarded as follows: 1st, a daughter of imp. Monarch, shown by W. G. Laidlaw, Wilton Grove; 2nd, a daughter of imp. Monarch, shown by W. G. Laidlaw, Wilton Grove; 3rd, a daughter of imp. Monarch, shown by W. G. Laidlaw, Wilton Grove; 4th, a daughter of imp. Monarch, shown by W. G. Laidlaw, Wilton Grove.

Gold Stamp, by Distinction's Golden, and out of the charming imported cow, Nita Belle, a very promising calf. Fourth went to Davidson, of Newcastle, for Eva Bob's White Buller, a name that ought to win in any fight. Bull calves under six months had a popular winner in Gold's Jack of Hearts, sired by Prince Frank's Son, the 1st prize aged bull, and shown by W. G. Laidlaw, Wilton Grove. Second prize went to Massey's He's a Daisy, and third to Golden Star, still another son of Monarch, shown by Bull & Son.

The class for cows four years and over was led by imported Sensation of Dentonia, of the Massey herd, a beautiful cow, of fine dairy form and breed character, carrying an immense udder, evenly balanced fore and aft. Second place was given to Glenfield, an imported cow of much merit, shown by Robt. Davies, Toronto. Third honors went to the Dentonia herd, for imp. Island Queen, a grand old cow that has been one of the best in her day. Three-year-old cows were a moderate class, as also were 2-year-old heifers. In the former, Davies won with Patience of Prospect, Bull & Son 2nd and 3rd with Dolly's Pet and Chaprel of Brampton, both by Aylesbury. In 2-year-olds, Massey won 1st with Golden Lil, Davies 2nd and 4th with Golden Glenfield and Juno of Prospect, and Bull 3rd with Mermaid of Brampton. Yearling heifers were the sections *par excellence* of the class, in which Davies' Beautiful Belle, by Distinction's Golden, won 1st in the division for heifers in milk, Bull 2nd and 3rd with Jessie Pogis and Brampton's Princess. Heifers not in milk were worthily led by Davies' entries for 1st and 2nd with Distinction's Pet, out of imp. Nicotine's Pet, and Beautiful Crocus Bud, a daughter of imp. Crocus Bud, and both by Distinction's Golden, two of the sweetest and comeliest heifers ever shown in Toronto, models of dairy form and breed type. Third went to Massey's Pretty Maid, and fourth to Bull's Beauty 2nd. Heifer calves under a year were led by Distinction's Best, of the Davies herd, another daughter of the great sire; 2nd to Massey, 3rd to Duncan, 4th to Massey. Heifer calves under six months were rated: 1st to Bull & Son for Monarch's Happy Thought, 2nd and 3rd to Davies for daughters of Distinction's Golden, 4th to Massey. The prizes for progeny of one bull



A YORKSHIRE BOAR.

were awarded: 1st to Davies for the get of Distinction's Golden, 2nd to Massey, 3rd to Bull & Son for progeny of Monarch. The breeders' herd prizes for bull and three heifers under two years went to: Davies 1st, Massey 2nd, Bull 3rd, Duncan 4th. The open herd prize for bull and two females over three years, one 2-year-old, one yearling, and one under a year were given: 1st to Massey, 2nd to Davies, 3rd to Bull & Son. The sweepstakes female was Massey's cow, Sensation of Dentonia. The judges in this class were Messrs. R. Reid, Berlin, and W. W. Ballantyne, Stratford.

HOLSTEINS.

The black and white dairy cattle made a good showing, as they always do here, and they are being steadily improved in the direction of smoothness and symmetry of type, and rich, soft-handling skin and hair, and also in more generally well-formed or better-balanced udders, conforming more and more with the advanced idea that beauty of form on short legs is not incompatible with a high degree of utility. Breeders would more generally and more rapidly improve in these directions if they had some system by which they could secure up-to-date judges for the class at leading shows. Uniformity of type is liable to follow uniformity of judging and rating of the animals in competition, and if Holstein breeders could secure a judge who is in line with advanced thought in this regard, they would do well to stay with him or keep him with them for a term of years. Failing this, the suggestion that the competitors at the principal shows form themselves into a committee of the whole and vote by ballot for the placing of the competing animals might be worth considering. We would not fear to risk our reputation that under this system the rating would show more consistency than we have seen in Toronto for some years, and would be more educational and helpful to young breeders and the public generally. As it is now and has been for several years, the mystery of judging is a mystery that has been past finding out, and the work suggestive of the fitness of the animals is done by a square hole. The rule

requiring the herds to be shown first makes it no light task for a man to start with in a heavy competition, and he needs to be pretty cool and level-headed to escape being rattled, and this may in some measure account for the wandering character of the work done in the cow classes on this occasion. We can understand the difficulty of judging bulls and young heifers in the dairy breeds, but when it is a question of the best type of milking cows when their udders are full, as they are generally shown, a man ought to get somewhere near right, and his work show some degree of uniformity and consistency.

In the section for cows 4 years and upwards there were 17 entries, but several were absentees, and about two-thirds of the number came out. They were a strong lot of dairy cows, and the list included several of the best show cows in the country. The first award fell to Inka Sylvia, shown by Gilroy & Son, Glen Buell, a neat and useful young cow by Inka Kathleen's Son; second to Queen De Kol 2nd, from the herd of G. W. Clemons, St. George, a big, plain cow with a pendant udder, and an illustration of utility without beauty, but not a show cow. Third went to Gilroy's Carmen Sylvia, a handsome cow that has proved her claim to usefulness in public tests, and that carries a model udder when in full milk, but has been long in lactation and did not show to best advantage. Fourth prize went to Daisy Texal 2nd, of the herd of Geo. Rice, Currie's Crossing, a neat little cow and a good performer, but not in it as a show cow and a worker combined with such cows in the same herd as Winnie R. and Woodland's Isoco, which are large, handsome, of fine handling quality, and carrying shapely udders as well. This rating also left out of the prize list the beautiful and typical dairy cow, Highland Cornelia, of the herd of Rettie Bros., Norwich, the first-prize cow at Toronto last year, and by common consent of breeders the best show cow out this year, a model of dairy conformation, fine in her handling, and carrying an ideal udder in form and attachment, with teats of the right size and rightly placed. It is said the judge saw his mistake in overlooking such a cow when his attention was called to her, and expressed regret for the mistake, which was the best that could be done at that juncture, but, as Rettie says, that doesn't pay any freight, and it does injustice, though doubtless unintentional, to the owner and the animal.

In a good class of 3-year-old cows, Gilroy got to the front with Gilliflower 2nd, Rettie second with Highland of Spring Grove, Clemons third with Kaatje De Boer 3rd, and Rice 4th with Princess of Norval. A strong section of two-year-old heifers were rated as follows: C. M. Keeler, Lyn, first, for Jewel Sylvia; Gilroy second, for Carmen Sylvia 2nd; Gilroy third, for Inka Sylvia, and Clemons fourth, for Daisy Soldine Clothide. In yearling heifers in milk it was: Clemons first, for Vida Princess 3rd; Rettie second, for Fanny R. De Kol; Keeler third, for Gem Lutske 3rd, and Gilroy fourth, for Inka Sylvia 3rd. Yearling heifers not in milk, the rating was: Rettie first; Rice second and fourth, with Calamity Jane second and Edgley Frena fourth; Clemons third, with Cornelia Col-antha. Heifer calves under a year were placed in this order: Gilroy first and fourth, with Carmen Sylvia 2nd's De Kol and Inka Sylvia De Kol; Rettie second and third, with Jemima Worthenall and Cornelia Schuiling. Heifer calves under six months: Rettie's Annie Schuiling first. The sweepstakes female was Gilroy's first-prize cow, Inka Sylvia; Keeler's Rideau May second; Rice's Albino Fairmont third; Clemons' Inka 5th's Pauline fourth.

The bulls were generally of good type and quality, and the prizes were widely, if not always wisely, distributed. In the section for aged bulls, the 1st prize was worthily won by the veteran Count Mink Mercedes, owned by G. W. Clemons, the champion bull in this show ground for four years, including the present. He is a magnificent specimen of the breed, standing well on short legs, with a handsome head, neck and brisket, well-sprung ribs, and the softest and richest kind of skin and hair. Would there were more like him in appearance, while as a breeder he has left his mark in indelible lines of beauty and usefulness in the herd in which he has so long served. Rice's Homestead Albino De Kol, the second-prize bull, is of similar character in the richness of his skin secretions and quality of his handling, and is a worthy 2nd. Gilroy's Carmen Sylvia's Prince, placed 3rd, is a worthy son and successor of his worthy sire, Inka Kathleen's Son; and Keeler's Judge Akrum De Kol, the fourth-prize bull, is full of quality and high-class character.

Two-year-old bulls were a good lot, and the awards were: 1st to Rettie, for Worthenall 3rd's Sir Pietertje; 2nd to Rettie's Sir Abbekirk Posch, a son of the great record-testing cow, Altje Posch 4th; 3rd to Gilroy's Jonathan 2nd.

Yearling bulls were an evenly good class, and were rated: 1st, Gilroy's Gilliflower Paul de Kol; 2nd, Rettie's De Kol Korndyke; 3rd, Rice's Count Calamity Clay; 4th, Rice's Calamity Jane's Paul.

In bull calves under a year, it was Clemons 1st; with Lucas' Paul de Kol; Keeler 2nd, with Homestead De Kol Bell Boy; both handsome and fine white calves.

Bull calves under six months were placed in this order: Rettie's Sam Schurling, 1st; Keeler's Canadian, 2nd; Clemons' Judge Patrick De Kol, 3rd; Gilroy's Erie Bell 2nd's Sylvia Prince, 3rd.

The herd prizes for best bull and four females over 1 year were awarded in the following order: 1st to Gilroy & Son, 2nd to Clemons, 3rd to Rice, 4th to Rettie. The prizes for the best four animals, the progeny of one bull, went: 1st to Gilroy & Son, for the get of Inka Kathleen's Son; 2nd to Gilroy & Son, for offspring of Gem Pietertje Hengerveld Paul De Kol; 3rd to Clemons, for the get of De Kol 2nd's Paul De Kol Duke. The awards were made by Mr. A. F. Cole, Morrisville Station, N. Y.

GRADES AND FAT CATTLE.

There was a creditable display in these classes, as is usual at Toronto, all, with one exception, being Shorthorn grades, the principal exhibitors being Jas. Leask, Greenbank, and Fried & Sons, Roseville, the former securing all of the first prizes but one, in both classes. The 1st-prize two-year-old steer, a son of the champion show bull, Money-fuffel Lad, is a model butcher's beast, carrying a great wealth of high-class meat, evenly distributed, and strong in the most valuable cuts. The exhibits in all the sections of these classes were really of great merit, and great credit is due to their breeders and feeders. Toronto Exhibition is behind the times in not having separate classes for grade beef cattle and for grade dairy females, or at least for cows of this class in milk.

SHEEP.

The capacious sheep pens were filled to overflowing with first-class stock in every section, in sympathy with the excellent trade of the year. It is doubtful, indeed, if ever the average quality in all the classes was higher.

COTSWOLDS

were well shown, in goodly numbers, by John Rawlings, Ravenswood; John Park & Sons, Burgessville; John Thompson, Uxbridge; A. J. Watson, Castleberg, and T. H. Shore, Glanworth. Watson won in 2-shear rams, followed by Park and Rawlings in the order named. In shearing rams Park scored, with Thompson second and Rawlings third. In ram lambs Rawlings won worthily with a typical lamb of his own breeding over the pick of the first-prize pen at the Royal Show, Watson winning second with an imported lamb of fine character, Park third, and Rawlings fourth. In aged ewes Park led, with Watson second and Shore third. In shearing ewes the first and second prize pairs were found in Rawlings' pens in a charming pair, firmly-fleshed, level, and well fitted, carrying elegant fleeces, and winning over imported ewes. In ewe lambs Park won first with his own breeding, Watson second with imported lambs, Rawlings third and fourth. For the pen prize of 1 ram, 2 ewes and 2 ewe lambs, Park got first place and Watson second, the latter claiming to be handicapped by having two ewes sick, one being taken with cramps while being shown. For the Canadian-bred pen of 1 ram, 4 ewes and 2 ewe lambs, Rawlings scored first and Shore second. The Cotswold Association prize for 1 ram and 1 ewe, 2 years or over, was won by Park & Sons; and that for 4 lambs, consisting of 2 rams and 2 ewes, by Rawlings. The class was judged by Thomas Teasdale, Concord.

LEICESTERS

made a grand showing, as usual, the exhibitors being J. M. Gardhouse, Highfield; A. W. Smith, Maple Lodge, and Whitlaw Bros., Guelph. The exhibits from each flock were all well fitted, without being overdone. The class was judged by Jos. Gaunt, St. Helen's. Whitlaw scored in the section for 2-shear rams with a capital backed sheep, and was closely pressed by Smith, who won 2nd, and by Gardhouse, who came in 3rd. In shearing rams the competition was keen, and Gardhouse got into 1st place with a lengthy, well-woolled sheep, not so well covered on loin as desirable, Smith being placed 2nd with a more compact and firmly-fleshed sheep, handling well throughout. In ram lambs the 1st prize went to Smith, for a good-handling lamb with good fleece, but Gardhouse had a strong entry and might have gone higher than 2nd without complaint. Aged ewes were a strong class, and Smith won 1st with a grand pair, one of which is especially meritorious in style and substance, weighing, it is claimed, 365 lbs. Gardhouse had also an elegant pair, which were placed second, and one of which was the sweepstakes ewe at the Provincial Winter Show last year, a typical representative of the best of the breed. In shearing ewes the competition was very strong, the same feature as in the former section being noticeable, the pairs being not well matched, making it a difficult task for a judge to place them satisfactorily, and raising the question whether it would not be more equitable if ewes were shown singly, as they are in this class in Scotland, and in all classes of sheep in the United States. Gardhouse in this section scored 1st, with Smith 2nd and Whitlaw 3rd. In ewe lambs, Whitlaw was 1st and 4th, Gardhouse 2nd, and Smith 3rd. The open flock prizes, 1st and 2nd, were won by the Maple Lodge contingent of Mr. Smith; and the Canadian-bred flock prizes by Gardhouse 1st and Whitlaw 2nd. The Leicester Association flock prizes for over a year old went 1st to Smith and 2nd to Gardhouse, and those for 4 lambs to Whitlaw and Gardhouse, as named.

LINCOLNS.

A record show was made in this class, which has come rapidly into prominence in the last few years,

their great size and quality of wool and flesh being much admired. The exhibitors were J. H. & E. Patrick, Ilderton; John T. Gibson, Denfield, and Wm. Oliver, Avonbank. The first-named firm have in the last two years made extensive importations of selections from leading flocks in England, including a large share of the Royal winners, and put up a marvellous exhibit on this occasion, made up jointly of this year's importation, fresh from victory at the Royal and other leading English shows, and selections from their last year's importation, fitted by Brooks, the manager, whose hand has not lost its cunning, the result of long experience as an exhibitor in bygone days.

John Gibson, one of the very best judges of sheep and of most classes of stock in the Dominion, is a pioneer Lincoln breeder in Canada, who through long years of successful work has stood by them consistently, having full faith in their merit as profitable producers of high-class mutton and wool, and who has made many importations from the best of England's flocks, and only last month received an importation of 20 choice field ewes in breeding condition to strengthen his already typical flock, made a strong show of sheep of his own breeding and fitting, in which his good judgment and skill as a breeder and feeder was well displayed, his sheep being brought out in the best of bloom as to flesh and fleece, without being overfed, but standing well on their feet, active and bright and looking like going on with useful lives as breeders. For this a fair share of credit is due to the faithfulness of Joe Linden, the shepherd so long and well known as associated with the successful show outfits of the former firm of Walker & Gibson, who held the banner of the breed aloft creditably for many years.

In the section for rams 2 years and over, the Fairfield flock of Messrs. Patrick had a popular winner in Mr. Tom Casswell's great sheep, which stood first at the Royal Show this year, and was imported at a cost of \$1,200. He is a magnificent representative of the breed, standing on strong, short legs well set under him, a powerful neck and scragg, and firmly-fleshed back and a faultless fleece of fine, even fiber on all parts of the body. The same firm had a grand 2nd in one of their last year's importation, fitted by Brooks, with a grand back and great spring of ribs, and fine, even fleece. Gibson's entry, an evenly-balanced sheep with ideal fleece and flesh, came into 3rd place over the big Dudding sheep, son of the thousand-guinea ram of '88, which, though not fitted for show, but in breeding condition, is a grand specimen of the breed. In a class of 9 yearling rams Gibson got into 2nd place with a capital sheep full of quality and character, 1st and 3rd going to the Fairfield flock for imported sheep of last year's consignment, highly fitted, one of which was in the Royal first-prize pen last year. Imported ram lambs shown by Messrs. Patrick, and which were in the first-prize pen at the Royal this year, were placed 1st and 2nd, Gibson coming in 3rd. In 2-year-old ewes Gibson scored 1st with a grand pair, full of natural flesh and finely-fleeced, Oliver being 2nd, and Patrick 3rd. In shearing ewes, also, Gibson was second with a comely pair of well-matched ewes, Patrick worthily winning first honors with a grand pair bred by Mr. Dudding, which were in the first-prize pen at this year's Royal Show. Their second pair having been weakened by the loss of one of the Royal ewes by railway roughness and one from the extreme heat, they fell into 3rd place, though they were also grandly good ones. In ewe lambs the Royal winners in the hands of the Patricks came in 1st and 2nd, Oliver winning 3rd, and Gibson 4th. The open flock prizes, 1st and 2nd, fell to the Fairfield flock, while 1st and 2nd for Canadian-bred flocks of 1 ram, 4 ewes and 2 ewe lambs were taken by Mr. Gibson.

SHROPSHIRE.

While there were fewer competitors than usual in this class, and fewer sheep shown, the quality and character of the breed was never better represented. When and where John Campbell, of Woodville, enters an outfit from his famous Fairview flock, there is always a successful show of Shropshires, and he never was in better shape to meet all comers than he is this year, the 18th year in succession in which he has exhibited at the Toronto Industrial, and this year he succeeded in carrying off the largest number of 1st prizes and the largest amount of prize money he has ever captured here, winning ten out of the twelve 1st prizes in the class, including the four 1st flock prizes, two of which were offered by the Fair Association and two by the American Shropshire Association, and the sweepstakes for best ram and best ram lamb. His sheep were, as usual, of the highest class in character and quality, and brought out in beautiful bloom, but by no means overdone, and he prides in the fact that in nearly every instance the 1st-prize winners were of his own breeding, a striking circumstance being that in seven of the ten sections, sons of his World's Fair champion, Newton Lord, stood 1st either individually or at the head of 1st-prize pens, while in four his daughters stood 1st, and in two a grandson and granddaughter stood 1st. Mr. Campbell's 1st prize two-year-old ram, a son of Newton Lord, is considered a better animal than his sire at the same age, while the 1st shearing ram, by the same sire, and which was the 1st prize ram lamb of last year, promises to be the equal of either, if he is not now. As a remarkable instance of the vigor and usefulness of this famous show ram and sire, it is stated by his owner that,

though now ten years old, he was bred to twenty ewes last season, nineteen of which proved in lamb in him. The 1st, 2nd and 3rd prizes for shearing rams, and the whole four for ram lambs, fell to the Fairview flock, as did also 1st and 2nd for shearing ewes, which latter were remarkable for quality, finish and Shropshire character from the ground up. Messrs. D. G. & J. G. Hanmer, Mt. Vernon, made a large and excellent show from their well-known flock, including a number of high-class imported sheep, and secured 1st prizes for aged ewes and ewe lambs; 2nd for two-shear ram, ewe lambs, open flock; 2nd in both Shropshire Association flocks, and 2nd in sweepstakes for ram lamb. W. E. Wright, Glanworth, and Hillhurst Farm had out a fine lot of field ram lambs for sale, showing excellent breeding and quality. The awards in the class were made by Geo. Hindmarsh, Ailsa Craig.

OXFORD DOWNS

were out in good force and made a capital showing, the principal exhibitors being J. H. Jull, Mt. Vernon, who had in his exhibit five newly-imported animals, which greatly strengthened his always strong flock; R. S. Hine, Dutton, who always shows a strong, useful and typical lot; and Smith Evans, Gourock, whose flock measures up well to the standard of first-class in character. Mr. Hine was unfortunate in having one of his best rams killed on the train, on the way to the show, and losing two others shortly before, which weakened his exhibit in these sections, and Mr. Evans depended on his own breeding and fitting for his exhibit. Mr. Jull scored 1st in two-shear rams, shearing rams, ram lambs, the winning shearing being an imported sheep of fine form and quality of flesh and fleece, bred by Mr. J. T. Hobbs, and the ram lamb an extra good one, which he sold for \$80 to the well-known breeder, Peter Arkell, Teeswater. Evans had the 2nd-prize ram in each section, and 1st for two-shear ewes, 1st for Canadian-bred flock, and the Oxford Down Association 1st prizes for yearling ram and pen of four lambs Canadian-bred, and 2nd prize for the open flock. James Tolton, Walkerton, was the judge in this class. Jull had the 1st-prize shearing ewes, ewe lambs, and open flock. Hine secured 2nd prizes on shearing ewes, with a pair imported last year, which were bred by Mr. Stilgoe, and were in the 1st-prize pen of ewe lambs at the Royal Show. He had also the 1st-prize pair of two-shear ewes, and the 1st-prize home-bred yearling ewe, for the Association prize.

HAMPSHIRE DOWNS

were shown by Mr. Cochrane, Hillhurst Farm, Hillhurst, Quebec, who had the 1st-prize pen of shearing ewes at the Royal Show this year and which were illustrated in the Sept. 5th issue of the ADVOCATE. Also a splendid ram lamb and pair of ewe lambs. This is a breed of sheep little known in Canada, but which will be appreciated when better known, being a strong, robust breed, producing a large proportion of lean meat of first-class quality, and a good fleece of fine wool. They are especially adapted to crossing with other breeds for the production of big lambs which mature early, and they have the habit of bunching or keeping well together in the flock, which commends them to the ranchers of the West. No breed of sheep is more generally popular with the English tenant farmers, the ram lambs selling readily at high prices for service.

SOUTH DOWNS

made a good showing, as usual, being well up to the standard in quality. The exhibitors were John Jackson & Sons, Abingdon; T. C. Douglas, Galt; W. E. & G. L. Telfer, Paris; and R. Shaw & Son, Glanford Station. Jackson had a great run of success, winning the 1st prizes in every section of the class. His sheep were well brought out, as usual, and showed much uniformity of type. Messrs. Telfer were particularly strong in ram lambs, of which they exhibited a capital lot, full of quality. Douglas had the 2nd-prize Canadian-bred flock, and Shaw the 2nd-prize open flock. James Tolton judged the class.

DORSETS.

No breed has made greater advancement in its display at Canadian shows in recent years than this. The breed was unusually well represented this year, strong exhibits being forward from the flocks of R. H. Harding, Thorndale; M. N. Empey, Napanee; John A. McGillivray, Uxbridge; and a couple of entries by James Bowman, Guelph. The sheep competing were well fitted and made a very interesting feature of the sheep show. Newly-imported sheep were shown by Messrs. McGillivray and Harding. The Uxbridge outfit, in the hands of Fred Silverside, the capable manager, made a very creditable showing and won rather the best of the prizes hung up, including 1st for two-shear rams, shearing ram, two-shear ewes, shearing ewes, and open flock. Harding had a capital pair of imported two-shear ewes, showing much character and quality, and he secured 2nd prizes on two-shear rams, on shearing ewes, ewe lambs, and in the flock competition open to all. McGillivray came in for first honors for shearing ram, two-shear ewes, shearing ewes, and the open flock. Empey was 1st on ewe lambs, 1st with Canadian-bred flock, 2nd with ram lamb, and 3rd with two-shear ram. The judges in this class were John Jackson, Abingdon, and T. Hector, Port Credit.

MERINOS

were shown by W. M. & J. C. Smith, Fairfield

Plains, and R. Shaw & Sons, Glanworth, between whom the prizes were divided.

FAT SHEEP

were shown by J. H. & E. Patrick, J. T. Gibson, and J. Park & Son. The 1st prize for yearling wethers went to Patrick's imported Lincoln shearlings, an uncommonly good pair; 2nd to a grand pair of Lincoln yearlings, shown by Gibson; and 3rd to Cotswolds exhibited by Park & Son.

SWINE.

The display of hogs, on the whole, was quite up to the average in numbers at a Toronto Exhibition, though considerably fewer than last year, and in quality quite up to the standard, some breeds being more largely represented than usual and others not in as strong force as we have seen them, but this applies to some classes in any year. Canadian breeders of swine have, as a rule, shown an intelligent understanding of their business, and have improved their stock rapidly by selection of the fittest to breed the progeny to conform more nearly to the type required by our best markets for bacon and hams, while still maintaining the stamina and constitution of their stock and increasing their prolificacy. In this they have acted wisely, and are enjoying their reward in an active demand, at fair paying prices, for all the young stock they can raise.

YORKSHIRES.

Interest centered largely in this class, owing partly to its having the largest entry and the largest number of exhibitors, and partly on account of the very marked dissatisfaction occasioned by the awards of the judges in some of the sections, and notably in that for boars over two years, in which there was a large entry and a number of excellent animals, prominent among which were the imported 2-year-old boar, Bottesford Wonder, bred by Mr. D. R. Daybell, and shown by D. C. Flatt & Son, Millgrove; Oak Lodge Conqueror, bred and shown by Brethour & Saunders, Burford, in his 5-year-old form; an imported 2-year-old boar bred by Mr. Denston Gibson, and shown by E. Dool, Hartington, and Mr. Flatt's second and third entries, Haskett Jr. and imported St. Peter. To state that Bottesford Wonder was the favorite for first place, in the judgment of an overwhelming majority of the breeders present, is to put it mildly, as by many of the old campaigners he was declared to be the best boar of the breed ever brought to Canada, being big, without coarseness, weighing, it is claimed, over nine hundred pounds, yet standing straight on strong, well-placed legs, of a good quality of bone, with smooth shoulders, a long, strong, well-fleshed back and quarters, deep fore-ribs and flanks, and long, thick and wide hams, and it required a good deal of nerve on the part of the judges to place him anywhere but 1st in the prize list. From conversation with many competent judges among the breeders, who were onlookers, and disavowing all prejudice, we have no hesitation in stating that there was good ground for the storm of protest from prominent breeders which greeted the announcement that Bottesford Wonder was a 3rd-prize hog in this competition. We have no sympathy with the feeling that there was personal prejudice or partiality on the part of the judges, who are known to be honorable men, and we willingly accept their own explanation—that it is a question of type, that they started out with the determination to hew to the bacon type, let the chips fall where they may—and we take issue with them on the ground that it is unreasonable to judge a breeding boar in the showing by the cast-iron standard of the packer when selecting sows at the gateway to the pork factory. The declaration that depth of fore-ribs and flanks is a disqualification may pass with little protest in the latter case, but it is a positively mischievous doctrine when applied to a sire, in which stamina and constitutional vigor must be conserved if we are to have prepotency, and maintain health, robustness, and the kindly feeding qualities which will give a decent return for the food the animals consume. The demand for the ideal bacon hog degenerates into a dangerous fad when it is virtually claimed that a breeding boar must have the slim neck of a barrow, and should have no belly, and that hams are of little account in a hog. Conqueror has been a good hog in his day and a good getter, as the many fine sows and young things in the Oak Lodge outfit got by him amply attest, and he has a long list of 1st prizes to his credit, on his own account and that of his offspring, but he has seen his best show days, and is failing in flesh, as most show hogs do at his age; while his son, the 2nd-prize boar, does not fill his place, nor give promise of doing so; but the judges were consistent thus far in following their type, and they could have found a third of the same type in the competition, and a better than the second. Their second mistake was in leaving their type to put the Flatt boar in 3rd place. If he was not the correct type for 1st or 2nd prize by their standard, by the same token, he surely was not fit for 3rd, and should have been left out of the list, which would have been much more satisfactory to his owners than to have him degraded into a 2nd-class position by the high court of official judges. In the section for yearling boars, the entry by Joseph Featherston & Son, St. Catharines, was a yearling winner, a strong, smooth, straight hog, with well-fleshed back, standing on good feet and legs, and good depth, and the kind, although the judges were the 1st prize boar under six months of the year. Brethour & Saunders' Oak Lodge Conqueror, a creditable 2nd, having a capital back and many other strong points. The 3rd prize also went to the same firm for Oak Lodge President, of similar stamp. Mr. Flatt's entry in this section was not forward, having died from an accident a week or two before the show. Those who have seen him, represent him as having been an uncommonly good one. In boars over six and under twelve months, Summerhill Ruler, bred and shown by Flatt & Son, sired by the champion, Look-Me-Over, and from a Holywell dam, was a worthy 1st, being of excellent type, lengthy, smooth, and of good constitution. Second prize went to the entry of Simmons & Quirie, Ivan, a big, strong, smooth hog, of fine quality, which was sold to R. F. Duck & Son, of Port Credit, to head their herd. The 3rd award went to Summerhill R. G., of the herd of Flatt & Son, a useful sort, imported in dam, and bred by Philo L. Mills from a Hollingworth dam. In the section for boars under six months, a strong 1st was found in the Oak Lodge entry of Brethour & Saunders, a young boar by Conqueror and out of a Daybell dam, a pig of excellent type and quality, which was sold to head the herd at the Central Experimental Farm at Ottawa. Second place was given to Flatt's Summerhill Wonder, a capital youngster, of approved stamp, which was sold to Mr. J. A. Russell, Precious Corners, and 3rd went to Featherston's entry, a lengthy, smooth pig, of capital quality. Sows over two years were a very strong class, and Brethour & Saunders scored 1st with Oak Lodge Mite 6th, a big, smooth, lengthy and deep-sided sow, of fine quality and character. The Flatt herd came in for 2nd and 3rd with two of the Miss Hollingworth sows, of great size, length and depth of sides, and fine breed character. Yearling sows were one of the most interesting classes in the show, there being a number of typical sows, of fine quality, in competition, out of which 1st choice was made of Summerhill Fame, a beautiful sow, of the herd of Flatt & Son, a Miss Hollingworth, of fine quality, breed type and conformation, which was sold to Mr. J. A. Russell, Precious Corners. Second and third awards fell to Brethour & Saunders for Oak Lodge Buttercup 15th and O. L. Cinderella, both by Conqueror, and both big, smooth, deep-sided sows, of fine quality of flesh and bone. Sows under six months were headed by one of Brethour & Saunders' entries, a long, level, smooth pig, with good hard bone, but a bit leggy. The first herd prize for best boar and two sows, as expected, following the awards in the section for aged boars, went to the entry of Brethour & Saunders, and 2nd to that of Messrs. Flatt & Son. The prizes for sow and four of her produce under six months and for boar and four of his get went to the Oak Lodge herd for Conqueror and his progeny, in which sections Flatt & Son did not show.

Excellent entries were shown in this class by E. Dool, Hartington, whose herd is headed by a high-class imported boar, of the most approved type, and who showed typical Yorkshires in several sections, his breeding sows and young boars and sows under six months being exceedingly good in type and finish, and just such as the farmers need to produce the class of bacon pigs that is wanted. R. F. Duck, Port Credit, also showed very creditable young stock in this class. The awards in the class were made by Prof. G. E. Day, Guelph, and Wm. Jones, Mt. Elgin.

BERKSHIRES.

While the entries in the Berkshire class were not as numerous as in some former years, the quality was well up to the standard and most of the entries of approved type. The herds of George Green, Fairview, and Snell & Lyons, Snelgrove, were both strong in boars of the right stamp, and the competition was close, though by the grace of the judges the Fairview herd scored first in each section. Green's 1st-prize aged boar, Major, a strong, straight hog, standing well on good timber, is rich in the blood of the great Baron Lee 4th, his dam being by that sire, and he looks it in his general appearance. Snell & Lyons' 2nd-prize boar, Court Master, by the Gentry-bred Hiawatha, has great length and a well-fleshed back, and showed well, being in fine fix. In yearling boars, Green's Golden King 1st was the winner, and is straight, smooth and active, standing on good feet and legs. Sir Arthur, from the same herd, the 1st-prize boar under a year, has good spring of ribs, and is a strong, straight pig of good form and quality; and his 2nd-prize boar in the same section, Baron Duke, a grandson of imported Shapely, a good paying sort, while younger, is lengthy and of excellent type. The Fairview pig which got into first place as under 6 months is lengthy, smooth, and of good quality, as also is the Snelgrove pig, Plumper (son of the fine sow, Morning Mist), which came in for second prize. He has not only much merit for the present, but gives promise of future usefulness as a show hog and sire, and he goes into good hands, having been sold to Shannon Bros., Cloverdale, B. C. In the aged sow section, T. A. Cox, Brantford, was strong, winning first honors with Fashion, a fine sow of Mr. Teasdale's breeding, having good length, a strong, well-fleshed back, smooth shoulders and deep sides. The Snelgrove sow, Morning Mist, which came into second place, is also of similar type, and one of the most useful breeding sows seen in recent years. Cox led in yearling sows with a worthy daughter of Fashion, and had her 2nd-prize sow, Exhibition Beauty, who was sold to her owner under a year in 1899, and the winner of the sweepstakes at the Provincial Win-

ter Fair at London last year and at Winnipeg this summer. In sows under 12 months, Snell & Lyons scored 1st with Lady Shields, in the keenest competition in the class. She is the true type, long, strong, straight and smooth. Cox had a good 2nd in a full sister to his 1st-prize yearling sow. Sows under 6 months were led by Green's entry, with a grand back and of good type generally, the Snelgrove pens furnishing the 2nd-prize winner in one of fine form and quality and of similar type. The 1st herd prize for boar and two sows was sent to Cox for his 3rd-prize aged boar, Norly B Duke, and his two 1st-prize sows in the aged and yearling sections. Green was placed second in this competition with his 1st-prize yearling boar and Highclere Maid and Golden Duchess. For the best boar and four of his get, the 1st award went to Green for Golden King 1st and his progeny, and the second to Snell & Lyons' Gallant Prince and four of his pigs under 6 months. For the best sow and four of her produce under six months, Cox won 1st, and Snell & Lyons 2nd. The judges were R. Vance, Ida, and G. B. Hood, Guelph.

TAMWORTHS.

The entries in this class were fewer than in the last two years, owing to the absence of the two prominent herds of A. C. Hallman, New Dundee, who, owing to absence from home, attending the Manitoba exhibitions as a judge, decided not to exhibit this year, and of N. M. Blain, who, on account of the death of his father and the extra cares of the estate, decided to drop out for a year. The display in the class, however, was a very select and creditable one, the quality of the entries being well up to a high-class standard. The herds represented were those of John C. Nichol, Hubrey; John Hord & Son, Parkhill; Andrew Elliott & Son, Galt; Colwell Bros., Newcastle; J. R. Newell & Son, Crampton; and W. M. Smith, Fairfield Plains. Prof. G. E. Day and Wm. Jones were the judges. Mr. Nichol was successful, as usual, in winning a large share of the honors, capturing seven out of eleven 1st prizes, including the 1st herd prize for boar and two sows, and those for a boar and four of his get, and sow and four of her produce. His 1st-prize aged boar, Rufus, is a hog of great substance and constitution, with a well-fleshed back and without coarseness. His 3rd-prize aged boar, Chatham Hero, is the sire of the 1st-, 2nd- and 3rd-prize sows and the 2nd- and 3rd-prize boars under 6 months. He had also the 1st-prize yearling boar under 12 months, 1st- and 2nd-prize sows over 2 years, and the whole three prizes for sows under 6 months—quite enough honors for one man at one show.

Hord & Son had in their grand boar, Defiant, a capital 2nd in the section for boars over two years. He has length, depth and quality of flesh in high degree. He was second as a yearling here last year, and has gone on well. This firm had the 1st-prize boar under 6 months, a fine, lengthy pig, with a good back and excellent quality of flesh. The 2nd prize for a sow and four of her produce also fell to Hord & Son for their 3rd-prize aged sow, O.A.C. 110, and her offspring.

Elliott & Son were successful in winning 2nd prizes in two important sections, namely, for boar under a year, with Sahib, a lengthy, smooth hog; and for sow under a year, with one of excellent type and quality.

Colwell Bros. made a very creditable display of well-fitted pigs of approved type and full of quality, winning 1st honors for yearling boar with a right good one which was 1st here as under 6 months last year. He also won 1st for sow under a year, and 2nd for yearling sow, 2nd for herd of a boar and two sows, and 2nd for boar and four of his get.

Newell & Son showed thirteen head of useful pigs, and succeeded in winning third prize for yearling sow and boar under a year.

W. M. Smith had an excellent yearling sow that won 1st prize in that section in very strong competition. She was 2nd in the section for under a year here last year, and 1st this year at Winnipeg and Brandon.

POLAND CHINAS.

This breed was mainly represented by selections from the herd of W. M. & J. C. Smith, Fairfield Plains, who bought out two other show herds and made a good display, most of their entries being lengthy, smooth, and well brought out. The firm were awarded all the 1st prizes they showed for throughout the class, except that for yearling boar, which went to E. Malcolm, Scotland, who had five entries, and won 3rd prize for 2-year-old sow and for yearling sow.

CHESTER WHITES.

H. George & Sons and H. E. George, Crampton, and W. E. Wright, Glanworth, were the exhibitors in this class. For quality, the display was very creditable, and the Georges won all the 1st prizes but one, and all the 2nds but one, with lengthy, smooth, well-fleshed hogs, standing well on their legs and well brought out. Mr. Wright won 1st for sow under a year with a real good one, and 2nd for boar under 12 months. Messrs. Hood and Vance were the judges.

DURCO-JERSEYS.

were shown by W. N. Tape, Bentpath; Tape Bros., Ridgeway; and W. M. Smith, Fairfield Plains, who each showed lengthy, well-fleshed hogs, the breed having steadily improved in their hands in approaching more nearly to the approved bacon type, as a result of judicious selection of the fittest and breeding for a purpose. The prizes all went to

the Tape entries, except the 3rd for yearling sow and for sow under a year, which were awarded to Smith.

OTHER DISTINCT BREEDS.

In this class Jos. Featherston, Streetsville, showed Essex in all sections except that for boar under twelve months, which was a Suffolk. T. McClure, Meadowvale, showed Essex, and J. Hord & Son, Parkhill, Suffolks. Hord & Son won 1st for yearling sow, 2nd for sow under a year, 2nd for herd of a boar and two sows, and 3rd for sow under six months. Featherston won 1st prizes in five sections out of the seven, and McClure one 1st and one 2nd.

EXPORT BACON HOGS.

Very great interest was taken in the competition for the prizes offered in two sections for the best pen of four pure-bred hogs and for the best four hogs of any breed, cross or grade most suitable for export bacon. There were entries by ten exhibitors of Yorkshires and Tamworths, and the judges were representatives of the Toronto and Brantford pork-packing establishments. The 1st award in both sections was given to the entry of pure-bred Yorkshires, bred, owned and shown by D. C. Flatt & Son, Millgrove, for a model pen of baconers, showing good length of body, smooth, well-fleshed backs and well-filled hams, together with ideal breed character. Second prize went to Brethour & Saunders, Burford, for a capital pen of pure-bred Yorkshires of their own breeding, measuring well up to the standard. Third prize went to R. F. Duck, Port Credit, for a pen of pure-bred Yorkshires of excellent type, of his own breeding; fourth to Colwill Bros., Newcastle, for a typical pen of pure bred Tamworths, bred by themselves, and conforming well to the bacon type. Fifth award fell to a good pen of pure-bred Yorkshires shown by Jos. Featherston & Son. These same pens being entered in both sections, the prizes went in both to the same pens, in the same order.

BUTTERMILKING CONTESTS.

During the forenoons and afternoons of Monday, Tuesday, Wednesday and Thursday of the second week, the busy buttermilk makers provided an interesting exhibition for large and interested numbers of spectators. In the professional class, which included graduates of the dairy school and operators of creameries, there were six contestants, five of whom were Guelph graduates. This class did four churnings on Monday and Tuesday. There were five non-professionals; four ladies and one gentleman started, but one lady dropped out at the end of the first churning. The contest was superintended by Miss Shuttleworth, of the Massey Dairy Farm. Professors Dean, of Guelph, and Hart, of Kingston Dairy Schools, judged the professionals; and Prof. Hart and Miss Laura Rose, Guelph Dairy School, the non-professionals. The cream, which was of prime quality, was brought in from a creamery, and ripened with a lactic acid ferment. The same quantity—about 40 pounds—was given each contestant, at a temperature of about 52 degrees Fahr. They were advised when to commence, so that all were given an equal chance. At the word "go," the makers scalded their churns, then cooled them with ice water and turned the cream through the strainer into No. 3 revolving "Leader" barrel churns. Before commencing to churn, the temperature was taken, and away they went. Several times in the first few minutes the plug was removed to allow the escape of gas, and at the end of about half an hour the butter had formed in nice firm granules. The buttermilk was then allowed to drain out through dipper strainers, and while this was taking place the operators were busy preparing wash water, scalding the worker, ladles, etc., and putting them in order. When the buttermilk was well drained off, a pail and a half of cold water was turned into each churn to wash and harden the granules. The churns were given a number of rapid turns either way. While the wash water was draining off through the strainers, the workers, etc., were rinsed with ice water and sprinkled with salt. The butter, when well drained, was lifted into scalded and cooled tubs and weighed. It was then turned into the worker, spread, and the salt sifted on in two applications, with some working between. The makers were allowed to use their own discretion in the quantity of salt to use. The butter was worked till the salt was well mixed in, and a uniform color maintained. It was then put up in pound blocks wrapped in parchment paper. Each sheet was dipped into ice water immediately before applying it to the butter. When all the butter was wrapped it was placed into a refrigerator. The operators then had their churns, workers, ladles, dippers, etc., to scrub, scald, and leave in readiness for the next churning. We noticed the brush was liberally used in washing the utensils. The forenoon churning of Thursday occupied just one hour and fifteen minutes, and all finished together.

The following were the competitors, with their standing and scores:

Professional.	Score of butter.	Total score out of possible 800.
1. Robt. Ireland, Becheville	81.2	734.4
2. Miss H. McAllister	80.2	732.4
3. Robt. Ferguson, Chesley	80.7	731.4
4. J. Malcolm, Sheffield	80.5	730.4
5. Wm. Elliott, Galt	81	730.4
6. A. McLain, Nelson	87	618.0
Non-professional.		
1. Miss E. Berry, Elmwood, Ont.	96	751
2. Miss Hunter, Rockton	93	747
3. Chas. E. Rogers, Dorchester Station	89	745
4. Miss Stewart, Hamstead	85	739

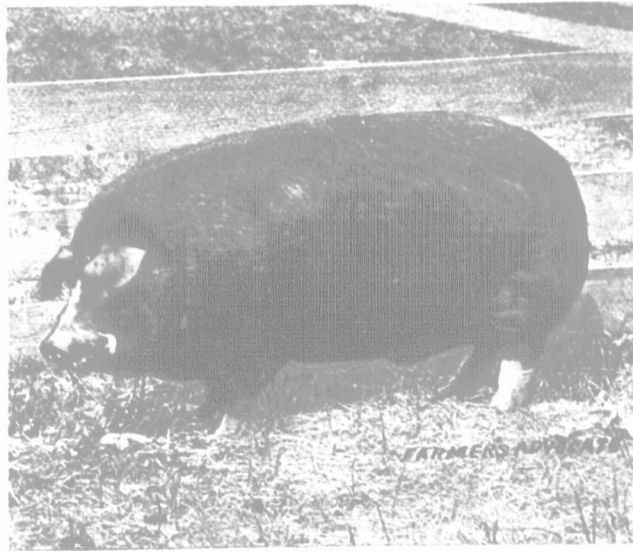
[NOTE.—Miss Berry took 3rd place in last year's competition, so that her pluck and persistence in trying it again are to

be commended. Miss Stewart is a sister of the first-prize winner in last year's contest. Prize buttermaking apparently runs in the family.]

The following is the scale of points for buttermaking contest:—

Name	Address	1st trial.	2nd trial.	3rd trial.	4th trial.	Total Average.
Perfection		5				
Preparation of utensils		5				
Straining and coloring of cream		5				
Granular butter		5				
Washing and salting		5				
Working butter		5				
Neatness and cleanliness (person and work)		20				
Quality of butter		25				
Cleaning utensils		5				
Exhaustiveness of churning		5				
Time					20	
Total						100

The two judges scored each competitor separately and privately, and when finished, added their scores together. It will be noticed that the winners of the best prizes did not make the best butters; this is particularly noticeable in the professional class, as the highest scoring butter was made by the lowest scoring performer. The butter by the home dairy class also scored higher than that made by the professionals. This is accounted for by the refrigeration of the cream being better on the second and third days of the contests.



MANITOBA CHIEF 1221.
Sweepstakes Poland-China boar at Winnipeg and Brandon Fairs, 1900.
OWNED BY W. L. TRANN, CRYSTAL CITY, MANITOBA.

QUESTIONS AND ANSWERS.

Veterinary.

GROWTH IN COW'S THROAT.

SUBSCRIBER, Churchbridge, Assa.: "We have a cow with a growth in her throat close to the jaw bone. Has great difficulty in breathing, and you can hear her cough a long way off. Please state cause and treatment."

[Your description of the case is not sufficient to warrant giving a decided opinion as to the real nature of the ailment. If you had mentioned whether the growth was of slow or rapid formation, or if it feels hard or soft on pressure, it would have materially assisted in forming a correct diagnosis. The growth may be actinomycosis ("lump jaw"), or it may be a tumor of a very different nature. If it is hard and almost or altogether immovable, and attached to the jaw bone, it is probably actinomycosis. In such a case, the proper treatment would be the administration of one dram of iodide of potash morning and evening for two weeks, leaving off treatment for one week, and repeating if necessary. "Fleming's Lump Jaw Cure" might also be tried with advantage. If the tumor is soft and immovable, it is likely that a surgical operation would be necessary.]

ECZEMA.

SUBSCRIBER, Neepawa, Man.: "I have a mare, 6 years old, that has been troubled with itchiness in her skin for over a year. It appears to be worse on her head, shoulders and rump, but to a certain extent is all over her body. She rubs and scratches until the hair is off and sometimes the skin, but the hair grows on very thickly again. There are no pimples

to speak of. I showed her to a V. S. when I first noticed it, and he gave me a bottle of stuff to rub on, but it did her no good. Last fall I gave her a spoonful of sulphur in her grain every night for a month, which seemed to do her a lot of good, but did not remove the itchiness entirely. After seeding this year, I let her run on the grass for about a month, in the hopes that this would fix her up all right, but on taking her in to work again, found her as bad as ever. Some people have told me it was mange, but she has stood in stall with the other horses and none of them are affected by it. Besides, I have washed her well with tobacco, but it has done her no good. She looks well, eats well, and works well, and at present is very fat, but is continually scratching, especially at nights. Have never seen any pinworm in her manure, but once or twice have seen those long, round worms. She is a good feeder, and always in good heart. Will weigh 1,400 or over. Could you tell me what is the matter with her and how to cure it?"

[Your mare is evidently affected with a form of eczema, called *eczema simplex*. It differs from mange in not being contagious, nor being caused by a parasite. This form of eczema is sometimes very troublesome and difficult to treat. Prepare the animal for physic by feeding exclusively on a bran-mash diet for at least sixteen hours, and then give: Barbadoes aloes, 1 ounce; calomel, 1 dram; powdered ginger, 2 drams; treacle or soft soap, sufficient to form a ball. Continue the bran-mash rations until the purgative has ceased to operate. After this, give, morning and evening for two weeks, in food or water, two tablespoonfuls of Fowler's solution of arsenic. Wash the itchy parts, or, if necessary, the whole surface of the mare's body and limbs with the following: To each pailful of warm soft water, add 4 ounces of English soft soap and 3 ounces of strong ammonia. After washing well, dry off thoroughly with coarse sacking, and then apply by smart friction with the hands, creolin, 1 ounce; formalin, 1/2 ounce; fluid extract of belladonna, 4 ounces; water, 2 quarts; mix. Repeat the application of the lotion every alternate day for three times. The treatment should be applied before the weather gets cold.]

THROAT TROUBLE IN MARE.

J. W. S., Peterboro Co., Ont.: "Mare, thirteen years old, has been running on pasture with her first colt, which is two and a half months old. About two weeks ago mare was noticed to be failing, and, on examination, I found that her head was badly swollen on outside of cheeks from bottom or lower grinders up to eyes. I had her teeth filed for the trouble, but to no effect. She has not eaten anything for a week but oatmeal in water, as she cannot swallow anything else and can take only a few swallows at a time. We have blistered lumps, but don't think it is helping her. The cheeks seem as though they were going to break on the outside."

[Your mare has either strangles or laryngitis, either of which causes difficulty in swallowing and often swellings such as you describe. Keep hot poultices to the swollen jaws and throat; do not allow the poultices to become cool. Steam the nostrils by holding her head over a pot of boiling water to which has been added 1 dr. carbolic acid. Keep stirring the water with a whisk of hay, which encourages the escape of steam. Give her anything she will eat (soft food preferable); feed and water from high manger, so that she will not need to put her head down. Place a little, say 1/2 dr., solid extract belladonna between the molars four or five times daily; do not attempt to drench her with medicines. If she will not or cannot eat, give milk with eggs beaten into it to drink. If abscesses form, they must be opened, and the wound and cavity treated with carbolic acid, 1 part; water, 60 parts. If the breathing becomes very labored, an operation by a veterinarian will be necessary. J. H. REED, V. S.]

Miscellaneous.

PLOWING IN SEED WHEAT.

A. B., Marquette: "I understand that some of the Experimental Farms recommend sowing wheat seed on the stubble and plowing it in three inches deep in preference to sowing with the drill. Do you recommend this for the Red River valley? Our soil is a free alluvial loam."

[While the plan suggested can be recommended for some of the light soils of western Manitoba and eastern Assiniboia, especially where difficulty is experienced from drifting winds, I do not recommend it for your district, especially in a wet, backward season. The seed is often deposited very unevenly by this process, and the drills are too wide apart for the best results. I am also afraid that such light plowing would not suit the rank growth of sunflowers and other vegetation so prevalent in your district. You might, however, try an acre or two, but I would not recommend any large area to be treated in this manner. S. A. BEDFORD, Supt. Exp. Farm, Brandon.]

WANTS TO SEE HOARD'S STALLS.

R. A. PESHALL, Elgin Co., Ont.: "Could you inform me where I can find a barn fitted up with the 'Hoard stall.' Would prefer to see one as near to St. Thomas as you may know of one. Kindly advise us by return mail and oblige."

[Readers who have stables fitted with Hoard's stalls will confer a favor on fellow-farmers by informing us of their post-office address, township and number of their lot.]

THE QUIET HOUR.

Before It Is Too Late.

If you've a gray-haired mother In the old home far away...

If you've a tender message Or a loving word to say...

We live but in the present. The future is unknown; To-morrow is a mystery...

The tender word unspoken. The letters never sent. The long forgotten messages...

Pass It On!

Did you ever consider that stagnation and death are very much the same thing? The law of life is that nothing belongs to one person alone...

You have been taught to play or sing. Pass it on! Let other lives be brightened and helped by your accomplishments...

Emerson has said: "We cannot render benefits to those from whom we receive them, or only seldom. But the benefit we receive must be rendered again..."

I was once wheeling with a friend along a country road, and we sat down under a tree to rest. A little girl was swinging in a garden near by...

One thing in particular we are bound to pass on, that is forgiveness. We are told to forgive one another...

If forgiveness is taken back when we refuse to pass it on, may it not be so with other gifts of God? If we persist in hoarding up our treasures where moth and rust doth corrupt...

There is one way in which we may pass on blessings, a way open to rich and poor, to those who are strong and active...

"Say not, all useful work thou art denied. Behold! Christ's censer waiteth at thy side. He in compassion lets it down to thee..."

HOPE.



"After Many Days."

It is a long time since we had a picture of our very own, and I am sure you will like this one. Did you ever fish patiently for "many days" without any success...



"AFTER MANY DAYS."

so, you can sympathize with the happy little chap on the rocks, who is holding on to his treasure with a determination not to let it slip.

Probably you have been fishing pretty often during the summer holidays, and have caught many a fine trout or bass.

Look Out for Heroes.

I shall not be able to announce the names of prizewinners until next issue, as time must be given for letters from a distance to come in...

If you have not already enlisted, and wish to do so, send me your name and address, with a promise to try and keep the two rules of the Regiment.

If you want a ribbon badge to remind you of these promises, send two one-cent stamps for it. I am sorry to hear from Jemie Matchet that his badge went astray.

badge, Jemie, and also returning the second lot of stamps you sent. It certainly would not be fair to make you pay twice over.

A few weeks ago a boy, thirteen years of age, got the fingers of his right hand broken and torn in a binder. He did not take chloroform...

If you have not yet enlisted in the Lookout Regiment, you had better hurry up and join, for we are going to have plenty more prize competitions.

The Boy's Dream.

Once a sweet boy sat and swung on a limb; On the ground stood a sparrow-bird looking at him.

Then the little boy's mother flew over the trees—"Tell me, where is my little boy, sparrow-bird, please?"

You imagine, no doubt, that the tale I have mixed. But it wasn't by me that the story was fixed.

Saved By a Poodle.

Of all dogs, thoroughbred or mongrel, a shaggy poodle would seem to be about the poorest kind of dog for defence. Yet a missionary, whose experience has been among the savages and cannibals of Africa...

One of her exploits consisted in putting to flight a band of hostile natives. The missionary was travelling some distance in advance of his caravan...

Calling Sally to him, the missionary whispered in her ear something about "going for them." Then was witnessed the scene of a small, shaggy dog with a very big bark, tail in the air...

"It was a great sight," says the traveller, "worth going to Africa for, to see those warlike men running for their lives, with little Sally at their heels, barking as if she knew, brave little dog, that she was making a big bluff..."

Recipes.

HOW TO BLANCH ALMONDS.

Shell the nuts and pour boiling water upon them. Let them stand in the water until the skin may be removed, then throw them into cold water...

FRENCH TOMATO PICKLE.

One peck of green tomatoes, six onions, sliced. Sprinkle with a teacup of salt; let stand all night, then drain well and scald in weak vinegar for twenty minutes...

LEMON CHEESE-CAKES (THAT WILL KEEP FOR SEVERAL WEEKS).

To a quarter of a pound of butter put a pound of white sugar, 6 eggs (leaving out 2 whites), the rinds of 3 lemons grated and the juice of 3.

BAKED CHICKEN PUDDING.

Cut up a pair of young chickens, and season them with pepper and salt and a little mace and nutmeg. Put them into a pot with two large spoonfuls of butter and water enough to cover them.

The Value of Borax.

Borax is an excellent washing powder. The women of Belgium and Holland are noted for their snowy linen, and they ascribe this desired result to the use of borax—a handful to ten gallons of water. Borax, being a neutral salt, does not injure the most delicate fabric. Water in which borax has been dissolved is excellent to wash all kinds of lace, also all sorts of woollen goods, flannel, cashmere, and blankets. If red tablecloths are washed with borax instead of soap, they will not fade. Starch which is made by using a teaspoonful of borax and two tablespoonfuls of starch adds an extra gloss to the clothing. Rinsing children's garments in borax water is said to make them fireproof—that is, if the clothing catches fire, it will only smolder. A little borax put in the water with which windows are washed will help to clean them more easily. It is also good for oilcloths. If moths infest the furniture, they can be removed by dusting the crevices with powdered borax. Borax sprinkled on clothing and furs which are kept air-tight is a preventive of moths. Silver is easily cleaned by immersing in strong borax water for several hours. The water should be boiling when the silver is put in. Borax is also useful for toilet purposes. Washing out the mouth with it makes the breath purer and sweeter. It cleanses the hair, but only a very little should be used, as it makes the scalp dry. The hair should also be thoroughly rinsed afterwards in clean water. Borax curd soap is very convenient in the household. It is made as follows: Dissolve three ounces of borax in two quarts of warm water, add to this two pounds of best yellow soap, sliced fine; stir all together in a jar, and set in a warm place until all is melted, stirring occasionally. When it is cool it will form a jelly: one tablespoonful will make a strong lather in a gallon of water.

The Cure of Consumption.

LECTURE BY A DUNDEE DOCTOR.

Dr. Beattie Bain delivered a lecture in Dundee recently, on "Consumption: Its Nature, Prevention, and Cure; with Special Reference to Home Management." The Doctor began by saying that consumption was in the air at present. It was in many people's mouths and buzzing in their ears. He emphasized the fact that the highest mortality occurred among poor workers in dirty, overcrowded districts in large manufacturing towns. One out of every four of these died of consumption. Sanitation in its different forms had in thirty years reduced the mortality to one third of what it was. Coming to the fresh knowledge gained from Koch's discovery of the origin of the disease in the bacillus, he stated the four important facts about the disease which had now been quite clearly established. Taking them in their order, he first noted that although it did look very like as if the disease was hereditary, it was not so, though as a matter of fact it did "run in families." This was not because the children were born with the disease, but because their tissues were of lower vitality, which made them more liable to disease, and that they were singularly and for prolonged periods exposed to the specific infection. As to infection, this was the root of the matter. Once get to the cause and be able to control it was more than half the battle. He described the bacillus and its evil ways, showing an enlarged drawing of the microscopic appearance of sputum. He likewise showed a culture of bacilli in a glass tube. The fact that the bacilli escaped from the body only by one channel—viz., the sputum—made it much easier to control the disease, and made it perfectly safe for people to be closely associated with a consumptive if proper precautions were taken. He referred to the virulence of the sputum teeming with bacilli, and their dissemination as dust into the air and walls and clothes and furniture of a room. Fresh air and sunlight were not beloved by the bacilli, for they die in them. The great object was to get rid of the bacilli, and to foster in every way as high a standard of personal health as possible. He divided this into three parts. Personal and individual precautions should be taken. As regards both patient and attendants, and most scrupulous attention to cleanliness must be given, and he gave in detail the necessary points, the chief being the absolute control and destruction of the sputum. Then the precautions as to surroundings, rooms, furniture, open windows, and dusting with a damp cloth, were minutely insisted upon. As to the cure of consumption, there was no direct one as yet, but open air, sunlight, rest, modified exercise, and proper feeding promised the best results. This treatment was more than 2,000 years old, for it was recommended by Hippocrates. But now we had better methods of carrying it out, and more precise and fuller knowledge. At present between 50 and 40 per cent. of apparent absolute recoveries were the average result of sanatoria, while between 50 and 60 per cent. were very much improved. A short description of sanatoria treatment was given. He said that in many houses of the poor it was absolutely hopeless to expect recovery. Therefore sanatoria were a necessity. Treatment should be begun as soon as possible. Sanitary and medical agencies, combining with philanthropic, social insurance and sick and friendly societies, could find a possible combination of interests in the establishment of sanatoria for the cure of this disease.

The Return of the Troops.

BY MORGAN HAWKES, SOUTH AUSTRALIA.

And will the war be over before the wattle blooms,
And the bush is all agleam with shimmering gold?
Will the boys be here to see it and to pluck the scented plumes
And hang them at their saddles stained and old?

Oh, will they soon come home again
And will they soon be back
In Australia, loved Australia,
Riding up the dusty track;
With the station dogs all barking,
And the stockwhips all crack,
And the station hands all cheering—
Oh, will they soon be back?

And will the war be over before the dusky Sounds
Wake up to greet the springtime with the sunlight on the snow?

Will the boys be here to see it on the old familiar rounds,
Shifting out the sheep and cattle on the hillsides all aglow?

Oh, will they soon come home again,
And will they soon return
To Maoriland, lone Maoriland,
Mid the kauri pine and fern?
And the men will leave the woolpress,
And the girls will leave the churn,
To give the troops a greeting—
Oh, will they soon return?

And will the war be over before the waratah
Flames out in crimson splendor far above the Huon wide?
Will the boys be here to see it, while the splitters shout Hurrah!
And the bluegums toss a welcome on the mighty mountain's side?

Oh, will they soon come home again—
Or must we wait awhile—
To Tasmania, proud Tasmania,
The little garden isle?
And amidst the apple orchards
The rosy maids will smile,
"Well done, our gallant 'Tassies,"
Oh, must we wait awhile?

And will the war be over before the prairies wave
With summer flowers and grasses and rustling golden grain;
Will the boys be here to see it, Jack, and Jean, and Pat, and Dave,
Speeding westward to the ranches far away across the plain?

Oh, will they soon come home again,
And will they soon be due
In Canada, laughing Canada,
With her skies so clear and blue?
And bay and lake and river
Will join in welcome true,
To the smart Canucks, the heroes—
Oh, will they soon be due?

And will the war be over before the harvest sheaves
Tower high a topping load above the broad and heavy tires;
Will the boys be here to see it, and the beech's autumn leaves,
And the covert side and cub hunt in the meadows of the shires?

Oh, will they soon come home again,
And will they soon step down
In England, mother England,
And dear old London Town?
Hurry up a hundred transports,
For the fighting men in brown;
There'll be throbbing hearts and hand grips,
When they lower the gangways down!

One very warm day a master builder noticed one of his laborers named Pat working with his coat well buttoned on him. He went up and asked what was the matter that he had on his coat. "Shure an' bedad," replied Pat, "it's to hide the shirt I haven't got on."

The Health of School Children.

The health of school children is paramount to every other consideration. When children, particularly girls, between the ages of ten and seventeen, exhibit evidences of nervous disorder, such as twitching of the face and hands or extreme irritability, it is a sure sign either that the school work is too severe or that they are not living under proper hygienic conditions, or both.

In the majority of cases, to conquer the difficulties of arithmetic or grammar or the intricacies of a new language is harder work for the child than are for the business or professional man his everyday vocations. Hence children need constant care, sympathy and encouragement.

Children should spend not less than two hours a day in the open air, and, if possible, should engage in games requiring both skill and activity. They should spend in sleep not less than nine, and, if possible, ten hours out of every twenty-four.

The following practices should be prohibited, as injurious to health: Study before partaking of food in the morning; study immediately after the close of school, before the mind and body have been rested by play or other suitable change of occupation; study immediately after eating a hearty meal.

The children should have fixed hours for study. When parents find that their children, after conscientious effort, cannot accomplish the work assigned by the teacher in the time specified in the rule, they should at once communicate the fact to the principal of the school and ask diminution of the tasks assigned.

Parents should never urge children to make extra efforts to obtain promotion, nor show annoyance if they fail to obtain promotion. What children need for intellectual and moral progress is systematic work. If for any good reason the child is not promoted or graduated at the end of the term, he should not be reprimanded, but encouraged to try again. Nor should parents by finding fault with the teacher weaken her influence for good.

Cigarette-smoking by growing boys is dangerous alike to the physical, the intellectual, and the moral

well-being. Parents cannot be too vigilant in preventing their sons from using tobacco in any form, and particularly in that of the cigarette.

Puzzles.

1—METAGRAM.

(Change initials.)

With a love for the sea and a little spare ONE and a little vacation in June,
Why, how could they be spent with more pleasure, I thought,
than upon an old-fashioned maroon?
So my small tent was pitched where the two of the sea filled
my ears on a shady sand-bank,
And a small native chef, black as ink, cooked my fish—and
caught most of them, too, to be frank!

"Now the world may rush on as it will," I exclaimed; "I'll not
THREE me, but sleep all the sounder."
And I cut a large FOUR in a loaf of corn bread, and began on
another crisp flounder.
Well, Jack was not so skillful a cook, but his fare was a change
from my boarding-house FIVE.
And if appetite needed a SIX, why, variety was not so hard to
contrive.
With a dollar or two to invest, Jack would visit the small farms
nearby on a raid
For potatoes or pumpkins or peaches, perhaps, or a basket of
eggs newly laid.
He could SEVEN potatoes deliciously; still in this menu a fault
I desisted.
Though I ordered those nice fresh eggs poached, they were
always served up to me fried!

Well, the swift march of time brings the end of our ONE and
the end of the sunniest JUNE.
I am back in the old town again hard at work; but the spell of
those golden sand dunes
Of the feathering waves that burst high on the shore, as the
Scottishman would say, with soft "NINES."
Of the shrill-tongued young gulls of the TEN orioles that built
high in the blue buliaze vines
Still is with me and of through my office ELEVEN, I can fancy
I view the broad sea,
And the roar of the busy streets seems in my dream like the
TWELVE of the ocean to me;
But whenever I think of that young rascal, Jack, or the sub-
ject of fresh eggs is broached,
A suspicion I had into certainty grows—that these fried eggs
he gave me were poached!
F. L. S.

2—RIDDLE.

He took his spelling-book in hand,
But not to learn his lesson;
"This word," he said, "was surely planned
For puzzle folk to guess on;
Divide it, and it will appear
To any prince or peasant
That, though both syllables are here,
Only a part are present.

Now fix the fragments in their place
With bonds too strong to sever;
All thought of union or embrace
Is farther off than ever.
In spite of logic or of art,
In spite of why or whether,
You only keep this word apart
By holding it together."
F. L. S.

3—SQUARE.

(1) Kingly, (2) a banished person, (3) bestowed, (4) quick, (5)
pertaining to a season of fast.
F. L. S.

4—BEHEADING.

My whole is a thing
With a terrible sting;
But cut off my head,
And still more you'll me dread.

5—BEHEADMENTS.

My whole is a fruit; behead me, and I am a vegetable
behead me again, and I am an animal.
MAUD KIRKLAND.

Answers to Aug. 20th Puzzles.

1—Splashes, plashes, lashes, ashes, she's he's, e's,
2—Colonel Baden-Powell.

3— s t a m p h e r o n
t i r e e v e r
a r t r e d
m e o r
p u

4—Ring grin.

5— f i n
f i n i s
m i n u t e s 6 Robin.
n i t r e
s e e

SOLVERS TO AUG. 20th PUZZLES.

"Diana," "Sartor," Mrs. Annie Rodd, "Grace," Sila Jackson, "Ike Icicle," "Essex," Lizzie Conner, "Eneri," and J. S. McLean.

ADDITIONAL SOLVERS TO AUG. 6th PUZZLES.

"Sartor," Lizzie Conner, Sila Jackson, "Essex," and "Eneri."

COUSINLY CHAT.

"Edith" and other Hayfield cousins. Your puzzles are not original, consequently I could not use them. Try the contest mentioned in Sept. 5th ADVOCATE; there's a chance for little folks as well as for older ones.

Maud K.—You are very welcome, and I hope you will join the composition contest.

"Essex," Glad to hear from you. That particular sentence was quite correct.

"Sartor," The prize may not be "poems"; that was a mistake of mine. The results for this quarter will soon appear, if all the contributors get their work in early. Are you not going to try the new contest too? The more the merrier, you know.

Cousins all.—I am sending very few puzzles this time, and I wish to have all the answers in strictly on time. Those not in by Oct. 5th will be too late this time.
ADV A.

Chatty Stock Letter from Chicago.

FROM OUR OWN CORRESPONDENT.

Following table shows current and comparative live stock prices:

Table with columns for 'Extreme prices now', 'Two weeks ago', '1899', and '1898'. Rows include Beef cattle (1500 lbs up, 1350 to 1500 lbs, etc.), Hogs (Mixed, Heavy, Light), Sheep (Natives, Western, Yearlings), and Pigs.

A. G. Leonard, W. E. Skinner, and Mortimer Levering, of the International Live Stock Exposition, to be held in Chicago, December 1st to 8th, were very much delighted with their experiences at the great Toronto show.

Prices of fat cattle are not as high as a year ago at this time, but they are high enough to be quite satisfactory to farmers and feeders, who did not pay very extravagant prices for the young cattle.

Reports indicate an over-abundance of ordinary fat cattle to be ready for the market during the next three months.

Cattle are being marketed very liberally, and while the demand is strong it looks as if there would be no famine for awhile. Last week's receipts of cattle were the largest of the year, being nearly 15,000 larger than the corresponding week last year. Thus far this year receipts foot up 1,821,000 head, including 131,300 straight Texans and 70,000 grass Westerns. The grand total, compared with a year ago, increased 124,000,

and compared with two years ago increased 63,700. Receipts of Texas thus far this year increased 16,100, compared with a year ago, and 17,300, compared with two years ago. Westerns increased 28,200, compared with a year ago, and 3,300, compared with two years ago. Other cattle, which includes a liberal proportion of corn-fed Texas and Westerns from Illinois, Iowa, Missouri, Kansas and Nebraska, increased 80,000, compared with a year ago, and 10,600, compared with two years ago. Of the 59,500 received last week, 4,600 were straight Texas and 14,200 grass Westerns.

The hog market is in a very satisfactory condition to owners, and prospects are for higher prices. Ohio men who tried sheep feeding last winter were so well pleased with results that the number of buyers from that State have already increased many fold this season. For that matter, the demand is much increased from all quarters, and it is believed by some that if all the sheep coming to market were feeders they could be sold quickly at current prices. The two encouraging factors are the abundance of grain and the good price of wool.

The supply of marketable sheep in the western range country is excessively large.

Margins on Well Fattened Fowls.

In Boston market the highest prices are for what are called fresh-killed fowls. Some of these come to market alive by carloads, and if they are not in demand by the Hebrews and Chinese they are stored and killed and dressed about as the market needs them. Others are gathered up by parties who go with teams among the farms and villages to buy them up and take them home, where some give feed for days or weeks if they think it needed to fit them for market, and these parties kill and dress their stock according to the demands of the market. The margin between what they pay for live chickens or fowls and that which the consumer pays for his dressed poultry in the market is enough to give a living to the gatherers and to the market-

men, but often the gatherers add to it by putting more flesh on them, or on chickens more particularly, before they kill them. Many people sell poultry not much more than half fattened, though they get but small prices.

A Canadian Breeder in Ireland.

To the Editor FARMER'S ADVOCATE:

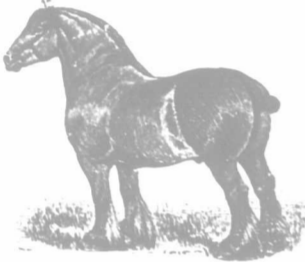
DEAR SIR,—I attended the sale of Shorthorns bred by the late W. T. Talbot Crosbie, Esq., yesterday, at Ardferf Abbey, and purchased fifteen animals, ten of the Ardferf Isabellas, three Aylesby Flowers, and two Duchesses; three of them are bulls. The sale was considered very good for this out-of-the-way place, in the very south-west corner of Ireland, near the Lakes of Killarney, which I have been all through since I came here. I am not surprised at this being called the Emerald Isle. Rural England and Scotland cut no figure beside this country for beauty nor the hospitality of the inhabitants, but there is a great lack of home industries, no manufacturing, and they indulge too much in "the crater." I saw some Massey-Harris binders on the wharf at Dublin that I thought was a great advertisement to Ontario. I expect to sail on the 1st September from Glasgow for Quebec on the "Tritonia" of the Donaldson Line. I am in a great hurry, but I thought I would drop you a line. Yours truly, WM. LINTON.

Tralee, Ireland, Aug. 24, 1900.

P. S.—Mr. John Thornton sold the cattle, and he invariably sells by the sand glass, which I like very much.

J. E. SMITH

Has received from Ontario a shipment of twelve Shorthorn bulls, which are for sale. Also for sale a number of home-bred heifers, sired by Lord Stanley II. — 2220 — and Golden Measure (imp.) (72615) — 2657 —, and the Clydesdale stallion, Prince Charles (imp.). These, being the best that money and experience could buy, are required to maintain the high reputation of the stock of the Beresford and Smithfield Farms. Come and see the stock, or write for what you want, to



For sale, a number of Clydesdale mares and fillies, all registered; will be served by Prince Charles (imp.). All animals for sale, except the stock bulls, Lord Stanley II. — 2220 — and Golden Measure (imp.) (72615) — 2657 —, and the Clydesdale stallion, Prince Charles (imp.). These, being the best that money and experience could buy, are required to maintain the high reputation of the stock of the Beresford and Smithfield Farms. Come and see the stock, or write for what you want, to

J. B. SMITH,

P. O. Box 274. Smithfield Ave., BRANDON.

Clydesdales and Shorthorns.

Young stallions, bulls, and heifers. Herd headed by Best Yet — 14371 — and Mint-horn — 21084 —, bulls bred by Hon. John Dryden and H. Cargill & Son. PRICES ON APPLICATION. D. McBeth, Oak Lake, Manitoba

"PRAIRIE HOME STOCK FARM."

Bulls at head of herd: Judge — 23419 — and Imp. Jubilee — 28858 —



Yorkshire and Berkshire Swine, Clydesdale Stallions and Shropshire Sheep, Shorthorn and Ayrshire Cattle.

THOS. GREENWAY, Proprietor, in JAMES YULE, Manager, Crystal City.

POPLAR GROVE HEREFORDS THE LARGEST HERD IN CANADA. STOCK OF ALL AGES FOR SALE. J. E. MARPLES, DELEAU, MAN.

"WHEN BUYING, WHY NOT GET THE BEST?"



Mikado Cream Separators

EXCEL ALL OTHERS IN EASE OF RUNNING, CLEAN SKIMMING, AND SIMPLICITY OF CONSTRUCTION.

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EARN MORE MONEY BY HOME STUDY FREE SCHOLARSHIPS TO A LIMITED NUMBER IN Electrical, Mechanical, Marine, Stationary or Locomotive ENGINEERING American School of Correspondence, Boston, Mass.

GOSSIP.

SHROPSHIRE FOR CANADA.

The recent shipment of 106 Shropshire sheep by Messrs. Alfred Mansell & Co. to Mr. W. C. Edwards, M. P., per the S. S. Lycia, comprised the following high-class specially selected animals from the following flocks: Twenty beautiful shearing ewes from Messrs. Evans, sired by such celebrated sheep as Montford Monarch (10963), bred by Mr. T. S. Minton, by the 129 gs. Royal winner, Phenomenon (6899), star of the Morning (19145), bred by Mr. A. E. Mansell, by Dream Star (8977) a son of the famous Montford Dreamer; Star of Fame (10114), bred by Messrs. Evans, by Star of the West (8761), by Hold Tight (6111), Messrs. Evans also supplied a high-class ram by Star of the Morning, from a ewe by the renowned Rare Stamp (1561), and sowing as its grand-sire The Doctor (1769), winner first R. A. S. E. Ten grand ewes were from Mr. Harry Williams' noted flock, all of which were sired by the Royal winner, Manchester Guardian (5626), or Sam's Best (9983), bred by Mr. Nevett, by The Thorpe Deemster (8289), a son of the 190

gs. The Deemster. Twenty very choice ewes were from the Yorton flock, the property of the late Mr. W. Nevett, owning as their sires such well-known rams as Corrie Varkie (9118), bred by Mr. Buttler, by the renowned Lord Patriot (1627); Buttler's Jubilee (9378), by Bonaparte (7339); The Thorpe Deemster (8289), by The Deemster (7165); Rare Brand (9199), a son of the famous sire, Rare Stamp (1761), the progenitor of upwards of sixty showyard winners. Then from Mr. T. S. Minton were selected 25 extra good ewes, sired by the 120 gs. Phenomenon, a first-prize Royal winner, by the 175 gs. Montford Dreamer, Montford II (10967), bred by Mr. Minton, by Downton Jubilee (9155), a Royal winner, by Parish Councillor; Montford A (10066), by the same sire, from a Fair Star ewe. It will be remembered that in 1895 thirty-two ewes by Fair Star at the Harrington sale averaged 112 3/8. Mr. Minton also supplied seven good rams bred on the same lines. Fifteen good ewes and eight very smart ram bands were from Mr. T. Davies' carefully bred flock, and were sired by Long Harry (19165), bred by Mr. R. C. Pryce, by the 70 gs. Old Harry (8966); Danegell (8876), bred by Mr. R. Brown, by Old Castle Choice (9162); Ness Schoolboy (9138), bred by Mr. W. Numerley, by Baron Thorpe (5913). Altogether this comprised one of the most valuable collections of Shropshires which has ever been exported, and should put Mr. Edwards in the front rank as a breeder of this popular breed of sheep.

IT PAYS TO ADVERTISE IN THE FARMER'S ADVOCATE

HORSEMEN! THE ONLY GENUINE IS

GOMBAULT'S CAUSTIC BALSAM.

Some genuine without the signature of The Lawrence, Williams & Co. Sole Importers & Proprietors for the U.S. & CANADA. CLEVELAND, O.

The Safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes Bunches or Hemorrhoids from Horses and Cattle. SUPERSEDES ALL CAUTERY or FIRING. Impossible to produce scar or blanch. Every bottle is warranted to give satisfaction. Price \$1.50 per bottle. Sold by Druggists, or sent by Express, charges paid, with full directions for its use. Send for free descriptive circulars. THE LAWRENCE-WILLIAMS CO., Toronto, Ont.

Drill Attachment. Mr. James Steep, of Clinton, Ont., has patented a combination shoe and colter drill attachment for press drills. Last year he had several experiments made of his patent by good farmers in Killarney, Man., and Indian Head, N. W. T. districts, and they pronounce the device a splendid improvement. Mr. Steep called at our office recently on his way through the Province and Territories, to press sales for his patent for the coming season. The Goderich Engine & Bicycle Co., Ltd., are the manufacturers.

Want a Good Watch?

WE have succeeded in procuring from one of the most reliable jewelers in Canada a complete list of Gents' and Ladies' Watches of sufficient variety to suit every one, and have no hesitation in recommending them to our readers as premiums worthy of an effort to secure. These are not by any means the same class of goods as are hawked around fair grounds, but first-class in every particular, and we assure you that you will be pleased with whatever of the above premiums you may obtain. Let us hear from you at an early date with a good list of new subscribers accompanied by the cash, and take your choice.

Gents' Watches.		Ladies' Watches.	
	New Subscribers.		New Subscribers.
No. 1. Yankee Nickel Watch.....	2	No. 15. Gun Metal Swiss Chatelaine.....	4
No. 2. Trump Nickel Watch.....	4	No. 16. Sterling Silver Swiss Chatelaine.....	4
No. 3. Trump Gun Metal Watch....	5	No. 17. Nickel American O. F., large size.....	5
No. 4. No. 14 Silver Watch.....	8	No. 18. Gun Metal American O. F., large size.....	5
No. 5. 7 Jeweled Gent's Elgin in 3 oz. Nickel Case.....	10	No. 19. Nickel, small size.....	9
No. 6. 7 Jeweled Gent's Elgin in Gun Metal Case.....	11	No. 20. Gun Metal, small size.....	10
No. 7. 7 Jeweled Gent's Elgin in Sterling Silver Case.....	14	No. 21. Sterling Silver, small size.....	10
No. 8. 7 Jeweled Gent's Elgin in 20-year Filled Case.....	18	No. 22. 7 Jeweled Elgin in 20-year Filled Hunting Case.....	20
No. 9. 7 Jeweled Gent's Elgin in 25-year Filled Case.....	21	No. 23. 7 Jeweled Elgin in 25-year Filled Hunting Case.....	22
No. 10. 15 Jeweled Gent's Elgin in 3 oz. Nickel Case.....	15	No. 24. 15 Jeweled Elgin in 20-year Filled Hunting Case.....	23
No. 11. 15 Jeweled Gent's Elgin in Gun Metal Case.....	15	No. 25. 15 Jeweled Elgin in 25-year Filled Hunting Case.....	25
No. 12. 15 Jeweled Gent's Elgin in Sterling Silver Case.....	18		
No. 13. 15 Jeweled Gent's Elgin in 20-year Filled Case.....	21		
No. 14. 15 Jeweled Gent's Elgin in 25-year Filled Case.....	25		

Description of Watches.

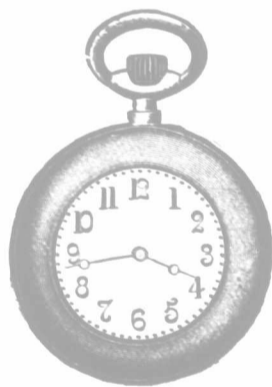
The accompanying cuts fairly well represent all the Ladies' and Gents' Watches, and a description of each as numbered is as follows:

No. 1. American Nickel Key-wind Boy's Watch that is absolutely guaranteed to keep good time and give satisfaction.

No. 2. Gent's Nickel American O. F. Watch; stem wind, and push-in stem and turn to set hands. This is a very strong, reliable Watch.

No. 3. Same as No. 2, excepting that it has Gun Metal case instead of Nickel case.

No. 4. Is a smaller-sized Gent's Watch, has sterling silver case, O. F. Screw Back and Bezel; stem wind, and push-in stem and turn to set hands. This is the lowest-priced and most reliable Boy's or small Gent's Silver Watch that is on the market.



No. 5. Is fitted with 7-Jeweled Nickel, first-quality Elgin movement. The case is a 3-oz. O. F. Nickel case; stem wind and set; screw back and bezel case.

No. 6. Same movement in Gun Metal or Black Steel screw back and bezel case.

No. 7. Same movement with Sterling Silver O. F. screw back and bezel case.

No. 8. Same movement in 20-year guaranteed Gold Filled O. F. screw back and bezel case.

No. 9. Same movement in 25-year guaranteed Gold Filled O. F. screw back and bezel case.

Nos. 10, 11, 12, 13 and 14 are fitted in the same style of cases as Nos. 5, 6, 7, 8 and 9; the difference is in the movement, and the movement is 15-Jeweled Nickel, first-quality Elgin movement.

No. 15. Is a small-sized Swiss O. F. Gun Metal Chatelaine Watch.

No. 16. Is the same, only with Sterling Silver case, which can be had nicely engraved.

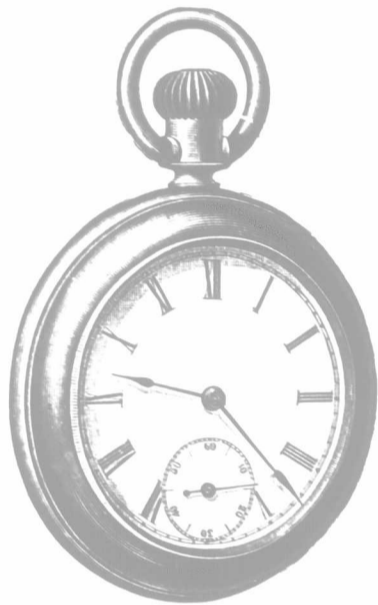
Nos. 17 and 18 are a good-quality American Watch, O. F. stem wind, and push-in stem and turn to set hands. These are a little larger than the usual Ladies' Watches, and are smaller than the usual Boys' Watches, though can be used for either Boys, Girls or Young Ladies.

Nos. 19, 20 and 21 are small sized; in fact, are the exact size of cut. These are American Watches, O. F. stem wind, and push-in stem and turn to set hands, and are first-class timekeepers. Will give perfect satisfaction.

If a nice leather wrist case is desired with these watches, send two extra subscribers.

Nos. 22, 23, 24 and 25 are similar to the accompanying cuts. These are regular Ladies' Hunting Watches. Nos. 22 and 24 are 20-year guaranteed Gold Filled cases, and can be had in plain cases, or the same appearance as the accompanying cut. Nos. 23 and 25 are fitted in 25-year guaranteed Gold Filled cases, and Nos. 22 and 24 are fitted with 7-Jeweled Nickel, first-quality Elgin movement. Nos. 23 and 25 are fitted with 15-Jeweled Nickel, first-quality Elgin movement.

When ordering, please be sure to mention the number of the watch, whether Ladies' or Gents'.



Our Farmer's Library

A RECENT bulletin prepared by Prof. J. B. Reynolds, of the Ontario Agricultural College, gives a list of meritorious books on Agriculture, Live Stock, Dairying, and Fruit Growing, from which we have made a selection and added a few others. How to obtain, see below:

SOIL AND CROP.

- THE FERTILITY OF THE LAND.—Roberts. 372 pages. \$1.25.
- A BOOK ON SILAGE.—Woll. 185 pages. \$1.00.
- SOILS AND CROPS.—Morrow & Hunt. \$1.00.
- FORAGE CROPS.—Thos. Shaw. \$1.00.
- SOILING, ENSILAGE, AND BARN CONSTRUCTION.—F. S. Peck. 247 pages. \$1.00.

LIVE STOCK.

- THE STUDY OF BREEDS (CATTLE, SHEEP, AND SWINE).—Prof. Shaw. 400 pages; 60 engravings. \$1.50.
- HORSE BREEDING.—Sanders. 422 pages. \$1.50.
- LIGHT HORSES—BREEDS AND MANAGEMENT. 226 pages. \$1.00.
- HEAVY HORSES—BREEDS AND MANAGEMENT. 219 pages. \$1.00.
- CATTLE—BREEDS AND MANAGEMENT. 270 pages. \$1.00.
- SHEEP—BREEDS AND MANAGEMENT. 232 pages. \$1.00.
- CATTLE BREEDING.—Warfield. 386 pages. \$2.00.
- THE DOMESTIC SHEEP.—Stewart. 351 pages. \$1.75.
- THE SHEEP.—Rushworth. 496 pages. \$1.50.
- PIGS—BREEDS AND MANAGEMENT.—Sanders Spencer. 175 pages. \$1.00.
- FEEDS AND FEEDING.—Henry. 600 pages. \$2.00.

GENERAL AGRICULTURE.

- AGRICULTURE.—C. C. James. 200 pages. 30 cents.
- FIRST PRINCIPLES OF AGRICULTURE.—Foorhees. 207 pages. \$1.00.
- AGRICULTURE.—Storer. 1,875 pages, in three volumes. \$5.00.
- CHEMISTRY OF THE FARM.—Warrington. 183 pages. 90 cents.
- FARMYARD MANURE.—Aikman. 65 pages. 50 cents.
- BARN BUILDING.—Sanders. 280 pages. \$2.00.
- IRRIGATION AND DRAINAGE.—King. 502 pages. \$1.50.
- IRRIGATION FOR THE FARM GARDEN AND ORCHARD.—Henry Stewart. \$1.00.

DAIRYING.

- AMERICAN DAIRYING.—H. B. Gurler. 252 pages. \$1.00.
- THE BOOK OF THE DAIRY.—Fleischmann. 330 pages. \$2.75.
- MILK AND ITS PRODUCTS.—Wing. 230 pages. \$1.00.
- TESTING MILK AND ITS PRODUCTS.—Farrington & Woll. 255 pages. \$1.00.

POULTRY.

- ARTIFICIAL INCUBATING AND BROODING.—Cypher. 146 pages. 50 cents.
- PRACTICAL POULTRY-KEEPER.—Wright. \$2.00.

APIARY.

- THE HONEYBEE.—Langstroth. 521 pages. \$1.40.

FRUIT, FLOWERS, AND VEGETABLES.

- VEGETABLE GARDENING.—Green. 224 pages. \$1.25.
- FLOWERS AND HOW TO GROW THEM.—Rexford. 175 pages. 50 cents.
- THE PRINCIPLES OF FRUIT-GROWING.—Bailey. 514 pages. \$1.25.
- BUSH FRUITS.—Card. 537 pages. \$1.50.
- HORTICULTURIST'S RULE BOOK.—Bailey. 312 pages. 75 cents.
- SPRAYING OF PLANTS.—Lodeman. 390 pages. \$1.00.
- THE NURSERY BOOK.—Bailey. 365 pages; 152 illustrations. \$1.00.
- AMATEUR FRUIT-GROWING.—Samuel B. Green. 5x7 inches; 134 pages, with numerous fly leaves for notes; bound in cloth, and illustrated. 50 cents.

PLANT AND ANIMAL LIFE.

- THE STORY OF THE PLANTS.—Grant Allen. 213 pages. 40 cents.
- THE STUDY OF ANIMAL LIFE.—J. A. Thomson. 355 pages. \$1.75.
- INSECTS INJURIOUS TO FRUITS.—Saunders. 436 pages. \$2.00.

HOW TO OBTAIN THESE BOOKS:

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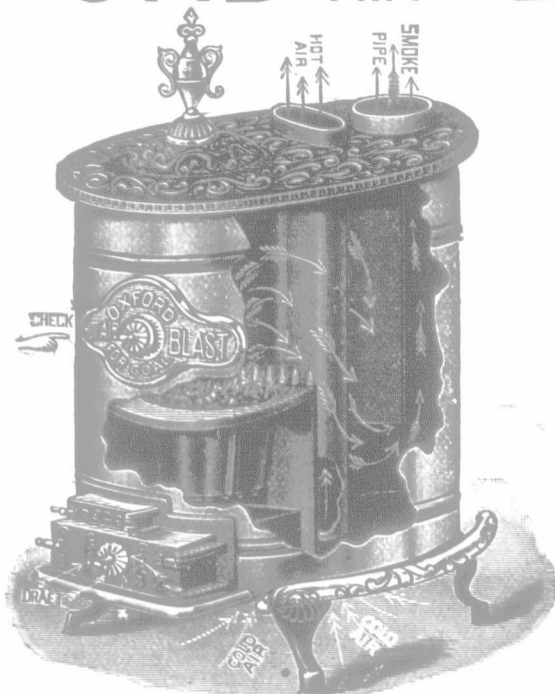
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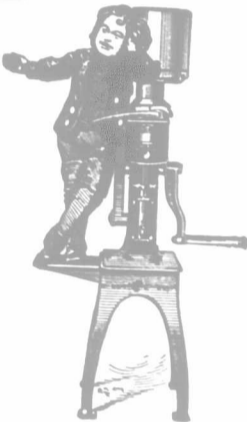


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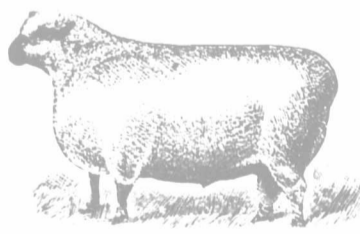
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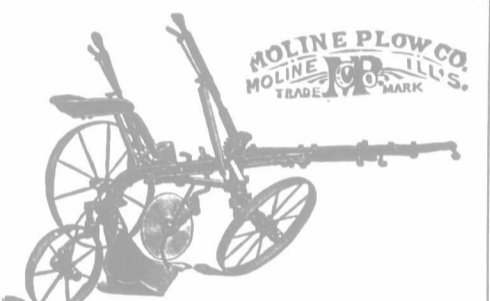
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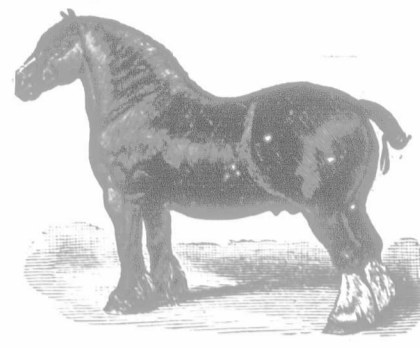
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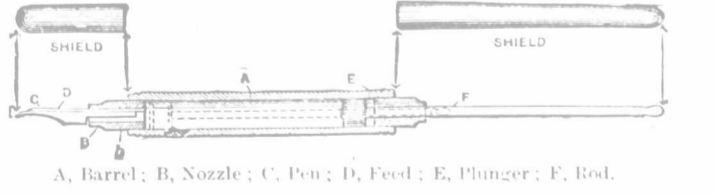
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"I have tried every pen of the kind on the market, and now unhesitatingly give the preference to the Post. It not only feeds itself with less care, but has the immeasurable advantage of re-supply without inking the fingers. I do all my work with it."

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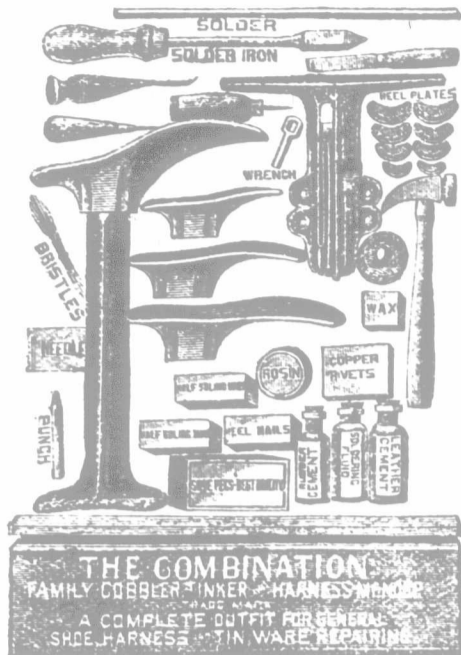
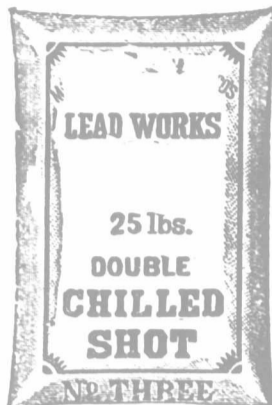
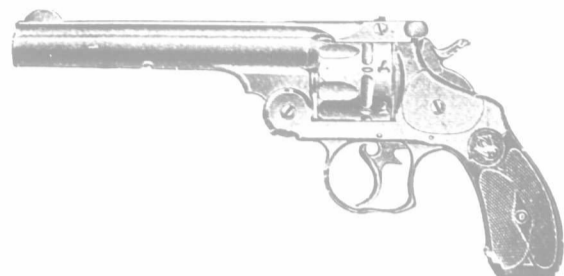
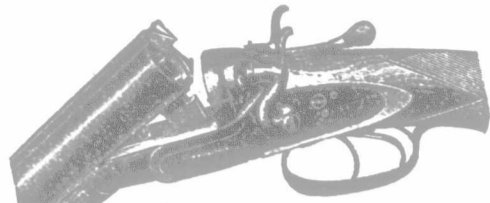
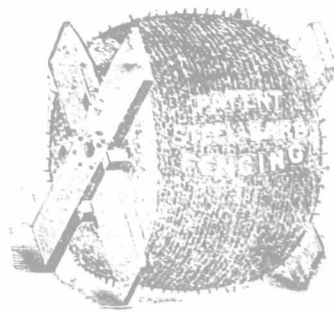


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THOROUGHBREDS.—Stallion, four years old and upwards—1 and silver medal, J E Seagram, Waterloo [Connoisseur]; 2 Wm. Hendrie, Hamilton [Harvey]; 3 J E Seagram [Golden Badge]. Stallion, four years old and upwards, best calculated to produce hunters and saddle horses—1 S B Fuller, Woodstock [Wynham]; 2 Quinn Bros., Brampton [Woodburn]; 3 Jos Mossop, Thornedale [Temple]. Stallion, three years old—2 R R Courtney, Toronto [King Joshua]. Stallion, two years old—1 Wm Hendrie [Kendalwater]; 2 T Webster, Brampton [Court K]; 3 S Jewel, Mt Albert [Duke of C Berry]. Yearling colt, entire—1 Wm Hendrie [Dunrobin]. Filly, three years old—1 R Beith, Bowmanville [Haggis]; 2 C E A Lloyd, Toronto [Nancy Bell]. Filly, two years old—1 J E Seagram [Sleepy Hollow]; 2 J E Seagram [Fly in Amber]; 3 Wm Hendrie [Pando]. Yearling filly or gelding—1 J E Seagram [Elcho]; 2 J E Seagram [Beautiful Dreamer]; 3 Wm Hendrie [Lyddie]. Brood mare, with foal by her side—1 and silver medal, R Davies, Toronto [Thisle]; 2 R Davies [Etare]; 3 Wm Hendrie [Duplicate]. Foal of 1900—1 M Strong, Willowdale [John Festival]; 2 Wm Hendrie [The Bailie]; 3 R Davies.

ROADSTERS.—Stallion, four years old and upwards, not less than 15 hands, 1 and silver medal, Graham Callacott Paxton, Port Perry [Renville Boy 288]; 2 E M Crawford, Brampton [Goldwatch]; 3 J A Childs, Eglington [Haltone 249]; 4 T Maddaford, Whitby [Stanton Wilkes 29]. Stallion, three years old—1 A McDougall, Milton [Star Wilkes]; 2 W Smith, Woodbridge [Billy Hill]; 3 T Welsh, Toronto [Golden Star]; 4 W J Shibley, Harrowsmith. Stallion, two years old—3 S B Kaiser, Cookstown [Lord Robert]. Yearling colt, entire—1 T Maddaford [Stanton Boy]; 2 W G Ellis, Bedford Park [Laddie]; 3 W J McCool, Eglington; 4 W Doherty, Ellice-mere [Sir Edward]. Gelding or filly, three years old—1 J A Owens, Altona [Minnie May]; 2 T Nattrass, Millbrook [Sweet Violet]; 3 P Herald, Tavistock; 4 T Cowan, Orono [Harry Wilkes]. Gelding or filly, two years old—1 H Zimm, Listowel [Bella Wilkes]; 2 J A Owens [Lucey Brimo]; 3 C Pierce, Mt Brydges [Alice]; 4 W J Shibley, Harrowsmith. Yearling gelding or filly—1 C B Fuller, Altona [Flossy]; 2 J Shepley, Charing Cross; 3 T Heath, Snodgrove [Harry]; 4 H Zimm, Listowel [Harry Wedglock]. Brood mare, with foal by her side—1 M E Mitchell, Brampton [Nellie]; 2 T L Martin, Bimbrook [Queen of Scots]; 3 T Scott, Sutton West [May]; 4 J F Williamson, Appleby [Maud]. Foal of 1900—1 J A Fuller [Dexter]; 2 M E Mitchell [Eva]; 3 W Smith [Sid Passmore]; 4 T Scott. Pair matched horses, geldings or mares, in harness, 16 hands and under, and over 15 hands, 1 and silver medal, Teeterville; 2 W H Shaw, Toronto [Nell and Mink]; 3 J A Fuller [Queen and Nell]. Pair matched horses, geldings or mares, in harness, 13 hands and under—1 K L Wilks, Blair [Victor and Victor]; 2 J D McGibbon, Milton [Daisy and Maud]; 3 W T Merry, Toronto [Bessie and Jessie]; 4 J H Wesley, Newmarket [Kate and Duplicate]. Single horse, gelding or mare, in harness, 16 hands and under, and over 15 hands—T G Green, Stony Creek [Course]; 2 S McReid, Toronto [Billy]; 3 N McLean, Toronto [Max Stanton]; 4 T Cowan, Orono [Darky]. Single horse, gelding or mare, in harness, 15 hands and under—1 T G Green [Wilkie Ross]; 2 C Head, Guelph [Dolly A]; 3 and silver medal, F J Gallanough, Thornhill [Wilkey Bell]; 4 J Oliver & Son, Derry West [Little Bell].

STANDARD-BRED TROTTERS.—Stallion, four years old and upwards—1 and silver medal, E R Hogate, Woodstock [Pavonia 196]; 2 Fisher & Button, Ringwood [Altoner 179]; 3 Pierce & Bateman, Mt Brydges [Monbars 1188]. Stallion, three years old—1 R B McCarty, Thamesford [Brown Star 2314]. Stallion, two years old—1 E Lennon, Toronto [Sir Altoner]. Gelding or filly, three years old—1 and silver medal, E Davies, Toronto [Belle of Chester]. Gelding or filly, two years old—1 J Childs, Eglington [Belle Bennett]; 2 R Davies [General Bell]. Yearling, gelding or filly—1 M Strong, Willowdale [Mimosa]. Single horse, gelding or mare, in harness—1 Crow & Murray, Toronto [Starbeck]; 2 F J Gallanough, Thornhill [Mabel]; 3 J A Fuller, Guelph [Dora Wright].

CARRIAGE AND COACH HORSES.—Stallion, four years old and upwards, in harness, and over 15 hands, to be shown to gig or dog cart, substance and conformation, action and style to count—1 J W Veale, Guelph [Dog Cart Horse]; 2 R Beith, Bowmanville; 3 C Head, Guelph. Dog cart horse, mare or gelding, four years and

over, under 15 hands and over 15 hands, to be shown to gig or dog cart; substance and conformation, action and style to count—1 Crow & Murray, Toronto; 2 A Yeager, Simcoe; 3 C Head. Cob in harness, mare or gelding, four years and over, not under 14 hands and not exceeding 15 hands, must be steadily built and have style and good action—1 Crow & Murray, Toronto; 2 W W Dundas, Toronto; 3 E B Clancy, Toronto. CLYDESDALES (IMPORTED OR CANADIAN-BRED).—Clydesdale stallion and four of his progeny, the progeny not to be over two years old. The award to be made on the proportion of 30 per cent, for the stallion and 70 per cent, for the progeny—1 J M Gardner, Highfield [King of the Clydes 2563]; 2 Graham Bros [Bold Knight 2437]; 3 Smillie Bros, Brucefield [Prince of Hurford 2896]; 4 D & O Sorby [Delectable 2666]. Stallion, two years old—1 Graham Bros [Royal Cairn 2730]; 2 R Davies [King Lynedock 2578]; 3 J Stewart, Springbank [Lyon Stewart 2732]; 4 J Ness, Hawick, Que [Bright 2739]. Yearling colt, entire—1 D & O Sorby [Charming Lad 2743]; 2 D & O Sorby [Lord Clarence Charming 2648]; 3 J McCallum, Tavistock [Scottish Rover 2724]. Filly, three years old—1 and silver medal, Graham Bros [Royal Lady 2341]. Filly, two years old—1 Graham Bros [Cherry Start 2788]; 2 Graham Bros [Charming Lady 2790]; 3 J Prouse, Ingersoll [Jean of Hartland 2616]. Yearling filly or gelding—1 E Davies [Nelly Lynedock 2693]; 2 D & O Sorby [Miss Charming 2695]. Brood mare, with foal of the same breed by her side—1 Graham Bros [Corinne 2226]; 2 D & O Sorby [Miss Stanley 2307]; 3 Graham Bros [Cherry Sweet 2787]. Foal of 1900—1 Hodgkinson & Tisdale, Beaverton [Royal Queen 2802]; 2 Graham Bros [Aimbroge Model 2301]; 3 Graham Bros [Prince Roberts 2719]. Best mare, with two of her progeny—1 Graham Bros [Cherry Sweet 2787]. Span of Clydesdales (geldings or mares)—1 D & O Sorby [Princess Alexander 230 and Soudie Lass 2313]; 2 J Devitt & Son, Freepress [Nellie Maepherson 2757 and Topsy Maepherson 2738].

ENGLISH SHIRE HORSES (IMPORTED OR CANADIAN-BRED).—Stallion, four years old and upwards—1 and silver medal, Bayden & McDonald, Exeter [Belshazzar 13855]; 2 Morris, Stone & Wellington, Fonthill [Pride of Hatfield 256]; 3 P Herold, V S Tavistock [Yorkshire Lad 9th 293]. Stallion, three years old—1 Bayden & McDonald [Willott Thumper 18152]; 2 Hogate & Co, Toronto [Ground-low Charming 299]; 3 Morris, Stone & Wellington [Mars 275]. Filly, three years old—1 and silver medal, Jno Gardner, Highfield [Violet 126]; 2 Morris, Stone & Wellington [Belle 2nd 137]. Filly, two years old—1 Morris, Stone & Wellington [Leila 131]. Yearling, filly or gelding—1 J Gardner [Victoria]; 2 Morris, Stone & Wellington [Rosa 145]. Brood mare, with foal of the same breed by her side—1 Morris, Stone & Wellington [Laura 112]. Foal of 1900—1 Morris, Stone & Wellington [Birdie 116].

HEAVY DRAFT HORSES (CANADIAN BRED ONLY).—Stallion, four years old and upwards—1 A Doherty, Ellice-mere [Prince of Blandyre 2nd 229]; 2 W F Broad, Lindsay [Grand Lad 238]; 3 T H Hays, Millbrook [Gold Grandeur 234]. Stallion, three years old—1 R Newman, Woodford [Jubilee Chief 242]; 2 Hogate & Son, Toronto [Roslin Again 236]. Stallion, two years old—1 and silver medal, J Miller & Son, Brongham [Lord Roberts 254]; 2 A Agar, Nashville [West York Stamp 256]; 3 Graham Bros, Clarence [Lord Roberts 295]. Gelding—1 W J Howard, Veale; 2 P H Patrie, Stratford; 3 R Newman, Filly, three years old—1 and silver medal, Hodgkinson & Tisdale, Beaverton [Royal Princess 236]; 2 J O Little, Sandhill [Sadie Stamp]. Filly, two years old—1 W Woodhill, Woodhill [Bet]; 2 A Doherty [Glen Ina]; 3 M Laidlaw, Mayfield [Fay Stamp]. Filly, one year old—1 D & O Sorby, Guelph [Charming Star 273]; 2 W Woodhill [Bet]; 3 G Crawford, Oro Station [Max Bell]. Brood mare, with foal by her side—1 G Crawford [Moss Bank]; 2 A Doherty [Daisy Belle 236]; 3 Hodgkinson & Tisdale [Moss Rose 191]. Foal of 1900—1 J Cowie, Markham [Well Ahead]; 2 S J Prouse, Ingersoll; 3 G Crawford [Rosola]. Mare,

with two of her progeny—1 G Crawford [Rosola]. Span of horses, geldings or mares—1 G Moore, Waterloo [Waterloo and Berlin]; 2 G Moore [Wallace and Bruce]; 3 F H Petrie. HORSES FOR GENERAL PURPOSES.—Mare or gelding, four years old and upwards—1 Head, Guelph; 2 J Bushnell, Mount Horeb; 3 W N Scott, Milton. Filly or gelding, three years old—1 F Clark, Altona; 2 A Little, Georgetown. Filly or gelding, two years old—1 J Mothersill, Altona; 2 J H Ferguson, Brampton; 3 M Harrison, Brampton. Yearling filly or gelding—1 T Fenwick, Summerville; 2 J H Ferguson. Brood mare, with foal by her side—1 and silver medal, J Mothersill; 2 J Oliver & Son, Derry West; 3 Andrews Bros, Elmbank. Foal of 1900—1 J Mothersill; 2 J A Fuller, Altona; 3 J F Williamson, Appleby. Matched team geldings or mares, in harness—1 Andrews Bros; 2 A Little; 3 D Hutcheon, Nassagaweya. PONIES.—Stallion, 13 hands and under—1 C Stewart, Harrowsmith [Donald]; 2 D Decow, Middlemiss [Dandy]; 3 D Decow [Arab Chief]. Pony, in single harness, 11 hands and under—1 T H Coffin, Toronto [Jack]; 2 J Park, Toronto [Billy]. Pony, in single harness, over 11 hands, up to 12 hands—1 G V Foster, Toronto [Puss]; 2 J Tilt, Derry West [Major Dot]; 3 J Garrett, Toronto [Joe]. Pair of ponies in harness, 12 hands and under—1 T S Hill, Toronto [Dolly and Jessie]. Pony, in single harness, over 12 hands, up to 13 hands—1 M Baker, Woodstock [Daisy]; 2 T Gall, Toronto [Top]; 3 J H Harrison, Brampton [Dot]. Pair of ponies, in harness, over 12 hands, up to 13 hands—1 F Maher, Toronto [Just in Time and Ladysmith]. Pony, in single harness, over 13 hands, up to 14 hands—1 J F Lennox, Stouffville [Canadian Ensign]; 2 R Beith, Bowmanville [Darrington 3rd]; 3 W A Boos, Orangeville [Nellie]. Pair of ponies, in harness, over 13 hands, up to 14 hands—1 A E Middlefield, Newmarket.

PONY RUNNING RACES.—Running race, for ponies 13 hands and under, half-mile heats, best 2 in 3—1 S Jewel, Mt Albert [Black Jim]; 2 W E Verral, Toronto [Wasp]; 3 R Davies, Toronto [Cretal]. Running race, for ponies 12 hands and under, half-mile heats, best 2 in 3—1 D Decow, Middlemiss [Arab Chief].

PONY TROTTING RACES.—Trotting race, to harness in pony cart or surrey, 12 hands and under, driven by boy under 15 years of age, half-mile heats, best 2 in 3—1 C Stewart, Harrowsmith [Donald]; 2 J Chantler, Toronto [Lucy]; 3 J McConvey, Toronto [Little Frank]. Trotting race, to harness in pony cart or surrey, over 12 and under 13 hands, half-mile heats, best 2 in 3—1 W E Verral, Toronto [Cricket]; 2 A H Plummer, Blythe [Sammy P].

HUNTERS AND SADDLE HORSES.—Saddle horse, gelding or mare—1 Geo Pepper, Toronto [Jubilee]; 2 G A & A Case, Toronto [Symphony]; 3 J Beady, Toronto [Pride of Ardare]; 4 S Chisholm [Oakville]. Hunter, heavy weight, up to 15 stone—1 Geo Pepper [Jno Collins]; 2 L Meredith, London; 3 Geo Pepper [My Fellow]; 4 G A Peters, Toronto [Veto]. Hunter, light weight, up to 11 stone—1 Geo Pepper [Your Fellow]; 2 M Pepper, Toronto [Curfew Bell]; 3 Geo Pepper [Victoria]; 4 Geo Pepper [Glenmore]. Ladies saddle horse—1 and silver medal, Geo Pepper [Leading Lady]; 2 J G Wilson, Paris Station; 3 W Buckle, Guelph [Babe]; 4 B Fuller, Woodstock [Waltzer]. Three-year-old, filly or gelding, not Thoroughbred, but sired by a Thoroughbred horse, likely to make a good hunter or saddle horse—1 G & J Calloway, Guelph [Wason]; 2 A E Cloughton, Epsom [Ladysmith]; 3 K Mars-Old, gelding or filly, not Thoroughbred, but sired by a Thoroughbred horse, likely to make a good hunter or saddle horse—1 W N Tape, Bentpath; 2 F Clark, Altona [Wiley]. Horse, best leaper—1 Geo Pepper [My Fellow]; 2 Geo Pepper [J Collins]; 3 Geo Pepper [Glenmore]; 4 J Geo Pepper [Victoria].

SPECIAL PRIZES FOR HUNTERS.—HIGH JUMPING.—Light weight green hunters, carrying not less than 154 pounds. Best performance over four successive jumps, about 4 feet, in and out about 3 feet 6 inches, about 20 feet apart—1 G & J Calloway, Guelph [Wason]; 2 G Martin, Stratford [Dr Martin]; 3 G A & A Case, Toronto [Signal]. Heavy weight green hunters, carrying not less than 175 lbs. Best performance over six successive jumps, about 4 ft., in and out about 3 ft. 6 in., about 20 ft. apart—1 L Meredith, London [Eagle Plum]; 2 Geo Pepper, Toronto [Courtout]; 3 Geo Pepper, Toronto [London]. Light weight qualified hunters, carrying not less than 154 lbs. Best performance over four successive jumps, about 4 ft., in and out about 3 ft. 6 in., about 20 ft. apart—1 Geo Pepper [Victoria]; 2 Geo Pepper [Pearl]; 3 Geo Pepper [Lady Gay]. Heavy weight qualified hunters, carrying not less than 175 lbs. Best performance over six successive jumps, about 4 ft., in and out about 3 ft. 6 in., about 20 ft. apart—1 Geo Pepper [My Fellow]; 2 Geo Pepper [Pearl]; 3 M Pepper [Gulfed Bell]. Hunters, showing best performance over five successive jumps, 4 ft. 6 in., catch weights, minimum weight 140 lbs., in and out, various heights—1 Geo Pepper [John Collins]; 2 G Martin [Thornwood]; 3 Geo Pepper [Your Fellow]. Special: Hunters showing best performance over 6 successive jumps, about 3 ft. 6 in., carrying 160 lbs., ridden by owners, dealers included—1 E Philip, Toronto [Chip]; 2 E Philip [Rifle Boy]; 3 G T Ward, Woodhill [Maud].

SCOUT HORSES AND BAREBACK RIDING.—Bareback riding on horses which have never competed in a race, owned and ridden by farmers or farmers' sons engaged exclusively in farming not less than 50 acres, to be shown in a walk, trot, and gallop. Prizes presented by Messrs Harris Co., Limited, Toronto—1 Geo Ward, Woodhill; 2 R F Duck & Son, Port Credit [Pride of Erin]; 3 A Hewson, Grahamsville [Pansy].

FOR BEST PERFORMANCE OF PROFESSIONAL COACHMEN IN LIVERY.—Driving a pair of horses—1 J Morton, coachman for Geo Gooderham, Toronto; 2 H F Arno, coachman for F Y Eaton, Toronto; 3 Mr. Robinson, coachman for Mrs. Fraser, Toronto Junction.

FOR FOUR IN HANDS.—For the best four-in-hand teams, mares or geldings, four years old and over, to be shown before break, coach, or heavy carriage—1 A Yeager, Simcoe.

FOR TANDEMS.—For the best tandem of horses and men, out, style and skill in handling, etc., the class to be shown before two-wheeled tandem carts or dog carts—1 Crow & Murray, Toronto; 2 A Yeager, Simcoe.

BEST AND BEST APPOINTED GENTLEMEN'S PAIR TURNOUT.—DEALERS IN HORSES EXCLUDED.—Pair of mares or

geldings, not under 15 hands. Shown to T cart, mail Stanhope, or spider phaeton. Dealers in horses excluded. Entire outfit and general display to be considered. Horses to count 60 and appointments 40 per cent. The entire outfit to be the bona fide property of and bedriven by the exhibitor, or coachman in livery, 2 G A & A Case, Toronto; 3 J Palmer, Toronto.

BEST AND BEST-APPOINTED GENTLE MEN'S PAIR TURNOUT FOR DEALERS ONLY.—Pair of mares or geldings, not under 15 hands. Show to T cart, mail Stanhope or spider phaeton. Open to dealers only. Entire outfit and general display to be considered. Horses to count 60 and appointments 40 per cent. The entire outfit to be the bona fide property of the exhibitor. Owner or coachman in livery to drive.—2 Crow & Murray, Toronto; 3 E B Clancy, Toronto.

BOY RIDERS.—Best boy rider, under 14 years of age, on pony under 13 hands. Boys to be properly and neatly costumed.—1 G V Foster, Toronto; 2 D Devoe, 3 J Park, Toronto. CHILDREN'S TURNOUT.—Pony, under 13 hands, harnessed to two-wheeled cart, driven by girl or boy under 15 years of age. Everything to be considered.—1 G V Foster, Toronto; 2 Miss T S Hill, Toronto; 3 Howar and Mills, Toronto [Little Bobs]; 4 Joseph Park, Toronto [Billy]; 5 Jas Tilt, Derry West [Major Dot].

CATTLE.

SHORTHORNS.—Bull four years old and upwards.—1 J & W Russell (Charles Dickens—2348); 2 J & W Russell, Richmond Hill (Duncan Stanley—1634); 3 Wm Grainger & Son, Lonsdale (Beau Ideal—2255); 4 Bull, two years old and over—1 J & P Cramer, Shakespeare, Ont (Captain Mayfly Imp)—2888; 2 J & W Russell (Royal Bounty—3995); 3 John Reid & Son, Roseville (Kneelard Stamp Imp)—2887; 4 Bull, one year old and under two, 1 gold medal, T E Robson, Iderton (First Choice—3032); 2 Hillhurst Farm, Hillhurst, Que (Joy of Morning Imp)—3270; 3 Hillhurst Farm (Hillhurst Baronet, Vol 17). Bull calf, under one year.—1 J & W B Watt (Royal Wonder—3482); 2 T E Robson (Ribbons Choice—3491); 3 T E Robson (Royal Hob—3465); 4 Goodfellow Bros, Macville (James Stamford Watt—3467); 5 W C Edwards & Co, Rockland (Knight Errant—3439). Cow, four years old and over.—1 and gold medal, J & W Russell, Richmond Hill (Nonpareil 52nd—2418); 2 T E Robson (Freida—2721); 3 J & W Russell (Centennial Isabella 35th—2872); 4 W Russell (Centennial Isabella 43th—3719); 5 J & P Cramer (Belchian Daisy Imp)—3173; 6 Goodfellow Bros (Salem Stamford—3339); 7 Heifer, two years old and under three.—1 J & W Russell (Centennial Isabella 47th—3721); 2 J & W Russell (Nonpareil 58th—3725); 3 T E Robson (Craibstone Baroness Imp)—3429; 4 Heifer, one year old and under two.—1 J & W B Watt (Matchless 25th—3745); 2 T E Robson (Lady Sowerby—Vol 17); 3 T E Robson (Lavinia's Blossom 3rd—Vol 17); 4 Hillhurst Farm (Fancy Lady Imp)—3418; 5 Heifer calf, under one year.—1 Goodfellow Bros (Bertha—Vol 17); 2 T Douglas & Sons, Strathroy (Lorena—Vol 17); 3 T E Robson (Lady Zoe 6th—Vol 17); 4 R & S Nicholson, Sylvan (Vacuna 56th—Vol 17); 5 P Cramer (Gem of Ballechin 2nd—Vol 17). Four calves, bred and owned by exhibitor.—1 W C Edwards & Co, Rockland; 2 J & W B Watt; 3 R & S Nicholson, Sylvan; 4 T Douglas & Sons, Strathroy. Five females, bred and owned by exhibitor.—1 J & W Russell; 2 J & W B Watt. Best three animals, get of one bull, male or female, owned by exhibitor.—1 J & W B Watt; 2 J & W Russell. Bull and four females, under two years, owned by exhibitor.—1 T E Robson; 2 J & W B Watt; 3 Hillhurst Farm. Herd of one bull and four females, over one year, owned by the exhibitor.—1 J & W Russell; 2 T E Robson; 3 J & W B Watt.

HEIFERS.—Bull, three years old and upwards, 1 and silver medal, H D Smith, Compton, Que (Mark Hanna—1230). Bull, two years old.—1 H D Smith (Amos 5th of Ingleside—8350); 2 H D Smith (Sir Ingleside—8360); 3 Stone Stock Co, Guelph (Baronet—1292). Bull, one year old.—1 H D Smith (Prince Ingleside—8362); 2 W H Hunter, The Maples (Young Actor—1250). Bull calf, under one year.—1 Stone Stock Co (Imperial—1175); 2 Stone Stock Co (Stone Clarence 2nd); 3 W H Hunter (Maple King—1285). Cow, four years old and upwards.—1 and silver medal, H D Smith (Chatterbox—7877); 2 H D Smith (Duxmoor Brenda—7878); 3 H D Smith (Lady R 7878). Cow, three years old.—1 H D Smith (Sylvan 7th of Ingleside—7356); 2 Stone Stock Co (Ionia—851); 3 H D Smith (Lady Bountiful—7878). Heifer, two years old.—1 Stone Stock Co (Duchess of Moreton 2nd—8349); 2 H D Smith (Laura of Ingleside—8357); 3 W H Hunter (Brenda—1688). Heifer, one year old.—1 Stone Stock Co (Graceful—9610); 2 H D Smith (Frivolity of Ingleside—8390); 3 H D Smith (Ingleside Brenda—3302). Heifer calf, under one year.—1 Stone Stock Co (Peach 35th—10440); 2 W H Hunter (Jessamine); 3 W H Hunter (Maple Rose). Herd, consisting of one bull and four females, over one year old, owned by the exhibitor.—1 H D Smith; 2 F W Stone Stock Co; 3 H D Smith.

POLLED ANGUS.—Bull, three years old and upwards.—1 and silver medal, James Bowman, Guelph (Kyma's Heir—2483); 2 Wm Stewart & Son, Lucasville (Lucretius 2nd—26713). Bull, two years old.—1 W Hall, Washington (Laird of Two-hill 2nd—5282); 2 W Hall (Aberdeen—339). Bull, one year old.—1 Jas Bowman (Duke of Erin—3364); 2 W Stewart & Son (Heron of Willow—3207). Bull calf, under one year.—1 Jas Bowman (Elm Park Laird 2nd—3848); 2 James Bowman (Elm Park Stamp 2nd—3849); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G). Cow, four years old and upwards.—1 W Hall (Lady Aberdeen); 2 Wm Stewart & Son (Victoria 2nd of W G); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G). Heifer, two years old.—1 Wm Stewart & Son (Victoria 2nd of W G); 2 Wm Stewart & Son (Victoria 2nd of W G); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G). Heifer calf, under one year.—1 Wm Stewart & Son (Victoria 2nd of W G); 2 Wm Stewart & Son (Victoria 2nd of W G); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G). Cow, four years old and upwards.—1 Wm Stewart & Son (Victoria 2nd of W G); 2 Wm Stewart & Son (Victoria 2nd of W G); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G). Heifer, two years old.—1 Wm Stewart & Son (Victoria 2nd of W G); 2 Wm Stewart & Son (Victoria 2nd of W G); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G). Heifer calf, under one year.—1 Wm Stewart & Son (Victoria 2nd of W G); 2 Wm Stewart & Son (Victoria 2nd of W G); 3 W Stewart & Son (Victoria 2nd of W G); 4 Wm Stewart & Son (Victoria 2nd of W G).

—1 D McCrae (Kenneth 1443); 2 A M & R Shaw (Charteris 1467). Bull calf, under one year.—1 D McCrae (Anworth 17006); 2 D McCrae (King of Maples); 3 A M & R Shaw (Prince of High Park 16887). Cow, four years old and upwards.—1 and silver medal, D McCrae (Semiramis 25th—12787); 2 D McCrae (Semiramis 26th—12792); 3 A M & R Shaw (Gem 3rd of Drumlanrig—9157). Cow, three years old.—1 D McCrae (Maid Minnie—12830); 2 A M & R Shaw (Irvana—13219); 3 D McCrae (Jewel 15225). Heifer, two years old.—1 D McCrae (Ranee 13th—13273); 2 A M & R Shaw (Minnie May of High Park—14210); 3 D McCrae (Adela of Wentworth—13974). Heifer, one year old.—1 A M & R Shaw (Valentine S—15042); 2 D McCrae (Valencia 14814); 3 D McCrae (Calla Lily—14615). Heifer calf, under one year.—1 D McCrae (Semiramis Tara 37th—17008); 2 D McCrae (Calla Lily—17009); 3 A M & R Shaw (Belle B—2nd—16890). Herd, consisting of one bull and four females, over one year old, owned by the exhibitor.—1 D McCrae; 2 A M & R Shaw; 3 D McCrae.

FAT CATTLE, ANY BREED.—Fat steer, two years old and upwards.—1 Jas Leask, Greenbank; 2 J Freid & Son, Roseville. Fat steer, one year old and under two.—1 Jas Leask; 2 J H Dingle, Hamilton. Fat steer calf, under one year old.—1 J Leask; 2 J Freid & Son; 3 J Freid & Son. Fat cow, four years old and over.—1 J Leask; 2 J Bowman, Guelph; 3 D Talbot, Everton. Fat heifer, under four years old.—1 Jas Leask; 2 Freid & Son. Pair of fat cattle, of any age, neither of which is entered in other sections, silver medal.—1 Freid & Son; 2 J Leask.

GRADE CATTLE.—Grade cow, four years old and upwards.—1 and silver medal, Leask, Greenbank; 2 E Brandon, Toronto. Cow, three years old.—1 J Leask; 2 Freid & Son, Roseville. Heifer, two years old.—1 J Leask; 2 Goodfellow Bros, Macville. Heifer, one year old.—1 J Leask; 2 Goodfellow Bros. Heifer calf, under one year.—1 and 3 J Freid & Son; 2 Goodfellow Bros. Four females, over one year old, the property of the exhibitor, not entered in any other class.—1 J Leask.

AYRSHIRES.—Bull, three years old and upwards.—1 W E H Massie, Coleman (Silver Prince of St. Louis—2939); 2 N Dymont, Clappison's (Drummond—2036); 3 W Ogilvie, Lachine Rapids, Que (Douglasdale of Dam of Ache—1365); 4 W Wylie, Howick, Que (Uncle Sam 7944). Two year olds.—1 and silver medal, R R Ness, Howick. Que (Duke of Clarence of Barcheskie Imp)—1168; 2 J McCormack & Son, Rockton (Glenora Sultan—10338); 3 W Ogilvie (Glenora Knockdon Imp)—10335. Bull, one year old.—1 Wm Stewart & Son, Menie (Hoverablink—8906); 2 W Wylie (cock of the North of St. Ann's—9997); 3 W Ogilvie (Prince—1328); 4 Alex Hume & Co, Menie (White Cockade—10192). Bull calf, under one year.—1 Jas McCormack & Son (Royal Salute—1206); 2 W Ogilvie (Dunraven of Glenora—11998); 3 Stewart & Son (Lord Roberts 15533); 4 Wm Wylie (White Prince of Elm Shade—12067). Bull calf, calved after 1st February, 1900.—1 A Hume & Co (Lord Minto—12016); 2 Wm Stewart & Son (Henry Wade—11634); 3 W Ogilvie (Kitchen—11639). Cow, four years old and upwards.—1 and silver medal, W E H Massey (Lady—11639); 2 Wm Wylie (Stately of Crosshouse Imp)—10588. Heifer, two years old.—1 A Hume & Co (Eva's White Pearl—8263); 2 Wm Stewart & Son (Mary Mitchell); 3 W Wylie (Nora of Elmshade—10516); 4 R R Ness (Lady Spotted of Burnside—9071). Heifer, 1 year old.—1 A Hume & Co (Little Love—10488); 2 W Wylie (Ogilvie Glenora Dairy Queen—11639); 3 R R Ness (Lady Earle of R—12083); 4 W Wylie (Glenora Sally—11124). Heifer calf under one year.—1 R R Ness (Lady Bruce—12087); 2 A Hume & Co (Irene of Menie—12014); 3 W Wylie (Glenora Ayrshire Lassie—11419); 4 W Wylie (Glenora Stately—11225). Heifer calf, calved after the 1st February, 1900.—1 R R Ness (Lady Rose of B—12090); 2 Jas McCormack & Son (Lady Belle—12065); 3 A Hume & Co (Lady Belle—12065); 4 R Hunter, Jr, Maxville (Miss Pringle of Bankend—13383). Four animals, the progeny of one bull, all bred and owned by the exhibitor.—1 A Hume & Co; 2 W Ogilvie; 3 R R Ness; 4 J McCormack & Son. Herd, consisting of one bull and three heifers under two years old, the heifers to have been bred by the exhibitor, and all to be owned by him.—1 W Ogilvie; 2 R R Ness; 3 A Hume & Co; 4 W Wylie. Herd, consisting of one bull, any age, two females over three years old, one female over two and under three, one female over one and under two, and one female under one year, all owned by the exhibitor.—1 W Ogilvie; 2 A Hume & Co; 3 R R Ness; 4 W Wylie.

JERSEYS.—Bull, three years old and upwards.—1 W G Laidlaw, Wilton Grove (Prince Frank's Son—48780); 2 R Davies, Toronto (Distinction's Golden—18828); 3 W E H Massey, Coleman (Lord of Dentonia—50166); 4 B H Bull & Son, Brampton (Albert Easter—47326). Bull, two years old.—1 and silver medal, W E H Massey (Blm of Dentonia—52011); 2 L B Davidson, Newcastle (Sir Wm de Newcastle—52193); 3 E Wicks, Mt Dennis (Queen of Beachland—53906). Bull, 1 year old.—1 E N Fleming, Toronto (Canada's Golden Prince); 2 D Duncan, Don (Blue Blood of Dentonia—52898); 3 W E H Massey (Up-to-Date of Dentonia—52851); 4 R Davies (Orion Stoke Potts—53915). Bull calf, under one year.—1 B H Bull & Son (Golden Boy of Brampton); 2 B H Bull & Son (Brampton's Golden); 3 R Davies (Daisy's Triple Alliance—53433); 4 L B Davidson (Eva Bobs' White Buller). Bull calf, calved after 1st February, 1900.—1 W G Laidlaw (Gold's Jack of Hearts—53422); 2 W E H Massey (He's a Daisy of D P F); 3 B H Bull & Son (Golden Star of Brampton). Cow, four years old and upwards.—1 and silver medal, W E H Massey (Distinction of Dentonia—13626); 2 R Davies (Lady Belle D—12530); 3 W E H Massey (Dentonia's 1st—13626); 4 R Davies (Glenora—13626). Cow, three years old.—1 R Davies (Prospect—13618); 2 B H Bull & Son (Dentonia's 1st of Brampton—13221); 3 B H Bull & Son (Dentonia's 1st of Brampton—13221); 4 W E H Massey (Golden Lily—13626). Heifer, two years old.—1 R Davies (Golden Glenfield—13626); 2 R Davies (Golden Glenfield—13626); 3 R Davies (Golden Glenfield—13626); 4 R Davies (Golden Glenfield—13626). Heifer calf, under one year.—1 R Davies (Golden Glenfield—13626); 2 R Davies (Golden Glenfield—13626); 3 R Davies (Golden Glenfield—13626); 4 R Davies (Golden Glenfield—13626).

136313); 4 B H Bull & Son (Beauty 2nd of Brampton). Heifer calf, under one year.—1 R Davies (Distinction's Best—50433); 2 W E H Massey (Phenobelle of Dentonia—146960); 3 D Duncan (Jean's Daisy of Don); 4 W E H Massey (Dentonia's Jenette). Heifer calf, calved after the 1st February, 1900.—1 B H Bull & Son (Monarch's Happy Thought); 2 R Davies (Golden Cinderella); 3 R Davies (Golden Moth); 4 W E H Massey (Lillian Frances of D P F). Four animals, the progeny of one bull, all bred and owned by the exhibitor.—1 R Davies; 2 W E H Massey; 3 B H Bull & Son; 4 D Duncan. Herd, consisting of one bull and three heifers, under two years old, the heifers to have been bred by the exhibitor, and all to be owned by him.—1 R Davies; 2 W E H Massey; 3 B H Bull & Son; 4 D Duncan. 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, all owned by the exhibitor.—1 W E H Massey; 2 R Davies; 3 B H Bull & Son.

HOLSTEINS.—Bull, 3 years old and upwards.—1 and silver medal, G W Clemons, St George (Count Mink Mercedes 22); 2 George Rice, Currie's Crossing (Homestead Albino De Kol—23589); 3 C J Gilroy & Son, Glen Bell (Carmen Sylva's Prince—1150); 4 C M Keeler, Lyn (Judge Akkrum De Kol—20676). Bull, two years old.—1 Rattie Bros, Norwich (Worthenall 3rd Sir Pieterk 1243); 2 Rattie Bros, Norwich (Sir Abbeckerk Posch 1244); 3 C J Gilroy & Son (Jonathan 2nd 1571). Bull, one year old.—1 C J Gilroy & Son (Gillyflower's Paul De Kol—1604); 2 Rattie Bros (Highland of Spring Grove—2530); 3 G W Clemons (Kaatje De Boer 3rd 1822); 4 G Rice (Princess of Norval—2330). Heifer, two years old.—1 C M Keeler (Jewell Sylva 2nd—2195); 2 C J Gilroy & Son (Carmen Sylva 2nd—2852); 3 C J Gilroy & Son (Iona Sylva 2nd—2134); 4 G W Clemons (Daisy Soldine Clothilde—2553). Heifer, one year old, in milk.—1 G W Clemons (Vida Princess—3rd—274); 2 Rattie Bros (Fanny R De Kol—2342); 3 C M Keeler (Gem Lutske 3rd—2254); 4 C J Gilroy & Son (Inka Sylva 3rd—2513). Heifer, one year old, out of milk.—1 Rattie Bros (lanthe Jewel Mathilde); 2 G Rice (Calamity Jane 2nd—19455); 3 G W Clemons (Cornelia Calantha—2365); 4 G Rice (Edgley Frena 2nd—19454). Heifer calf, under one year.—1 C J Gilroy & Son (Carmen Sylva 2nd—De Kol—2880); 2 Rattie Bros (Jonima Worthenall—2710); 3 Rattie Bros (Cornelia—Schuiling—2713); 4 C J Gilroy & Son (Inka Sylva De Kol—2878). Heifer calf, calved after 1st February, 1900.—1 Rattie Bros (Annie Schuiling—2715); 2 C M Keeler (Rideau May); 3 G Rice (Albino Fairmount—2855); 4 G W Clemons (Inka 5th's Pauline—2772). Four animals, the progeny of one bull, all bred and owned by the exhibitor.—1 and 2 C J Gilroy & Son; 3 G W Clemons; 4 G Rice. Herd of one bull and four females, over one year old, owned by the exhibitor.—1 C J Gilroy & Son; 2 G W Clemons; 3 G Rice; 4 Rattie Bros.

PRIZES FOR MILK TESTS.

The Canadian Holstein-Friesian Association donated \$100 for the Industrial Exhibition Association of Toronto, \$50 for the largest producers (products from milk only to be considered) at the Industrial Fair for 1900, divided as follows:—1st, \$75; 2nd, \$50; 3rd, \$25. Only Holsteins competed: 1 C J Gilroy, Glen Bell (Inka Sylva); 2 Rattie Bros, Norwich (Highland Kornelia); 3 George Rice, Currie's Crossing (Winnie 10).

JUDGING COMPETITION.

DAIRY CATTLE.—The best judging of dairy cattle, restricted to farmers or farmers' sons under 25 years of age, judging to be done by score cards or otherwise, together with such written explanation as may be required by the official judges, who will take into consideration the correct placing of animals, the reasons, and quickness in making awards.—1 Percy Clemons, St George; 2 W J Black, Stanton; 3 F R Mallory, Frankford; 4 J A Robertson, Guelph. BEEF CATTLE.—The best judging of fat cattle (same conditions as for dairy cattle)—1 W T Tolton, Walkers; 2 J Russell, Toronto; 3 D S Gardhouse, Highfield; 4 W A Dryden, Brooklin.

SHEEP.

COTSWOLDS.—Ram, two shears and over.—1 A J Watson, Castlederg; 2 Jno Park & Sons, Burgessville; 3 John Rawlings, Ravenswood. Shearling ram.—1 Jno Park & Sons; 2 John Thompson, Unbridge; 3 John Rawlings. Ram lamb.—1 Jno Rawlings; 2 A J Watson; 3 Jno Park & Sons; 4 Jno Rawlings. Two ewes, two shears and over.—1 Jno Park & Sons; 2 A J Watson; 3 T H Shore, Glenworth. Two shearing ewes.—1 Jno Rawlings; 2 Jno Rawlings; 3 Jno Park & Sons; 4 Jno Rawlings. Two ewes, two shears and over.—1 Jno Park & Sons; 2 A J Watson; 3 T H Shore, Glenworth. Two shearing ewes.—1 Jno Rawlings; 2 Jno Rawlings; 3 Jno Park & Sons; 4 Jno Rawlings. Two ewes, two shears and over.—1 A W Smith; 2 J M Gardhouse; 3 J M Gardhouse. Two shearing ewes.—1 J M Gardhouse; 2 A W Smith; 3 Whitelaw Bros. Two ewe lambs.—1 Whitelaw Bros; 2 J M Gardhouse; 3 A W Smith; 4 Whitelaw Bros. One ram, four ewes and two ewe lambs.—1 and 2 A W Smith, Canadian-bred, not shown in other pens, one ram, four ewes and two ewe lambs.—1 J M Gardhouse; 2 Whitelaw Bros. For the best flock, one ram and four ewes, one year and over.—1 A W Smith; 2 J M Gardhouse. For the best four lambs, two rams and two ewes, the sire of one ram lamb to be bred and owned by exhibitor.—1 Whitelaw Bros; 2 J M Gardhouse.

LEICESTERS.—Ram, two shears and over.—1 Whitelaw Bros, Box 570, Guelph; 2 A W Smith, Maple Lodge, Ont; 3 J M Gardhouse, Highfield. Shearling ram.—1 J M Gardhouse; 2 A W Smith; 3 A W Smith. Ram lamb.—1 A W Smith; 2 J M Gardhouse; 3 Whitelaw Bros. 4 Whitelaw Bros. Two ewes, two shears and over.—1 A W Smith; 2 J M Gardhouse; 3 J M Gardhouse. Two shearing ewes.—1 J M Gardhouse; 2 A W Smith; 3 Whitelaw Bros. Two ewe lambs.—1 Whitelaw Bros; 2 J M Gardhouse; 3 A W Smith; 4 Whitelaw Bros. One ram, four ewes and two ewe lambs.—1 and 2 A W Smith, Canadian-bred, not shown in other pens, one ram, four ewes and two ewe lambs.—1 J M Gardhouse; 2 Whitelaw Bros. For the best flock, one ram and four ewes, one year and over.—1 A W Smith; 2 J M Gardhouse. For the best four lambs, two rams and two ewes, the sire of one ram lamb to be bred and owned by exhibitor.—1 Whitelaw Bros; 2 J M Gardhouse.

LINCOLNS.—Ram, two shears and over.—1 J H & E Patrick, Iderton; 2 J H & E Patrick; 3 J T Gibson, Denfield. Shearling ram.—1 J H & E Patrick; 2 J T Gibson; 3 J H & E Patrick. Ram lamb.—1 J H & E Patrick; 2 J H & E Patrick; 3 J T Gibson; 4 J T Gibson. Two ewes, two shears and over.—1 J T Gibson; 2 Wm Oliver, Avonbank; 3 J H & E Patrick. Two shearing ewes.—1 J H & E Patrick; 2 J T Gibson; 3 J H & E Patrick. Two ewe lambs.—1 J H & E Patrick; 2 J H & E Patrick; 3 Wm Oliver; 4 J T Gibson. Pen of Lincolns, one ram, four ewes and two ewe lambs.—1 J H & E Patrick; 2 J H & E Patrick. Pen of Lincolns, Canadian-bred, not shown in other pens, one ram, four ewes and two ewe lambs.—1 and 2 J T Gibson. SHROPSHIRE.—Ram, two shears and over.—1 Jno Campbell, Woodville; 2 D G & J G Hamner, Mt Vernon; 3 Jno Campbell. Shearling ram.—1, 2 and 3 Jno Campbell. Ram lamb.—1, 2 and 3 Jno Campbell. Two ewes, two shears and over.—1 and 3 D G & J G Hamner; 2 Jno Campbell. Two shearing ewes.—1 and 2 Jno Campbell; 3 D G & J G Hamner. Two ewe lambs.—1 and 2 D G & J G Hamner; 3 Jno Campbell; 4 Hillhurst Farm. Pen of Shropshires, one ram, four ewes and two ewe lambs.—1 Jno Campbell; 2 D G & J G Hamner; 3 Pen of Shropshires, Canadian-bred, not shown in other pens, one ram, four ewes and two ewe lambs.—1 Jno Campbell. Best flock of registered Shropshires, one year old and over, one ram and three ewes.—1 and 3 Jno Campbell; 2 D G & J G Hamner. Best flock of four registered Shropshire lambs, one ram and three ewes.—1 and 3 Jno Campbell; 2 D G & J G Hamner. Sweepstakes.—Best ram.—1 Jno Campbell; 2 D G & J G Hamner. Sweepstakes. Best ram lamb.—1 and 2 Jno Campbell. OXFORD DOWNS.—Ram, two shears and over.—1 J H Jull, Mt Vernon; 2 S Evans, Gourock. Shearling ram.—1 J H Jull; 2 S Evans; 3 R J Telfer, Paris. Ram lamb.—1, 3 and 4 J H Jull; 2 S Evans. Two ewes, two shears and over.—1 and 3 S Evans; 2 R S Hine; 3 J H Jull. Two shearing ewes.—1 and 3 J H Jull; 2 R J Hine. Two ewe lambs.—1 and 3 J H Jull; 2 and 4 S Evans. Pen of Oxford Downs, one ram, four ewes and two ewe lambs.—1 J H Jull; 2 R J Hine. Pen of Oxford Downs, Canadian-bred, not shown in other pens, one ram, four ewes and two ewe lambs.—1 S Evans. Yearling ram.—1 S Evans. Yearling ewe.—1 R J Hine. Pen of Oxford Downs, four lambs, either sex.—1 S Evans.

HAMPSHIRE AND SUFFOLK DOWNS. All to Hillhurst Farm. SOUTH DOWNS.—Ram, two shears and over.—1 John Jackson & Son, Abingdon; 2 Robert Shaw & Son, Glenford Station; 3 W E & G L Telfer, Paris. Shearling ram.—1 John Jackson & Son; 2 W E & G L Telfer; 3 R Shaw & Son. Ram lamb.—1 John Jackson & Son; 2 W E & G L Telfer; 3 J T Douglas, Galt; 4 Robt Shaw & Son. Two ewes, two shears and over.—1 and 3 John Jackson & Sons; 2 Robert Shaw & Son. Two shearing ewes.—1 and 2 John Jackson & Sons; 3 Robert Shaw & Son. Two ewe lambs.—1 and 4 John Jackson & Sons; 2 Robert Shaw & Son; 3 T H Douglas. Pen of Southdowns, one ram, four ewes, and two ewe lambs.—1 John Jackson; 2 R Shaw & Son. Pen of Southdowns, Canadian-bred, not shown in other pens, one ram, four ewes and two ewe lambs.—1 John Jackson; 2 T C Douglas. DORSET HORN SHEEP.—Ram, two shears and over.—1 John A McGillivray, Unbridge; 2 R H Harding, Thorncliffe; 3 M N Empey, Napanee. Shearling ram.—1 and 2 John A McGillivray; 3 Jas Bowman, Guelph; 4 J M Empey; 5 and 6 M N Empey; 7 R H Harding. Two ewes, two shears and over.—1 and 2 J A McGillivray; 3 R H Harding. Two shearing ewes.—1 and 3 John A McGillivray; 2 R H Harding. Two ewe lambs.—1 M N Empey; 2 R H Harding; 3 J A McGillivray. Pen of Dorset sheep, one ram, four ewes, and two ewe lambs.—1 John A McGillivray; 2 R H Harding. Pen of Dorset sheep, Canadian-bred, not shown in other pens, one ram, four ewes, and two ewe lambs.—1 M N Empey; 2 John A McGillivray.

MERINOS.

Merinos. Ram, two years.—1 W M & J C Smith, Fairfield Plains. Ram, one year.—3 W M & J C Smith. Ram lamb.—2 and 3 W M & J C Smith. Two ewes, two shears.—1 W M & J C Smith. Two ewes, shearing.—1 W M & J C Smith. Two ewe lambs.—2 W M & J C Smith. Pen.—1 W M & J C Smith. Ram, aged.—2 Robt Shaw & Son, Glenford Station. Ram, shearing.—1 Robt Shaw & Son. Ram lamb.—1 Robt Shaw & Son. Two ewes.—2 Robert Shaw & Son. Two ewe shearings.—1 Robert Shaw & Son. Two ewe lambs.—1 Robert Shaw & Son. Pen.—1 Robert Shaw & Son. Ram, aged.—3 Robert Shaw & Son. Ram, shearing.—2 Robt Shaw & Son. FAT SHEEP.—Two fat wethers, under two years, long-wool breed.—1 J H & E Patrick, Iderton; 2 J G Gibson, Denfield; 3 John Park & Son, Burgessville. Two fat wethers, under two years, short-wool breed.—1 John Campbell, Woodville; 1 D G & J G Hamner, Mount Vernon; 3 W E & G L Telfer, Paris. JUDGING COMPETITION.—1 John A Robertson, Guelph; 2 W A Dryden, Brooklin; 3 D H Galbraith, Orangeville; 4 F R Mallory, Frankford. SWINE. BERKSHIRES.—Boar, over two years.—1 Geo Green, Fairview; 2 Snell & Lyons, Snelgrove; 3 T A Cox, Bramford. Boar, over one and under two years.—1 Geo Green; 2 Snell & Lyons; 3 T A Cox. Boar, over six and under 12 months.—1 and 2 Geo Green; 3 T A Cox. Boar, under six months.—1 Geo Green; 2 and 3 Snell & Lyons. Sow, over two years.—1 T A Cox; 2 Snell & Lyons; 3 Geo Green. Sow, over one and under two years.—1 and 2 T A Cox; 3 Geo Green. Sow, over six and under 12 months.—1 Snell & Lyons; 2 T A Cox; 3 Geo Green. Sow, under six months.—1 Geo Green; 2 Snell & Lyons; 3 T A Cox. Best Berkshire boar and two sows, of any age.—1 T A Cox; 2 Geo Green. Boar and four of his get, under six months old, the produce bred and all owned by exhibitor.—1 Geo Green; 2 Snell & Lyons. Sow and four of her produce, under six months old, the produce bred and all owned by the exhibitor.—1 T A Cox; 2 Snell & Lyons. LARGE YORKSHIRES.—Boar, over two years.—1 and 2 Brethour & Saunders, Burford; 3 Flatt & Son, Millgrove. Boar, over one and under two years.—1 Jos Featherston & Son, Streetville; 2 and 3 Brethour & Saunders. Boar, over six and under twelve months.—1 and 3 D C Flatt & Son; 2 Simmons & Quire, Ivan. Boar, under six months.—1 Brethour & Saunders; 2 D C Flatt & Son; 3 Jos Featherston & Son. Sow, over two years.—1 Brethour & Saunders; 2 and 3 D C Flatt & Son. Sow, over one and under two years.—1 D C Flatt & Son; 2 and 3 Brethour & Saunders. Sow, over six and

under twelve months—1 D C Platt & Son; 2 and 3 Brethour & Saunders. Sow, under six months—1 Brethour & Saunders; 2 and 3 D C Platt & Son. Best Yorkshire boar and two sows, of any age—1 Brethour & Saunders; 2 D C Platt & Son. Boar and four of his get under six months old, the produce bred and all owned by the exhibitor—1 Brethour & Saunders; 2 Jos Featherston & Son. Sow and four of her produce under six months old, the produce bred and all owned by the exhibitor—1 Brethour & Saunders; 2 Jos Featherston & Son.

TAMWORTH.—Boar, over two years—1 and 3 John C Nichol; Hubbard; 2 A Elliot & Son; Parkhill. Boar, over one and under two years—1 Colwill Bros, Newcastle; 2 A Elliot & Son; Galt; 3 John C Nichol. Boar, over six and under twelve months—1 John C Nichol; 2 A Elliot & Son; 3 J R Newell & Son, Crampton. Boar, under six months—1 J Hord & Son; 2 and 3 J C Nichol. Sow, over two years—1 and 2 J C Nichol; 3 J Hord & Son. Sow, over one and under two years—1 W M Smith, Fairfield Plains; 2 Colwill Bros; 3 J R Newell & Son. Sow, over six and under twelve months—1 Colwill Bros; 2 A Elliot & Son; 3 J C Nichol. Sow, under six months—1, 2 and 3 John Nichol. Best Tamworth boar and two sows, of any age—1 J C Nichol; 2 Colwill Bros. Boar and four of his get, under six months old, the produce bred and owned by exhibitor—1 J C Nichol; 2 Colwill Bros. Sow and four of her produce under six months old, the produce bred and all owned by the exhibitor—1 J C Nichol; 2 J Hord & Son.

POLAND-CHINAS.—Boar, over two years—1 and 2 W M & J C Smith, Fairfield Plains; 3 Elgin Malcolm, Scotland, Ont. Boar, over one and under two years—1 Elgin Malcolm; 2 and 3 W M & J C Smith. Sow, over six and under twelve months—1, 2 and 3 W M & J C Smith. Sow, over two years—1 and 2 W M & J C Smith; 3 E Malcolm. Sow, over one and under two years—1 and 2 W M & J C Smith; 3 E Malcolm. Sow, over six and under twelve months—1, 2 and 3 W M & J C Smith. Sow, under six months—1, 2 and 3 W M & J C Smith. Best Poland-China boar and two sows, of any age—1 and 2 W M & J C Smith. Boar and four of his get under six months old, the produce bred and all owned by exhibitor—1 and 2 W M & J C Smith. Sow and four of her produce under six months old, the produce bred and all owned by the exhibitor—1 and 2 W M & J C Smith.

CHESTER WHITES.—Boar, over two years—1 and 2 H George & Sons, Crampton; 3 H E George, Crampton. Boar, over one and under two years—1 and 2 H George & Sons; 3 H E George. Boar, over six and under twelve months—1 and 3 H George & Sons; 2 W E Wright, Glanworth. Boar, under six months—1 and 2 H George & Sons; 3 H E George. Sow, over two years—1 and 2 H George & Sons; 3 H E George. Sow, over one and under two years—1 and 2 H George & Sons; 3 H E George. Sow, over six and under twelve months—1 W E Wright; 2 and 3 H George & Sons; 3 H E George. Best Chester White boar and two sows, of any age—1 and 2 H George & Sons. Boar and four of his get, under six months old, the produce bred and all owned by exhibitor—1 H George & Sons; 2 H E George. Sow and four of her produce under six months old, the produce bred and all owned by exhibitor—1 H George & Sons; 2 H E George.

DUROC-JERSEYS.—Boar, over two years—1 W N Tape, Bentpath; 2 Tape Bros, Ridgeway. Boar, over one and under two years—1 Tape Bros; 2 W N Tape. Boar, over six and under twelve months—1 W N Tape; 2 Tape Bros. Boar, under six months—1 Tape Bros; 2 and 3 W N Tape. Sow, over two years—1 Tape Bros; 2 W N Tape. Sow, over one and under two years—1 W N Tape; 2 Tape Bros; 3 W M Smith, Fairfield Plains. Sow, over six and under twelve months—1 W N Tape; 2 Tape Bros; 3 W M Smith. Sow, under six months—1 W N Tape. Best Duroc-Jersey boar and two sows, of any age—1 W N Tape; 2 Tape Bros. Boar and four of his get under six months old, the produce bred and all owned by exhibitor—1 W N Tape. Sow and four of her produce under six months old, the produce bred and all owned by exhibitor—1 Tape Bros.

OTHER DISTINCT BREEDS.—Boar, over one and under two years—1 Jos Featherston & Son, Streetsville. Boar, over six and under twelve months—1 Jos Featherston & Son. Boar, under six months—1 J Hord & Son; Parkhill; 2 and 3 Jos Featherston & Son. Sow, over one and under two years—1 and 3 J Featherston & Son; 2 J Hord & Son. Sow, over six and under twelve months—1 T A McClure, Meadowdale; 2 J Hord & Son; 3 Jos Featherston & Son. Sow, under six months—1 Jos Featherston & Son; 2 J Hord & Son. Best boar and two sows of the same breed, of any age—1 Jos Featherston & Son; 2 J Hord & Son.

EXPORT BACON HOGS. For the best pen of four pure-bred hogs, most suitable for export bacon—1 D C Platt & Son, Millgrove; 2 Brethour & Saunders, Burford; 3 R F Duck & Son, Port Credit; 4 Colwill Bros, Newcastle; 5 Joseph Featherston & Son, Streetsville. For the best pen of four hogs of any breed, cross or grade, most suitable for export bacon—1 D C Platt & Son; 2 Brethour & Saunders; 3 R F Duck & Son; 4 Colwill Bros; 5 Jos Featherston & Son.

GOSSIP. Messrs. Dalgety Bros., London, Ont., have landed a large consignment of Clyde-dale stallions from Scotland, which they offer for sale elsewhere in this issue. From Sept. 20th to the 27th they will be stabled at the Black Horse Hotel, Toronto, and after that date at the Fraser House, London. See Messrs. Dalgety's advertisement.

Weighing Live Stock. One of the necessities of every well-equipped farm is a platform scale for weighing live stock. Selling animals by mere guess-work as to weight will soon be a thing of the past, as it should be. It is also important to weigh cattle occasionally as they are being fed, to ascertain what progress they are making upon the food consumed. In the connection with the above, the reader is directed to the "Machinery" advertisement which appears in this issue by Mr. J. B. DeLoraine, of Stouffville, Ont., an attachment by which the capacity of ordinary platform scales can be increased to weigh the heaviest of animals, weighing up to three tons. It is well worth the attention of construction, and is a very simple and convenient, taking up very little space.

NOTICES.

Practical Learning by Mail.—Ambitious mechanics who desire to obtain better positions and higher wages should investigate the many advantages afforded by the correspondence method of instruction in the theory of the trades and engineering professions. Without leaving home or losing time from work, the student pursues a course of study under the direction of instructors who are always ready and willing to assist him. Instruction papers, prepared especially for teaching by mail, are furnished free. These papers are written in clear and concise language, as free as possible from technicalities so prevalent in many of the ordinary text-books on the subjects on which they treat. In addition, special information regarding any difficulties in their studies is furnished students without extra charge. It should be the ambition of every man to advance in his trade or profession. A mechanic with practical experience, supplemented by theoretical education, can command a better position than a man without such an education, and teaching by mail, rightly conducted both by teacher and learner, meets the requirements of men who have but little time for study.

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THE COUNTRY DEMANDS
A CHANGE IN THE COLOR
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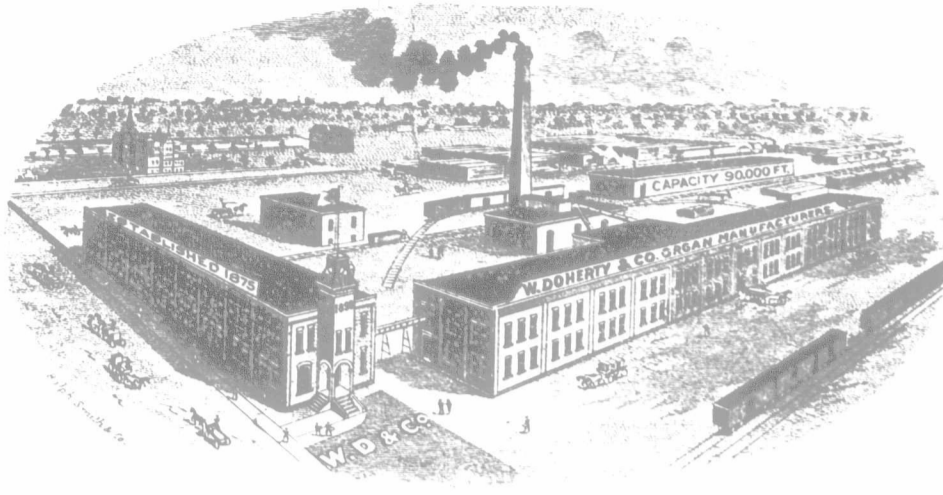
Covers well—
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The Gurney Foundry Co., 153 and 155 Lomb Street, Winnipeg, Man., dealers in stoves, furnaces, etc., advertise in this issue their celebrated "Oxford" Hot Air Blast Heater. They consider this one of the most economical and powerful heaters in the market. It burns every kind of soft and hard coal, and on account of the care used in its construction requires little looking after to keep a steady fire. Information regarding any of the makes of stoves, ranges, etc., that they handle, gladly furnished to any one dropping them a card.



W. A. Doherty & Co.
ORGAN
MANUFACTURERS.

Clinton, Ontario, Canada.
The Largest Reed Organ
Factories in Canada.
Established 1875.
Send for Catalogue.



Mr. Abram Ruddle, Hespeler, Ont., offers well-bred, lusty Shropshires for sale in this issue.


James Smith, Manager Trout Creek Stock Farm, Millgrove, Ont., writes: "Numerous sales have been made from the Trout Creek herd since our Chicago sale. Among others, twenty-two cows and heifers and five bulls to Mr. G. C. Cary, Vermont, U. S. A. These are a very useful lot, and will be a great acquisition to Mr. Cary's already large herd. The importation now in quarantine will compare favorably with any of our former importations both as to pedigree and individual merit. This lot, with eighteen heifers purchased from Mr. Duthie, will bring our total up to eighty head."

Disc Harrows—Steel Land Rollers.—T. E. Bissell, Fergus, Ont., makes a specialty of disc harrows and steel-drum land rollers, which they advertise in this issue. The merits of the harrow are acknowledged, and this implement is more and more used, because it does good work rapidly and easily. Steel-drum land rollers cannot check nor rot with the weather. See Mr. Bissell's advertisement and write for catalogue.

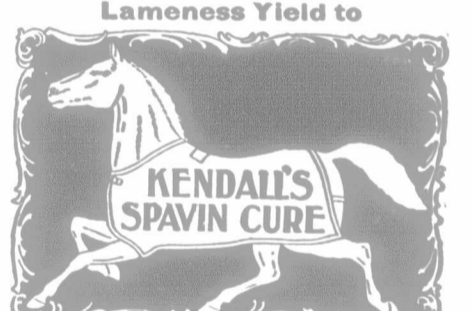
Fifty Years Training Young Men and Women.—The present year marks the fiftieth anniversary of the Detroit Business University. Its graduates are leading merchants, manufacturers, bank cashiers, lawyers, men in places of honor and public trust; young and middle-aged women filling most responsible and honorable positions, independent and self-respecting. Many very desirable positions have been secured by the Detroit Business University for its graduates. No institution and city in the country offers such facilities for the student as the Detroit Business University and Detroit. If you are interested in securing for yourself and others a thoroughly practical business education, it will pay you to acquaint yourself with the superior advantages offered by the institution that has had half a century's experience in training young men and women for practical business life.

SPRINGBANK FARM.
Shorthorn Cattle, Oxford Sheep, and Bronze Turkeys. Young bulls for sale.
on **JAS. TOLTON, WALKERTON, ONT.**

SPRING GROVE STOCK FARM
Shorthorn Cattle and Lincoln Sheep. Herd prize and sweepstake at Toronto Industrial Exhibition, 1897, and 1898. Herd headed by Topsman—17847—, champion at Winnipeg, Toronto, London and Ottawa, 1892. High-class Shorthorns of all ages for sale. Also prize-winning Lincolns.
Apply
T. E. ROBSON, Ilderton, Ont.



Spavins, Ringbones, Splints
Curbs, and All Forms of
Lameness Yield to



Works thousands of cures annually. Endorsed by the best breeders and horsemen everywhere. Price, \$1; six for \$5. As a liniment for family use it has no equal.

West Lorne, Ontario, Can., Dec. 14, 1898.
DR. B. J. KENDALL CO.
Dear Sirs: A year ago I had a valuable horse which got lame. I took him to the Veterinary Surgeon who pronounced it **Oscut spavin** and gave me little hope, although he applied a sharp blister. This made matters only worse and the horse became so lame that it could not stand up. After trying everything in my power I went to a neighbor and told him about the case. He gave me one of your bottles and I studied it carefully and being resolved to do the utmost in favor of my beast, went to the nearest drug store and got a bottle of your Spavin Cure and applied it strictly according to directions. Before the first bottle was used I noticed an improvement, and when the seventh bottle was about half used, my horse was completely cured and without leaving a blemish on him. After ceasing treatment I gave the horse good care and did some light work with him, wishing to see if it had effected a cure. I then started to work the horse hard and to my entire satisfaction he never showed any more lameness through the whole summer. I can recommend Kendall's Spavin Cure not only as an excellent, but as a sure remedy, to any one that it may concern. Yours truly,
SAMUEL TRITTEN.

Ask your druggist for Kendall's Spavin Cure, also "A Treatise on the Horse," the book free, or address
DR. B. J. KENDALL COMPANY, ENOSBURG FALLS, VT.

Shorthorns for Sale.
12 FEMALES, from 1 to 7 years old, descended from Red Knight (53512), Hopeful (55903), Crown Prince 10437, Canada 18536, and Riverside Stamp 25589, on a Crimson Flower and Stamford foundation. All in good breeding form.
WM. SHIER,
SUNDERLAND, ONT.

Bonnie Burn Stock Farm
Forty rods north of Stouffville station, Ont., offers for sale Shorthorn bull calves and yearling heifers, Shropshire lambs and shearlings (both sexes), on **D. H. RUSSELL, Stouffville, Ont.**

Pure Scotch Shorthorns for Sale. Two bulls and fifteen months old, and three two-year-old and two one-year-old heifers. All right. Good ones. Meadowdale station, C. P. R. **S. J. PEARSON & SON, Meadowdale.**

W.D. FLATT

Hamilton, Ont., Can.,

IMPORTER AND BREEDER OF

Shorthorn Cattle.

MY herd is one of the largest in America, both imported and Canadian-bred. A very choice importation of 27 head now in quarantine and due out Oct. 11. New catalogue of the herd ready for distribution Oct. 1. Address all communications to

James Smith, Mgr.,

MILLGROVE, ONT.

R. R. Station and Telegraph, Hamilton, on main line Grand Trunk R. R.

R. & S. NICHOLSON

SYLVAN P. O., PARKHILL STATION. Scotch Shorthorns, imp. and home-bred. The Imp. Clipper bull, Chief of Stars, heads the herd. Nine bull calves for sale, 8 to 10 mos. old (extra good ones), sired by Royal Standard. Inspection invited.

SPRINGHURST SHORTHORNS.

The herd is largely of Cruickshank and other Scotch sorts, and is headed by the Inverquhomery-bred bull, Knuckle Duster (imported) (72733). Herd has furnished the Fat Stock Show champion three times in the last five years.

Choice young stock (both sexes) for sale.

H. SMITH, HAY, ONT.

Exeter Station on G. T. R., half a mile from farm.

CONTAGIOUS ABORTION

HAS BEEN CURED BY

WEST'S FLUID

In several of the finest herds of prize stock in the country; but as it would injure the reputation of the breeders, they will not give written testimonials. These statements are facts.

Write for circular on this disease, specially prepared by a V. S.

Headquarters for "STANDARD" Sheep Dip. Manufacturers: **The West Chemical Company,** Agents Wanted in TORONTO, ONT.

R. MITCHELL & SON,

Burlington Jct. Station, Nelson, Ontario,

Breeders and importers of

SCOTCH SHORTHORNS,

Offer for sale:
12 Canadian-bred females.
11 Imported females.
4 Imported bulls.
7 Canadian-bred bulls.

Shorthorns and Leicesters.

Herd Established 1855.

A number of young bulls, cows and heifers for sale. Herd headed by imported Christopher 28859, and Duncan Stanley = 16364 =. Grand milking cows in herd. Also a number of Leicesters of both sexes, from imported foundation.

JAMES DOUGLAS, CALEDONIA, ONT.

JAS. DORRANCE,

SEAFORTH, ONTARIO,

BREEDER OF
Shorthorn Cattle and Berkshire Pigs

Young stock always for sale.

HAWTHORN HERD

OF DEEP-MILKING SHORTHORNS.

We are offering 5 young bulls for sale of first class quality, and all bred to the best of the breed.

Wm. Geddes & Son, London, Ontario.

AS WE ARE BREEDING FOR THE FUTURE, we are offering for sale

BREEDING STOCK

consisting of 2000-2500 lbs. of Scotch Shorthorn Bulls, Cows and Heifers, and 2000-2500 lbs. of Leicesters, all bred to the best of the breed.

W. R. BOWMAN, M.L. FRANK, ONT.

GOSSIP.

At the coming Pan-American Exposition to be held in Buffalo in 1901, the poultry section will be held some time in October. This will suit Canadian exhibitors.

Mr. L. G. Jarvis, the well-known poultry judge, and his family have moved back to Canada again, and are now residents of Montreal, where Mr. M. P. Jarvis has found occupation in a more lucrative position than he held at the Uplands Poultry Farm, Maryland.

By order of the Board of Agriculture, eighty eight animals were slaughtered on Thursday at Trellewell farm, in the parish of Rhuddlan, North Wales, in consequence of an outbreak of foot-and-mouth disease. The police are guarding the farm, and the preventive measures adopted are very rigid, and several officials of the Board of Agriculture are investigating the cause of the outbreak.

The death took place of Mr. W. H. Maxwell, of Munches, Kirkcudbrightshire, one of the oldest and best-known stock-breeders and agriculturists in the south of Scotland. Mr. Maxwell, who was in his 83rd year, was a prominent man in the live-stock industry. He deceased was always a staunch supporter of the Galloway breed. He presided on many occasions at the annual meetings of the Society, and for many years was a constant figure at the Galloway ring in the showyard of the Highland and Agricultural Society, of which body he was also for several years a director.

OFFICIAL RECORDS OF U. S. HOLSTEIN-FRIESIAN COWS.

During August, 1900, fourteen official tests have been reported to me. Every practical dairyman will recognize that this is a surprisingly large number under the unfavorable conditions of intense summer heat. One indicates nearly nineteen pounds of butter at 80 per cent. of fat to the pound, and a 2-year-old heifer produces over 16 pounds. Summarized, the records are as follows: Two full-age cows, average 5 years 8 months 22 days old; 38 days after calving: Milk, 405.9 pounds; butter-fat, 13.900 pounds; equivalent to 17 lbs. 6 ozs. butter 80 per cent. fat, or 16 lbs. 3.5 ozs. 85.7 per cent. fat. Six cows (3-year-olds), average 3 years 8 months 22 days old; 44 days after calving: Milk, 367 pounds; butter-fat, 11.348 pounds; equivalent to 14 lbs. 3 ozs. butter 80 per cent. fat, or 13 lbs. 3.9 ozs. 85.7 per cent. fat. Six cows (two-year-olds), average 2 years 3 months old; 20 days after calving: Milk, 349.3 pounds; butter-fat, 10.480 pounds; equivalent to 13 lbs. 1.6 ozs. butter 80 per cent. fat, or 12 lbs. 3.6 ozs. 85.7 per cent. fat. S. HOXIE, Superintendent Advanced Registry, Yorkville, N. Y.

CALL FOR WEST HIGHLAND SHEEP BY A FARMER'S ADVOCATE ADMIRER.

Mr. Robert Elliot, of Chateaugay Co., P. Q., under date of Sept. 4th, writes us as follows: "I have read the article entitled, 'Some Old Country Breeds of Live Stock which Might Profitably be Introduced into Canada,' by J. G. Davidson, in the September number, and write to you with regard to the Black-faced sheep of the West Highlands. I purchased six of that breed last winter. The flock contains one old ram, one yearling ram, one aged ewe, two two-year-old ewes, and one yearling ewe. The two two-year-old ewes had a lamb each this spring, a ram and ewe, and one of the ewes sickened and died during the summer; the lambs have done well. I wish to part with the two rams and buy a new one. Can you tell me if any of your correspondents or subscribers have the breed, and how I could sell my own? I would like to find a purchaser for mine before I buy myself. They were imported by Henry Morgan, of Montreal. I have been a subscriber to your paper for nearly a year, and find it all a farmer could require. Hoping I have not taken up too much of your time, I will now close. Kindly awaiting your reply, I remain, "ROBERT ELLIOT."

[EDITORIAL NOTE.—Any person having West Highland sheep would find it of decided advantage to make the fact known through our columns. We would be glad to hear from anyone who can be of help to Mr. Elliot in this matter.]

Maple Lodge Stock Farm

ESTABLISHED 1854.

SHORTHORNS—An excellent lot of young bulls, and a special value in young cows and heifers in calf to our imported Knuckle Duster.

LEICESTERS—Imported and home bred—the best.

ALEX. W. SMITH, MAPLE LODGE P. O., ONT.

SHORTHORN CATTLE AND LINCOLN SHEEP.

Imp. The Baron at head of herd. Seven young bulls for sale—good ones. Also a few females. Stud rams all imported from H. Dudding, Esq.; the same blood as the 1000-guinea ram.

J. T. GIBSON, DENFIELD, ONT.

SCOTCH SHORTHORN BULLS AND HEIFERS

HERD ESTABLISHED IN 1872.

Such sires as imported Royal George and imported Warfare have put us where we are. Imported Blue Belgian now heads herd.

A. & D. BROWN, BELGIAN COUNTY, IONA, ONTARIO.

Herefords for Sale.

1000-2500 lbs. of Scotch Shorthorn Bulls, Cows and Heifers, and 2000-2500 lbs. of Leicesters, all bred to the best of the breed.

The Stone Stock Co., Guelph, Ont., Can.

H. CARGILL & SON,

CARGILL, ONTARIO, CANADA.

WE have the largest herd of Cruickshank and Scotch-bred imported cattle in Canada. Herd headed by the Duthie-bred Golden Drop bull, imp. "Golden Drop Victor," assisted by the Marr-bred Princess Royal bull, imp. "Prince Bosquet." The herd will be augmented about 4th August by a fresh importation of fifty-two head, personally selected by Sylvester Campbell, of Kinellar, an expert judge both as to individuality and pedigree. The cattle in this lot will compare very favorably with any lot yet imported. All females of suitable age are bred to the very best bulls obtainable. Correspondence or personal inspection invited. Catalogue and service list upon application.

Cargill Station is on the Farm, Half a Mile from Barns, and 70 Miles North-west of Guelph. See Catalogue for Map.

W. G. Pettit & Son,

FREEMAN, ONT.

IMPORTERS AND BREEDERS OF
Scotch Shorthorns
and Shropshire Sheep

OFFER FOR SALE:
20 Imp. bulls.
40 Imp. cows and heifers.
6 Home-bred bulls.
30 Home-bred cows and heifers.
7 Shearling rams.
20 Ram lambs.
25 Ewe lambs.
Burlington Junction Station, Telegraph and Telephone Offices, within half a mile of farm.

Our importation of this year arrived home August 17th, and is one of the largest made this year, selected by ourselves from the leading herds in Scotland.

Our new Catalogue, with full information, is now ready to mail.

The Breed THAT FIRST MADE Hillhurst Famous
THE HIGHEST-PRICED
SHORTHORN FEMALES

Ever sold in Great Britain and the sire and dam of the 4,500-guinea Duke of Connaught were bred at Hillhurst. To-day "Joy of Morning," the highest-priced Scotch-bred bull ever imported to Canada, and "Scotch Hero," brother in blood to the Royal champion "Marengo," are in service in a herd of 65 Scotch and Scotch-topped Shorthorns in a hilly limestone district, where cool summers, green pastures and winter food more closely approach Aberdeenshire conditions than any other part of the continent. **HAMPshire DOWN and SHROPshire SHEEP.**

M. H. COCHRANE,

HILLHURST STATION, COMPTON CO., P. Q.

SCOTCH SHORTHORNS.

100 head to select from.
Imp. Diamond Jubilee = 2861 = at the head of the herd. 25 grand young bulls, and cows and heifers of all ages, of the most approved breeding. (See our exhibit at Toronto and London exhibitions.)

T. DOUGLAS & SONS, Strathroy Station and P. O. Farm 1 mile north of the town.

90 HEAD

High-quality, Early-maturing
Herefords
Prizewinners.
Young bulls, cows, heifers.



The blood of "Corrector," "Eureka," "Ancient Briton," and "Rupert," on an "Anxiety" foundation. Send for illustrated catalogue.

H. D. SMITH, COMPTON, QUE.

HEREFORDS FOR SALE.

THE HERD of upwards of 90 head of registered animals; contains the blood of the best English herds, with imported True Briton and Likely Lad at the head. Stock of both sexes and all ages for sale. Correspondence or a personal visit invited.

A. S. HUNTER, DURHAM, ONT.

BROOKBANK

Is headquarters for Holstein bulls. They are going fast; be quick if you want one. In writing, state age, etc., preferred.

GEO. RICE, Currie's Crossing, Ont.

Maple Glen Stock Farm.

The home of officially tested, Advanced Registry, dairy test and showing-winners. A grandson imp. herd of SYLVIA HOLSTEINS, of Carmel Sylvia now for sale. Price is in keeping with breeding and performances.

C. J. GILROY & SON, Brockville, on C.P.R. or G.T.R. Glen Buell, Ont.

OWING TO DROUTH

will sell five Holstein-Friesian heifers, two or three years old, for \$350. Fine animals, of rich breeding, and bred to the great butter-bred bull, Johanna Rue 2nd's Paul De Kol (21724), at head of our herd. Also bulls, sires at reduced prices. Fine chance to start new or improve old herds.

SOUTH SIDE FARM CO., ST. PAUL, MINN.



Sheep Dip

AND ANIMAL WASH.

A NON-POISONOUS LIQUID "DIP."

Kills Ticks. Kills Red Lice. Heals Wounds.

Greatly Improves quality of WOOL.

For Horses, Cattle, and Pigs. Removes all insects. Thoroughly cleanses the skin.

Leading "STOCKMEN" endorse it as the CHEAPEST and most EFFECTIVE "Dip" on the market.

SOLD BY ALL DRUGGISTS, 50 cents PER QT. Special rates in larger quantities.

MADE ONLY BY

THE PICKHARDT RENFREW CO., LIMITED, STOUFFVILLE, ONT.

Shropshires for Sale

Rams and ewes of good breeding, fine lusty fellows. Prices reasonable.

ABRAM RUDELL, HESPELER, ONT.

Maple Hill Holstein-Friesians

SPECIAL OFFERING.

Bull calf 8 months old, sired by DeKol 2nd's Paul DeKol Duke. Bull calf one week old, sired by Daisy Teake's King. Also several fine females, all ages.

G. W. CLEMONS, HARRISBURG ST., ST. GEORGE P. O., ONT.

PLEASE MENTION FARMER'S ADVOCATE.

WE WANT TO SELL A FEW

Holstein Heifers, coming 2 years old
THEY are of the richest and largest producing strains, fine individuals, and bred to as good bulls as there are living. We have a few bull calves and yearling bulls also for sale.

HENRY STEVENS & SONS.
LACONA, OSWEGO CO., N. Y.

TO THOSE WANTING

A SURE PRIZEWINNING BULL
to head their Jersey herd, I offer

Prince of Belvedere 11655

5 years old, solid bronze fawn. Dam, 17 1/2 lbs. butter a week; sire's dam, 20 lbs. 6 ozs. a week. Also, Golden Fawn Cow, 5 years, superb udder, grand butter record. Also a Young Stock, both sexes and rare quality.

MRS. E. M. JONES,
Box 324, BROCKVILLE, ONT.

GLEN ROUGE JERSEYS.

WILLIAM ROLPH, Markham, Ont., offers twelve Jersey Bulls and Heifers (pure St. Lamberts), out of tested cows. Grand individuals. Prices right.

FOR SALE.

6 YEARLING JERSEY BULLS.
sired by Brampton's Monarch (imp.), and from tested cows; also registered and high-grade springer.

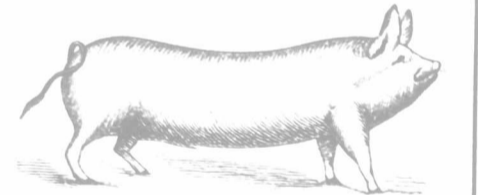
B. H. BULL & SON, BRAMPTON, ONT.

SHOW AYRSHIRES FOR SALE.

As we are not going to show any cattle at the fairs this year, we will sell the imported prizewinning bull, Napoleon of Auchenbrain, champion and head of first prize herd at Toronto, 1898. Also first-class 2-year-old bull and three choice bull calves of last fall. These are all fit for the showing, as we kept them for that purpose. For prices and particulars come and see, or write, James Boden, Mgr., St. Anne de Bellevue, Quebec.

Maple Cliff Dairy and Stock Farm.

Breeders of FOR SALE:
AYRSHIRES, 1 yearling and 6 bull calves from 2 to 8 months old.
TAMWORTHS, Boars and sows, 6 to 8 months old, and sucking pigs.
BERKSHIRES, Booking orders for young pigs.
R. REID & CO., Hintonburg,
Farm 1 mile from Ottawa. Electric cars to farm, om.



This is the ideal bacon hog—160 to 200 lbs. live weight. Yorkshire and Berkshire crosses make the best bacon hogs.

GUARANTEED:
PURE LARD, 99.78%
WATER, 0.22%
LARD is the finest Lard in this country, guaranteed pure. Ask your grocer distinctly for it, and all other goods with same brand are guaranteed by us.
At our Store, next Post Office, you get all kinds of choice cured and fresh pork products, choicest Sausage and Bologna.

THE CANADIAN PACKING CO.,
P. O. BOX 392, LONDON.

Bigger Profits
Your Cheese and Butter making will pay you bigger profits if you use WINDSOR SALT—pure, soluble, even crystals. Economical to use.
THE Windsor Salt Co., Limited,
WINDSOR, ONT.

PLEASE MENTION FARMER'S ADVOCATE.

GOSSIP.

The Scottish Farmer, noting the record of the recent Platt sale, states that it is all right for the breeders of Scotch Shorthorns, and should give a send-off to the late Old Country sales.

Mr. Robt. Beith, Bowmanville; Prof. W. G. Carlyle, B. S. A., Wisconsin State University; and Prof. J. A. Craig, Iowa Agricultural College, have been appointed to judge the Clydesdale horses at the December Show in Chicago this year.

Henry Glide, of Sacramento, will exhibit at the California State Fair twenty-five Rambouillet sheep, the pick of those at the Paris Exposition, and selected by him. The Glide flocks number 10,000 sheep, and Mr. G. annually sells over 2,500 rams from his Sacramento, Yolo and Solano farms, many going to Europe, Australia and South Africa. Gen. Joubert was about visiting Mr. Glide, to select stock, when the Boer war broke out.

It is stated that foot-and-mouth disease has become very prevalent in France, its extension in recent months having been extremely rapid. Fairs and markets have had to be closed in the infected districts, and the movements of live stock have been restricted. The widespread character of the attack has stirred up the authorities to the exercise of vigorous measures, which have already had a good effect.

Appearances are sometimes about as deceptive with dairy cows as with other classes of stock. Of this a striking illustration is afforded by the photograph of the Shorthorn cow which so creditably acquitted herself at the milking trials in connection with the recent show at Tring (Eng.), where she produced a very fine yield of 4 1/2 lbs. of butter in a day. The photo of this cow would not lead one to regard her as likely to possess anything like special superiority at the pail. She possesses a fair-sized and well-carried udder, but she has by no means the great depth and width in quarters which one naturally looks for in a heavy milker. For a cow capable of producing over six gallons of milk in a day, she is disappointingly light behind, being very short from the hip to the tailhead, and lacking in depth and fullness in the hind quarters. The cow is eight years of age. She produced during the day 6 1/2 gallons of milk and 4 1/2 lbs. of butter, or an average of 1 lb. of butter to every 1 1/2 gallons of milk.

JAMES DOUGLAS' SHORTHORN CATTLE AND LEICESTER SHEEP.

It will be remembered that when Mr. James Douglas, of Caledonia, Ont., disposed of the bull, Duncan Stanley, to his breeders, Messrs. W. & J. Russell, his stall was at once occupied by imp. Christopher (2833) by Earlbarator (6347), and out of Fairy Girl, by Gravesend, tracing to the Fair Queen and Lovely tribes. Shortly after his importation by Messrs. Cargill, we had the pleasure of seeing him, and again at a recent date. Christopher has grown into a bull of smooth proportions, with excellent character, and as a few of his calves were on hand when we called, we had an opportunity of seeing that our predictions of a year ago were well fulfilled. He is mating admirably on Duncan Stanley's daughters, and visitors to the farm will at once be impressed with the quality of the low-set, thick-fleshed calves owning Christopher as their sire. Uniformity of quality appears to be one of their strong features; yet we perhaps can attribute this all to one generation, as the Caledonia herd is perhaps one of the oldest and strongest bred in Canada. The best bulls in their day have been employed here, and many of the highest types of sires have gone out from this herd to do service. When we called, Mr. Douglas had a splendid bunch of 14 Duncan Stanley yearling heifers, a number of which are included in his offerings. Thirty-five or more breeding cows are constantly kept on hand in good breeding condition, and a good lot of calves of both sexes may always be found. A few choice Leicester shearing rams and ewes and this season's crop of lambs are held for sale. See Mr. Douglas' offerings in another column.

FLEMING'S LUMP JAW CURE
TRADE MARK
LUMP JAW
QUICKLY CURED.

A case of lump jaw in your herd means immediate loss; it may mean the infection of the rest of your herd; it may result in the distribution of the germs all over your pastures. All loss and danger can be positively averted by prompt use of

Fleming's Lump Jaw Cure

The only radical cure known. Is endorsed by the most prominent ranchers and shippers of the continent. Easy to use. Is applied externally. One to three applications cure. Leaves jaw sound and smooth. Cannot harm in any way. One bottle usually cures two or three ordinary or one severe case. Price \$2.00. Sold by druggists. Can be sent anywhere by mail.

Money cheerfully refunded if the remedy ever fails.
FREE—Some important reports and an illustrated treatise on Lump Jaw. Write for them.

FLEMING BROS., Chemists,
St. George, Ont.

Ayrshire Bulls: Write to J. YULL & SONS, Carleton Place,

for special prices on Ayrshire bulls from 14 years to 6 months. Four over 15 months, fit for service, from special milking stock. Sired by prize bull, Jack of Burnside—1681—also females of all ages. Shropshire sheep of all ages; a number of fine ram lambs. Berkshire pigs of either sex, of the best bacon type. B. P. Rocks.

Ayrshires, Guernseys, Yorkshires and Shropshires are our leaders.



ALL high-class, pedigreed stock. Those desirous of purchasing thoroughbred animals should write for particulars at once. Orders booked now in rotation for present and future deliveries. Address—



ISALEIGH GRANGE FARM, Danville, Quebec.
J. N. GREENSHIELDS, Prop. T. D. MCCALLUM, Mgr.

Rapids Farm Ayrshires.

REINFORCED BY A RECENT IMPORTATION of 21 cows, 2 bulls, and a number of calves, selected from noted Scotch herds, and including the male and female champions at leading Scottish shows this year. Will be represented at the Exhibitions at—

... Toronto, London, and Ottawa, in September.

Do Not Fail to See Them. Young Bulls and Heifers for Sale, bred from High-class Imported Stock.

Robert Hunter, Manager
for W. W. Ogilvie Co., Lachine Rapids, Quebec.



W. C. EDWARDS AND COMPANY,
IMPORTERS AND BREEDERS



NORTH NATION MILLS, P. Q.
Ayrshires, Jerseys, Shropshires, Berkshires

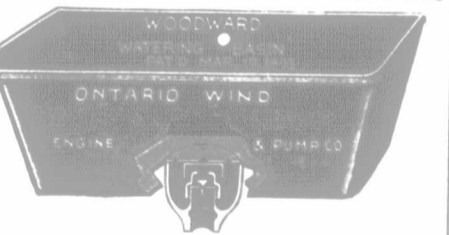
Pine Grove Stock Farm, ROCKLAND, ONTARIO.

Our excellent aged herd of Ayrshires is headed by our noted imported bull Cyclone. Tam Glen heads the young herd, and Fawn's Son 2nd of St. Anne's heads the Jerseys. The young stock are all from time-tried dams.

Scotch Shorthorns and Shropshires.
The imported Missie bulls, Marquis of Zenda and Scottish Pride, at the head of herd, assisted by British Knight. We have a few extra good young bull calves that will be ready for the coming season.

A. E. SCHRYER, Manager. JOS. W. BARNETT, Manager.
We can be reached either by steamboat, the C. P. R., or C. A. R.; the C. A. R. making connection with the G. T. R. at Coteau Junction. Rockland is our station on all lines. 7-1-y-om—

WATER BASINS Will Pay for Themselves.



Point 2. Your stock, having water always when required, give richer and larger yield of milk. Saves labor of man, and avoids all accidents, especially in winter time.

Point 3. (See next issue.)
Ontario Wind Engine & Pump Co. LIMITED.
TORONTO.

EUROPEAN ADVERTISEMENTS.

FAMOUS ALL OVER THE WORLD.
ALFRED MANSELL & CO.,
LIVESTOCK AGENTS AND EXPORTERS,
SHREWSBURY.

BRITISH STOCK selected and shipped to all parts of the world. Write for prices to ALFRED MANSELL & CO., Shrewsbury, England, or to our American representative, Robert Miller, Stouffville, Ont., Canada.

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

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

Address: FITZALAN HOUSE, ARUNDEL ST., STRAND, LONDON W. W.
Cables—Sheepcote, London.

SHROPSHIRE RAMS AND RAM LAMBS

From Tanner, Minton and Bradburn foundation. Uniform and first-class in quality, size and covering.

ESTATE JAS. COOPER,
Kippen 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.

SEND FOR PAMPHLET.
SOLD BY ALL DRUGGISTS.

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

Shropshire Rams and Ewes

Newly imported from the greatest English breeders. Home-bred rams and ewes of best quality. Scotch Shorthorns and Clydesdale horses for sale at moderate prices, and in large numbers, by

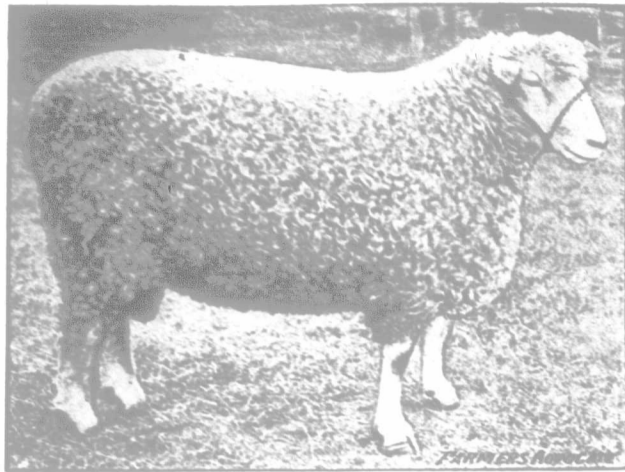
ROBERT MILLER, STOUFFVILLE, ONT.

Dorset Horn Sheep.

This season's crop of 20 ram and ewe lambs, out of imported ewes and their descendants, by the Royal winner, Lord Roberts 1333, I will exhibit at Toronto and Western Fair.

R. H. HARDING, Thorndale.
PLEASE MENTION FARMER'S ADVOCATE.

..Fairfield Flock of Lincoln Sheep..

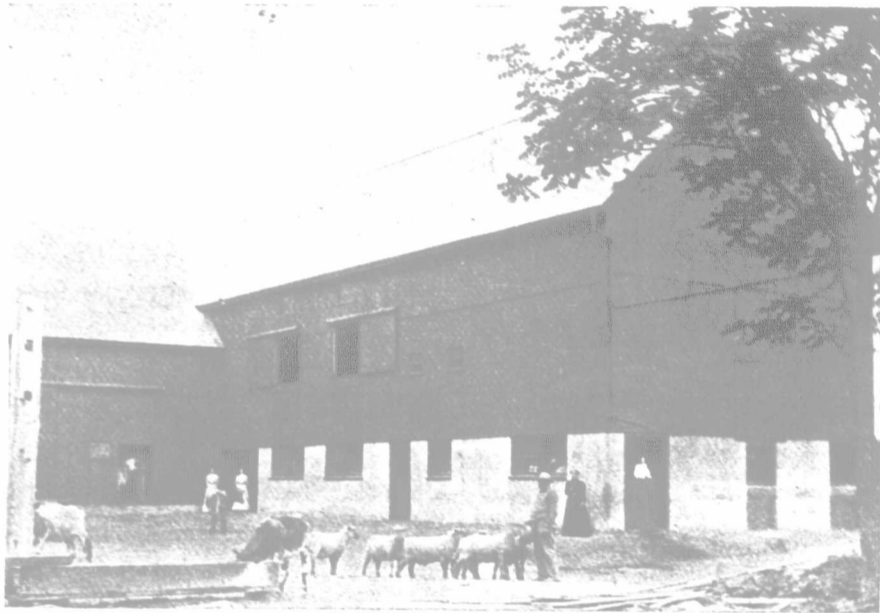


THE largest flock of imported Lincolns and the largest number of Royal first-prize winners of the breed in America. Representatives of this flock won the first flock prize at Toronto last year, and the championship at London. Over 60 imported sheep now in flock, and over 100 field rams and ewes, purchased in England, to follow soon. A large number of yearling rams and ewes, ram lambs and ewe lambs for sale.

See our Sheep at the leading fairs. Write us for prices, or come and see.
J. H. & E. PATRICK, ILBERTON, ONT.

J. V. COOPER, OF PICTON,
BREEDER OF SHORTHORN DURHAM CATTLE
AND OXFORD DOWN SHEEP, ALSO SPEAKS
VERY HIGHLY OF **BATTLE'S**

Thorold Cement.



Barn of J. V. Cooper, Picton, Ont. Size, 31 and 46 ft. in width by 100 ft. in length. Basement walls and floors built with Thorold Cement.

Read what J. V. Cooper says about Battle's Thorold Cement:

ESTATE OF JOHN BATTLE, Cement Manufacturers, Thorold, Ont. PICTON, ONT., Aug. 6th, 1900.
DEAR SIR,—It is with pleasure that I testify to the good qualities of your Thorold Cement, having used last season 100 bbls. in construction of basement walls and floors for barn, under supervision of Mr. J. Watson, a very competent man. Size, 31 and 46 ft. in width by 100 ft. in length. In basement are 19 sashes—6 lights 12x16—which makes basement both pleasant and healthy. While constructing, some were very little in favor of rock cement, but now they all make the same expression—both farmers and mechanics—and say that it is the finest basement they were ever in. As regards both wet and frost last winter, it proved entirely satisfactory; therefore I can honorably recommend it to any person for building concrete walls or floors.
Respectfully yours,
J. V. COOPER,
Breeder of Shorthorn Cattle and Oxford Down Sheep.

Correspondence solicited.

Estate of John Battle, Thorold, Ont.

CHAMPION Fruit EVAPORATOR
Dries all kinds of Fruits and Vegetables. Product of a superior quality.



Our evaporator is made of stainless steel. We make four sizes, and all are of the highest quality. All are guaranteed to last. CATALOGUE FREE.

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84 Wellington St., Montreal, Q.

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92 BAY ST.
CUTS BY THE MACHINE
LIVE STOCK ENGRAVING

SHROPSHIRE SHEEP AND CHESTER WHITE SWINE.
WM. E. WRIGHT, GLANWORTH, ONT.

Huntlywood Southdowns & Dexter Kerry Cattle

Flock of 200 head, imported and home-bred. Selected from the flocks of H. R. H. the Prince of Wales, the Duke of Richmond and Gordon, and the late Mr. Coleman. We are now offering for sale rams, ewes and lambs; also a Dexter Kerry bull calf, by imp. Bantam 257, champion R. A. S., Manchester. Apply to

Hon. G. A. Drummond, Beaconsfield, Point Claire P. O., P. Q., Proprietor, on Canada.

Snelgrove Berkshires.

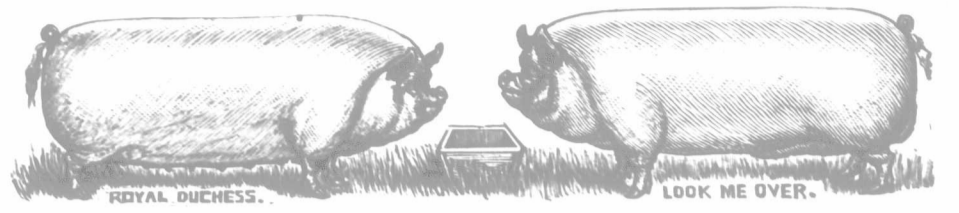
When others fail to please you with a good pig, come to us. Our herd is bred from the best strains of the Large Pinkish Berkshires. We have a large number of these pigs for sale. Apply to



SAVILL & LYONS,
MILLGROVE, ONT.

Summer Hill Herd

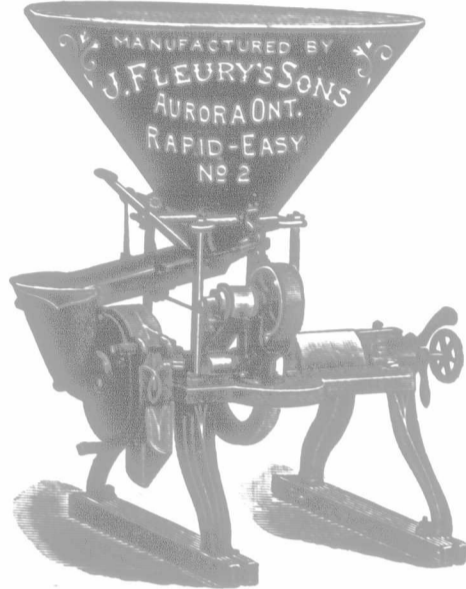
HEADQUARTERS FOR THE IDEAL BACON HOG.



The largest herd of pedigreed Yorkshires of the large English type in Canada. Purity of breed, size, and general excellence is my motto. One hundred awards with one hundred and five exhibits at 7 shows in 1899. A choice selection of young boars and sows of all ages for sale; also boars fit for service, and pregnant sows. Fifty breeding sows, of which 25 (twenty-five) are imported; also three imported stock boars bred by such noted breeders as Sanders Spencer and Philo L. Mills. Am also using two Canadian-bred stock boars, first prize at Toronto in 1898-99. Express charges prepaid. All stock carefully shipped and guaranteed as described. Telephone, Millgrove, Ont. Telegraph 254 Bay St. S., Hamilton, Ont. on

D. C. FLATT, MILLGROVE, ONT.

RAPID-EASY GRINDERS



Will do More Work with the Same Power than Any Other machine. Scores of letters from customers all over the country confirming this statement.

IT WILL PAY YOU to use this Grinder.

We should be glad to give further information in regard to the...

"Rapid-Easy" Machines.

J. FLEURY'S SONS,
AURORA, ONTARIO.

Medals for plows, World's Fair, Chicago and Paris.

Detroit Business University,

THE LEADING BUSINESS TRAINING INSTITUTION OF AMERICA.

Over 33,000 students in profitable employment in different parts of the world. on Elegant catalogue free on application.

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Why Not Build YOUR OWN

The Strongest and Most Durable Frost-Proof Wire Fence Known....

COILED STEEL SPRING FENCE

SAVE AGENTS' AND FACTORY PROFITS. BUILD IT YOURSELF WITH THE

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JUST OUT!

The Fastest and Cheapest Machine in America. Anyone can operate it, and weave 40 to 60 rods per day. EVERY MAN WHO OWNS A FARM SHOULD HAVE ONE. It is built of malleable iron and steel. Its stays do not slip or warp the fence. Don't fail to get a catalogue and price. Manufactured by

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Mention the ADVOCATE when writing. Patented in Office: 151 YORK ST., London, Ont.
Responsible agents wanted. Can. and U. S.

LIGHT YOUR HOME WITH Sunlight Gas

The best light in the world. No more expensive than coal oil.

WRITE FOR PARTICULARS TO

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1, LITTLE ST. ANTOINE ST., MONTREAL

SEE TESTIMONIAL BELOW.

ST. LAWRENCE HALL,
J. L. McGUIRE, Prop.

THE SUNLIGHT GAS CO., LTD.,
Montreal, P. Q.
Montreal, Ont., July 14th, 1900.

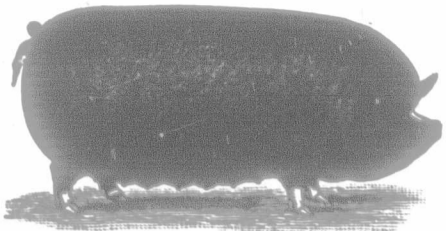


Having used your machine now for twenty months, I take much pleasure in recommending it to anyone in need of such. I can also state with the utmost confidence that if the machine is kept properly cleaned, there is no possible chance of any accident, except through carelessness. The light is of the best, very cheap, and no smell in the house; therefore, in conclusion, can only say I am perfectly satisfied.
Yours respectfully,
J. L. McGUIRE.

GOSSIP.

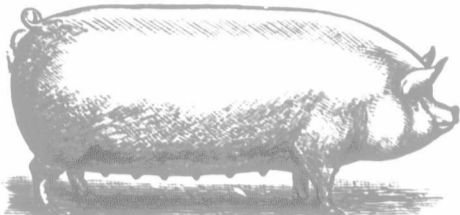
Mr. Dunfan Sinclair, Oakville, Man., breeder of Leicester sheep, offers a choice lot of rams for sale. The diploma ram at the Winnipeg Industrial this year, bred by J. M. Gardhouse, of Highfield, Ont., is also offered for sale. An excellent illustration of this ram appears in the FARMER'S ADVOCATE, issue of August 6th last.

WESTERN VISITORS AT THE TORONTO FAIR.
A number of the directors of the Winnipeg Industrial visited the Toronto Exhibition. Among them were the president, A. J. Andrews; Messrs. J. M. Ross, T. W. Taylor, John Arbutnot, F. W. Dewey, W. S. Lister, George H. Greig, and Manager T. W. Herbock. Hugh McKeil, Chief Clerk of the Department of Agriculture, was also an interested visitor at the fair.



Berkshires—Large, lengthy, English type. Five first prize boars in service. Spring pigs ready for shipment. Boars fit for service. Sows ready to breed. **GEORGE GREEN, Fairview, Ont.**

OAK LODGE
Type of Yorkshires



We have now on hand a large herd of pigs of different ages, and they are as good as we have ever offered. The winnings of this herd have been greater than all other herds combined at the largest Canadian exhibitions.

All stock shipped to order, fully guaranteed.
Brethour & Saunders, Burford, Ont., Can.

Large White Yorkshires.

An offering during this month a grand lot of boars and sows ready for breeding; pairs supplied, not akin, from show stock; also several sows in pig to imported boar. Young pigs from 2 to 3 months old, all of the most improved bacon type. Registers furnished. Express prepaid. Address:

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The Coldspring Herd of **TAMWORTHS** won the sweepstakes at Toronto last year, and as we have made no preparation to exhibit this year, we can ship exceptionally choice things of both sexes and all ages.

NORMAN M. BLAIN, Brant Co. Coldspring Farm, St. George.

TAPE BROS., importers and breeders of Duroc Jersey Swine. **TAPE BROS., Ridgetown, Ont.**



One hundred Tamworth and Improved Chester White Spring Pigs of a true bacon type, our herd having won the best prizes offered at the leading exhibitions throughout Ontario and Quebec for the past ten years. Stock for exhibition purposes a specialty. We pay express charges between stations, and guarantee safe arrival of all stock shipped. Pairs furnished not akin. Write for prices.

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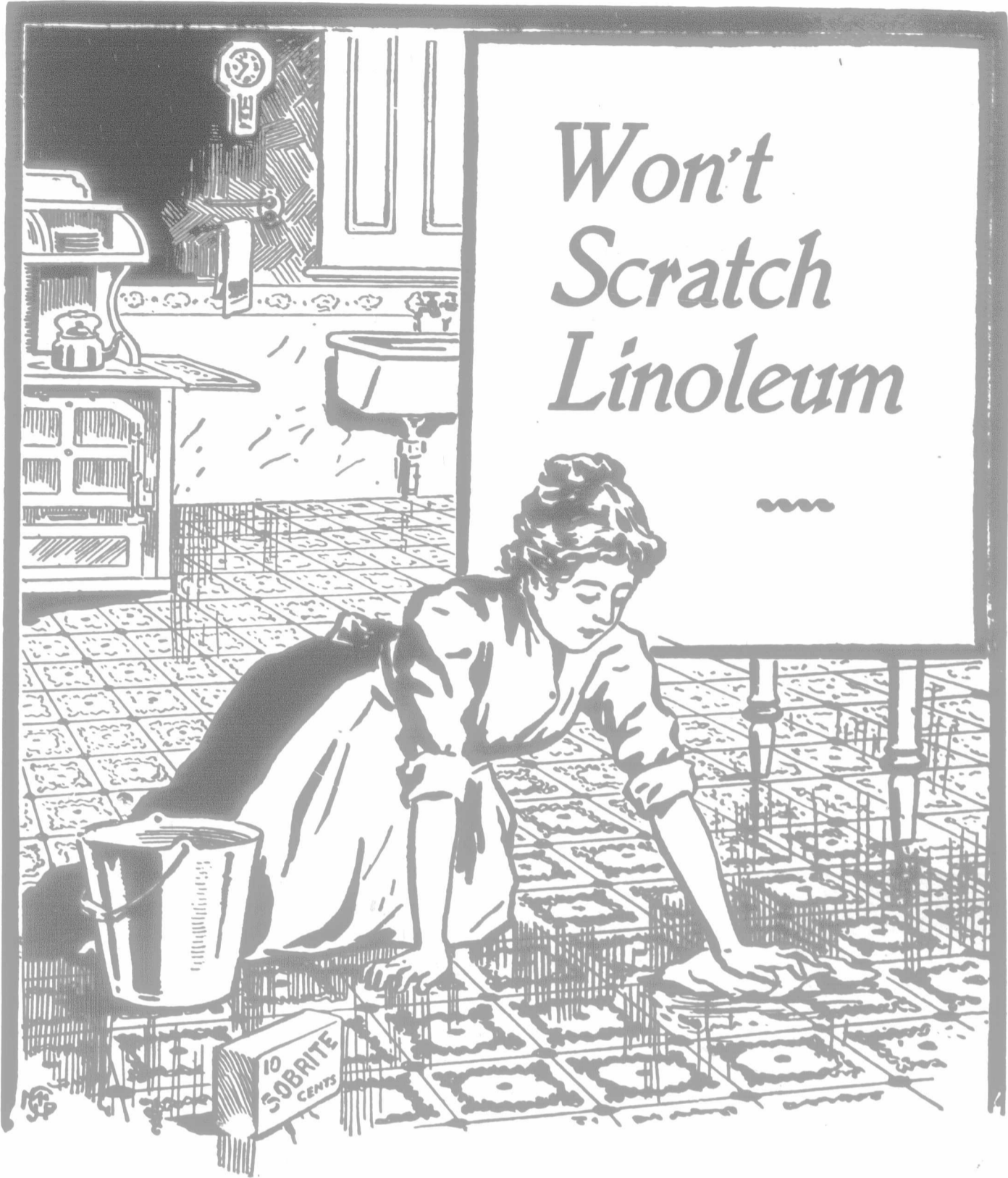
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GOSSIP.

The conditions for the milking trials at the London, Eng., dairy show are as follows: One point is given for every day since calving, deducting the first 40 days, with a maximum of 14 points; one point for every pound of milk, taking the average of two days' yields; 20 points for every pound of butter-fat produced; four points for every pound of "solids other than fat." From the total thus obtained, there are deductions of ten points every time the fat is below three per cent., and ten points each time the "solids other than fat" fall below 8.5 per cent.

Elsewhere in this issue is a very good illustration of the Poland-China boar, Manitoba Chief 1221, the winner of 1st and sweepstakes at Winnipeg Industrial and Brandon summer fairs, Manitoba Chief was got by Dakota Chief 16581, out of Spot Wilkes 33011. He was an exceedingly good individual, and was proving himself a successful sire in the herd of Mr. Trann, Crystal City. Unfortunately, however, after reaching home from the Fair circuit, he died from sunstroke. Mr. Trann reports sales to have been exceedingly good throughout the season, with a few choice things still on hand for the fall trade.

A mammoth rabbit farm is to be established in Schuylkill County, Pa., to be stocked with 27,000 jack rabbits from the Dakotas and 900 pure-blooded Belgian hares.

Prof. C. F. Curtiss writes thus from the Iowa Agricultural College: "I notice that you announce that John A. Craig has resigned to accept a position at Cornell. This is a misunderstanding. We have two Craigs, John A. Craig, of our Animal Husbandry Department, and John Craig, of our Horticultural Department. The latter has resigned to accept a position at Cornell, but John A. Craig will remain with us. At a recent meeting of the Board of Trustees he was made Assistant Director of the Experiment Station, in addition to his duties as Professor of Animal Husbandry. His work has been so closely related to mine and he has rendered such good service in the general work of the Station and College that this recognition was well merited. Prof. John Craig, of the Horticultural Department, has also rendered excellent service, and the West can ill afford to lose so good a man, but the position tendered him at Cornell is one of the best in the country and the salary is about \$1,000 in advance of what he was receiving here."

MESSRS. T. LLOYD-JONES & SONS' SHROPSHIRE SHEEP AND GALLOWAY CATTLE.

The firm of T. Lloyd-Jones & Sons, of Burford, Ont., have become known to readers of the FARMER'S ADVOCATE as breeders of Galloway cattle and Shropshire sheep. When we called in August, we found the firm well equipped for a large season's trade in sheep, and as they hold nothing in reserve, an exceptional opportunity is afforded to obtain gilt-edged foundation stock, or material to strengthen an already founded flock. The present crop of lambs and shearlings were sired by the imported ram which Mr. Brethour purchased in England for them, which has been highly satisfactory as a sire of strong, good-fleeced stock. Thirty of the 150 head are shearing ewes, which should be eagerly sought, as there is no surplus of Shropshires of this age in Canada. Among the Galloways we saw a few choice young things of both sexes, which will be included among their later offerings. The firm have under way for the winter shows a few exceptionally choice half-breeds, which are full of the quality peculiar to the Galloway cattle when crossed on other beef breeds, and these were out of good Shorthorn grades. Note the firm's offerings.

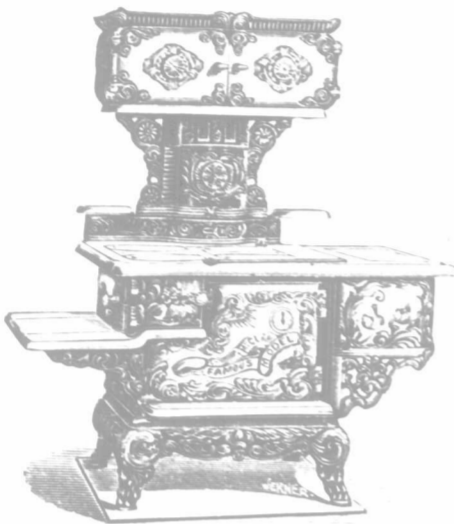
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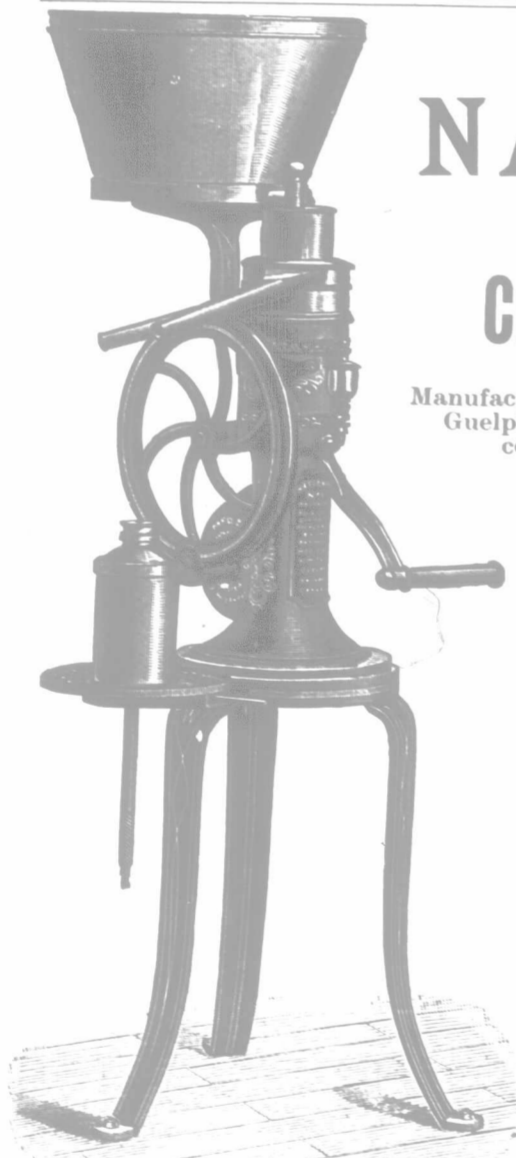
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Farmer's Home

THERMOMETER in oven door shows EXACT COOKING HEAT for pies, cakes, bread, etc.
VENTILATED OVEN allows of a constant circulation of PURE WARM AIR.
STEEL OVEN BOTTOM (that cannot crack or warp) heats oven quickly.
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(Signed) **JOHN BAKER EDWARDS, Ph. D., D.O.L.,**
 Prof. of Chemistry and Public Analyst, Montreal.

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