

THE FARMER'S ADVOCATE

AND HOME MAGAZINE

PERSEVERE AND SUCCEED
FOUNDED 1866

J. G. Rutherford, V. S. deo 20, 02.
Dept of Agr. Ottawa

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

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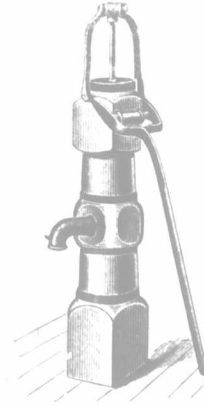
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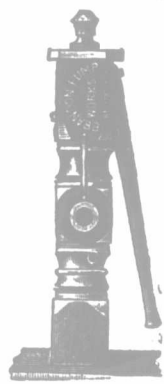
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THE FARMER'S ADVOCATE

AND HOME MAGAZINE

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

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Vol. XXXVII.

WINNIPEG, MAN., AND LONDON, ONT., AUGUST 5, 1902.

No. 555

Harvest Help for Assiniboia.

Present crop prospects all over the wheat section of Assiniboia indicate that a large number of harvest hands will be required from outside sources. The Hon. Mr. Bulyea, Commissioner of Agriculture, has, therefore, been in constant communication recently with the Canadian Pacific Railway Company on the subject, and a scheme has now been worked out between the Department of Agriculture and the Company which, it is hoped, will enable the authorities to form an estimate of the number of hands required at each important point, and materially facilitate the distribution of harvesters.

Every railway station agent in Eastern Assiniboia will have in his office an employment register furnished by the Department, in which each employer will register his name, residence, number of men wanted, when wanted, and probable period of employment. The number of applications received will then be communicated each day to the office of the General Passenger Agent at Winnipeg, which will be a sort of "clearing house" while the rush is on, and the register will be available for inspection by the harvesters as they arrive, and be some indication to them as to where help is wanted. An effort will, of course, also be made to have the names of intending employers ruled off the register as they are supplied with help.

In order that the interests of Territorial farmers may be protected, it is probable that the Department will have an officer stationed at Winnipeg during the coming autumn, who will meet all harvest excursion trains and will be in continual touch with the railway people, and lend every assistance in getting the newcomers forwarded to points where help is required and thus avoid the confusion that arose in the distribution of harvesters last year through lack of organization.

The Department is showing in a practical manner a desire to assist the grain-growers on this occasion, but it must be patent to everyone that unless the farmers co-operate the efforts of the Department will be unavailing. Every farmer who has reason to believe that he will require help to remove his crop, should at once call at his nearest railway station and register the help he requires, or if he cannot leave home himself, arrange with someone else to do it for him. The Department has done its part, and it is now "up to" the farmers to perform theirs.

Pointers.

It is a most significant fact, pointed out in the letter by Mr. Falconer, President and General Manager of the Palmerston Pork-packing Company, that Canada was not able to fill large orders for bacon for South Africa, nor have our packers been in a position to take care of the Canadian home market for pork. With a steadily-increasing demand in Great Britain, and with prospects of a big crop of coarse grains in sight, why not raise more bacon hogs?

Be wary of the stranger who proposes to leave you a large sum containing \$10,000 in exchange for \$5,000 of your own cash. Josh Billings used to have a saying about the future of any man who thought there was any better way of getting a dollar than by industriously and intelligently earning it. He is still a good fellow. Have no fellowship with the man who wants to give you some thing for nothing, but subscribe for a first class agricultural paper.

The Benefits of Exhibitions.

In the light of the history of agricultural and industrial exhibitions, no thoughtful and unbiased person can, we think, dispute the beneficial influence of these institutions in stimulating to improvement in methods of farming, in the character and quality of agricultural and dairy products, in types of live stock, and in the production of efficient labor-saving implements and machinery. The question, "Have they been worth what they have cost?" is, to our mind, fully answered in the affirmative by the great improvement made in the various breeds of live stock, through the healthy rivalry incited by competition for the prizes and honors held out for the production of the best in all classes. How otherwise is it possible to determine that improvement is being made or has been effected? Advancement can only be made by bringing together for comparison the best specimens of the different breeds, the choicest of agricultural and dairy products, and the latest and best devices for effective and economical cultivation of the soil and harvesting crops. In no country has the fairs system been so long and successfully tried as in Great Britain, in no country has equal advancement been made in live-stock improvement as a consequence, and in no other country is more interest taken by all classes of the community in the encouragement of fairs, wealthy people contributing liberally of their means to the prize list, and the common people by their presence, both classes in large numbers attending purely agricultural and industrial exhibitions, with no extraneous attractions of any description. The prominent position taken by Canadian products at international exhibitions in recent years has undoubtedly proved one of the most efficient methods that has yet been devised for advertising the resources and capabilities of the country and its suitability as a field for immigration, its productions comparing well with those of the other favored nations of the earth and finding favor and preference in the world's best markets.

It is not only the larger and more pretentious exhibitions, either, that have thus exerted a progressive influence. The smaller and local fairs have also played an important part in the encouragement of young farmers and new beginners in various lines of breeding, in the cultivation of new and improved varieties of grains and grasses and the production of a better class of dairy products. These have acted as feeders to the larger shows, new exhibitors coming up from year to year from the township and county shows to the larger field of the provincial and national exhibitions.

If the exhibition system has not in every respect met the expectations and wishes of its friends, if there has been a decadence in some of its most useful features in some quarters, it is a hopeful and encouraging sign that fair managers are amenable to faithful criticism on the part of their friends among the press and the people, and that an honest effort is evidently being made to raise the standard of attractions and to introduce more of practical and educative features into their programme of events. These efforts, we are confident, will be appreciated and encouraged by the public, and will redound to the credit and satisfaction of all concerned. Patience and consideration will need to be exercised by the public with the management of fairs in introducing these improvements, for it is certainly much easier to criticize and find fault, or even to suggest a remedy, than to successfully in-

roduce and carry out these suggestions, however reasonable and desirable they may seem to be.

We predict an unusually successful fairs season in all the Canadian Provinces the present year. Prosperity marks nearly every branch of the agricultural and industrial life of the Dominion. The seasons have, on the whole, been favorable to a bountiful harvest and for the condition of live stock, and we may reasonably expect a larger and better display in all lines of the usual exhibits, besides a fair share of new and improved features.

The leading provincial fixtures in all the Provinces have been strengthened both financially and by the increased zeal and energy of their boards of management, and they are confidently expecting the patronage and support of the public in effecting a successful issue. The Winnipeg and Brandon shows have opened the season auspiciously, scoring splendidly. The Central Canada Exhibition, at Ottawa, opens the campaign in the Eastern Provinces this year, the show commencing on the 22nd of August, the principal events being set for the second week, or from the 25th to 30th. An earlier date than usual has been chosen in the hope of falling upon finer weather than has been its lot in the last few years, and every effort has been and is being put forth to maintain its good reputation for efficient management and the placing of a good representation in all lines of live stock and farm products, as well as affording a pleasurable holiday outing for the people of the large constituency of which it is the "hub," and whose circumference is scarcely within the boundary lines of the Dominion. The Toronto Industrial, the Western Fair at London, and the Quebec and Maritime Provincial Shows, the dates of which are given in our list of fairs in this issue, follow in perhaps as satisfactory order as could reasonably be arranged.

Farmers in Office.

A writer in a recent issue of the Prairie Farmer has the following to say of farmers who become affected with the office craze.

"The man who gets to running for office habitually is not fit for much of anything else after a while. We have had two close neighbors who were once comparatively well fixed, and who, through this terrible office disease, are now out of farms, and also out of office. A good farm, well taken care of, beats any county office all to pieces, and it may be kept as long as you live if you will stay by it and take care of it. I would rather see a young man working for a farm any time than for an office."

We in Canada can quite agree with the statement, "a good farm well managed beats any county office," but then there is no reason why a successful farmer should not become a useful public official at the same time. In fact, many such can be pointed to in this country. Numerous practical and thorough agriculturists pass through the municipal councils and on to the Provincial Legislatures or Dominion Parliament, where, distinguished by prudent sagacity and intelligence, they become an ornament to their profession and an honor to their country. Nevertheless, there is truth in the contention that there is a type of chronic office-seeker who, upon entering public life, begins at once to neglect his farm, and such men should be gently but firmly rebuffed by thoughtful taxpayers. There is no respect their own private interests, for they are sure to neglect and ruin their own farms, and to neglect public interests.

THE FARMER'S ADVOCATE AND HOME MAGAZINE.

THE LEADING AGRICULTURAL JOURNAL IN MANITOBA AND N.-W. T.

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

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Address: THE FARMER'S ADVOCATE, or THE WILLIAM WELD COMPANY (LIMITED), WINNIPEG, MANITOBA.

Camera Competition.

Last year the "Farmer's Advocate" conducted a camera competition which proved decidedly popular. The large number of amateur photographers who sent in samples of their work and the artistic excellence of the photographs indicated in a surprising degree the progress that has been made in that direction.

All photographs must be not less than 4 x 5 inches in size, mounted or unmounted, and be the work of amateurs.

All photographs must be clear and distinct in detail and well finished.

They must reach the "Farmer's Advocate" office, Winnipeg, Man., not later than October 1st, 1902.

The name of the competing photographer and post office address, and the name and location of the scene, must be marked on the back of each photograph.

Any person or persons is at liberty to send in as many photographs as desired, but only one person's name should be put on the name of the individual.

All the photographs must be the work of amateurs. The property of the "Farmer's Advocate" for the purpose of this competition is the right to purchase, at the discretion of the committee, any photograph which may be considered worthy of a prize.

No photograph will be returned which has an engraving on it, and photographs must be sent in by competitors.

Virdeu Fair.

The 19th annual exhibition under the auspices of the Virdeu Agricultural Society was held on July 11th and 12th. The weather was perfect, and in spite of the fact that a large proportion of the tributary territory was cut off by the high water in the Assiniboine River, which barred all communication with the north, the fair was, financially, a success.

In the general purpose class the awards were as follows: Brood mare and foal.—First, A. McMillan; second, W. Wardell. Foal.—First, W. Wardell; second, A. H. McMillan. Team (to wagon), not less than 2,100 lbs.—First, W. Porteous; second, R. Tapp. Yearling.—First, A. D. McLeod; second, W. Wardell. Two-year-old.—First, J. Dalgesi; second, J. Gee. Special, best colt by Indiana.—First, A. McMillan; second, T. Launing.

In the light horse classes the following were winners: Stallion.—Wm. Crothers. Brood mare and foal.—First, John Wright; second, Wm. Crothers. Foal.—First, Wm. Crothers; second, John Wright. Two-year-old.—First, Thos. Tapp; second, Robt. Bowes. Yearling.—Thos. Tapp. Driving team.—First, Fred Wedow; second, M. B. Brandon. Mare or gelding in harness.—First, Wm. Bond; second, J. J. Bennett. Walking team, any class.—First, A. D. McLeod; second, K. McIvor. Saddle horse.—First, C. S. Lemon; second, John Beck.

Shorthorns and grades were the only cattle exhibited, and were judged by W. J. Hellwell, Oak Lake. In the aged bull class there were four entries, Andrew Gillespie having the winner in Admiral, a low-set, thick-bodied, smooth bull, shown in fine condition. Second went to Chas. Milburn's Lord Stanley 7th, but perhaps the judge would have more consistently followed the type of the first-prize animal had Thos. Tapp's Tweedside Hero been placed second. The three bulls were well brought out, as was also Robert Bowes' Red Coat, except that the latter was rather thin for the showing. K. McIvor had two entries in the two-year-old class, the roan, Strathcona, being first. He is by imported Golden Measure, out of imported Donside Beauty. In the yearling class, R. L. Lang, Oak Lake, had an outstanding winner in a red bull, Goldfinder, of his own breeding, a very tidy, despoiled bull, well brought out in excellent condition. There were six calves entered. A. Gillespie had two, K. McIvor three, and T. Tapp one, the latter being only a few months old. McIvor had two very smooth, good-backed calves of nice quality, by his herd bull, Strathcona, that were awarded second and third prizes, first being given to one of Gillespie's entries. Among the females there was nothing of outstanding excellence, most of the entries being shown in field condition. The awards were as follows: Cows, three years and over.—K. McIvor, first; A. Gillespie, second; T. McIvor, third. Cow and calf.—K. McIvor, first; T. Tapp, second. Heifer, two years old.—Gillespie, first; McIvor, second. Heifer, yearling.—W. D. Chang, first; Gillespie, second. Heifer, calf.—McIvor, first; H. Proctor, second. Bull and two of grade.—Gillespie, first; McIvor, second. Cow and two yearlings.—K. McIvor, first; T. McIvor, second. Yearling heifer.—Gillespie. Open herd.—Gillespie.

The exhibit of swine was small, most of the entries being charkshires. The best of the lot was R. L. Lang's Oak Lake; Elder Bros. Pig; McIvor's and the Albert and Virdeu.

The exhibit of sheep and Wm. Stevens' showed in the best of their condition.

There were also many chickens on hand, the best of which were exhibited in this class. The best of the lot were the Albert and Virdeu, and the Albert and Virdeu. The Albert and Virdeu were the best of the lot, and the Albert and Virdeu were the best of the lot.

Poisonous Plants in Alberta.

[Report of an Institute address in Southern Alberta by T. N. Willing, Chief Territorial Weed Inspector.]

Mr. Willing referred to the workings of the Noxious Weeds Ordinance, and also dealt largely with the Ordinance for the Protection of Useful Birds. He pointed out that great injury had sometimes resulted from a disturbance of the balance of nature by the wholesale slaughter of certain birds intended to keep in check gophers, mice, insects, etc., which, when unduly numerous, make serious inroads on the products of the farm. It was pointed out that the slow-flying hawks, and the owls, with the exception of the day-flying species, are entirely beneficial and should not be destroyed. In spite of this fact, however, taxidermist shops are found full of such birds. Attention was called to the penalty for such infractions of the ordinance. Mr. Willing showed specimens of weeds which had been found the most troublesome on the farm and on the range, and discussed the nature of the various plants and the best methods of eradicating them. Those weeds of a poisonous nature which were found most frequently in Alberta were said to be the poisonous canass, the larkspur, the poison parsnip, the yellow bean, and the lupine. The last mentioned was only dangerous when the pods contained seed, but if cut at other times it made excellent food for stock. Poison canass caused the most trouble before coming into bloom, and had been very prevalent on some of the sheep ranges this season. Two species of larkspur were growing in the West, and had caused numerous deaths amongst cattle in the spring and early summer. Poison parsnip, or water hemlock, was a most deadly poison in the springtime, when cattle were apt to get the young roots in soft, wet places or along the banks of streams. The yellow bean had been a source of trouble, as children sometimes ate the flowers or the seeds from the pods, with serious results. Various other plants were more or less poisonous at certain stages of their growth, but these were of minor importance. Mr. Willing made many suggestions as to how poisoning by these plants could be avoided, and regarding the treatment of affected animals, and particularly emphasized the need which exists for the investigation of obscure causes of death amongst stock.

The speaker announced that bulletins treating of weeds and their destruction could be procured free upon application to the Department of Agriculture at Regina, and that questions asked relative to the names and nature of any plant specimens sent in would be promptly answered by the Department.

To Cut 25 Acres a Day.

Our American cousins are generally given credit for being hustlers. Here is a description of how work is got out of a binder. Can any of our Western wheat growers beat it?

The four horses to be used first are harnessed and driven to the field by one of the men before feeding or breakfast, and the cutting and binding begin. The other four horses are fed, chores done and breakfast eaten, when this team and the other two men of the force go to the field. The first man goes to his breakfast, one of the others changes the teams while the third one oils the bearings, and in about the time needed to write this half dozen lines the change has been made and the fresh team and driver are at their work, the other team being taken to the barn for morning feeding. When the first man comes back from breakfast, he brings the first team and it stands an hour and a half while the men shock the wheat. Then there is another change of teams, the binder standing still only long enough to make the change of horses. Dinner is brought to the field, and the men change off to take their meal, the machine's steady click keeping up until it is too dark to see, without anyone on the place becoming overwearied or feeling that the strain had been too severe. The two men all the time off the machine can shock the grain well while the cutting is going on. This system cuts twenty-five acres a day with one machine.

Non-Paying Cows.

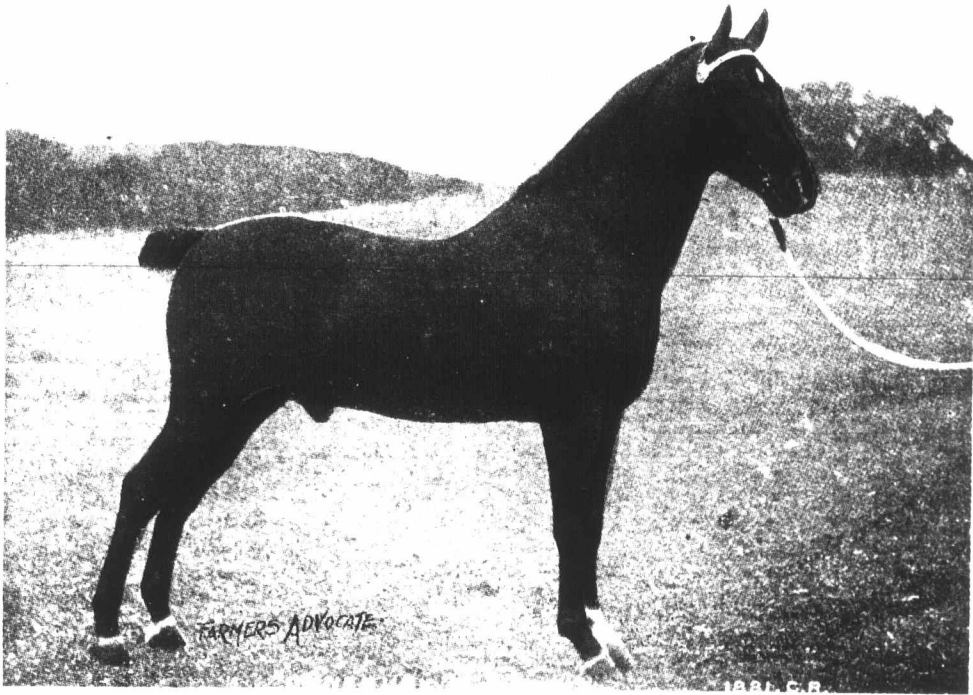
The dairy commission of Minnesota says that 20 per cent. of the cows of that State do not pay for their feed, and that they should be sent to the butcher as soon as possible. This is a possible, true of the cows of the Dominion also. The same part of this, says the Farmer's Review, is that the owners of those cows do not know that they are not paying for their feed, but keep them on their farms, that they are doing something to receive the profits. Many a man has been bankrupted by the cows he has kept. The trouble has been that there was no way the owner could know what was being done by his cows. All the trouble was done by his cows. All the trouble was done by his cows. All the trouble was done by his cows.

Water for Horses in the Harvest Field. Care of Mare and Foal when the Dam has to Work.

While in ordinary weather and at ordinary work the usual practice of watering working horses only three times a day may be deemed sufficient for their needs, it is more humane and, indeed, almost a necessity in the long, hot harvest days, when the strength and endurance of the animals is taxed to the utmost, to make provision for their refreshment between mealtimes by having water taken to the field, if it is not conveniently near, so that the horses may be given a drink in the middle of the forenoon or afternoon. A couple of barrels of water may easily be taken along on a stoneboat when the team goes to work, and this readily solves the problem of how to make the necessary provision. Men feel that they must have water to drink when needed, and their demand for it is usually acceded to without protest. Horses cannot speak for themselves, but their need in this regard may be quite as urgent as that of men, and it is economy, as well as humanity, to supply them. The horses must fail in condition if deprived of water when wanted, and, besides, they are liable to drink too much after long deprivation, and thus contract illness that may lead to their death and a serious loss to the owner. Prevention is always better and generally cheaper than cure, and in this matter to be forewarned should be to be forearmed.

Grooming the Horse.

The real benefits to be derived from careful grooming of horses are apt to be lost sight of these days, when labor is so scarce on the average farm. As a rule, the principal object aimed at is to remove the dirt and give the animal a passable general appearance as he goes out from the stable on his daily round of labor. This, however, should be a mere secondary consideration; regular grooming has many other and more important advantages. It stimulates the secretory organs of the skin, tones up its muscular structures, and removes much of the soreness caused by severe exercise. Proper grooming is a process that requires practice, and, sometimes even patience, but the neglect to perform this duty to our noble friends means the encouragement of skin diseases, both parasitic and eruptive. Where horses are working steadily, the principal grooming should be done in the evening, because at that time the work is needed most, will be most effective, and the horse will afterwards rest better.



HACKNEY STALLION, DANEBURY 4724. Winner of first at the Hackney Show, and many other honors. OWNED BY MR. A. A. HALEY, EDLETHORPE, MALTON, ENG.

Conditions Affecting Quality of Milk.

The results of an interesting series of investigations, into the composition of milk as carried out last year at the Yorkshire College at Leeds, by Mr. Herbert Ingle, F. L. C., are summarized in an instructive manner in an article which Mr. Ingle contributes to the new volume of the Transactions of the Highland and Agricultural Society of Scotland. Mr. Ingle's researches in this matter were of a very exhaustive character, and dealt with the milk of a large number of cows. The general conclusions at which he has arrived as a result of his inquiries have been embodied in the following deductions:—

- 1. The percentage of fat in the milk of individual cows is liable to marked variation from time to time, from causes which are unknown.
2. Evening milk is much poorer in fat than morning milk, though slightly richer in solids, not fat, and more abundant. This statement applies to cases where the night interval is longer than the day.
3. The percentages of fat and solids not fat in milk tend to diminish for two or three months after calving, and then steadily increase as lactation progresses.
4. Milk rich in albuminoids seem to improve the yield of milk and the proportions of fat and solids not fat, at least for a time. When large quantities of carbohydrates, though slightly acid, are added, appear to diminish its yield.
5. The evening milk of a herd may contain three per cent. of fat in the late summer or autumn, if the milking be performed at equal intervals.

A brood mare that is not required to perform work while rearing her foal should, other things being equal, rear a better foal than one that has to work. It is claimed that it does not pay to keep a mare for the sole purpose of raising foals; and, unless she be a high-class mare, there is doubtless a great deal of truth in the assumption. Be that as it may, the fact remains that many farmers who breed one or more mares depend upon them to do the ordinary farm work, and a few hints as to the better manner of treating such mares and foals is the object of this article. At all events, a mare should be allowed a few days' rest before parturition and at least a week after delivery. It is probably as great a strain on the physical abilities of a mare to suckle a foal as it is on those of the non-breeding animal to perform farm work. Hence, we can readily understand that when the double functions are exercised, the mare will require extra care and food. She should be given a liberal supply of easily-digested food that will produce bone and muscle and at the same time stimulate the secretion of milk. Chopped or crushed oats and bran along with good hay or grass has proved the best ration for these purposes. Provided she is doing regular work, her allowance of grain should be greater than for an animal that is not breeding. If practicable, it is good practice to feed four times daily. The colt can be taught to eat grain at a few days old, if care be taken, and while the dam will, in most cases, allow her foal to eat out of her box, it is better to feed it in a separate place, having its box fastened at such a height that it can readily reach the food. It is better to have the mare tied so that she cannot rob the foal after she has eaten her own ration. Finely-chopped oats is the best food for

elapse before turning her in the stall with the colt. After a time there will not be so much danger in allowing the colt to take milk under such circumstances, as he will be getting stronger and the digestive organs will have become accustomed to this treatment. Still, reasonable precautions must be continued in order to avoid digestive derangements. "WHIP."

Sir Walter Gilbey's Suggestion.

Sir Walter Gilbey, in a paper read before the Bishop Stafford Farmers' Club (Eng.), suggested that the British Government should spend £250,000, or one-fourth the cost of a first-class battleship, on an experiment which might be likely to ensure to the army a constant supply of sound horses at a reasonable cost every year. Sir Walter dismisses as impracticable the idea that the Government should here start hussars. He does not believe the country would tolerate such a venture, and experience in India does not suggest that it would be specially successful when all was done. The system of registration is also dismissed as hopeless. It does not admit of expansion, because the man whose horses are worth having as remounts will not reserve them for Government use for 10s. per annum. Tramway and bus horses, which may be profitably reserved at this fee, are not suitable as remounts, although very suitable for gun and wagon work.

What is wanted is to make horse-breeding in this country pay. This it never will do so long as the War Office only offers £40 for an unlocked five-year-old horse. The crucial thing is to devise some means whereby horses could be bought from the breeders, when three years old, for £40, and kept during the intervening period of two years until thoroughly seasoned. Sir Walter Gilbey's proposal is that the Government should establish ten horse-training depots, capable of accommodating 400 horses apiece. In these the horses would be kept, and both they and their future riders schooled for a couple of years, so that when at length they were drafted into the army, they would be thoroughly seasoned and capable of enduring any amount of fatigue. Such depots, Sir Walter says, would cost about £25,000 apiece. They would be erected at six centers in England, viz., Carlisle, York, Northampton, Shrewsbury, Salisbury, and Tonbridge; at Ayr and Inverness in Scotland; and at Kilkenny and Mullingar in Ireland.

Breeding Army Horses.

In a recent issue, the Scottish Farmer has the following to say about breeding remounts:

Major Dent seems a sensible kind of man. He acknowledges that it is impossible for farmers to breed the kind of horses demanded by the Government for remounts at the figure offered—viz., £30 to £40 for five-year-olds. His advice is that farmers should aim at breeding first-rate hunters and harness horses, and sell their misfits to the army. But what if the army buyers won't take the misfits? That seems an eminently reasonable question. The ordinary consumption of horseflesh during a peace season is 2,000 a year, but during the recent war the consumption was as many in a week. The effort to get remounts in this country must frankly be acknowledged a failure. The officers have attended various markets, but they have rarely had anything put before them which was worth buying. The best kind of horses which might make remounts are not to be had here for £30, and yet it is surely folly to trust to foreign nations to supply us with horses in time of war."

Agent Hedge Fences.

We often hear it stated that the Old Country is the place in which hedge fences thrive, and where they are looked upon as indispensable to the marking of boundaries and the confining of cattle. Such is hardly the case. The average hedge seen in Great Britain is useless as a bar to live stock, and certainly is not a thing of beauty and a joy forever. Few are cattle-proof and fewer sheep or pig proof, and in order to make them of some service in the direction required, barbed wire, smooth wire and lumber have been used in large quantities. The care necessary for keeping a hedge in order is very expensive and cannot be afforded by any Manitoba farmer. INTER PRIMOS.

The combination Shorthorn sale in the new Pavilion at Hamilton, Ont., on Wednesday, August 13th, promises to be the stockmen's event of the year in Canada. Ten of the best Canadian herds will be represented. These breeders are men of probity and reputation, who are thus bringing within reach of the public a class of cattle worthy the occasion. The stockman or farmer who desires to improve his herd or lay the foundation of a new herd will find this sale the opportunity of a lifetime. Were the prospect for good beef cattle ever better than to-day? Keep your eye on the date, and be there. Catalogues and any other information will cheerfully be furnished on application to the manager, Mr. W. D. Flatt, Hamilton, Ont.

Yorkton Fair.

The annual fair at Yorkton, Assn., held this year July 13th and 14th drew a large attendance of the people of the district, while the excursion trains brought in large numbers from other towns along the line, swelling the crowd to very satisfactory proportions, and making the financial returns very gratifying to the officers and directors, who are an active and energetic set of men, and showed a real interest in carrying all the arrangements to a successful conclusion. The president, Mr. F. W. Bull, the secretary, Mr. Wm. Simpson, and his efficient staff, worked hard in the prosecution of their onerous duties, and but for the late arrival of the excursion trains, which somewhat delayed and disconcerted their arrangements for the carrying out of the programme, everything passed off pleasantly and satisfactorily. The Yorkton fair ground is one of the largest and best in the West, the ground sloping gently from the entrance side, so that every part of it can be seen at a glance from the grand stand or from the ground near by. The events played on the excellent half-mile track could, therefore, be viewed over the entire circle without intervention. The people present were for the most part, a bright, intelligent, cheerful, hopeful-looking gathering, well dressed and well behaved, giving evidence of prosperous conditions and a confident belief that they have a heritage in the rich soil of the district which, wisely worked, will ensure success to those who have taken possession of it, and will make this one of the favorite sections of Western Canada, as, indeed, it is to-day. The show of live stock was not as large as was expected or as the district is capable of making, for there are few sections in the Northwest where more good cattle are found, but the quality and condition of most of the animals shown was of a high order, many of them being good enough to compete, with good chances of success, in any provincial exhibition. The judging in all classes of live stock was done by Mr. Duncan Anderson of Rugby, Ont., who gave good satisfaction in his awards, and, in an able address on the second day of the show to an appreciative audience of farmers and stockmen, described the desirable types of animals of the various classes for profitable production and meeting the demands of present-day markets.

The most striking feature in the class for heavy-draft stallions was the imported Clydesdale horse, Prince of Wales, shown in his thirteen-year-old form by D. Fumerton, and looking as fresh as a four-year-old. He was brought out in fine condition, though having finished a season of heavy service, no less than 120 mares having been bred to him. He combines good size, style, quality and action in his make-up as it is seldom seen in one horse of his class, and was greatly admired for the soundness and clearness of his limbs, his smoothly turned form, strong erect and square action. He was awarded the first prize in the class for draft stallions three years and over, of any breed, and also the special sweepstakes prize of \$50 offered by the York Farmers' Colonization Company for the one best calculated to produce colts, possessing weight and action and suited to the needs of the Northwest farmer. The second prize in the class went to a capital brown Percheron horse, shown by Young & Galbraith, and third to a Chinc horse of excellent form and quality, of which we have not undertaken to give a description. Strongly recommended to produce a very profitable and handsome class of general purpose horses. In the section for brood mares, 1,500 lbs. or over, the first prize went to a mare of good size and fine form and quality, shown by T. W. Smith of Yorkton. Lots of Islington, Ont., second to John J. Smith and third to F. W. Bull. All were excellent animals. The first prize for heavy-draft team, 3,000 lbs. or over, went to F. W. Smith for a well-matched team of strong, well-formed mares of the most desirable class for farm work and breeding. The same exhibitor had the first prize two-year-old filly, a very good one. A capital yearling Clyde stallion, by name of Ed, shown by Porter Bros., Brechin, also had a very good showing. He has fine conformation and is a very promising animal. In the section for agricultural horses, 1,200 lbs. or over, the first prize went to a very fine animal, shown by Porter Bros., Brechin, and second to a very good one, shown by J. W. Peterson.

The special prizes offered by Mr. D. Fumerton for foals sired by his horse, Prince of Wales, went first to J. Peterson, and second to J. J. Smith.

In the class for carriage or road horses, first place for stallions over three years was given to a useful horse shown by J. Markham. Jas. Malcolm, Jr., won first for brood mare and also for foal of 1902. Wm. Outhwaite winning second in both sections. For the best driving team, S. J. Cahill was the winner of first award, Frank Pettis being second, and H. R. Najwen third. Thos. Meredith won first money for single driver, R. C. Arnold second, and Thos. Simpson third. For the best saddle horse, Ed. Smith won first award. For the best saddle pony, J. Markham won first and Fred Langstaff second, and Miss Lilly McGrath third prize. As the best lady rider, Miss Sarah Paul was declared the winner and Miss Lilly Sanderson second.

CATTLE — Shorthorns made the strongest showing in the cattle classes, the principal exhibitors being John Leppington, Pedenbury, and F. W. Bull, Yorkton. Mr. Leppington winning first prize and the sweepstakes prize of \$25 for the best bull of any breed, for his fine two-year-old, Royal Briton, bred by J. & W. B. Watt, Salem, Ont., sired by imported Royal Sailor and out of Matchless 17th. He is a low-set, thick-fleshed, substantial animal, with strong, masculine character, a muscular neck, smooth shoulders, deep ribs and long, level quarters, and is proving an impressive sire. The first-prize heifer calf and first and second prize bull calves, capital young things, full of good flesh and quality, shown by Mr. Leppington, were sired by Royal Briton, who also headed Mr. Leppington's first-prize herd. The latter was brought out in splendid condition and included the first-prize cow, Palmerston Daisy, a cow of fine character and quality, with a strong back and a breezy appearance. The first prize for one-year-old bulls went to an excellent entry owned by F. W. Bull, bred by J. & W. Russell, Richmond Hill, Ont., sired by Golden Measure, and out of Centennial Isabella 27th. He is a compact, level, smooth bull with a strong back, and fine quality of skin and hair, and from his good breeding, combined with his excellent individual merit, should make an impressive sire. Mr. Bull had also the second-prize cow, which is one of good type and form, and the second-prize heifer calf. A useful Aberdeen-Angus bull shown by Porter Bros., was awarded first prize.

In grade cattle, the first prize for cow went to Geo. A. Bull and second to J. W. Chrysler, and for the best calf, first and second to Jas. Williams, who had also the first-prize yearling and two-year-old steers.

A commendable feature in the prize list was a section for the best five export steers, in which there were nine entries, six of which were forward, constituting a capital display of thirty well-grown three-year-olds, weighing an average of 1,350 lbs., showing good breeding and type, and in fine condition, having been wintered on straw and hay and fleshed-up rapidly on the rich range pastures of the district around Yorkton. The first, second and third prize pens were shown by Duncan Bros., who have a herd of some six hundred cattle, and who ship a lot of good ones out each year. These cattle speak well for the enterprise and judgment of the stockmen of the district in using pure bred bulls of good quality, whose influence is apparent in the improved form and feeding propensities of their offspring.

In the milch breeds, the prizes were won by Jerseys shown by John J. Smith, and the first prize grade cow in this class was a good grade Jersey shown by Mrs. A. Ashdown.

PIGS — A few really good Berkshires were shown, the first prize being over a year, owned by John J. Smith, being an extra good one of the best type, with a good head, a strong, well-packed back, smooth shoulders, deep sides and good legs. He would compare well with the best of any of the leading shows in the Dominion. The same may be said of a young boar, six months old, shown by F. W. Bull, which was first in his class. He has all the quality and characteristics of the best type of the breed. The second prize of the aged boar section went to F. W. Bull for a long, smooth boar, which was well in the breed type. Mr. Bull had the first prize sow, over a year, and the second, J. W. Bull, second in open section. The sow and litter of A. Kirkland were sired by J. J. Smith's second. The first prize pig, a very good one, was shown by Peter Watt.

The poultry department was not so large as it might have been, but good quality was shown in the various classes. In the class for brooding hens, 25 lbs. or over, the first prize was won by a pair of Rhode Island Game, shown by Porter Bros., Brechin, and second to a pair of the same variety, shown by J. W. Peterson. In the class for laying hens, 18 lbs. or over, the first prize was won by a pair of Rhode Island Game, shown by Porter Bros., Brechin, and second to a pair of the same variety, shown by J. W. Peterson. In the class for cockerels, 18 lbs. or over, the first prize was won by a pair of Rhode Island Game, shown by Porter Bros., Brechin, and second to a pair of the same variety, shown by J. W. Peterson. In the class for pullets, 18 lbs. or over, the first prize was won by a pair of Rhode Island Game, shown by Porter Bros., Brechin, and second to a pair of the same variety, shown by J. W. Peterson.

winner. For homemade bread, first prize went to W. D. Brown, second to F. W. Bull.

The races and other special attractions were of a very creditable character and were well presented, affording very satisfactory entertainment. On the whole, the Yorkton Fair was a very enjoyable affair, and if the farmers and stockmen of the district will only take more interest in making the live-stock show more representative of the capabilities of that country, it may be made an excellent advertising medium and a real benefit to the people.

Carberry Fair.

The sixth annual summer fair was held in Carberry on July 15th and 16th. The weather was perfect, and the attendance during the last afternoon fair. The exhibit in the main building was very slim, and while there were some exceedingly good animals forward in several classes, the number was disappointing for a district fair in a section that ships out such a lot of stock. The horse entries were most numerous. Thos. Kelly, Brandon, judged the light horses, and A. Stott, Brandon, the heavy classes. R. I. M. Power was the principal exhibitor of Thoroughbreds, winning first and sweepstakes for stallion on Hardlines, N. Boyd having the second-prize stallion in Golden Lease. Mr. Power exhibited the only entry in the Farney class, the stallion, False Heir. In the roadster class, H. W. Brown won on stallions, Greg Barrett's team was first and Alex. Marshall's second. Barrett also winning on single driver, with H. Glass second. Mr. Yeandle won on saddle horse, W. S. Henderson's entry being second. J. & J. C. Elmhurst were awarded a first on coach stallion. D. Reynolds won on carriage team, and John Jackson on single carriage horse. In the Clydesdale class, two aged stallions were entered, Dr. Swenerton's Rosenout first, W. S. Henderson's entry second. Henderson also had an entry in the three-year-old class. In the two-year-olds were three entries, G. B. Murphy's entry first, W. Bailey's second, John Watts won on foal, and Rosemont was sweepstakes winner. Jas. Muir, McGregor, showed the only Shire stallion. There was good competition in the agricultural team class, H. M. Lyons, John Gibson and T. Peacock winning out in the order named. Jas. Humeston got the team prize in the general-purpose class, with H. Dunton second.

In the cattle classes the principal exhibit was made in Shorthorns, the well-known breeder, J. G. Barron making a strong showing in this class. John Graham and George and Robert Oliver showed also in several classes animals of high individual merit and all brought out in good form; in fact, most of them were on their way to the Winnipeg Industrial. In the first section, for instance, there were five capital bulls, including three from the Fairfield Stock Farm—Topsman's Duke, Imp. Pilgrim, and Sir Arthur, out of Imp. Jenny Lind. These were placed by the judges in the order named, leaving unplaced John Graham's white Captain Jack and Robert Oliver's Champion of Montrose, also a white. In the two-year-old class there were four entries, George Oliver winning first on Strathleven's Hero, and John Graham second on Claymore 2nd, leaving Robert Oliver's white Lord Elgin, the best bull in the bunch, unplaced, and George Oliver's thick, red youngster, Robs., also unplaced. In calves, Barron won first and second, with Noblemans Heir and Topsman's Duke 3rd, Graham making the second entry, with calves only about two months old. Barron also won most of the prizes in the female classes, as well as herd prize, and the Pure-bred Cattle Breeders' diploma on Topsman's Duke for the best bull on the grounds. Thomas Worth, Carberry, showed a Hereford cow and bull calf, fair representatives of the breed and the only ones exhibited, while Wm. Aiken showed a few Holsteins. There were no grades. The class was judged by F. Bredhall, Brechin, Ont., and James Leckie, Carberry.

A few good Berkshire swine were shown by George Hope, Jr. The poultry exhibit was very good, though not large.

Farmers' Elevator Association.

The annual meeting of the Farmers' Elevator Association was held in Winnipeg on July 23rd, and was attended by delegates from almost all the Farmers' Elevator Companies in the country.

This association was organized a year ago, for the purpose of looking after the interests of farmers' elevators in particular and of all grain growers in general.

It was decided to ask for certain amendments to the Grain and Inspection Acts, where it was felt that the interests of the farmer are not properly guarded.

The officers for the year are as follows: S. Langhrey, Assn. President; James Riddle, Roubidoux, Assn. President; Messrs. A. Morrison, J. Lawson, J. Wright, Myrtle; Jas. Stewart, Oakton, J. D. Brown, Winkler, Directors; T. K. Langan, Assn. Secretary.

The Portage Fair.

The Portage Fair, held on July 18th and 19th, being the 28th annual exhibition held by the Society, was favored with the best of weather, and with the beautiful grounds owned by the society on Island Park, should have been a far greater success than it was. In attendance and exhibits, it was about on a par with the previous year, but does not show signs of returning vitality. The handsome new main building was very bare of exhibits, showing that citizens take no more interest in the fair than does the country proper.

In agricultural products the entries were few. J. J. Setter, High Bluff, won the Lake of the Woods Milling Co.'s special on Red Fle wheat, W. M. Stewart and Yuill Bros., of Portage, second and third, respectively. W. M. Stewart won on collection of grains, and Miss M. Cummings won on collection of grasses grown by exhibitor. In the dairy building the exhibit was also small, the principal exhibitors being John Brydon, who won two firsts; Jas. Gibb, one first; A. Low, John McKay, and H. Kirkwood, Miss Bonfield made the only entry in cheese. Yuill Bros. won a special on 50-pound tub of butter. Among the live stock, Shorthorn cattle and heavy horses made the best showing. In the Shorthorn class, Jas. Bray won on aged bulls with Scottish Canadian, the low-down, thick-set, Scotch-type bull purchased at the Lynch dispersion sale; J. A. Fraser coming second, with Golden Prospect; by Golden Robe, a large, growthy roan of different type than his successful opponent. George Lytle, High Bluff, and Yuill Bros. won first and second, respectively, on two-year-olds. Thos. Wallace's Sir Walter, a roan of very similar type to his sire, Scottish Canadian, won, with Jas. Lytle's entry second. F. W. Brown won in the bull calf class on a good, growthy red and white son of his Lyndhurst bull, followed by a strong but not highly-fitted entry from the Oak Grove herd of Jas. Bray. The judge had some difficulty in deciding on the merits of the entries in the cow class, Jas. McKenzie's Imogen 2nd finally being placed first, T. E. Wallace's Maiden Blush, by Watt's Royal Sailor, having to be content with second place, while Brown's Gaiety V. stood third, all good cows, of the low, wide, deep sort. Brown's handsome light roan, Winlerner Gem, won in the three-year-old class, followed by an entry made by Wallace. J. H. Waind, of Portage, had the winning two-year-old, K. McKenzie, Jr., coming second. In the yearling class, Wallace won first and third on Charger heifers—1st on Portage Blossom and third on Gem of Lakeside, Bray's entry, also by Charger, coming second. Wallace again won in the calf class with Manilla 1th, another Charger calf, Yuill Bros. coming second and Brown third. In the heifers of calander year, Pray won on a particularly smooth, level entry, second and third going to Brown. Wallace won the herd prize, and Bray's Scottish Canadian the P. B. C. B. Association's diploma as champion male.

Jas. McKenzie, M. P. P., Burnside, exhibited a herd of Herefords and had no competition.

Holsteins were represented by a selection from the herd of Jas. Glennie, Longburn. Jerseys were shown by John Webster, Geo. A. Garrioch, R. H. Robertson, of Portage, and John Bray, of High Bluff. K. McKenzie, Jr., Burnside; J. H. Waind and Alex. Dow were the principal exhibitors in the grade classes.

In the sheep pens the exhibits were not numerous. F. W. Brown showing alone in Cotswolds, O. W. Bailey, of High Bluff, in Shropshires and Oxfords, and K. McKenzie, Jr., in grades.

In swine, the Tamworths were noticeably in the lead in numbers, L. A. Bradley and Wm. McBride being the largest exhibitors and dividing most of the honors, Jas. Glennie and J. J. McCowan also having prizewinning entries. F. W. Brown won all the prizes in Berkshires, and Wm. McBride in Chester Whites.

The exhibit of light horses was only fair. In the Thoroughbred class, Wm. Richardson, of Portage, won on stallion, second going to Wm. Goggins Dauphin. Jas. McKenzie, M. P. P., won first on brood mare and also on foal. F. C. Bennett, Winnipeg, won on Standard-bred stallion; W. J. Fisher, Portage, second. Dr. Taylor, V. S., won in the single-roadster class, W. J. Mey coming second. A. Batters won on pair and J. McKay and H. Kirkwood first and second, respectively, on farmers' single roadsters. In the draft and agricultural classes there were some excellent horses brought out. In Clydesdales, the syndicate horse, Prince of Eden Grove, was much admired. John Wishart and Carruth & Brown were the best exhibitors in this class, the latter showing three fillies recently imported from Scotland—a two-year-old and a three-year-old. Red Center won first with a grand team of six, weighing about 3,200. Wm. McCowan was second on agricultural teams, with Robert McCowan, second. Pell Bros. first and Mrs. Grant second on general-purpose teams, and there was a good deal of stuff throughout the classes, showing that farmers of the Plains are not neglecting their stock raising. In poultry the exhibit was only fair, especially but the entries in some cases were excellent.

Can We Profitably Raise More Hogs?

(From our Ontario and Eastern edition.)

Sir,—We believe the English market is capable of taking care of very much more Canadian bacon than is being sent there to day. You are aware that in 1890, Canada exported a little over one-half million dollars' worth of bacon, and ten years after that about twelve million dollars' worth of bacon. Everyone will admit that this was a wonderful development in such a short time. We would not be surprised to see the next ten years show equally startling results, provided the farmer raises the right kind of hog. Canadian bacon is considered by many dealers on the English market to be quite as good as Danish, and they have heretofore had to pay several shillings more per hundred for the Danish than for the Canadian. They are beginning to realize that since the Canadian is so near the Danish in quality, that they had better save these shillings and buy Canadian. Of course, the Englishman is slow, but we firmly believe that Canadian bacon is destined to shove Danish bacon off the English market to a large extent. The production of bacon in Ireland seems to be becoming less annually, and possibly in a short time need scarcely be taken into account.

In the past a large quantity of bacon has been exported to Great Britain from the States. But look how the exports of cheese from American ports has fallen off—about 50 per cent. this year—and we believe the same thing will happen very shortly with bacon. In fact, the Western States have marketed over a million hogs fewer since the first of March up to the present time than they did for the same period last year. Of course, a shortage in corn partly accounts for this state of affairs, but the Americans will soon have all they

see the price of hogs to the farmer go below a paying basis. In fact, it is utterly impossible, for, as we have shown, both the home and the foreign markets for bacon are increasing every year, and we think the farmers have made a great mistake during the past two years by not going into hogs very much more than they have done, and we would strongly advise every farmer in Ontario to largely increase his output of hogs.

In the next place, we believe the supply of hogs during the past two years has been entirely insufficient, and that a very large increase would not have lowered the price below a very profitable basis. Tons of bacon might have been sent to South Africa and other points, but the business went past us Canadians simply because we had not the goods to supply the trade. The Americans, too, have been shipping in to Canada enormous quantities of bacon during the past two years, notwithstanding the high duty imposed on these goods brought into the country. We think it is really too bad that Canadians cannot take care of their own market. We pride ourselves in our broad acres, fertile soil and industrious people, and yet we allow the Americans to come in here and feed us. During the past two years there has never been near enough hogs to keep the packing houses going. Although the supply of hogs is larger in the fall than at any other time of the year, still it has always been inadequate to the requirements of the trade.

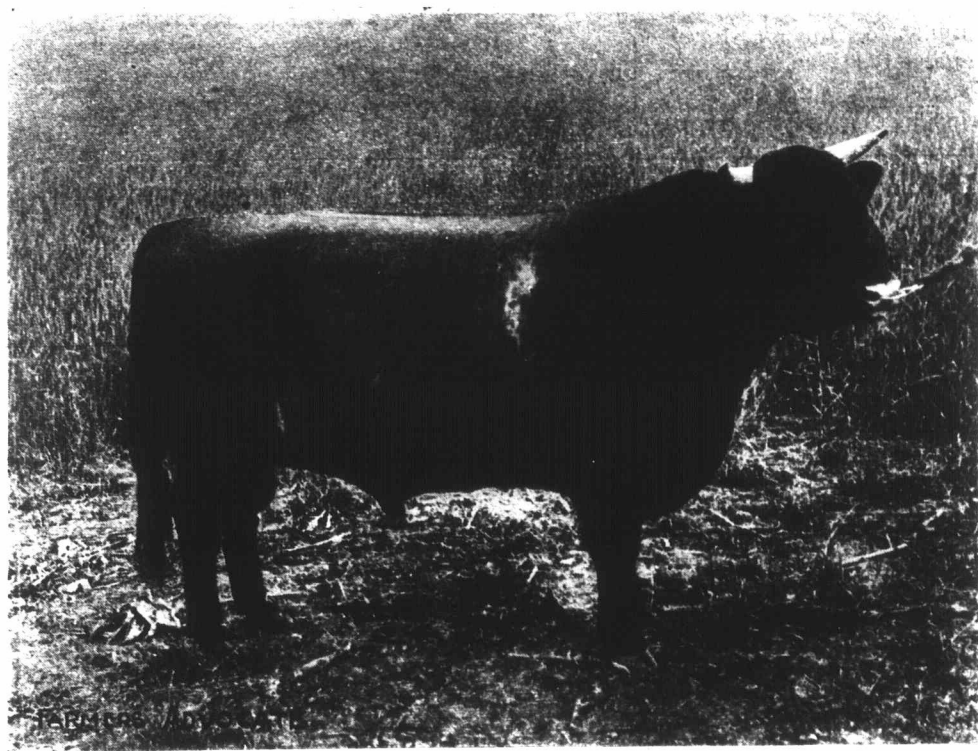
The farmers of Ontario have improved their breeding and feeding very materially, and are to be commended for the advancement they have made along these lines. Still, there is room for improvement, and every farmer should try to furnish the hog required by the packer. During the past two years a good many of the farmers have made the mistake of holding their hogs too long, particularly when the price is off a little, then when the price was high, they have been inclined to market their hogs before they were properly fed. This is a serious mistake. Hogs should be marketed when they are ripe, no matter what the price is, and if the farmers would always do this they would find that the average price for the year would be a satisfactory one. We favor the Yorkshire and Tamworth breeds. Farmers raising short, thick, fat hogs should get rid of them at once. The market for a long time has required hogs weighing from 160 to 200 pounds. This is the standard, and we think it is likely to remain such for some time.

In conclusion, we firmly believe that the Canadian bacon industry is only in its infancy, and is quite capable of wonderful development, and there is nothing a farmer could go into that would pay him better than the raising of hogs. It is the best way to dispose of coarse grains on the farm, and the farmer who goes at it systematically and makes a business of raising hogs has money coming in to him every month in the year. We would strongly advise every farmer to get the right breed of hogs and raise all he can take care of.

Yours respectfully,
W. J. FALCONER,
Pres. and Gen. Mgr.
(The Palmerston Pork-packing Co.)

[Editor's Note:—The official figures from the Ontario Bureau of Industries report, indicate that during the past three years the stock of hogs in Ontario has declined as follows:—1899, 1,971,070; 1900, 1,771,611; and 1901, 1,191,885. This, too, in the face of an increasing demand for bacon, as Mr. Falconer points out, and also with an increasing number of packing houses in Ontario, of which there are now probably 18 or 20 of large capacity. For the year ending June 30th, 1901, Canada imported for home consumption from the United States, \$1,150,800 worth of pork and bacon, besides \$118,271 worth of lard.]

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WANDERER'S LAST (IMP.) 36129

A superb two-year-old Shorthorn bull, contributed by Capt. T. E. Robson, Ilderton, Ont., to the great combination sale at Hamilton, August 13th. (See Gossip, page 391.)

can do to take care of their home bacon market, and their ability to supply hogs is limited. Now, what we Canadians want to do is to step in and take care of this market that other people will have to give up.

If Canadian packers could buy hogs at such a price as to enable them to place the bacon on the English market at from 50 to 51 shillings, a very much larger quantity would be consumed than there is at the present time, because when bacon goes over these figures the working classes cannot afford to buy bacon and are compelled to use fish or other cheaper food. The farmers can raise hogs very profitably so that bacon could be sold at these prices. We consider the present unusually high prices of hogs very injurious to the trade in England, no good to the packer, and will some day in all probability be hurtful to the farmer. We consider a good fair average price paid all the year 'round better for everybody connected with the business.

Another feature that must not be lost sight of is the fact that Great Britain is rapidly increasing in population and has more people to feed every year; besides, the ability of the great mass of the English people to buy is quite remarkable when compared with what it was twenty-five years ago.

Now, with regard to the home market, we are great believers in the development of Canada, and hope to see the population of this country doubled in a few years. There are now large quantities of bacon raised in the lumbering and mining districts. We believe these industries are only in their infancy, and that vast crowds of people will be brought into the country to increase their development. We are firmly of the opinion that it will be many years before you will

Improvement of Local Shows.

(From our Ontario and Eastern edition.)

As the time draws near for holding county and township exhibitions, a few suggestions to directors and others interested in methods of improvement should be of interest. The real and lasting benefits to be derived by any district from a good local show are too well known to need discussion. Unfortunately, however, many agricultural societies have not caught the forward movement of the times, but remain content with a system unfitted to educate or enlighten that community of people whom they represent, and who, it may be, are unable to visit large exhibitions. In the management of local fairs, as in all other lines where financial and educational success is to be achieved, intelligent business ability must be exercised, and the men at the helm must become animated by the importance of their charge.

Of the many questions deserving the most thoughtful and serious consideration of any exhibition executive, the selection of competent and conscientious men to act as judges in the different departments is one of the most important. The decrease in the number of entries in some shows is traceable only to the employment of incompetent or unscrupulous men who grant the awards contrary to the merits of the animal or article exhibited. In Canada there is no excuse for this. Capable judges in live stock and the other leading classes can be secured at a modest outlay, such as the day's expenses, and in cases of local men, sometimes the honor associated with the duty is appreciated as sufficient. Since the single-judge system has given such good results, the total expenditure in this connection for any local show need be but a comparatively small sum, when compared with the satisfaction to be had therefrom, and no enterprising managers will hesitate a moment in setting apart a reasonable consideration for the purpose. The main point is to secure competent, trusty judges.

In the arrangement of the different classes in the prize list and the general accommodation for live stock, improvement is greatly needed in many cases. For example, shows are known where only two classes are provided for sheep, the division being made according to length of wool. As a result, Lincoln, Cotswold and Leicester go into the ring side by side, and no effort is made either to distinguish breeds or to emphasize and encourage the breeding of pure-bred animals. Thus a great educational feature of the live-stock department is lost. In other cases, limited provision is made for the billeting of stock on the show grounds. Cattle are made to stand against a fence, without protection from sun or rain, and hogs are often not required to be unloaded from the wagons.

The different breeds should be also kept as closely together as possible, and suitable facilities provided for unloading and loading all stock conveyed in wagons. Placards should show the name of every breed, and the particular section in which each animal is being shown should be indicated by card or otherwise. It should be the special aim of fair managers to have every breeder of good stock in their county make an exhibit, and where a trophy is offered to the township or county exhibiting the greatest number of good animals, added interest will be given to the entire show.

In special attractions, various features have been suggested to displace the degenerating influence of the skirt-dance and side-show. When it is remembered that the real function of any exhibition is to educate those who attend, and that tastes, particularly in the young, are easily cultivated in almost any direction, it behooves those who have this matter in charge to make the special features of such a character that impressions may be made, the afterthoughts of which will in themselves be elevating. For the younger people, good prizes might be given for the best collection of mounted weeds peculiar to the locality. Specimens of weed seeds could receive similar recognition. The insects native to the county, both trouble-cane and innocuous, could come in for the same consideration. The girls might be encouraged to make exhibits of flowers, which prizes could be induced to figure in a stock department. Prizes might be given for the presentation of the greatest number of varieties of apples, potatoes, etc. For those especially interested in the raising of live stock, lectures might be given on the management of animals superior to any that have been given at a plan similar to the one which was given at the Winter Fair last year. The object of these lectures should be to do more to raise the standard of the rank and file of the local breeders, the importance of using good stock, and anything else which might be of use.

cost. It has also been suggested, and wisely, too, that the proper method of packing apples and preparing poultry for market might be profitably illustrated, and in dairy sections, demonstrations given or competitions conducted in butter-making. However, each locality will do well to emphasize the special line of farming carried on therein.

Now, in conclusion, it may be said that the special features which have been mentioned will either cost too much to introduce or will not draw a crowd sufficient to make the show a financial success. This, we feel safe to say, is a mistake. Canadian people everywhere have always shown a disposition to encourage and patronize everything tending to elevate and enlighten. The sooner managers of local shows realize that a prosperous society can only be maintained by having an exhibition which encourages all that is highest and best in agriculture, the sooner will they receive from the people that patronage which they demand. We would be glad to receive by an early mail from officers or directors who have been endeavoring to make their exhibitions a greater educational as well as financial success, a short description of any features or plans which have proved valuable, and the publication of which might be helpful to others.

Bees in Manitoba.

WEAK COLONIES.

As August progresses, it will become apparent that some colonies in the apiary are going to be but light when the cold weather comes. The colony that is weak at the end of August is sure to be weak to go into the cellar. Such colonies may be after-swarms, or they may be swarms headed by old queens that have begun to fail. If the latter, it is a serious matter, for if too late in the season to procure a new queen, that colony may as well be counted out for next year. The only thing to do with such a colony is to unite it with another which has a vigorous queen, taking the precaution to remove the failing queen first, as otherwise she might prove the stumbling block in the struggle that would ensue when the last state of things would be worse than the first. The sooner uniting is done the better—after the necessity for it has become apparent. If it can be done before feeding up for winter, all the better, for then they can fasten their frames and make things snug and to their liking before winter sets in. But uniting can be most easily accomplished when the weather is so cool that the bees will not fly, but cling to the combs, so that they can be transferred from one hive to the other without losing a bee. Bring one hive up beside the other and carefully lift the combs, bees and all from one and place them in the other, leaving, if possible, a vacant comb or two or a division-board between the two families. It is best to do this in the evening, unless the weather is very cool. The next day, or whenever the weather gets warm enough to enable them to move, they will unite without any fighting or loss from the transferred bees seeking their old stand. The division-board and any combs in excess of what the united households require should then be removed.

If uniting must be done in warmer weather, some attention should be given at first to see if fighting takes place. If this occurs, a few good smokings will put an end to it. Or a little very thin syrup, or honey spilled down the inside of the hive at once may prevent fighting by furnishing more congenial employment.

If one's weak colonies happen to be all after-swarms, the case is different, and the necessity of uniting is, to say the least, questionable. These colonies all have young and vigorous queens, and if not well through the winter are pretty sure to be among the best next summer. If their winter quarters are right as to temperature, a small colony will, as a rule, winter as well as a large one, sometimes better. While the value of a colony next season must depend largely on the number and efficiency of the workers that come out alive in the spring, it depends even more on the vigor of the queen then and throughout the season. Now, as these young queens can be depended on in all respects, it would seem well to carry as many of them as possible through the winter. Thus, more particularly in view of the rapidly increasing demand for bees.

A good idea, then, would be to give the honey flow story, taken in a general way, so far as the north-western provinces are concerned, and to give some hints as to how it may be secured, by means of a little book, or series of articles, or by some other means. It is true, that in some cases, the bees of a colony may be so weak that it is better to give up the colony, but in most cases, it is better to give them a chance, and to give them the best possible chance.

Our Scottish Letter.

THE ROYAL SHOW.

The curtain has rung down on the last of the peripatetic shows, otherwise known as the country meetings of the Royal Agricultural Society of England. There was a certain fitness in the last of the sixty-three being held in the great border town of Carlisle. It has been a friendly combat between those who in other days fought stubbornly with each other and liquidated damages by the simple process of appropriating each other's goods as opportunity offered. Three times has the Royal visited Carlisle—namely, in 1855, 1880 and 1902. Sir Jacob Wilson is one of the few survivors of the old brigade who have been present at all three. To him belongs the honor of organizing the Royal shows on the imperial lines with which this country has been long familiar. As an ideal exhibition of live stock, implements and other articles and machinery cognate to agriculture, the Royal Show has long been very hard to beat. But its very success has been its ruin as a peripatetic or migratory institution. Its exhibits demanded much greater space for their display than could be conveniently found near to any large center of population. Its carefully-planned circuit latterly could not be followed because representative cities and towns would not undertake the cost of fitting up and laying out the site, and in the end of the day the society was compelled to face either the curtailment of its show-yard or the selection of a permanent site. The council, without consulting the membership, resolved on the latter alternative, and, in my opinion, they have made a serious mistake, alike from the standpoint of the society's own finances and the educational advantages which it was so well fitted to confer on the country. H. R. H. the Prince Christian, K. G., a brother-in-law of the King, is president this year, and he rightly characterized the impending change as momentous. It amounts to a crisis in the fortunes of the society, and time alone will show whose judgment in the matter has been sound.

The last of the "country" meetings has not been favored with the best of weather. On the judging day (Monday) the weather auspices were of the best. The following day there was a persistent downpour of what is called Scotch mist,—not heavy, driving blasts, but a steady soaking of all things from the sky. Wednesday saw matters greatly improved. It was dry above, and a steady breeze blowing all day helped to dry up the sodden earth. But on the Wednesday evening rain again began to fall, and Thursday was one of the worst possible days for "doing" a cattle show. Rain fell in drenching showers, the clay soil became sticky and slippery, and the only folks who throve were the "bootblacks," who did a roaring trade at the exit gates. Financially, the show cannot be a success, but educationally and as an object lesson in British stock-breeding and progressive agriculture, it easily takes a foremost place. Having been at every Royal Show since 1879, except that at Derby in 1881, I do not hesitate to place the show of 1902 very near the top, and it certainly attains to the dignity of the front rank. The cattle breeds are magnificently represented, notably the Shorthorns and Galloways; Clydesdales have again demonstrated their supremacy amongst draft breeds; the North of England has shown that it can still breed hunters and coaching horses; as for sheep, the general standard is high, and an expert declared that the pigs were the finest display he had ever seen at a Royal Show. A bird's-eye view of the different sections specially interesting to Canadian readers is all that can be attempted here.

Shorthorns have seldom been better represented at the Royal Show. The star of the Scots variety was again in the ascendant. Nothing else had much of a chance. For the third time in succession, the magnificent bull, Royal Duke 75509, was champion of the Royal Show. He is only four years old, and has been champion here in 1899, 1900 and 1902. He was also champion at the Royal, Dublin, and at the Highland two years ago, so that he has won supreme honors in all three sections of His Majesty's home dominions. He was bred at the Royal farms and continues there, although it is understood very high prices were offered for him, as a two-year-old, by the South American brigade. Not a brilliant walker and not too well colored in the head; when these things have been specified, no further objection can be made to this great bull. He is to be a father, the Royal herds supplying a first-prize yearling in a large class of yearling heifers with one of his gets. Another Royal herds bull, Pride of Collynie 75218, from Sandringham, was third. He was bred by Mr. Wm. Duthie, and passed through the hands of that "crack" stock-breeder and farmer, Mr. James Dums, Jackstown, Rotherham, to Sandringham. Mr. Bell Ratcheigh, Wiltshire, a North of England farmer, had the honor of dividing the year Royal bulls with his Baron Abbotford 70957, whose dam was a Collynie

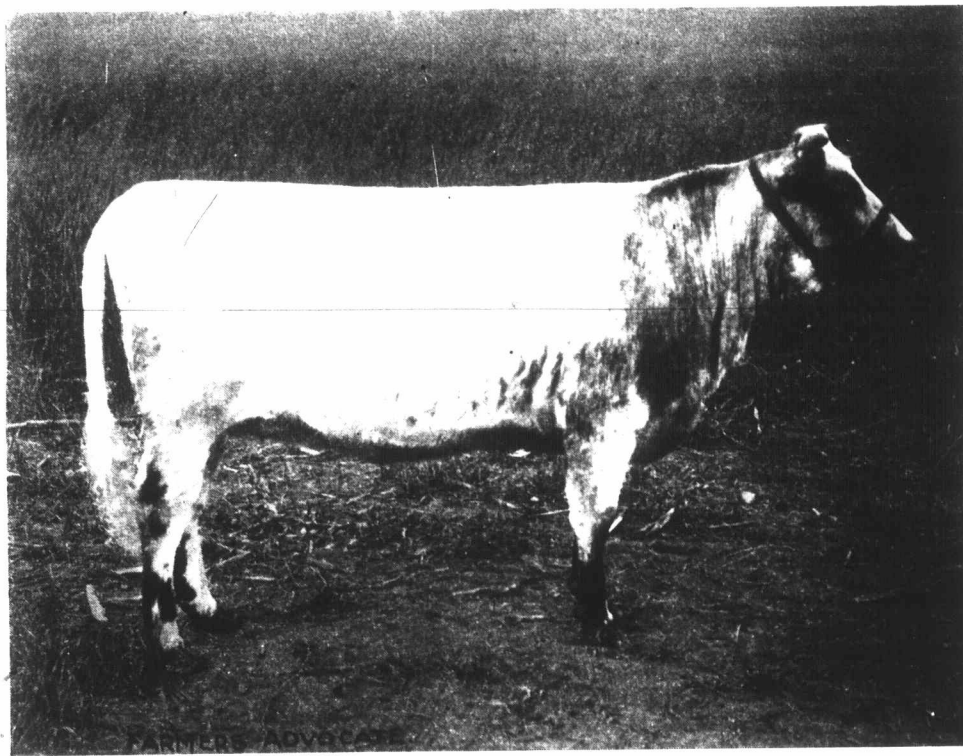
cow. Another tenant farmer, Mr. John Handley, Greenhead, Milnthorpe, who owns fine cattle in Westmoreland, was first in the two-year-old class with Pearl King 79531, a fine roan, bred in Lancashire, and you don't want to see a better. His follower was Mr. J. Deane Willis' white bull, C. I. V., a typical "Scots" Shorthorn, very neat, compact and level as far as he goes, but, unfortunately, that is not very far, as there is comparatively little of him. Still, two English judges at the Royal Counties Show at Reading actually thought him good enough to beat Royal Duke. Mr. Deane Willis has a grand herd of genuine Cruickshank cattle down in Wilts, and he led the yearling bull class with Bapton Florist, a lovely roan, the second being Mr. Bell's Baron Ratcheugh, a son of his second-prize old bull. The champion of the females was a lovely two-year-old heifer, Flora VI., owned by Mr. George Harrison, Gainford Hall, Darlington, who is very nearly if not quite the best Shorthorn judge in England. This heifer was calved to Mr. Naylor, down in Welshepool, but she is an out-and-out Scot. Mr. Naylor purchased her dam, Flora IV., at the Auchronie sale in Aberdeenshire, carrying this heifer, whose sire was the Uppermill bull, Easter Gift, by Wanderer. There was no challenge of the judgment which gave this heifer supreme honors. Her stiffest opponent was the first-prize cow in milk, Lord Calthorpe's Warrior Queen, a roan five-year-old which, as a yearling heifer, in the hands of her breeder, Captain Duncombe, created a sensation. She fell off a little after that, but makes a gem of a cow. Her hardest opponent again in the class was Mr. Deane Willis' beautiful four-year-old, White Heather, bred in Aberdeenshire, by Mr. J. B. Manson, Kilblean, and female champion at the Royal in 1901. Yet another north country heifer led the three-year-old class—viz., Mr. Henry Dudding's Hawthorn Blossom X., bred by Messrs. Law, Mains of Sanquhar, Forres, and a level, true animal. Lest anyone should suppose that patriotism had something to do with these victories for north country bred cattle, it is to be observed that they are all owned in England, and the judges were both Englishmen—viz., Messrs. Robert Wright, Nocton Heath, Lincoln, and Geo. J. Bell, Standingstone, Wigtown, Cumberland.

Lincoln Reds are a Shorthorn variety for which a good word must be said. They are preserved in Lincolnshire, are of a deep red color, good milkers, and prime grazing cattle. At Carlisle they made an effective exhibit, the Messrs. Chatterton's big four-year-old bull, Walmslate Mate II, 1722, from Stenigot, being well worth going some distance to see.

After the Shorthorns, in point of excellence as a breed exhibit, came the Galloways. They were not quite as well judged as the red, white and roans, but the champions were right. The bull, Mr. David Brown's Campfollower of Stepford 7476, has never been beaten. He was bred by his owner at Lower Stepford, Dunscore, and is one of the levellest bulls ever seen of any breed. His uniformity is something well worth going a long distance to see, and it is a great credit to a small tenant farmer to have bred such an animal. Mr. Andrew Montgomery, of Netherhall, had the reserve champion bull in the yearling, Scottish Chief 3rd of Castlemilk 8054, and the champion female in the two-year-old heifer, Lady Douglas of Kilquhanity 16657. This is a lovely animal, level in flesh and outline, and one of the kind you always want to see as well as read about. Some "cracking" good cows were exhibited by Messrs. Biggar & Sons, Chapelton, Dalbeattie, and Mr. Robert Wilson, Kilquhanity, Dalbeattie, who bred the champion female, Sir Robert Jardine of Castlemilk, Bart., both bred and owned some of the best in the yard, and Major Wedderburn-Maxwell, of Glonlair, exhibited quite a number of high-class specimens. Aberdeen-Angus cattle will be seen to much better advantage on their native heath next week, but the exhibit at Carlisle was more than creditable. The breed champion was Mr. J. J. Criddle's Elate 16513, a three-year-old bull which last year was reserve. He is an exceptionally well-bred specimen, and takes a deal of beating in the best of company. Needless to say, he is an out-and-out Friesian, and has all the quality and symmetry for which that race is famed. Lord Strathmore, of Glamis Castle, Forfar, was showing some choice heifers, his first-prize yearling standing reserve for champion honors. The King had the first prize cow all the way from Abergeldie Mains, Ballinacraig, Ayrshires were worthily represented, the Ayrshire fancier, Mr. Robert Wilson, Man-wraes, Duke of Weir, leading with a pair of cows of the right stamp for the dairy. Mr. James Howie of House, Kilmarnock, had forward his subject, Bull, Not Likely, which again won, and Mr. Andrew Mitchell, Barcheskie, Kirkeudbright, was the best-prize winner.

Clydesdales are bred in Cumberland, to some purpose, as seldom has the commercial value of the breed been better demonstrated than at this show. The classes for agricultural horses, Red Shires, and the produce of Clydesdale sires and mares of the northern counties of England, many of them are sufficiently well bred to be registered in the Clydesdale stud book, and of them showed the value of the

Clydesdale stallion as a draft horse sire. The most successful sires in this department were Lord Lothian 5998, a horse which has been of incalculable benefit to Cumberland; the Seaham Stud horse, Lord Stewart 10081, and a capital breeding horse named Royal Champion 8056. In the open draft-horse competition on the Thursday, pairs of Clydesdale geldings or mares competed against pairs of Shires, the judges being Captain Heaton, Worsley, the manager of Lord Ellesmere's great Shire stud, and Mr. John McCaig, Challock, Stranraer, the breeder of the famous Clydesdale sire, Prince of Carruchan 8151. In the class for pairs, Mr. Wm. Clark, Netherlea, was first with the Clydesdale geldings, Perfection and Bay Champion, the former never beaten and by the champion Royal Garty 9811, and the latter by Royal Reward. A Leeds firm of contractors was second with a pair—a gelding and a mare—by Lord Lothian 5998, and a Shire pair of big chestnut geldings was third. In the class for single geldings, before the same judges, Clydesdales were again first and second, and a Shire third. In the breeding classes for horses and mares bred on studbook lines, and conforming to pedigree rules, there was a fine show; but generally, so far as sires were concerned, it was very much a case of Baron's Pride 9121 first, and the rest nowhere. This was not the case absolutely. The championship went to the first yearling colt, Mertoun, bred by Lord Polwarth, and owned by Messrs. A. & W. Montgomery. He was got by the Macgregor sire, McRaith 10229, and was first at Castle Douglas and Ayr. In the three-year-old class, the Seaham Stud Company (Ltd) led with their fine, handsome horse, Silver Cup 11184, a son of Baron's Pride; the second being Messrs. Montgomery's Royal Baron 11161, by the same sire. This is a reversal of the Ayr



ROAN QUEEN 17451

A beautiful heifer entered by Capt. T. E. Robson for the Shorthorn sale, on August 13th, at Hamilton, Ont. (See Gossip, page 391.)

award, but was generally approved. In the two-year-old class, the Messrs. Montgomery were first with King's Crest 11385, the winner at Edinburgh and a very thick, "chummy" horse, which has already been hired for 1902. Mr. A. B. Matthews had second in this class, and another good one in the class was also owned by him. Amongst the mares and fillies, by far the most successful exhibitor was Mr. Thomas Smith, Bacon Point, Chester. He showed the fine old mare, Royal Rose 12194, in the brood mare class, taking second prize with her. Her daughter, Lady Primrose, by Prince Pleasing 10259, a fine big upstanding black mare, was second in the three-year-old class, and another daughter, Royal Ruby, was first in the two-year-old class, as at Ayr, and champion female here as she was there. Mr. Smith had first in the brood mare class with Cedric Princess; and Mr. St. Clair Cunningham, Heddervichhill, Dumbar, first in the three-year-old class with White Heather, the winner at Ayr and Edinburgh, and reserve champion at both places, as she was here. Both are like Royal Ruby, by Baron's Pride; and the third three-year-old filly, and second and third two-year-old fillies were by the same sire. The first yearling filly is an upstanding quality filly from the Seaham Stud, got by Lord Stewart, and the second was from Mr. Pilkington's stud, and got by Baron's Pride, out of the 1,000-gs. yearling filly, Queen of the Rocks.

SCOTLAND YET.

Now that you have seen that from the best shows and the best judges, it is not allowed what you have heard of Clydesdales, but because determined to make a good exhibit of our young and rising draft horses, we are glad to have the assistance of the...

August Gardening.

If the weeds have been kept well in check during July, very little trouble with them will be experienced now, as the first crop being destroyed before seeding, the annual weeds cannot flourish, and outside of such perennial pests as chickweed or pusley, plantain and couch grass, which sprout from the root, there is little trouble, the crops should now be luxuriant and very little space for weeds left except between the rows, where they can be kept in check with little labor. Where water can be secured, watering should not be neglected in dry spells, as it pays better than anything, except continuous cultivation, during August. It should be done in the evening if possible, as if put on in midday it rapidly evaporates, and, besides, is liable either to scald or chill the plant. If the soil is stirred or cultivated soon after, a mulch is formed by the particles of soil, preventing the rise of the water to the surface and holding it for the use of the plant. Where watering is referred to in these articles, it means a good soaking or pouring. A sprinkling, unless on some flowers, will do more harm than good, as the drops of water on the leaves attract the sun and scald and spot the plants to a great extent. By taking the sprinkler off the watering-can and placing the spout of the can near the root of the plant, to be watered, watering can be very quickly done, as fast as a man can walk in most cases. Cucumbers, squash and cabbage pay best for watering, but tomatoes, although giving an immense crop, are rendered late in ripening, as heat is their great requirement.

Beans and peas need little care other than the removal of large weeds and shallow cultivation. The pods should be picked as soon as of eatable size, as if left later they get tough and stringy, and in the case of the wax beans are liable to rust and destroy both pod and bean. There is a remedy for bean rust in Bordeaux mixture, as is used to destroy scab on apples, but as this is highly poisonous, it should not be applied after the pods begin to form. The pea louse, or aphid, is a serious pest this month, and is about the hardest to fight or exterminate. If the first arrivals are sprayed with kerosene emulsion or tobacco water, there is seldom trouble, but if not attended to they multiply with great rapidity, and if the vines are sprayed the foliage is destroyed as well as the aphids. The only remedy appears to be to brush them off the vines with small branches and then cultivate

before they can get a chance to get back again. Beets, parsnips and most other root crops are immune from insect pests, and thorough cultivation, resulting in the destruction of weeds and the conservation of moisture, is all that need be done to secure a good crop. The carrot rust fly, which deposits its eggs in the soil around carrots, the maggot afterwards burrowing into and destroying the root, can be prevented to a great extent by liming. Some dry, powdered lime sprinkled along the rows and worked in the first half of the month, I have found to be a good remedy; but this pest is not widespread, and, taking it all together, root vegetables require little attention. Cabbage, cauliflower, etc., need to be kept cultivated not too deeply so as it might injure the roots. If the large green worm appears, the plant may be sprayed with diluted Paris green or hellebore, but after they begin to head, hand-picking is the only remedy. Poison applied while the head is forming is a dangerous practice. Cucumbers need to be picked as fast as formed, or the vines will soon stop bearing. Frequent watering will make the fruit more uniform and keep them from becoming bitter, as they are very liable to do in hot weather. Unless the tomatoes have had some support given them during the previous month, they should be tied up and the growing fruit kept off the ground. If the ground will be done, a single placed on the ground and each large cluster of fruit supported, and will prevent much loss from decay and rot. If they are very large, and a few from each cluster are chosen, I find more success than with a large number, and support all the unmarketable ones, to be sold, and to keep the bearing branches from being a great improvement. The sun thus

leads to the green fruit and ripens many of them. Where tomatoes for pickling or chowchow are wanted, late plants set out where early potatoes have been taken from, and kept watered, will give immense quantities of green fruit, especially if the ground is very rich and shaded. Late potatoes and corn need to be hilled during the month, but not high, the advantage in the case of potatoes to prevent the exposure of the stalk and roots to the sun, and of corn to steady the plant so that the wind will not have such an effect on it. Shallow cultivation or undertillage is now depended upon almost exclusively for the benefit that formerly was thought only possible by hilling.

The fruit portion of the garden after the berries are gathered needs very little care till fall unless to keep down insect pests and promote ripening of the wood for the following season.

EDGAR MACKINLAY.

South Africa Needs Pure-bred Stock.

Now that peace has been restored and the agricultural lands of South Africa are once more to come under the plow, it is more than probable that a demand will come from that direction for pure-bred breeding stock. The official journal of the Cape Department of Agriculture states that there is no doubt that an opportunity to get possession of cattle of first-class breeding would be eagerly seized by many stock-breeders, and that if high-priced animals of good pedigree were landed at Cape Town, Port Elizabeth, or East London, many farmers would willingly take the trip and pay the price. Should a trade in pure blood be developed with the new colonies, the present high prices of pedigreed stock may be expected to continue for some time.

The Ontario Hog Census.

It is interesting to note, by the tabulated returns of the Ontario Bureau of Industries, the number of hogs reported from the various counties. On July 1st of a recent year, all told there were 1,771,641 hogs reported in 48 counties. The lowest was Nipissing, with 1,797, and the highest was Kent. The twelve counties having the greatest hog population were as follows:

Kent	115,719
Essex	95,073
Simcoe	94,446
Middlesex	78,131
Wellington	74,301
Huron	72,925
Grey	71,468
Elgin	70,314
Oxford	66,118
York	61,874
Perth	59,634
Bruce	58,810

Dilution Cream-Raising.

In Germany one of those hydraulic or dilution "separators," which have so frequently been exposed in the "Farmer's Advocate," was tested by Dr. Klein, with the result that in 25 trials the skim milk tested from 52 to 1.25 per cent. of fat. Most of the best hand separators do not leave more than .15, and often less. The use of these so-called "separators" lose from .37 to 1.1 lbs. of butter-fat for every hundred pounds of milk "set." The average loss was .59 or .41 more than with the hand separators, and this means with an average cow giving 1,000 lbs. of milk, an annual loss of 17.6 lbs. of butter-fat, which, at 18 cents per pound, means a loss of \$3.16 per cow. One of the alleged separators which the "Farmer's Advocate" had tested at the Toronto Exhibition, in 1900, actually showed a loss of one-quarter of the fat in the milk!

Individual Value of Dairy Cows.

At the Illinois Experiment Station a record of the food consumed and the milk and butter-fat produced by two ordinary looking dairy cows has been kept for the past year. They were fed the same ration and treated alike in every respect. One consumed 6,178 lbs. digestible dry matter and produced 11,329 lbs. milk and 565 lbs. butter. The other consumed 6,189 lbs. dry matter and produced 7,779 lbs. milk and 239 lbs. butter. The difference in the value of the milk and butter is \$17.09. This should be a warning to those who are inclined to look for a return on their investment in a cow when to weed out the inferior ones and give them an opportunity.

Culture of Fall Wheat in Central Alberta.

I have noticed from time to time remarks in the "Farmer's Advocate" as to the culture of fall wheat in Alberta, and it has occurred to me that perhaps the result of my own observations for the last three seasons may be of interest not only to "Advocate" readers, but to all those who are watching the development of Alberta. Among the points I have noticed during my periodical round as Weed Inspector for Central Alberta have been the conditions under which fall wheat has succeeded or failed in my district (Lacombe, Red Deer and Innisfail), and it seems to me that failure or success depends greatly on (1) the aspect, (2) date of seeding, and (3) depth of drill, and not so much on the character of the winter, for the last winter was lacking in snow. A gentle slope to the west or north-west (one which will not get the direct rays of the winter sun) appears to be the best situation. Of 20 men who are growing fall wheat in my district, one put his crop in in a field sloping due south, and the result was that such snow as fell soon melted. Whether through want of protection, or some other cause his crop, which had secured a good growth by winter, was entirely winter-killed, not a blade surviving. The majority of the others sowed on western or north-western aspects, and one or two on absolutely level land, and all their wheat, with three exceptions, not only wintered well but stood the abnormal rain-fall of May and June unharmed. The three exceptions were clearly not traceable to the site chosen, because neighbors in precisely the same positions were successful. In the first of these three cases, the grain was put in at different depths, and the shallow-drilled seed, though sprouting with the rest, did not survive the winter. In the second case, too many heavy cattle were, I think, allowed to roam on the field, and by uprooting and hoofing much of it, only about a remnant of the crop survived, but that remnant is doing well. In the third case, the grain was put in on September 27th and October 1st, and though sprouting an inch or so before winter and a portion actually surviving the winter, the bulk perished. Aspect, therefore, seems to be a great feature to be regarded.

Equally or even more to be considered is the date for seeding. Farmers east of Red Deer advocate seeding between July 15th and August 1st and the crops of those who so seeded are certainly looking extremely well, and, notwithstanding our backward season, some was heading out on June 20th. One or two seeded on August 15th, but though at first glance there did not seem much difference, if any, between the stage of growth of the crops from that seeding and those of the July seeding, it seemed to me that the July seeding produced the heaviest crop. In both cases the variety sown was the Kansas Red. One farmer seeded on September 1st and 7th, and, thanks to an unusually open fall, during which vegetation continued till late, he secured a good growth before frost, cut it down and has successfully wintered the crop. That these late dates are somewhat risky may be inferred from the fact that this crop is very irregular, part heading out on June 20th and part only six inches high.

One characteristic peculiar to fall wheat it is as well perhaps to remind those of the "Advocate" readers who contemplate trying it for the first time, is that as it is sown by, at any rate, not later than the first week in August, and is not harvested till say August 10th of the following year, they should lay in a stock of seed, enough to cover in good granaries, to carry them through next year's seeding also. On this account it is to be feared that many will this year be unable to continue their fall wheat unless they can get the seed from outside sources, as they ought to secure sufficient last year from the C. P. R. for two seedings. A costly experiment is under way to try whether it was possible to seed the same year from the current harvest, was made by one of the growers in my district. For two years he has grown fall wheat and harvested without a failure on 10th to 15th August. Last fall he cut somewhat earlier, with the result that the grain was not properly mature and became totally ruined for seed. Fortunately, he had stock some seed which he put in, and has now a very fine crop.

With regard to depth of drill, experts are wont to show that the seed should be drilled in just as deep as the drill can be set, and kept at that line throughout the fall.

For a list of wheat varieties and their best districts, you would do well to refer to the Red Deer Bulletin, furnished by the Provincial Department of Agriculture, in which, for the year 1900, he shows that the wheat which was raised in the best districts in the province was the result of a selection of the best varieties of the year 1900. It is also worth noting that the best wheat raised in the province in 1900 was the result of a selection of the best varieties of the year 1900. It is also worth noting that the best wheat raised in the province in 1900 was the result of a selection of the best varieties of the year 1900.

There is no doubt that the successful wintering by so many farmers of fall wheat, coupled with the many advantages—e. g., fields cleared of weeds, a time of comparative leisure for seeding, an early harvest (before frost or snow)—will induce many more men to try.

ALTA PERCY B. GREGSON.

Judging in the Ring.

BY PROF. J. J. FERGUSON, MICHIGAN AGRICULTURAL COLLEGE.

With few exceptions, stockmen are agreed that the competition and friendly rivalry engendered through the medium of the show-ring is one of the most potent factors in the development and advancement of the interests of pure-bred live stock. During the past five years more than ever have stockmen and farmers been looking to the same source for positive information and education as to what was correct in form and type in the different breeds represented. Few of our judges realize to the full the responsibility thus resting upon them. In the case of our larger shows this responsibility becomes something more than that forbidding the giving of false impressions and ideals to the onlooker; it means much in the way of dollars and cents to the exhibitors, and also more to them in that the ring is the final tribunal which shall approve or condemn the result of long years, perhaps, of careful work. Hence, to be thoroughly competent to do the work of an expert judge, a man must have a close and thorough knowledge of what has been and is the correct ideal of the particular class of animals with which he has to deal. With some of our breeds there is even yet a considerable legitimate latitude through which a judge may range. It seems to us that the commercial mart is the final test of an animal's worth for any specific purpose, and whether that mart be the pure-bred sale-ring or the stock-yards pen, the man playing awards should be guided largely by what is most in demand from those centers. Over and above all this there will come in the indefinite something we term quality, which will vary as breeds themselves vary. Quality is clearly something you cannot measure in cold type. Often we find two animals practically alike in general conformation, but one possesses this indefinable something which the other lacks. Ring reporters try to voice it when they speak of "an aristocratic bull," "a matronly cow," or "a sweet, winsome heifer." We believe, and we say it with all due respect, that a large percentage of the men who officiate in the ring are seriously deficient in a proper conception of the finer points of breed quality.

USE OF SCORE-CARDS.

The time is past, if, indeed, it ever existed, when men claimed to be able to enter the ring and do good comparative work by means of these. The poultry show is the only place where we find them in use to-day. In college work we use score cards to acquaint our students with detailed points of conformation, but we always tell the men that score-card work alone can never make skilled expert judges. If it were for no other reason, they are too slow. Think of a man working over a ring of 35 yearling Shorthorn heifers, score-card in hand. Such a one would need the supplementary service of an expert accountant.

The following were drawn up for the benefit of our graduating class, many of whom will shortly be called upon to do ring work at their local fairs. They are given with the hope that they may be helpful to the judge starting work for perhaps the first time.

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

Sheep at the Royal Show.

For variety of breed, number of entries, and individual merit, the Carlisle Royal Show, with its sixty-five classes of sixteen breeds and five hundred and forty-five entries, will take rank amongst the records for high quality, typical character and merit.

The Oxford Down, with an entry of forty-three, took first place in the schedule, whose order we follow throughout. At the top of the old ram class and also in the yearling ram class, Mr. T. F. Hobbs had a couple of noble, symmetrical rams, whose good conformation and typical flesh made them most excellent specimens of their breed. The winning two-shear ram goes to your country. The same breeder won second honors, which would have been more correctly placed head. Mr. John Treadwell's grand ram, of the finest quality, secured the honors. Mr. A. Brassey led the way in the yearling ewe, ram lamb and ewe lamb classes, and also took second honors for yearling rams. The winning sheep from this flock, notably the ewes, were of real good merit and quality. Mr. R. W. Hobbs, whose yearling ram was third and the ewes from the same flock occupied the same place in their class, exhibits sheep of that fine merit and typical character that shows his to be a flock from whence sheep of the right sort can be obtained. Both the ram and ewes are, we understand, coming to the States, where they will assuredly take high places. Mr. T. T. Hobbs' second-prize ewes, ram lambs and ewe lambs displayed fine conformation, capital flesh and great substance, which would make them most desirable additions to any flock, no matter how good. Amongst other noticeable flocks was that of Mr. J. W. Stillegoe, who was strongly represented in the lamb classes. The Shropshires made, as is usual, the largest entry, seventy-eight being the number present. This breed was in grand shape and its entries of very high merit. Messrs. Evans won for old rams with a capital animal and Mr. R. P. Cooper being second, but in the notable class of yearling rams Mr. Cooper led the way with one whose grand type and conformation rendered him a most valuable sheep, though Mrs. Barrs, who came in for next honors, ran him very close with a most typical ram of grand fleece, flesh and skin. A ram greatly noticed was Mr. W. F. Inge's third-prize sheep, whose grand flesh and fine type made him a valuable ram. Mr. B. Wall was r. n. with a ram who went to a home breeder at \$500, and quite a large number of others were accorded places in the award list. Pens of five were another strong class. Mrs. M. Barrs, who won here, clearly showed how valuable and grand a lot of rams they have this year by the specially fine lot which secured this notable honor. Sir P. A. Munty, Bart., M. P., came in second with a typical, good-coated and well-matched pen. Mr. Inge's third winners were of notable merit; and the r. n., secured by Mr. John Harding, went to a pen of sound constitution and typical character. Again, in the ram lambs, Mrs. M. Barrs headed the list with a beautifully matched pen. Mr. D. Buttar, from Scotland, coming in for second honors with a pen of the greatest promise, and the r. n. went to Mr. B. Wall. Sir P. A. Munty, Bart., led in the ewes with a notable pen, alike good in fleece, flesh and type. Second honors were given to a wide, deep and typical pen of Mr. W. F. Inge's, which will, like Mr. R. P. Cooper's grand, wide and deep-flesh pen who came third, be seen on your side of the herring pond next fall. The wonderfully true and typical pen of lambs that won for Mr. W. F. Inge were fully deserving of their honor, whilst Mr. J. Harding's, the second winners, were as good a pen as we have seen from this flock for many years. Mr. B. Wall once again, with a fine, well-brought-out pen, just failed to reach the cash award.

The Southdown entry of sixty-seven enabled this breed to display to its fullest extent its merit as a mutton producer. The rotund and symmetrical formation of these grand sheep was greatly admired by all who saw them. Mr. C. Adame led in the old ram class with one of noticeable merit, Mr. J. Colman's second winner displaying rather better type and character and equally good flesh, the Earl of Cadogan being r. n. The yearling rams were led by a grand sheep from Col. McCalmont's excellent flock, and he won the champion honors of its breed, a position his merit and quality fully entitled him to. Mr. C. Adame came next with one who was champion at the Royal Counties Show. He comes to Canada, where, we have little doubt, he will secure just appreciation of his merit. Mr. E. Ellis gets third with a ram of fine quality but small. Col. McCalmont came in for r. n. The ram lamb class was led by Mr. C. Adame's well-matched trio, but we preferred the type and character displayed by Col. McCalmont's pen who were second. The Earl of Ellesmere's well-shown ram, hardly a good match, one being better than the other two, came in for r. n. Col. McCalmont again led the way in the ewe class with a very notable pen, wide and deep in carcass, but in their flesh. A most typical pen from Mr. J. Colman's flock secured the second award, while a pen, rather less over-stuffed, but of the grandest character, from the Packer Harbor Co., came in for third honors, with the Earl of Cadogan's pen r. n. Adame went to the fore in the ewe lamb class. No less than four second awards were given him for six pens, the other two being r. n. Col. McCalmont better r. n. The Oxford Down was away from its principal breed, the Oxford Down, were not shown, as is usual, but the forty-nine that were

present did the breed credit as mutton producers of the highest type. Mr. James Flower won both champion prizes—i. e., those for males and females—as well as first honors for two-shear rams. These sheep were of that character that few can equal and none excel. Sir J. B. Maple came second for old rams, and Mr. C. A. Scott-Murray second and third for yearling ram, with two sheep that are notably fine specimens of their breed. As before remarked, Mr. James Flower won the female champion prize, this being done with one of the most typical and best pens of ewes we have seen for many a day. His second pen won second honors. Mr. Carey Coles led in the ram lamb class, and the Earl of Carnarvon's pen in the ewe lamb class—an unbeaten pen of the finest merit. Twenty-three entries made a most creditable showing of this breed. Mr. H. E. Smith winning the champion prize, and Major Baird with Messrs. T. Goodchild and R. Sherwood sharing the leading honors.

The Lincolns were hardly so strong as in more recent years, but some grand specimens were included in their classes, notably the two-shear ram that won first and champion honors for Mr. Tom Casswell, the yearling rams and ewes that took first honors for Messrs. Wright, and the ram and ewe lambs that so decidedly led the way and won so easily for Mr. Henry Dudding, whose flock is supplying a large contingent for your country of most typical sheep. The thirty-two entries of Leicester sheep made a notable entry in respect to merit and conformation, and the winners of Mr. G. Harrison, who won in each class save where Mr. E. F. Jordan came in for premier honors, are of the highest merit and most typical character.

Cotswolds made a very excellent entry. Messrs. W. T. Garne and W. Houlton being the principal winners, though in the ewe and lamb classes Mr. Swanwick came

Increasing Butter-fat in Milk.

Can the percentage of butter-fat in cow's milk be increased by feeding, and as it increases in quantity will it also increase in quality.

JOHN FARISH.

Ans.—With a view to settling this question, experiments have been conducted in nearly every country in the world where dairying is carried on, and the consensus of opinion to-day is that the quality of the feed has little or no effect upon the percentage of fat in milk. Any variations to be found are, therefore, traceable either to the inherent powers of the animal to give rich or poor milk or to the length of time since the milking period began. Dairymen who wish to improve the capacity of their herd to give rich milk, must look to breeding rather than feeding for success.

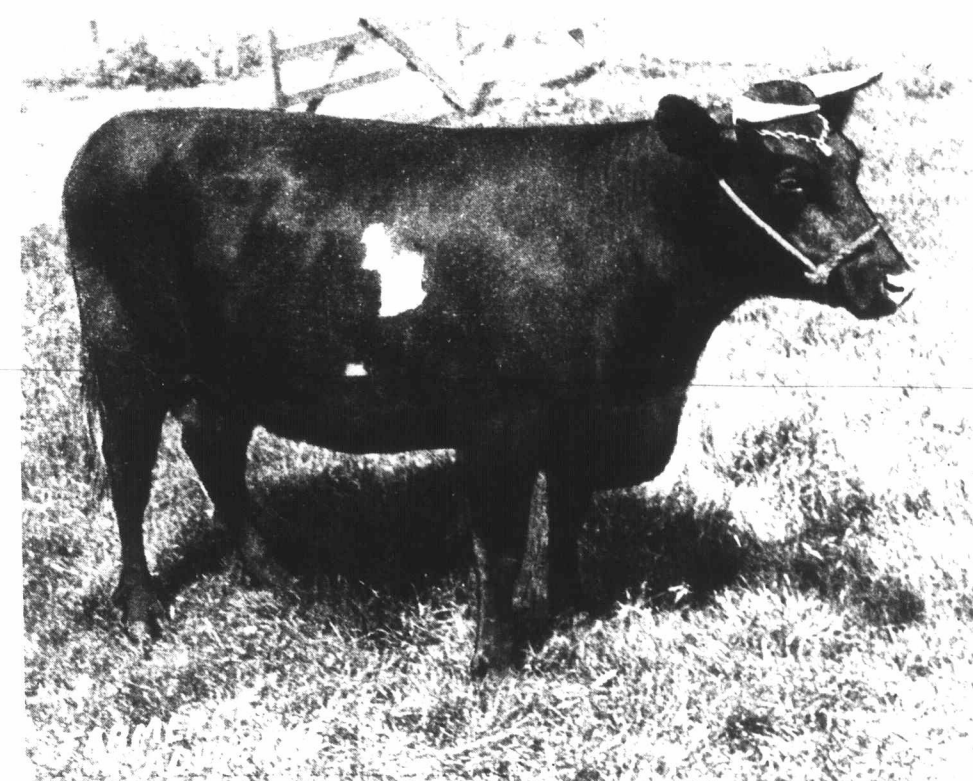
Cross-breeds as Milkers.

THE JERSEY-SHORTHORN.

A writer in the Farmer and Stock-breeder, of London, England, writing on the above subject, says: "Tis strange, but a fact, that the most copious milkers are found among crosses, and, singularly enough, a strain between a middling milking breed and a good one may give very profitable animals. The most valuable all-round milking cows I have ever bred have been produced by mating Jersey bulls with Shorthorn cows. This excellent cross is not nearly sufficiently known. There appears to be more mingling of the blood in the South Midlands and in Cornwall, though than anywhere else. Along the southern counties most dairy folks appear to use

one or two pure Channel Island cows in the herds to improve the whole tale of milk, or else give the main herd just a light strain of the blood. But I have proved over and over again that in crossing for milk it is the better plan to make a clean cross, as then you know what you are doing; otherwise, you do not. And it is only where such absolute crosses are made that I will guarantee happy results.

On a typical Jersey-Shorthorn dairy cow you get the following sterling qualities: She is sure to be an early breeder, a deep milker, and pretty sure to give milk of more than average quality, although not, perhaps, so good as the pure-bred cattle of the sunny isles. She will be, as a rule, healthy, hearty, and tolerably hardy to stand our severe winters. Further, she will be docile and free from that troublesome habit of kicking, which reaches a vice in some breeds, and which causes the milkman to lose his temper and abuse his charges. Such disturbances never ought to occur among dairy cows, where gentleness and kindness is not only so greatly appreciated, but well repaid. Then the cross-bred under discussion holds up her flow of milk for a prolonged period, filling the pail most of the time, for she milks deeper than any pure bred, and yet she soon picks up condition when dried off, even in the few weeks' rest she gets and so well deserves. Her milk is good for either cheese or butter making. She is notoriously a free breeder, as well as an early one, as I have said, seldom going barren so as to lose time; this counts for a good deal. Lastly, she makes a substantial sum when her days of milking have terminated, for she sells readily to the neighboring grazier, or she may be fattened up for the butcher by the dairyman to make a good carcass, and is not long about it. She has, however, two drawbacks. She is not quite the sort to breed progeny for rearing for beef making, although she may throw some good dairy stock; and she always is just a little more subject to milk fever than some sorts of cows, but this is the case with nearly all free milkers."



NONPAREIL OF LAKEVIEW 3RD.

A grand contribution by Mr. W. D. Platt to the combination Shorthorn sale in Hamilton, Ont., on August 13th.

in for second honors, which would have been more correctly placed had they gone to Mr. W. T. Garne's second pen.

The entry of Border Leicesters, forty-two pens, was one of the best we have ever seen of the breed at the Royal Show, and it will long be remembered as an entry of most notable quality. Messrs. Nicholson, T. & J. Wood and J. and J. R. C. Smith were leading winners.

The Kent or Romney Marsh, which were not given full classification, had but eleven entries present. These were, however, of fine merit, Messrs. F. Neame and C. Fife being the winners. Wensleydales, Cheviots, Black-faced Mountain, Herdwick and Welsh Mountain sheep were also well represented; in fact, between them they made an exhibition of their several breeds of the most interesting description.

Fair Dates.

Table listing fair dates for various locations: Neepawa (Aug. 5 and Aug. 6), Melita (Aug. 5 and 6), Moose Jaw (Aug. 5), Souris (Aug. 5), Moosomin (Aug. 5), Regina (Aug. 21), Calgary postponed to September 1st.

UNITED STATES.

Table listing fair dates for various US states: Missouri Sedalia, Mo. (Aug. 18 to Aug. 21), Iowa Des Moines (Aug. 22 to 26), N. Y. State Fair Syracuse (Aug. 25 to 30), Ohio Columbus (Sept. 1 to 5), Minnesota Hubbard (Aug. 8 to 12), South Dakota Wood (Aug. 8 to 13), Western N. M. (Aug. 10 to 13), Indiana Indianapolis (Aug. 10 to 19), Michigan State Fair (Aug. 22 to 26), Linn Co. Ia. (Aug. 29 to Oct. 1), St. Louis Fair (Oct. 6 to 11), Kansas City (Oct. 20 to 25), International (Dec. 1 to Dec. 5).

No Butter for Export.

The United States will not likely have any butter for export this year. The home market has been able so far to consume all manufactured, and whether a foreign buyer can be sought for a part of the output will depend somewhat upon the consumption of oleomargarine.



FIRST-PRIZE AGRICULTURAL TEAM.
Portage Fair.

The Winnipeg Industrial.

Never was an exhibition favored with more perfect fair weather. Old Sol held sway without a ripple or a shadow of a cloud crossing his countenance from Monday morning till Friday night. It was hot the first few days, but that only served to pour shekels into the coffers of the soft-drink vendors. On Monday morning everything opened with a rush, it being children's day, with free admissions for all of school age, and they were there in thousands. Each day proved a record-breaker in point of numbers over corresponding days of any previous year, and the total attendance of over 100,000 is far in excess of any previous record.

The preparations made by the management for the entertainment of the people were well carried out, the racing programme and attractions being good, and the provisions for handling the immense throngs of people fairly adequate, so that little discomfort was experienced. The city, however, was caught unprepared to grapple with the crowds that poured in from all quarters, and sleeping accommodation was at a premium, while the hotels and caterers very unfairly took advantage of the opportunity and raised their prices.

On the opening day, the universally popular Lieutenant-Governor McMillan attended a luncheon given by the directors to a large number of prominent visitors and residents of the West. Most excellent speeches were delivered by His Honor in opening the fair, by the president, Mr. J. T. Gordon, and several others. The whole affair proved a most pleasing event. The luncheon given to the live-stock exhibitors on the Friday, when upwards of one hundred prominent stockmen were present, was a happy occasion, President Gordon making a neat speech in toasting the breeders, which was replied to briefly by the Hon. Thos. Greenway, Mr. Jas. Glennie, Mr. Steven Benson, Prof. Thos. Shaw and Dr. Quinn.

All the buildings, and most of the available space on the grounds were well filled with exhibits of an interesting and educational character.

It was especially gratifying to see such large exhibits of agricultural machinery, the Dering machine company being out in full force this year, as were a number of manufacturers of buggies, stock racks and other farm implements, woven wire fences, etc.

In the main building a great improvement had been effected over previous years by the introduction of motive power to operate the various lines of manufacture, and in this building some most interesting and instructive exhibits were to be seen. The manual training school and kindergarten exhibits were of especial interest as showing the extent to which the various branches of education have been developed.

At the Portage Fair, the first time, the exhibition was held in a building which was not only large but also well equipped with the necessary facilities for the accommodation of the exhibitors and the public.

Now that the exhibition has been held at Portage, its progress has been very satisfactory, and it is hoped that it will be a success in every respect.

It is to be hoped that both city and Province will unlose their purse-strings and place the Exhibition Board in a position to provide more suitable accommodation for exhibits of the manufacturers as well as for live-stock judging pavilions, the success and popularity of which was so amply demonstrated this year by the improvised judging pavilion.

On the whole, the Winnipeg Industrial Exhibition of 1902 is by all odds the greatest success that has yet been achieved, and the Board of Directors, particularly the president, Mr. J. T. Gordon, and the manager, Mr. E. W. Heubach, are to be congratulated upon the results of their efforts.

Below is a report of the live stock and agricultural sections of the fair, written by the "Farmer's Advocate" staff of reviewers:

CATTLE.

The exhibit of cattle on the whole and in the separate classes was greater in numbers and of higher average quality and condition than at any former exhibition here or anywhere in Western Canada, the classes in most of the breeds being well filled, and the condition of the animals in every department quite as good as the average as is generally seen at leading Eastern shows, if not, indeed, better, since there were fewer over-fat exhibits, while nearly all were well brought out as to quality of flesh and fitting. The beef breeds, which preponderate in Western shows, were judged in a covered building, open at the sides and having raised seats for the accommodation of

In the class for bulls four years old and over, an outstanding winner was found in the entry of J. G. Barron, of Carberry, the roan four-year-old, Topsman's Duke, a son of the former Canadian champion bull, Topsman, and of Gipsy Queen 2nd, a Kinellar Mina cow, bred by the Russells, of Richmond Hill. He is a bull of the type in favor at the present time, low-set, thick-fleshed and compactly built, has a good mason-line head, a strongly-muscled neck, with well-arched crest, smooth shoulders, big heart-girth, well-filled crops, a wide, strong, and thickly-fleshed loin, smooth and well-covered hooks, level quarters, broad buttocks, and a good set of legs well placed, and was from the first considered a strong candidate for championship honors, to which many of the breeders present thought his type and general character entitled him, having been accorded premier place here last year by Mr. R. Ogilvie in the competition for the Dominion Shorthorn Association's special for the best bull of the breed of any age. The red five-year-old Imp. Sir Colin Campbell, by Royal Mail, out of Clara 32nd, a lengthy, well-proportioned bull, shown by R. McLennan, Holmfild, was given second position; and Knight of Lancaster, a good, level, red bull, from the herd of G. & W. Bennie, Castleavery, third. In the list of three-year-old bulls, the erstwhile champion here, the roan, Sittytton Hero 7th, by Sittytton Hero, and from a Duchess of Gloster dam, shown by Hon. Thos. Greenway, from his Prairie Home herd at Crystal City, came out in splendid bloom and was a clear winner. He has been a strong card in the showing since he was a yearling, when he won the sweepstakes here and repeated the record last year under the rating of Professor Shaw, the presiding judge. He has steadily improved, growing broader and deeper, and has developed into a magnificent show bull, level, straight and smooth, with a commanding presence and the best of handling qualities in flesh and hide and hair, and though again hard pressed by Topsman's Duke in the contest for championship laurels, he wears them modestly once more, as by the ruling of judge Miller the best show bull among the six brilliant first-prize winners in the various sections of the class at the Winnipeg Industrial of 1902, while the character of his progeny shown here proclaims him a superior sire as well.

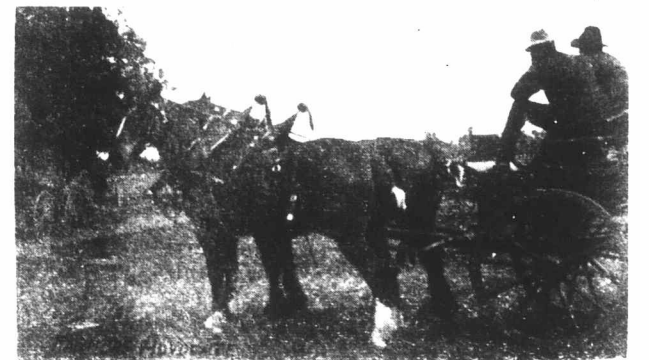
Imported Scottish Canadian, the roan bull lately at the head of the herd of Walter Lynch, and now owned by James Bray, Longburn, was moved into second place and filled it creditably, being a level and well-balanced animal, shown in moderate condition. If well fitted another year he will make a good one and should prove an impressive sire. President, a good, even bull, sired by Emperor Earl, and shown by Mrs. Jane Brown, Manitou, was placed third. In a strong string of two-year-old bulls, the white Lord Missie of Nunga, by Indian Nobleman, out of Missie of Neodpath, shown by Wm. Ryan, Nunga, was declared the winner. He is a bull of fine quality of flesh and skin, with grand hind quarters and general appearance, and was fortunate in finding his place above Barron's imported Pilgrim, given second position, a red bull imported by John Isaac, which has grown into a clever animal, with a finely-moulded form, a strong, neat and stylish front, capital loins and ribs, and if put in good



READY FOR THE STOCK PARADE.
Portage Summer Fair.

interested visitors and spectators, who in large numbers availed themselves of the privilege, and in comfort witnessing the placing of the awards, the animals standing and parading on the sawdust-covered floor, sheltered from the heat of the sun, which on these days was so intense that but for this provision both men and beasts must have suffered. In this regard, as in not a few others, Winnipeg's Exhibition's management pads all other summer shows in Canada, and has set an example which others may well copy, for in either wet or hot weather, a covered and seated judging pavilion is a great comfort, and goes far towards solving the problem of securing the interest of the people in seeing the best condition and judging the standard of type set in the various classes of live stock.

INDIAN BREEDS were on this occasion judged by Wm. J. Miller, Jr., Bringham, Ont., who performed his arduous duties of the position admirably, including the very diversified classification exhibited here, where, in addition to the regular open classes for animals of the various breeds, special lists of prizes offered by the Dominion Shorthorn Association, and by the Canadian Pacific Railway Company, for animals bred in the West by the Northwest Territories, and the Northwest, have to be placed, making the exhibition a very heavy task, and one requiring a great deal of careful attention. The standard of type set in the various classes of live stock was of a high order, and the animals were well brought out as to quality of flesh and fitting. The beef breeds, which preponderate in Western shows, were judged in a covered building, open at the sides and having raised seats for the accommodation of



FIRST-PRIZE DRAFT TEAM.
Portage Summer Fair.



CARBERRY SUMMER FAIR.

show condition next year will be very hard to beat. James Stamford Watt, a thick, fleshy roan, shown by Stephen Benson, Neopawa, made it interesting for the class and was favorite with more than a few for first position. He has a great wealth of good flesh, is low-set and thick, and gives promise of filling a good place as a sire, but fell into third position. John Graham, Carberry, showed a good entry in this section in Captain Jack, by Hillsburg Tom, out of Mildred 6th, bred by the Watts, of Salem. Moneyful Lad, red, sired by Royal Banner, was shown from the Greenway galaxy in fine form and fettle, and went to the head of the list of yearling bulls, followed by Stronsa Stamp, from the same herd, in second place, and he by August Archer, as third, a good, smooth, red son of Imp. Best of Archers, bred by Geo. Harding & Son, Wisconsin, and shown by J. A. Mitchell, Winnipeg. R. McLennan's Royal Campbell, a lengthy, level, good-handling roan son of Sir Colin Campbell, was placed fourth.

In a good class of eight bull calves under a year, the first award went to the Greenway herd for Choice Goods of Prairie Home, a smooth and sappy roan son of the old champion, Judge; second to a capital roan calf, Sittyton's Choice, shown by J. G. Washington, Niga, and sired by the sweepstakes bull, Sittyton Hero 7th, while owned by Mr. Washington last year. Third place was well filled by Sittyton Chief, another excellent red son of the champion, shown by Mr. Ryan. In a very good class of bull calves of the calendar year, Lavender Knight, an exceedingly handsome and evenly-proportioned red January calf, by Imp. Jubilee, and out of Lavender Lass, of the Prairie Home contingent, found favor with the judge for first place, second being awarded to the red Jubilee of P. H., by the same sire, and from the same herd; third to a good, level roan shown by Wm. Henderson, Wakona, sired by Sittyton Hero 7th, and fourth to a nice red Masterpiece calf of good quality, shown by James Bray.

A round dozen well-fitted cows filed into the ring and made a very interesting show, the only regrettable feature being that they represented only two herds, eight being of the herd of Mr. Greenway and four of that of Mr. Barron. It is, however, rarely that so many good ones are seen in one ring in this country. They were a useful, breedy-looking lot, in fine condition, in no case overdone, but likely to continue producing calves and feeding them well. The first and second awards went to the Prairie Home entries, the roan six-year-old cow, Jenny Lind 4th, bred by Sir Arthur Grant, the first-prize cow here last year, again leading. She has developed into a massive cow, still retaining her level lines and superb quality, and well deserves her place. Niga Jubilee Queen, a straight, smooth, useful four-year-old cow, taking second place; Mr. Barron's Lady Lorne 16th, third place, and his Louisa 15th, fourth position. In a class of six three-year-old cows, the prizes went to the Prairie Home entries, the premier position being taken by the red-white Matchless 25th, by Imp. Royal Prince. She came out in fine form, large for her age, strong-backed, smooth and useful looking, and fine feminine character and a lady-like attitude, which also carried her to the top in the championship competition, though every one of the five first-prize winners in the section of the class by ages was a first-class one, and all, in the way, were of the same herd as herself. The second winner was the roan, Village Princess, bred by Harry Smith, of Hay, and got by Mr. Barron, a familiar form in the show, thus being whose plump and level form were followed in a place near the head of the list. Duke, a broad, smooth and black, four-year-old cow, bred by Geo. Bruce, fell into third place, bred by the Watts, of Salem. Another thick roan, Matchless 15th, bred by the same sire, and the Scotch Chief, took fourth place. In a class of four two-year-old heifers, Mr. Greenway's entry, the roan, Village Princess, took first place, followed by the red, Matchless 11th, bred by the same sire. The second prize heifer was a light

one of fine quality and character, got by Crimson Knight, Primrose of Prairie Home, one of red twins, by Judge, and out of Roan Mary, was given third place, and the bouncing Lavinia's Blossom 3rd, by Imp. Blue Ribbon, coming close to three years old, filled the fourth place well. Excellent heifers were shown in this section by Messrs. Ryan, Graham (Carberry), Aycarst, and Walter James, Rosser. Ten yearling heifers, nearly all of excellent character, made a very pretty display, but a clear first was evident in Greenway's Village Grace, bred by John Miller & Sons, Brougham. This award was made by Prof. Cartiss, of Iowa, the presiding judge retiring for the time being. Grace is a red-roan of true Scotch type, with unexceptionable fore end and middle piece, but slightly off in hind quarters, and gives promise of going on as a winner. She is by Imp. Royal Prince 26062, dam Village Lilly 2nd 28395. Second prize went to another of the Prairie Home herd, Matchless of P. H., a red, by Imp. Jubilee, out of Matchless 11th, third to R. McLennan's Mac's Clementina, by Sir Colin Campbell, and fourth to Barron's Waterloo Sunshine 3rd, by Nobleman. In a capital class of heifer calves under a year, Greenway's entry, Lavinia's Blossom of P. H., a charming red calf of December last, sired by Valiant, the Toronto champion of last year, and out of Lavinia's Blossom, took the fancy of the judge and many others by the femeness of her lines and the smoothness of her conformation, and headed the list, though not without demur from some on-lookers, who were strongly impressed by the combination of substance, symmetry and quality in Mr. Washington's Mariory Butterfly, an extra good red, October calf by Sittyton Hero 7th, which was placed second. Heifer calves of the current year were out to the number of eight and were a right good lot, Barron's Red Princess 2nd, by Topsman's Duke, coming into first place; Greenway's Winsome Lass, by Jubilee, being second, McLennan's Clementina Lastra third, and Mr. Washington's Brookside May 3rd fourth.

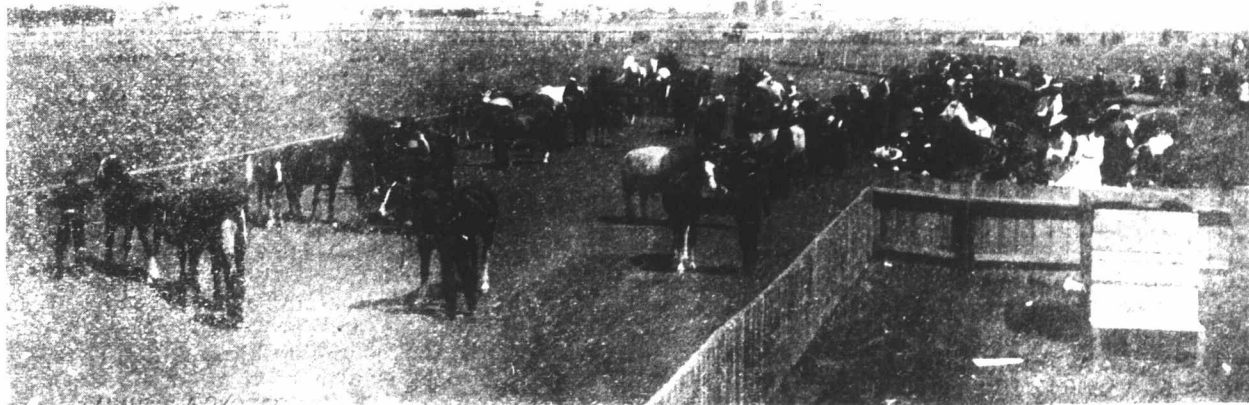
The Herds and Family Groups.—The call for herds of one bull and four females, any age, owned by the exhibitor, was responded to by the presentation of three groups from the Prairie Home herd, which for character and quality probably could not be excelled by an equal number selected from any single herd in the Dominion. An invincible combination was the roan herd which fell into first place, headed by the champion bull, Sittyton Hero 7th and including the first-prize cow, Jenny Lind 4th, the three-year-old Village Princess, the two-year-old Bessie Lea, and the yearling Village Grace. The claim for second place was not so clear a proposition, the second Greenway group being headed by the first-prize yearling bull, Moneyful Lad, and the third from that herd by Scottish Bear, while Barron's herd was headed by the best prize four-year-old bull, Topsman's Duke, coupled with a very even selection of females. The weight of evidence in the opinion of the judge was in favor of the second Prairie Home herd for second place, the third award going to Mr. Barron's entry. For

the best three calves under a year, bred and owned by exhibitor, Greenway won first and second awards, Washington third, and Barron fourth. For the best bull and two of his get, the latter to be bred in Manitoba, the N. W. T. or B. C., Greenway captured first award with Sittyton Hero 7th and his offspring; Barron second, with Topsman's Duke and his get; and McLennan third, with Sir Colin Campbell and his progeny. For the best herd of three animals, any age or sex, the get of one bull, bred and owned by exhibitor, and bred in Manitoba, the N. W. T. or B. C., Barron won first with the get of Topsman's Duke, Washington second with that of Sittyton Hero 7th, and Greenway third with Judge's get. The special prize for best cow and two of her produce, the latter bred in Manitoba, N. W. T. or B. C., was won by Barron, with his cow, Loretta 3rd, and her offspring. For the best herd of one bull and three females, owned by exhibitor, the females bred in the Western Provinces, Greenway was first, Barron second and third, and Washington fourth. For the best four animals, any age, bred and owned by the exhibitor, the first prize was awarded to Barron for a herd headed by Topsman's Duke, second to Greenway, third to Washington, fourth to McLennan. For a herd of a bull and three females, owned by exhibitor and all bred in Manitoba or the N. W. T., first award went to Barron and second to Greenway.

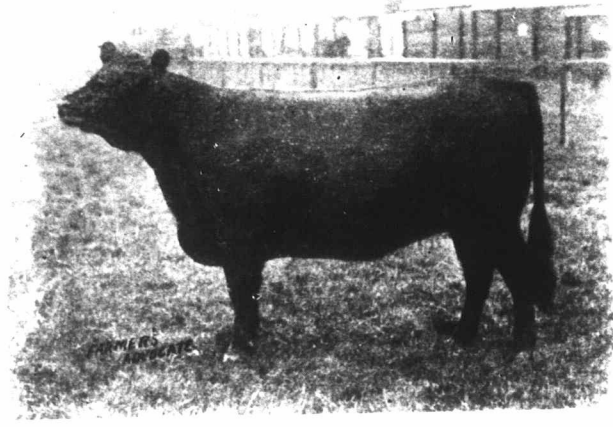
The Dominion Shorthorn Association's special prizes for the best herd of a bull and three females, all under two years old, were awarded, the first and second to Mr. Greenway, and third to Mr. Washington.

In the competition for the special prizes donated by the Canadian Pacific Railway Company for animals bred in Manitoba and the N. W. T., and bearing animals having won a prize in the open classes, the first prize for a two-year-old bull went to Mr. Barron's Sir Arthur Grant, a right good roan son of Imp. Nobleman and Imp. Jenny Lind 4th; second to Prince of Lamb, by Imp. Prince Alpine, dam Jenny Lind, shown by H. O. Aycarst, Middlechurch; and third to G. & W. Bennie. In yearling bulls, Bennie won first; John Graham, Carberry, second; A. Bond, Dauphin, third. In bull calves, Barron won first, Greenway second, and F. W. Brown, Portage la Prairie, third. In the class for cows three years and over, limited to this competition, the entries were useful-looking breeding cows in good condition and evidently good milkers, F. W. Brown winning first with Windermere Gem, a handsome roan three-year-old; Mr. Greenway second with the roan six-year-old Lena, of dual-purpose type; and John Graham, Carberry, third, with Princess of Kerfoot, a nice red daughter of Topsman. In two-year-old heifers, Greenway was first and third, with Braeclat of Prairie Home and Rosetta 15th, bred by Walter Lynch, and John Graham third, with Moss Rose. In yearling heifers, James Bray, Longburn, had a very meritorious winner in his red Siren 7th, of Mr. Lynch's breeding, sired by Charger, R. McLennan had also an excellent red heifer, Rosebud Maid, of the Kinellar Rosebud tribe, which was given second place, a handsome red heifer of Mr. Barron's, Emily 4th, by Nobleman, coming into third position and completing an exceedingly good trio. In a nice ring of seven heifer calves, Mr. Greenway's Bright Light of Prairie Home went to the front, followed by Barron's Adela 3rd in second place, Barron's Siren 8th third, and Bray's entry fourth. For the best herd in this competition, one bull and three females two years and under, Greenway's entry won first, Barron's second, and Bray's third. The best bull in this class, any age, was declared to be Barron's two-year-old, Sir Arthur Grant, and the best female Greenway's roan heifer calf, Bright Light, by Judge, out of Elvira 21st.

HEREFORDS were out in larger numbers and in better condition than is usual at this show, and there were a few in some of the sections of excellent type and quality, though there is yet room for much improvement in selection and fitting before the breed is represented here as it



THE STOCK PARADE AT THE CARBERRY SUMMER FAIR.



LADY DOUGLAS OF KILQUHANTY 16658. Galloway heifer, two years old. First and champion, Royal Show, Carlisle. OWNED BY AND. MONTGOMERY, NETHERHALL, CASTLE DOUGLAS.

is in Ontario and some of the States. The exhibitors were John Wallace, Cartwright; J. A. Chapman, Beresford, and Renallack & La France, Winnipeg, and the judge was Prof. Curtiss, of Ames, Iowa. The first-prize bull, three years and over, and the sweepstakes winner, was Wallace's four-year-old, Young Actor, a typical representative of the approved stamp of the present day, low-set, lengthy, level and smooth, with good legs and fine handling qualities. He was bred by Van Natta, of Indiana, sired by Actor, and out of Lady Grace. He was closely pressed for preference by Chapman's Lord Ingleside 6th, a three-year-old of very similar stamp, bred by H. D. Smith, Compton, and got by the Pan-American champion, Mark Hanna. The third place was taken by Renallack & La France's Lottery, a strong and vigorous four-year-old. Wallace had in Roblin a very good yearling bull, which was awarded first prize. Bull calves were led by a very smooth, straight calf of good quality, shown by Chapman, Earl of Island Park, by Lord Ingleside; second prize going to Wallace's Roger, by Maple Duke, and third to Chapman's Prince of Island Park. A very good ring of cows was shown and precedence was given to Wallace's Lady Belle 4th, a very level and well-proportioned cow of good type and quality. Chapman's entries, Fairy 5th and Victoria, taking second and third positions creditably, being of fine character. Chapman had the first prize three-year-old cow in the excellent Downton Ingleside, by Sir Horace, and Wallace secured first prize in two-year-old heifers with Mary Ann, and in yearlings with Sarah Wood, while Chapman had the first-prize heifer calf in Tasky of Island Park and the second in Princess. The first herd prize, for the best bull and four females, was won by Wallace. Chapman stood first for the best two calves under a year. For the best herd, bull and three females all under two years, Wallace was the winner, Chapman second. For the best three females, any age, the get of one bull, bred in Manitoba, N. W. T. or B. C., Wallace was first, Chapman second.

ABERDEEN ANGUS were represented by selections from the herds of E. J. Collyer, Welwyn; Walter Clifford, Austin; Geo. Bolton, Fernton. The sections were not well filled as to the number of entries and the animals not brought out in as high condition as in some other classes, but there were some very straight, smooth animals shown which with more attention to fitting would make a stronger impression upon visitors of the merits of the breed that stands so high in Britain and in other parts of America. Bolton's Prairie Chief was awarded first prize in bulls three years or over. Clifford's Reform first in two-year-olds, and Collyer's Albert Edward first in bull calves. Bolton was first for cow, Collyer second and third Clifford first for yearling heifer, and Bolton first for heifer calf under a year.

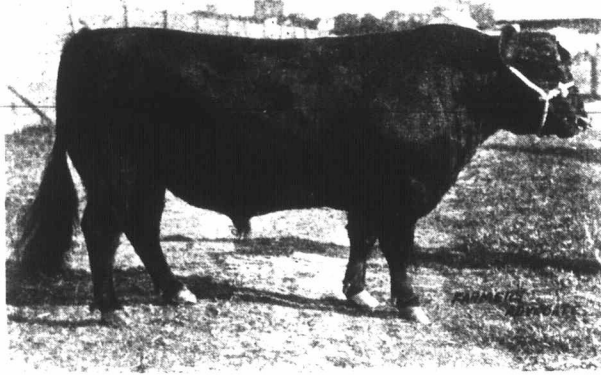
GALLOWAYS were strongly represented, the competition being made interesting by the presence of a first class selection from the herd of Otto H. Swigart, Champaign, Ill., and an excellent representation from the Hope Farm herd of Wm. Martin, St. Jean, Man. The first prize bull, three years or over, and the male champion, shown by Mr. Swigart, was no less conspicuous an animal than the famous Brand of Ca. themilk, the champion cow of the same name and of the Chicago International Exposition. The bull was sold at auction in 1902 for \$1,000.00. The cow was a richly turned, filled animal, and would command a high price. The bull was bred by Martin's Mc. The cow was bred by Swigart's winner, is also a fine specimen of the breed. The two-year-old bull, shown by Bolton, was first in his class and second in the herd. The cow, shown by Bolton, was first in her class and second in the herd. The heifer, shown by Bolton, was first in her class and second in the herd. The calf, shown by Bolton, was first in his class and second in the herd. The bull, shown by Bolton, was first in his class and second in the herd. The cow, shown by Bolton, was first in her class and second in the herd. The heifer, shown by Bolton, was first in her class and second in the herd. The calf, shown by Bolton, was first in his class and second in the herd.

breed character, led the list of the three-year-old cows and carried the championship card in the female section of the breed. She would be hard to beat in any country, but she was closely followed by Martin's imported Maggie of Kilquhant in this class, and closer pressed for the sweepstakes by Mr. Martin's first-prize two-year-old, Lady Hamilton, who is one of the best of the breed, showing approved type and character, a grand coat of hair and faultless conformation. Lassie of Wavertree, of the visiting herd, was second in the two-year-old section, and Sauterne, of the same herd, was first in yearling heifers. Martin's Grace 2nd filling second place well. The first herd prize went to the Illinois herd, and second to the Manitoba contingent, which also claimed the first award for three females, any age, got by one bull and bred in Western Canada. Prof. Curtiss judged the class.

THE DAIRY BREEDS.

The three leading dairy breeds were well represented, both in regard to numbers and quality, and each had out entries that would compare well in any competition in the Dominion. These classes were judged by Mr. Alex. Hume, of Menie, Ont., a well-known Ayrshire breeder, who did good work and gave general satisfaction.

HOLSTEINS were shown by James Glennie & Sons, Longbun; J. Oughton, Stonewall; A. B. Potter, Montgomery, and the Munro Creamery Company, of Winnipeg. The last-named had the first-prize bull in the class for three years old and over, in the five-year-old Queen's Pride, bred by Mr. Glennie, sired by Ykema Mink Mercedes, and out of the erstwhile champion cow, Daisy Teake's Queen. He is a big bull of accepted dairy type and good constitution, and did honor to his worthy dam by carrying off the male championship on this occasion. Oughton had the second winner in this class in Royal Duke, a full brother to the champion, and third in King Tempest. Glennie's Chief Mercedes De Kol, by Paul De Kol 2nd, was the winning two-year-old, and M.



CAMPFOLLOWER OF STEPFORD 7176. Galloway bull, three years old. First and champion, Royal Show, Carlisle. THE PROPERTY OF DAVID BROWN, LOWER STEPFORD, DUNSCORE, DUMFRIES.

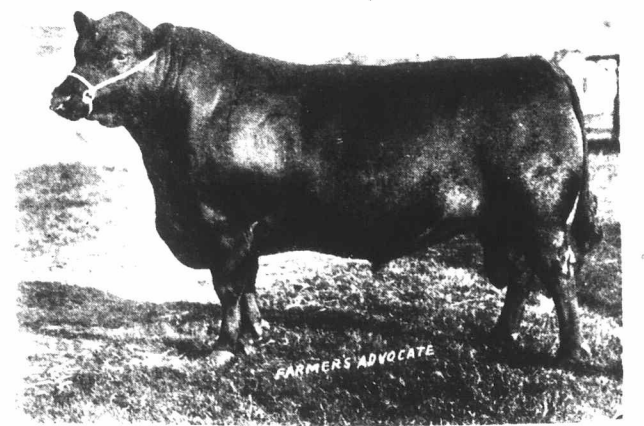
Oughton's (Middlechurch) Crown Prince Teake, the first prize yearling bull, Potter winning second and third. In bull calves, Glennie got to the front with Chief Teake De Kol, Potter second with Samson De Kol. Potter was also first for bull calf of the calendar year. The section for cows over four years was well filled with strong numbers, including the two aged matrons of fame in former years, Daisy Teake's Queen and Sadie Teake, showing the effects of long years of heavy work in the dairy in their shrunken forms, but are splendid specimens of approved dairy form and function. The old Queen, though no longer equal to her former achievements in the ring, is well reproduced in her queenly daughter, Flossete Teake, in her five-year-old form, winner of first prize on this occasion and the sweepstakes as best female of the breed. She was sired by Ykema Mink Mercedes, and is a large but not overgrown cow, standing well on short legs, has a lengthy, deep and level form, with deep and well set on ribs, long level quarters, a good cow's head and neck, smooth shoulders and fine withers, passing through the heart, showing good constitution, and has a model udder, carried well forward and set with good udder and well placed teats, from which she gives a liberal flow, having milked an average of seventy five pounds a day in a two weeks' test. She is a grand dairy cow and set a standard well worthy of her name. The second prize cow, found in the Manitoba herd, bred by the same sire, was a grand bull, the first prize cow, shown by Bolton, was first in her class and second in the herd. The heifer, shown by Bolton, was first in her class and second in the herd. The calf, shown by Bolton, was first in his class and second in the herd. The bull, shown by Bolton, was first in his class and second in the herd. The cow, shown by Bolton, was first in her class and second in the herd. The heifer, shown by Bolton, was first in her class and second in the herd. The calf, shown by Bolton, was first in his class and second in the herd.

Fancy, and had the third winner in Modest Maid, Glennie winning second with Jemima Teake, a daughter of Flossete Teake, and sweeping the list with yearling heifers, as well as being first for heifer calves and for each of the four herd prizes offered. Oughton winning second in two of these competitions, and the Munroe Company second in the other two.

JERSEYS were shown by Jas. Walsham, Portage la Prairie; Enoch Winkler, Gretna; W. V. Edwards, Souris, and F. W. Scott, Winnipeg. Walsham won in the class for bulls three years old or over, and Winkler second with Gallant Duke. Edwards had a clear winner in the two-year-old class in Artisan of Brampton, bred by B. H. Bull & Son, and a worthy son of his sire, the Toronto champion, imported Monarch of Brampton, showing fine form and quality. Winkler's King Brock was second. Walsham won in yearling bulls with one of capital type, Edwards being second with a nice son of Yankee Rosebud, and first in both sections for bull calves. Winkler won in cows with Winnipeg Belle, a richly-colored and milky-looking cow with a capacious and well-shaped udder; Edwards second with the ladylike Baby Malone, with a well-balanced milk vessel, and third with Souris Rose, a daughter of Sir Oliver and Duchess Malone. The Munroe Company won in three-year-old cows, and Edwards was first in two-year-old heifers with Madame French, by Bashful Pedro, and in yearlings with Hope of Brampton, by Monarch of Bonnie Braes, and second with Lady of Rose Town; also first for heifer calf under a year with Brampton Lassie, bred by Bull & Son, and sired by imported Monarch, second prize going to the same exhibitor, and third to F. W. Scott, for Mattie of Belvidere, bred by Mrs. Jones, Brackville, and sired by Sir George of Riverside. The female sweepstakes went to Winkler's first-prize cow, Winnipeg Belle, and the first herd prizes in all four sections were won by Edwards' contributions.

AYRSHIRES made a very creditable display, being brought out in good condition and conforming well to the modern type in favor at the present time. The herds represented were those of Hon. Thos. Greenway, Crystal City; S. J. Thompson & Sons, St. James, and W. M. Smith, Scotland, Ont. Mr. Greenway's Surprise of Burnside, now in his six-year old form, a son of imported Glencairn 3rd and imported Nellie Osborne, was the winner in the aged class and the male champion of the breed, and a right worthy winner he is, combining size, shape and quality in a high degree. His son, Loyal Chief, bred by Mr. Greenway and shown by Thompson & Sons, was the first-prize yearling bull. Manitoba Chief, of the Crystal City herd, was the winning bull calf under a year, second place being taken by Smith's Scotland Chief, while first in the calendar year calf section went also to the Ontario herd. In a strong class of mature cows, the Greenway herd supplied the winner in Loyalty 10521, a comely daughter of Tam Glen 2nd, showing strongly the accepted type of form, with style and finish in high degree, and carrying a well-proportioned udder with well-placed teats. The second award went to one from the same herd, Heather Honey of St. Anne's, by imported Glencairn 3rd, a milky-looking matron, and third to still another good one of the Prairie Home herd, Ayrshire Maggie 2nd, by Douglas of London. The first and second prize heifers in the three-year-old and two-year-old sections were also of the Greenway herd, Spotty of St. Anne's being first in the former and Queen of the Prairie in the latter. The Greenway outfit also won first in heifer calves in both sections, and in all the four herd competitions. Thompson & Sons had the second-prize one-year-old heifer, and Smith the second-prize two calves under a year, bred by the exhibitor.

The sweepstakes for best cow in milk was won by Silver Maid, of the Greenway string, a dairy-like daughter of Silver King.



ELATE 16513. Aberdeen Angus cow, three years old. First and champion, Royal Show, Carlisle. OWNED BY J. B. HAN, HOME FARM, MATSEMORE, DUNDEE.

HORSES.

CLYDESDALES.—This important class of horses was exceedingly well represented, and especially so in the different stallion sections. From the aged horses down to yearling colts, a large and choice lot entered the ring at every call. Massiveness, when coupled with smoothness, quality and good action, always calls forth praises from the admirer of the draft type, and this year's fair ranks above all previous ones, not only from point of numbers, but also from the standpoint of true worth in the individual exhibits. The crowd of onlookers was not as large as could be desired, and, in fact, it seemed at times as if the many other attractions of a more amusing nature possessed a firmer holding-power for the greater number of the people than did the main objects for which the fair has been organized and maintained, and this has quite a discouraging effect upon exhibitors. Under present conditions, onlookers cannot get within reasonable range of the horse classes while they are being judged, and we think it would be to the advantage of the fair if the public were considered and catered to in this respect. By providing another arena similar to the present cattle ring, this difficulty would be overcome—yes, even converted into a profitable live-stock educational feature worthy of being imitated and sure to become popular with farmers. It would be most agreeable to sit and watch the awarding of prizes during hot weather under a covered pavilion, and dry and comfortable if the fair days should prove wet. Should this suggestion be adopted, many would avail themselves of the advantage who, under existing conditions, would not think of standing in the sun for half a day with the hope of seeing some of the awards made. This would add enthusiasm to the exhibitors and become a strong help towards the rapid development of this side of our fair.

The stallion section of four years old or over came first, and eight grandly-proportioned, massive horses faced the judge, Mr. Ed. W. Charlton, Dufferin, Ont. King of the Clydes (by Ring-leader), owned by the Hon. T. Greenway, was awarded the red ticket. He won first at Toronto Spring Show, 1901, and also sweepstakes in his class there at that time. Besides winning Clydesdale sweepstakes at the present fair, he was also awarded the diploma for best stallion, either Shire or Clydesdale, indicating that he even steps beyond the limits which his name suggests. He is a horse of great substance and Clyde type. Golden Hero (by Golden Gem), owned by Geo. Cartwright, a beautiful bay, thick-set, possessing grand quality, splendid limbs and a fine head, came second. Golden Hero is a horse we all know favorably; he holds his appearance well for one who has been fitted so often. The third prize went to Mutch Bros.' Prince Stanley, a very large, smooth colt of excellent breeding, with splendid feet and limbs, and considered by many worthy of a higher standing. His hair was slightly out of bloom, which no doubt told against him. J. B. Thompson's Prince Delectable deserves being mentioned as a smooth, massive horse of choice breeding. He has a beautiful carriage, and being sired by Cedric, out of Cherry Ripe, will be sure to leave his mark. The three-year-olds, seven in all, made up a very strong class, headed by Dr. Henderson's Jerviswood, an exceptionally thick-set, massive fellow, of splendid carriage and standing on the best of legs. Wales Macgregor, owned by Tully Elder, Brandon, although not so large, made a strong second, being exceptionally good in the fore quarters and strong throughout, with the best of bone and feather. P. E. Anderson's Baron Henry came next on the list for awards. He is a horse of good Clyde type in most respects, with an abundance of life and action. He won first place as a two-year-old last year. Mansheld, owned by Isaac Betley, Brandon, is a very neat animal, with splendid limbs, grand neck, and good action. Tully Elder's Macgregor of the Glen, a nice, smooth, thick colt, captured first in the two-year-old list, followed closely by A. J. Moore's Glen Morris, a large colt, of choice breeding, but rather thin in flesh or he might have stood one notch higher. He was best at Ottawa last year, beating winners from the Pan-American. The third and fourth winners in this section were good, useful, and very nicely fitted animals. In the yearling section, Wales Henderson's Wawanesa Chief was an easy winner, characterized by splendid substance and heavy bone. Pilgrim's Pride came second.

The brood mares were headed by Boydston Lass 7th, a grand individual, belonging to Hon. T. Greenway. She won the sweepstakes here two years ago and is a heavy-boned mare, of good parts, getting up in years. Tully Elder's Nancy Macgregor (imp.) came second. She has grand carriage and good action and won the progeny. At present she is a trifle thin, but her last year's foal partially explains this. Stephen Benson's Princess Iona, a real good, useful mare of Clyde type, came third, and J. Wishart's Lady Granite came fourth. Nancy Macgregor, already mentioned, her splendid prizewinning progeny (Wales Henderson's Jerviswood) first in mares and second in three-year-olds, and Macgregor of the Glen, first in two-year-olds, made a combination which

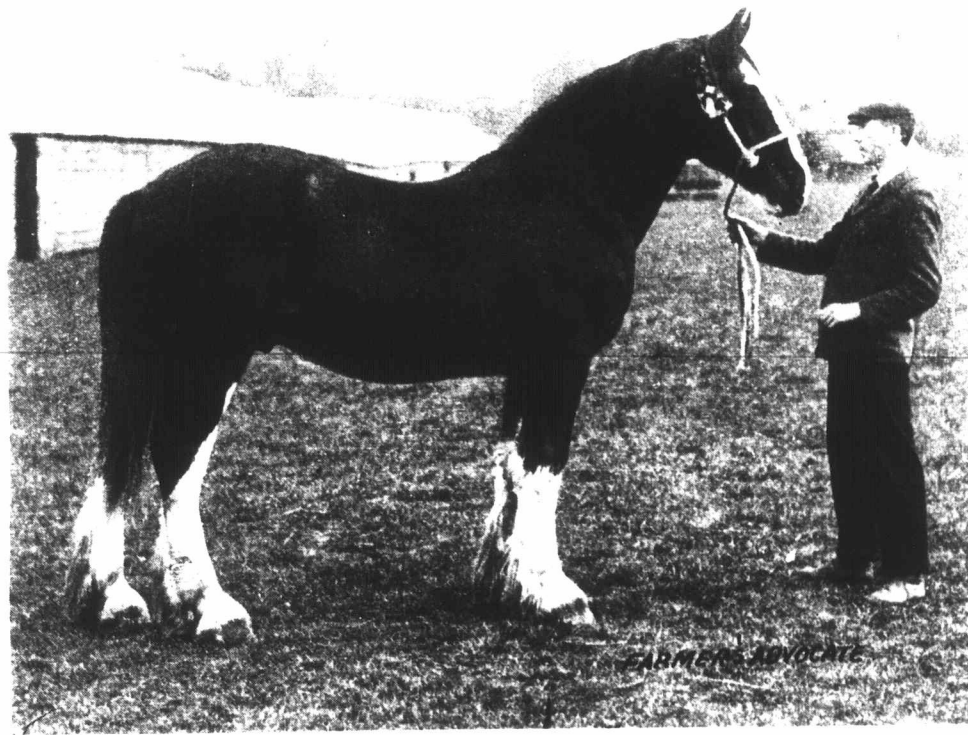
justly entitled her to first place in the brood mare and progeny section. Wishart's Lady Granite came second, and Benson's Princess Iona third. The three-year-old filly section was one of the strongest shown, and Mutch Bros. have great reason to be proud of their standing. Charming Star is an exceptionally large, well-muscled, compact individual, of grand type, with splendid heart-girth, good loins, quarters, and coupling, and the best of limbs, massive and smooth throughout, with beautiful head and neck and grand carriage. She has been ailly hard to beat, as her record shows. First at Toronto and London, and first with sweepstakes at Winnipeg, last year. Her dam was twice the sweepstakes winner at Toronto, and her sire, Lord Charming, also sired the noted Cloth of Gold. Carruth & Brown's Chantress, a neat, smooth, round filly, and a good square traveller, came second. She is of rare good quality. Mutch Bros.' Charming Lassie took third. She was handicapped owing to being a fall colt, but to all appearance will develop into a right good mare. She is very smooth, thick and neat. Lady Pandora, belonging to Carruth & Brown, a large, well-brought-out filly, was first of the two-year-olds. There were six out in this section. The blue ticket went to J. G. Washington's Princess Natalie, a nice smooth filly with good Clydesdale character and ample lung capacity. John Wishart's Lady Wonderful secured third place. She is a real neat bay filly of good quality. In this section the judge seemed hard to follow, several good individuals remaining unplaced, among these being Lady Eva, owned by A. & G. Mutch. In the yearling fillies there were only two out, both good ones. Lady Roberta got first. She is owned by J. B. Thompson, and is a splendid bay, of choice

quality. Five competed in the stallion class of four years or over, and Reid & Weightman's Chevin Victor Chief, a black, of grand conformation, massive proportions and smooth finish, took first. Second was given to Jas. Muir's Netby Duke, a dark bay of rare good quality, but of slightly Clyde type. Third went to John Armstrong's Wilcott Thumper, a brown horse of very good quality. Dawson's Prince, a bay of grand substance, owned by Reid & Weightman, was the only one shown in three-year-olds. The gold medal offered by the Shire Horse Breeders' Association for the best stallion registered in the English Shire Horse Society's Studbook was awarded to Chevin Victor Chief, owned by Reid & Weightman, and already described as winner in aged class. F. J. Stott's Shire Billy, a very smooth, tidy animal, with lots of quality, won first in three-year-olds. It is to be hoped that this desirable class will rapidly increase in numbers.

DRAFT HORSES.—In brood mare, with foal by side, D. T. Wilson's Daisy came first and Geo. Cartwright's Nancy second, both very good in type and quality. These same positions were maintained in the class of brood mare and two of her progeny, three years or under. D. T. Wilson got first and second in both two-year-olds and yearlings. In foals, Geo. Cartwright got first and second, and D. T. Wilson third. In teams suitable for dray purposes, there were four choice, well-fitted pairs competing. First place was given to J. B. Thompson's Adeline Macgregor and Princess Royal, prizewinners in the Clyde class of mares, any age. Second went to John Stott's Jessie Darling and Louis Riel, a splendid pair, of great substance, grand action and good quality. The Lake of the Woods Milling Co. got third with a

well-coupled team, possessing lots of substance, being very thick, but not quite so showy. D. T. Wilson's Dugal and Bruce won first in team class suitable for farm purposes. They were of good quality, and well deserved the standing given them. The second went to Albert Lawson's team. J. Stott got first in mare any age, with Jessie Darling, a winner in dray team section. Geo. Cartwright's Golden Hero got first in the stallion and three of his get class, got foaled in Manitoba, N.W.T., or B.C. Golden Hero has been described in the Clydesdale stallion four years or over class, as winner of second place.

HORSES FOR GENERAL PURPOSES.—D. T. Wilson's Gentle, a deep, roomy, good limbed animal, came first in



MERTOUN.
Clydesdale stallion, one year old. First and champion, Royal Show, Carlisle.
OWNED BY A. & W. MONTGOMERY, NETHERHALL AND BANKS, KIRKCUDBRIGHT.

the brood mare with foal by side section. Second place was won by Prince, a gray mare of good substance, owned by the same exhibitor. Geo. Cartwright's Daisy came third. In brood mare and progeny, D. T. Wilson and Geo. Cartwright won in order mentioned. John Stott's three-year-old filly, a good individual, of first class quality, won first, and also sweepstakes in mare or gelding any age. She is a very neat, beautiful animal. It is difficult to make comments in this section, as good individuals of different size and type, unlike in many respects, yet good of their kind, seem to claim this section as belonging solely to animals of their particular make-up, so it has come to rest almost entirely with the judges, to whom general purpose animal is. In two-year-olds, John Stott's filly, a beautiful individual, of grand quality and full of heart, but not large, took first. R. S. Preston's bright bay, of the heavy, blocky type, of good substance and prime quality, came second. John Stott's cream, a very nice, compact, well-boned yearling, took third, while Geo. Cartwright's Jessie came second. In general purpose teams, the collection was very varied, brougham, express, and agricultural types standing side by side. Henry Barle got first, with a smooth, tidy bodied team. John McLean second, with a strong, agricultural team, and J. A. Mitchell third on a pair of heavy, well-bred horses worth more money than all the other entries. The diploma for best pair of horses was given to D. T. Wilson.

quality, smooth and extra good near the ground. Second place was given to Carruth & Brown's Belle, a good individual of the heavy-boned, blocky type. In foals there were three entries, and first place was given to Wishart's Prince of Prospect, second to Elder's Chief Macgregor, and third to Benson's Princess Mona. The colts were of rare good quality, but not outstanding. In mares, any age, first was awarded to J. B. Thompson's Princess Royal, a thick, heavy-topped mare of good parts; the second was given to Adeline Macgregor, owned by the same exhibitor, quite a blocky filly of good substance; the third went to A. & J. Mutch's Charming Star. Eight were shown in this section and several of the others deserve favorable mention, the beautiful Margaret and Charming Lassie being examples. Some of the decisions in this class were rather unexpected. Stallions, one year and over, foaled in Manitoba, N.W.T., or B.C., were next called, and the first went to the two-year-old Macgregor of the Glen, second to Wales Macgregor, and third to Wawanesa Chief. To the call for mare one year or over, foaled in Manitoba, N.W.T., or B.C., five responded, first prize going to Princess Royal, second to Adeline Macgregor, and third to Lady Roberta. Stallions, any age, brought to the front King of the Clydes. Mr. J. A. Turner, of Calgary, was missed in the Clydesdale class, but over the railway washouts in Alberta have not deterred him from coming, as he had intended. He, however, was well represented as top of a pair of many of the prizewinning animals. Second and third in aged stallions, fourth in two-year-olds, and second in the two-year class, and third in three-year-old filly class, and first in three-year-old filly section of those worthy of mention.

LIGHT HORSES.

The quality of the light horse section was very good. The quality of the light horse section was very good. The quality of the light horse section was very good. When the quality of the light horse section was very good, the quality of the light horse section was very good. STANDARD BREEDERS' ASSOCIATION.

ber of very choice animals appeared before the... The special prize given by the Horse Breeders' Association of Manitoba was won by Fifa.

In most of the ROADSTER classes there were numerous entries, but the brood mare and foal sections were only singly represented.

In pairs to harness there were seven entries, many of them good movers, well gotten up and showing considerable action.

The singles, as usual, were a strong class, size, speed, style and shape being well represented.

The CARRIAGE class, with the exception of the two harness sections, was not very largely represented. The Thornhill Horse Co. took first in the stallion class with a very good German Coacher.

In the double harness class there were five entries, the first place being given to J. A. Mitchell's well-matched chestnuts, a team of good action and good parts.

In single drivers, the honors were awarded to Wilton, Fraser & Sons, and Moorhead, in the order named.

The showing of HACKNEYS was very light; scarcely any competition, except in the four-year-old stallion class, where there were four entries of good quality and varied conformation.

THOROPEGS.—In the stallion class, four years or over, there were three entries, and Borneo, a bay, a fine specimen of a horse of almost perfect form.

In three-year-olds, there were two entries, King of the Hill, a bay, and The Quality, a chestnut.

Brood mares were represented by Penza Marie, a bay, and The Witch, a bay.

J. A. Mitchell's yearling, a bay, clean limbed, likely-looking, and of good substance, was the only entry.

The sweepstakes and progeny prizes were given to Hard Lines.

SADDLE HORSES.—This class was very well represented. In stallion class best calculated to produce saddle horses and army remnants, Golden Lake (imp.), a strong, active fellow of right type, came first.

There were six entries in the section 15 1/2 hands, G. H. V. Pickering, D. Campbell and R. G. Watson winning in order named.

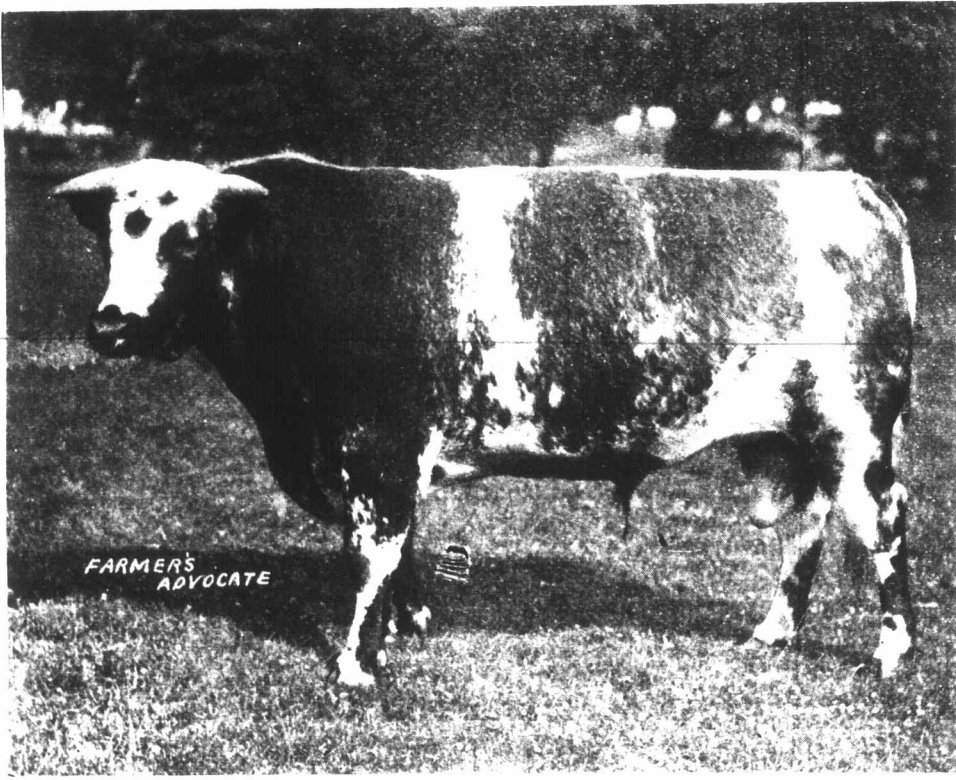
PONIES.—This class was well represented, Chas. Cuthbert, Mrs. F. J. Thompson, W. L. Puxley, O. W. Bailey and Garry Peables contributing the winners.

SWINE.

Although it has been amply proved that pork of good quality can be profitably produced on the by-products of the wheat farm, this industry grows but slowly in Manitoba.

age in the class. Ewen's Jubilee Belle, a very useful sort of sow, shown in breeding condition, having just weaned a litter, came into second place.

YORKSHIRES.—For the first time in the history of the Industrial, the swine pens were invaded by an exhibitor from south of the international boundary.



ROYAL DUKE 15509. Shorthorn bull. First and champion, Royal Show, Carlisle. THE PROPERTY OF HIS MAJESTY THE KING, ROYAL FARMS, WINDSOR.

Prof. J. J. Ferguson, of the Michigan Agricultural College, judged all classes of hogs, in most cases sticking pretty close to breed type and giving general satisfaction.

BERKSHIRES.—A very good representation of this standard breed was made by the hog of Hon. Thos. Greenway, Crystal City, Mo., A. McLeod, Neepawa, H. L. McDonald, St. James, Ewens, Manitoba, and A. B. Patten, St. James, Ont. The general character and quality of the animals shown was commendable.

There were two entries in the section for yearlings, and the first prize went to the hog of Hon. Thos. Greenway, Crystal City, Mo., which was a very good specimen of the breed.

of flesh and hair. He is, indeed, a credit to the breed and breeder and should add greatly to the character of the herd in which he was produced and in which he is to be one of the leading sires.

His sire was Graham's North Bruce Justice, a much better hog, and not brought out in good condition, was second.

Summer Hill Dalmeny Empress 16th, was awarded the red ticket. She is a sow of great length, depth of side, level and smooth, and showing much quality. She was afterwards declared sweepstakes female. For second place, the judge selected Summer Hill Cicely, another entry from the Canfield lot, the first-prize yearling at the Pan-American, a sow of good bacon type, but lacking in style, having rather a too highly arched back; Greenway's Oughton Sex 2nd, by Yorkshire Bill, a grand, good, useful sow, being third, and Graham's Jubilee Queen fourth, thus leaving the Potter sow, a right good one of choice quality, out of the running. The yearling sow class was another interesting one, containing a number of entries of extra quality. Graham won out on Oak Lodge Clara 21th, a sow of great quality, being lengthy, deep, level, full of breed character and well brought out. The first prize under a year sow in 1901 came only third in this class—Mr. Greenway's Her Majesty, while second and fourth went to the Canfield entries, Summer Hill Miss Hollingworth and S. H. Dalmeny Empress 23rd, the latter the champion sow at Chicago last fall, but shown here in too high flesh. Canfield won out in the under-year class on the Flat-bred sow, Summer Hill May, by S. H. Diamond, out of an Imp. Miss Hollingworth, a sow well brought out, with length and evenness, but rather heavy head and ear. Primrose Maid 4th, shown by Graham, was second, while Greenway's Her Majesty of Prairie Home and Rena of Prairie Home were third and fourth. S. J. Thompson & Sons, St. James, showed a number of good Yorkshires and scored a first in the calendar-year class on The Maples Gem, of their own breeding. Potter also came into the money in this class, securing second and fourth places, third going to a Canfield entry. In the sweepstakes females, Graham's first-prize yearling had to give place to maturity, and Canfield's Dalmeny Empress, first in the aged class, captured this coveted honor. Canfield's Oak Lodge Julia 11th, bred by Brethour, sire Raddington Lad, was first in sow and litter. This sow was female champion at Winnipeg in 1901, being then shown by Mr. Greenway. Greenway's Eva of Prairie Home was second and Thompson & Sons third on Woodbine Rosabella. Canfield won the open-herd prizes, and Greenway the home-bred female herd, with S. H. Monarch at their head, the sows being Oughton Sex 2nd, Her Majesty and Princess of Prairie Home.

TAMWORTHIS.—In this class there was good competition throughout the sections. The exhibitors were: W. E. Baldwin, Manitou; W. L. Tramm, Crystal City; Wm. McBride, Portage la Prairie; R. S. Preston, Pilot Mound; John Hamstock, Grange; Jas. Glennie, Longburn; D. Fraser & Sons, Emerson; H. L. McDiarmid, Headingly; and W. M. Smith, Scotland, Ont.

W. E. Baldwin, who has for a number of years been making a specialty of this long, red bacon breed, was successful in carrying off many prizes, especially in the younger classes, including first and second on boar under a year, the first winner in this class also being declared champion over all ages, Western Conqueror, of A. C. Hallman's breeding, by Huron Lad, out of Bronze Belle, a lengthy, smooth hog, with fair hams, good head and standing well on his legs. Second place went to a hog of Baldwin's own breeding, British Hero. In boars of calendar year class, this herd was also successful, with Western Hero, a son of Dr. Leyds. In the under-year sows, first, second and third, went to Baldwin, all on home-bred pigs; also first and second on sow pigs of calendar year, second on sow and litter, first on the open herd, and first on herd of four sows. Wm. McBride had the winning entry in aged class in King George, a boar of good length, depth of side and well brought out. He also won on aged sow, and first and second on yearling sows, on Oakland Queen and Portage Maggie 3rd. W. L. Tramm won second on the aged boar, Pr. Leyds; second on the aged sow, Copper Queen; first on the herd, with Manitoba-bred females; and several other prizes. R. S. Preston won first and second in the yearling boar class, with good hogs, Huron Sandy and Pilot Hero, the latter bred by Hamstock; second and fourth on calendar-year boar, and third and fourth on calendar-year sows.

MANITOBA-CHINAS.—There were but two exhibitors in this class—W. L. Tramm, Crystal City, and W. M. Smith, Scotland, Ont., Tramm winning both of the firsts and sweepstakes.

SOUTH-DOWNS.—This breed was represented by entries from the herd of Wm. McBride, Portage la Prairie, without any competitor.

WEST-JERSEYS. were shown by John Oughton, Stonewall, and W. M. Smith, Scotland, Ont.

As previously stated, the bacon class was not won by only three entries being brought off. Thompson & Sons, of St. James, having two good ones of Yorkshires, and W. L. Tramm having one of Tamworths. The prize awarded the latter.

THE SHEEPING SECTOR.

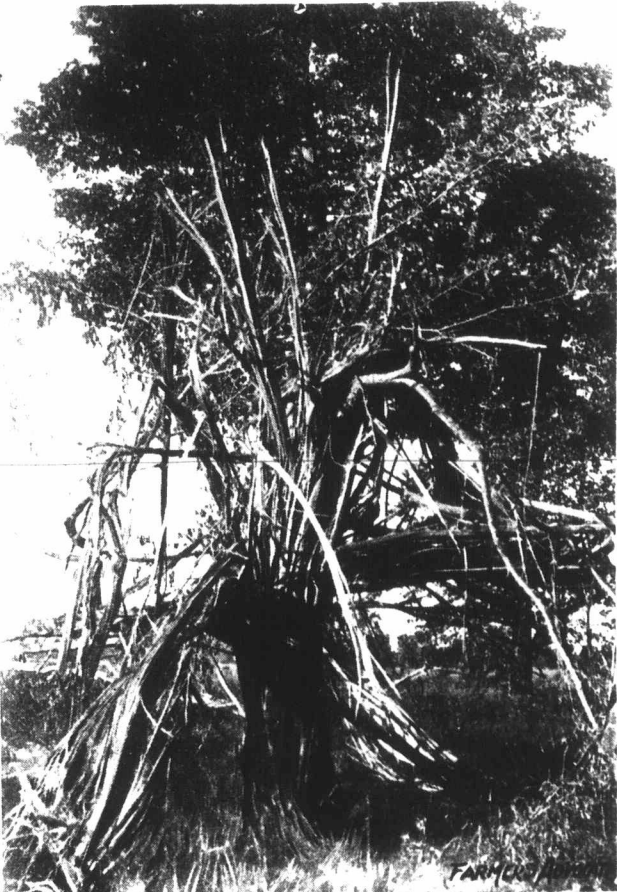
This branch of work was very slow in gaining ground, a matter which is to be regretted, and although there were good specimens in most of the classes represented, taken as a whole, they were lacking in size and fitting. Mr. John McQueen, Carleton Place, judged in a very satisfactory manner.

COTSWOLDS.—Messrs. F. W. Brown, of Portage la Prairie, and W. D. Thompson, E. Selkirk, captured all the prizes of this class. Two diplomas, five firsts, four seconds and one third, found their way to Mr. Brown's pens, while Mr. Thompson received two firsts, two seconds and three thirds.

LEICESTERS.—In this class there were two competitors, A. D. Gambley, Brandon, and Duncan Sinclair, Oakville. Mr. Gambley's entry was larger in numbers as well as considerably better in quality. They were also more uniform and better fitted, and nearly two-thirds of the prizes fell to his lot.

LINCOLNS.—W. J. Lytle, of Beausoleil, had it all his own way in this class. His flock are of choice breeding, well woolled, with plenty of constitution and mutton form.

SHROPSHIRE.—In this breed there were three exhibitors: D. E. Corbett, Swan Lake; R. S. Preston, Pilot Mound; and J. S. Oughton, Stonewall. Corbett's sheep were of choice quality throughout, and he richly deserved the large number of prizes which went his way. All the firsts were won by his flock and almost all of the seconds. Mr. Corbett deserved to be commended on the quality and substance of his exhibit.



SHATTERED BY LIGHTNING.

OXFORD DOWNS.—The Oxfords were one of the strongest classes shown. J. H. Jull & Son, Burford, Ont., and W. H. Thompson, E. Selkirk, being the competitors. In the shearing-run class, Jull's Braut Chief No. 311, a grand specimen of the Oxford type, got first. He has plenty of bone, a good fleece of not too coarse wool, and substance in abundance. Wide-awake, a very good specimen of the breed owned by W. Thompson, got second, being quite good enough to surpass Jull's next best. In ram lambs, Jull took first and second and Thompson third. The diploma for ram any age went to Jull. He also was first in pair aged ewes, Thompson getting second. In pair shearing ewes, Jull again stood first, Thompson taking second and third. In ewe lambs and pen of best sheep, the same order was maintained. The diploma for ewe any age was justly awarded to Jull & Sons. This is a good breed for the country, splendid for grading up, having good size and heavy wool clip, and are fairly early maturers.

SOUTH-DOWNS. D. Fraser & Sons, Emerson, took first in ram two years or over. This ram is an outstanding individual in the Southdown class, also winning diploma. Fraser got first in pair of shearing ewes. Most of the other prizes went to W. M. Smith, Scotland, Ont.

DORSETS. W. D. Thompson, East Selkirk, had it all his own way. His exhibit was very good, and had there been those or four other like him, the Dorset breed would have been a lonely contestant.

In fat sheep, D. E. Corbett took most prizes. Next in order came R. S. Preston and J. S. Oughton. Jas. Brethour, of Oakville, had three very good Argona goats on exhibition.

DAIRY PRODUCTS.

To the average fair visitor there is not much apparent change in the dairy exhibit, but to those who make careful comparison year by year a steady improvement is noticeable, especially in the packages and in the manner of the preparation of the exhibits. This year, Mr. W. B. Gilroy, Austin, was director in charge of this department, and deserves credit for the time and energy devoted to the work. The most noticeable improvement in the building was the greatly increased exhibit of cheese, most of which, however, was of rather inferior quality, according to the finding of the judge. One sample, the first-prize white cheese, was pronounced as extra choice. The exhibitor of this entry was J. P. O. Allaire, St. Boniface, and the maker, H. Argue, a graduate of the O. A. C. Dairy School. The cheese scored 97 out of a possible 100. The same exhibitor won on colored cheese. Second prize in white scored 94 points, and was made by N. J. Kuneman in the St. Pierre cheese factory. The judge, Mr. Smith, Superintendent of the Strathroy Dairy School and Dairy Inspector in Western Ontario, complained that much of the cheese was poorly made and cured at too high temperatures. The prize list in full and scores will be found elsewhere in this issue. In the farm dairy butter classes more attention is now given to details which make for uniformity and neatness than formerly, but there is still room for improvement. In the creamery classes the competition does not increase as it should, nor does the quality improve as one would expect from the large annual Government expenditure on the dairy department. The judge complained of bad flavors, excessive moisture in nearly all the butter, and inferior quality of parchment paper. The Winnipeg Industrial is the first fair in Canada to introduce the plan of encouraging export butter, by giving prizes for butter made and kept in cold storage six weeks prior to the opening day of the fair. The Dairy Association undertook to receive the butter sent in for the competition and have it kept in cold storage until the opening day of the fair. Owing doubtless to the prize list having been issued late, the competition in this important class was small, there being only five entries, and all of them from provincial creameries. In fact, only one Territorial creamery, Regina, made entries at this exhibition.

By attention to several little details and the introduction of some new features, the educational work of this department could be very much increased. For instance, requiring exhibitors to fill out statements regarding the condition of the cream, age, acidity, temperature at churning, temperature of wash water, time required for churning, amount of salt used, etc. Thirty-minute addresses might also be given by the judges on the last days of the fair, reviewing the principal faults found in exhibits and suggesting improvements, etc. Score cards and prize cards with names and addresses of exhibitors should be affixed to the outside of the packages, so as to be read without difficulty by the visitors, instead of being stuck into the butter, spoiling both the appearance of the exhibit and the cards.

That portion of the dairy building generally devoted to the display of dairy utensils was this year deserted by the dairy supply firms by common arrangement. The space was, however, occupied by exhibits of fanning mills and such like farming utensils.

BUTTERMAKING COMPETITION.

The buttermaking competition was repeated on similar lines as the year previous, and constituted an attractive feature. It was taken charge of by W. A. Wilson, Dairy Superintendent of Assiniboia, assisted by Superintendent Murray and his staff. Below is the score of the several contestants, who were allowed two trials each:

Contestant	Preparation of utensils	Straining and coloring of cream	Grading butter	Washing and salting	Working butter	Neatness and cleanliness of person and work	Quality of butter	Cleaning utensils	Evenness of churning	Time	Total
John Moore, Winnipeg	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
John Krumm, Manitou	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Ed. V. Edwards, Carleton Place	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. A. J. Taylor, Burford	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. J. H. Jull, Burford	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. W. H. Thompson, E. Selkirk	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. D. E. Corbett, Swan Lake	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. R. S. Preston, Pilot Mound	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. J. S. Oughton, Stonewall	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00
Mr. W. M. Smith, Scotland, Ont.	5	3.50	3.50	4.25	4.00	1.50	1.50	1.75	1.50	1.75	23.00

POLLEPY.

The poultry exhibit was smaller than last year, but the quality was better. Butterfield pronounced the best of the exhibit.

tries superior to the average midsummer fair. Judging by the list of awards, Geo. Wood, Winnipeg, was one of the most successful exhibitors, capturing a big share of prizes in White Leghorns, White Wyandottes, Black Langshans, American Dominiques, etc., and the silver cup on best brooding pen, a pen of White Leghorns, 11 pens competing; silver medal for the best collection; diploma, best exhibit in American class and also in the Mediterranean class.

S. M. Maw, Winnipeg, was, as usual, a winner on Pekin ducks, Toulouse geese, etc., and showed in cubators, the celebrated Cyphers. Among other prominent poultry breeders who contributed choice birds to the show were J. W. Higginbottom, Virden; Chas. Midwinter, Winnipeg; Geo. Wood, Holland; Sam Ling, Winnipeg; S. J. Thompson & Sons, St. James; Jos. Wilding, Norwood; John Kitson, Burnside; Irs Stratton, Stonewall; Jas. Mullons, Cypress River, and many others.

AGRICULTURAL PRODUCTS.

The exhibit of agricultural products, never a very imposing display at a summer fair when of necessity the previous year's grains have to be shown, was this year much larger and better than for several years. The interest in the exhibit was lost, however, by the failure of those in charge to place the names and addresses of the winners upon the prize cards. There were a number of entries in the 25-bushel lot of Red Fife wheat for the special prizes of \$100.00 cash given by the Imperial Bank and the \$50.00 cup offered by the Ogilvie Milling Co. The grain was of magnificent quality, and it took the judges, Messrs. Spink and Horne, a long time to decide between first and second. Deloraine has the honor of supplying the first-prize sample, Geo. Bell, of that district, being the exhibitor; Joseph McLean, Holland, winning second place. The first three prizes in the five bushel lots were captured by Red River Valley farmers, all residing in the Winnipeg district, as also did the prizes for Banner oats, Assiniboia was represented in the prize list by A. B. Potter, Montgomery, and Cornelius Martin, Wascana. In grain and field seeds, John Ralston, Rapid City, secured many prizes. The full list of winners is published elsewhere.

HORTICULTURE.

Although the season was late and not conducive to a large exhibit in this department, the display was much better than usual, as was also the exhibit of small fruits.

MANUFACTURES.

THE CHRISTIE BISCUIT CO., of Toronto, Ont., had a large pyramid of their "goodies" on exhibition in the British Columbia building, during fair week. It was most attractively designed, the colors being artistically arranged so as to lend a most pleasing effect.

THE WINNIPEG RUBBER CO. had a large display of the products of their factory in the main building and an annex in the dairy building during fair week, which was composed of rubbers, boots, belting, packing sheets, and raw rubber.

THE MANITOBA MINING COMPANY'S exhibit was located in the British Columbia building. This concern displayed, very artistically, an above constructed white wall cement made at their mills.

THE MASON & RUSCH PIANO COMPANY'S display of musical instruments in the British Columbia building drew the attention of many. A Pianola attached to a Concert Grand piano, a most perfect mechanical contrivance, was much in evidence in the afternoon.

THE PAGE WIRE FENCE COMPANY had a very neatly constructed exhibit of their fence on the grounds. The fence, well known throughout Western Canada, and in use everywhere, was indicated by large letters on the fence posts. Geo. & Co., of the city, are the agents for the company.

THE LONDON FENCE WORKS COMPANY'S exhibit at the fair at Winnipeg was of a very interesting character. The machines, which have proved very popular in many sections of Western Canada, were greatly admired.

A SELF-FEEDER for attaching to a threshing machine was on exhibition in the Dairy building. This machine is a recent invention of J. Morgan Simpson, of the city. Mr. Simpson is a practical threshing and trucking man, and such a contrivance, if perfect, have been much in demand for a few years. It was well received upon the site for the purpose of saving time and labor in the field.

THE PASTA MANUFACTURING COMPANY, of Montreal, had a very interesting exhibit of their products in the Dairy building. The exhibit was much in evidence in the afternoon.

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...sounding result. Many could not believe the story about the "big cow" that floated around the grounds, until they had seen her with their own eyes. Then the old motto, "To see is to be convinced," flashed across their minds.

THE CANADA RUBBER COMPANY led forth in the main building during the big fair. A representative of the company was present and explained the leading features of the firm's goods. A large quantity of rubber belting, hose, packing and boots were shown.

Mr. Frank McLean, the representative of COW BRAND SODA, had a very attractively-constructed booth in the main building, and with the aid of a number of assistants endeavored to place a sample of the soda in the hands of every housewife who attended the fair.

THE HUDSON'S BAY STORES CO., Ltd., had a departmental exhibit elaborately displayed in the eastern division of the main building. A box of young ladies in white gave dainty little cups of the famous "Tetley" tea to the public. This delightfully refreshing drink won many new admirers of this noted brand of tea. The company had an extensive assortment of boots and shoes, musical instruments, dry goods and groceries.

THE GRAND MUSIC COMPANY'S exhibit in the main building held the attention of many. Several handsome Mendelssohn and Gerhard Heintzman pianos, as well as a variety of stringed instruments and a concert grand phonograph, were attractively arranged behind the railing.

KILGOUR & RIMOUR'S exhibit of the goods of the Maple Leaf Rubber Company was most extensive and attractive.

THE NATIONAL CASH REGISTER COMPANY had a number of their machines on exhibition in the main building, showing how to handle cash.

BELL & ARMYTAGE, the agents of Swift & Co., of Chicago, had a very neatly displayed exhibit of the famous Swift hams and bacon and canned goods. Lady attendants were kept busy giving away samples of the delicious meats.

STUART & ARBUHNOT MACHINE COMPANY was very much in evidence in the center of the main hall. A large 15-horse-power Leonard-Ball engine, which gave motive power to the whole building, was in motion continuously during the fair, as was a Peerless self-oiling engine of 100-horse-power. A number of dynamos, motor switchboards, an Austin steam separator, an Albany steam trap and Canton pump constituted the balance of the exhibit of the company.

DUGWALE, THE JEWELER, was right "at home" in a very attractively-decorated booth in the main building during fair week. It was a miniature jeweler's store. Show case filled with trays of jewels, shelves with clocks, and the inevitable hall clock, were all there as big as life, and so was the expert workman, with his delicate instruments ready for business.

THE BREWERY BREWING CO. possessed one of the most attractive and novel exhibits in the main building. A large arch, with a rich red background, bore the word Brewery outlined in changing iridescent lights, while a travelling elevator, profusely lighted with electric lights, displayed the products of the brewery.

G. & J. GAULT were responsible for the exhibit on the famous Blue Ribbon tea. This was a complete exhibition of the interior of a large tea coffee and spice factory in operation. The accurate tea mixing and weighing machine, the cone blower, the filling machines and the packers were all in motion and were attended by skillful young men. Many viewed the exhibit with intense interest.

THE OGIATIE MILLING COMPANY'S display was very interesting and attractive by the presentation of the trademark of the company with a model. In the background, the ocean with two or three little boats gave the whole a very beautiful look and it well over-remained vividly imprinted upon the minds of those who were fortunate enough to view such a scene.

HARDY, THE HATTER, had a very interesting exhibit of hats in the Dairy building during fair week. The exhibit was much in evidence in the afternoon.

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ious Mica roofing which Mr. Fonseca is sole agent for in Western Canada.

J. McLAUGHLIN MEAT CO., of Toronto, were located in the main building during the fair. Their exhibit of crushed fruits and Hygeia extracts and syrups was very attractive.

THE CAVANA CIGAR SYNDICATE had a fine display of the "wood" in soluble form, in a corner of the main hall.

ALEX. CALDER'S TAXIDERMIST MUSEE, on the second floor of the main building, was composed of a large number of skillfully-mounted specimens of the birds and beasts of Canada.

THE KOLA TONIC WINE COMPANY gave dainty little glasses of the refreshing beverage to the visitors at the fair, from their booth on the second floor of the main building.

THE ARMSTRONG BUGGIES were displayed in the carriage building. A full line of vehicles and carriages manufactured by the company were on exhibition.

THE THOMAS IMPLEMENT COMPANY'S exhibit was under the supervision of Mr. Geo. Case, in the implement hall. The perfect disk harrow, plow, cultivator and other lines manufactured by the company were exhibited.

THE MASSEY-HARRIS COMPANY were "at home" to their host of friends in the implement hall. Their exhibit consisted of five Sawyer-Massey separators, four engines, two water tanks, a new pattern compound pump, belting and packing, steel moulds for shaping sewer pipe from cement, and sundry other articles. In the spacious warerooms and salesrooms of this company, on William Avenue, was to be seen one of the finest assortments of Canadian-manufactured implements that one would wish to see. These quarters were completely filled with visitors during the greater part of fair week.

THE BRANDON MACHINE WORKS had a very interesting exhibit in a grain separator shown in running order on the grounds during fair week. This mechanical contrivance might well be named "a little wonder," since it executes its work with wonderful rapidity and much ease to the operator.

SYLVESTER BROS. COMPANY, of Lindsay, Ont., with western headquarters at Brandon, Man., occupied a very prominent position in the implement park. Mr. Fred Waller, manager for Western Canada, and Mr. Sylvester, of Lindsay, were present during the fair and explained the merits of the company's implements. The "Man" cultivator and a 6-horse-power gasoline engine were two products of the company that were carefully examined by visitors.

THE MELOTEE CREAM SEPARATOR COMPANY had an "ideal" gasoline engine, manufactured by Gould, Shapley & Muir, of Bradford, running in the implement park. This three-horse-power machine, from its compactness, won many admirers.

THE J. I. CASE THRESHING MACHINE COMPANY had a mammoth exhibit under canvas at the exhibition grounds during fair week. A 9-horse-power portable engine, a 25-horse-power portable, a 25-horse-power Simplex traction gave motive power to a 10-inch cylinder separator fitted with self-feeder, bagger and weigher and wind-stacker; a 30-inch cylinder separator, with swinging stacker and high-wagon loader; a 28-inch cylinder separator, self-feed stacker and low bagger. A number of horse-powers of the Finger-Woodberry type were shown; also detached automatic straw stacker.

Owing to delay on the part of the transportation company, the Spramotor Company, of London, Ont., was unable to exhibit. Mr. R. Hemphill, the company's western agent, was very much put out. He roved about among the farmers, however, and made the best of the situation. He has offered to go to any farm and kill wild mustard, without affecting the price in any way.

THE SPEIGHT WAGON COMPANY, of Markham, Ont., had a varied exhibit of wagons and horsebills in the implement hall. Mr. MacKenzie, of the McLaughlin Carriage Co., is transfer agent for this company in the West.

THE WEBBER FANNING GRAIN SEPARATOR, manufactured by Hesch Bros., of Milwaukee, Wis., was exhibited on the ground alongside of the J. I. Case exhibit.

THE WESTERN IMPLEMENT COMPANY had a very interesting exhibit in the implement hall. Mr. Hartman, the local manager, was present during the fair week and explained the merits of the stock and other products of the company's leaders.

THOS. BISSSELL MANUFACTURING COMPANY, of Toronto, had a very extensive exhibit of hand saws and other goods, which received considerable attention from the agriculturist.

THE CHRYSLER FANNING MILL COMPANY, of Montreal, had a very interesting exhibit in the Dairy building. The exhibit was much in evidence in the afternoon.

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Successful Calf-raising.

When calves are reared by hand, that is, fed milk from the pail, as is the usual practice in dairy farms...

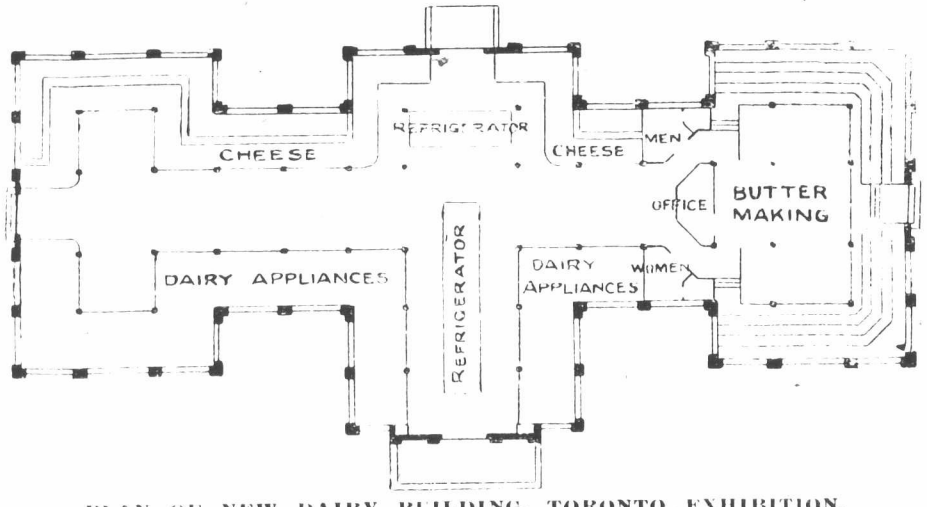
QUESTIONS AND ANSWERS.

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

Veterinary.

WORMS AND BOG SPAVIN IN COLT. I have a two-year colt troubled with worms. He has been on grass since 28th of May.

STOMACHIC TROUBLE IN COLT. I have a three-year-old colt that was poorly wintered. I put him in the stable and have been feeding him 2 1/2 gallons of oats and a gallon of bran and hay daily.



PLAN OF NEW DAIRY BUILDING, TORONTO EXHIBITION.

wind, and I am afraid it may develop wind-sucking. Ans.—The change of diet has been too sudden...

JOINT ILL. My mare's colt did well for two weeks, then became lame on left hind leg at fetlock. It bled and ran a grayish brown fluid...

BRONCHOCHEL. I have a colt two months old with a cough when he is excited and when he is in the stable...

Miscellaneous. STANDARD WEIGHT OF DIFFERENT BREEDS OF SHEEP.

Table with 4 columns: Breed, Rams, Ewes. Rows include Lincoln, Cotswold, Oxford, Hampshire, Leicester, Dorset, and Southdown.

The Stomach Worm

Ravages of the stomach worm affecting sheep, goats and many cattle are usually felt in infected flocks late in July, August and September.

Scientific investigations have proven that the stomach worm is aided much in its life-history by the presence of pools of stagnant waters...

JOHN SPENCER, Veterinarian, Chicago Livestock Station.

Chicago Markets.

Chicago, Aug. 1. Cattle Receipts, 3,500, including 1,000 head of 2 1/2 yearlings, steady; good to prime steers...

Montreal Markets.

Montreal, Aug. 1. Cattle Receipts, only three or four of the best quality, very few over \$4.00.

British Cattle Markets.

London, Aug. 1. Cattle, steady, at 16s to 14s per head, best at 17s.

Make Your Home Beautiful.

Make your home beautiful—bring to it flowers. Plant them around you to lead and to bloom. Let them give life to your lonelyst hours. Let them bring light to calve your weary eyes. Make your own work-ones that never has sorrowed. Of music and sun-bine, and good cheer and merriment. A home-world whose forehead can never be furrowed. And whose cheeks of bright beauty shall ever be lit.

Make your home beautiful—wave round its portals. Wreaths of the jasmine and delicate sprays. Of red-fruited woodbine, with gray ivy on the walls. That blesses and brightens wherever it strays. Gather the blossoms, too, some little flower. Varied verbena, or sweet myrtle-leaf. Still may bring bloom to your desolate tower. Still may bring something to love and to pet.

Make your home beautiful—sure 'tis a duty. Call up your little ones, teach them to walk Hand in hand with the angel of beauty. Encourage their spirits with Nature to talk. Gather them round you, and let them be learning. Lessons that drop from the delicate wings. Of the bird and the butterfly, ever returning. To Him who has made all these beautiful things.

Make home a hive, where all beautiful feelings. Cluster like bees, and their honey-dew bring. Make it a temple of holy recollections. And "love" its bright angel with "shadowing wings." Then shall it be, when afar on life's billows. Wherever your tempest-tossed children are flung. They will long for the shades of the home-sweeping willow. And sing the sweet song which their mother had sung. —Eliza Cook.

Summer Laundry Work.

The charm of the summer wardrobe depends largely upon its freshness. A properly laundered garment, no matter how simple or inexpensive, is always attractive and in good taste. For the benefit of the women who have this work done in their homes, I have written the following directions. If they are followed with care the work will be found simple and the result most satisfactory.

WHITE COTTON AND LINEN ARTICLES. Soak the articles in cold water for half an hour. Wring from the cold water; soap and rub the soiled places; drop into hot water; wash well. Soap again and drop into boiling water. Partially cool in this water, rinse in several clear waters, then in bluing water. Wring dry and starch. Dry in the sunshine. An hour or two before beginning to iron, dip the articles in boiling water, and pass through the wringer. Roll in a sheet or towel, iron on the right side, being careful to press until perfectly dry. Embroidery and lace should be ironed on the wrong side and over a piece of clean flannel, that the pattern may be brought out.

COLORED COTTON FABRICS. Materials with colors printed on a white ground should be washed in two tepid soap-suds. Rinse in several cold waters, and finally in bluing water. Starch, and dry in the shade. About an hour before ironing, sprinkle and roll in a cloth.

Fabrics in dark colors or in solid delicate shades should not be washed with soap. Starch will clean them perfectly and leave the goods practically the same as new. Any kind of starch may be employed, the best being cornstarch or flour, or the water in which rice has been boiled (three quarts of water to half a pint of rice). The starch may be strained and used tepid, not hot. Wash the garments in two starch waters, then rinse and blue. Enough starch will remain in the fabric to make it about as stiff as you wish. If you wish a stiff neck, collar, or cuffs, then rub a little starch on the neck, collar, cuffs, and starch the garment. Dry in the shade, dampen, and iron on the wrong side.

SHIRT WAISTERS, CUFFS, COLLARS, etc. Many of our waists are no longer worn with stiff collars, but collars and cuffs are worn with them, and must be made stiff enough to keep their form. Starch them as directed. Dip the cuffs and collars in the starch, and clap and rub the articles, between the folds, until every thread is saturated with it. Draw through the hand to remove the superfluous starch. Lay flat, fold in a cloth and pass through the wringer. Dry quickly, dip in tepid water, and change a second time. When ironed, stretch in the sun, or on a clothes-line, for two hours and the work is well done.

If the articles are white, or a pale color, after the washing, dip in a solution of blue, and dry in the shade. Do not use blue on colored goods, and do not use blue on the same garment as you have the starched.

TO FAVORITE THE. It is a well-known fact that it is difficult to launder silk, and it is a most painstaking work. Here are a few directions. Do the work quietly. Bring the water to a boil. Press or shake out the water. When the washing is complete, wring out the clean, dry sheet or cloth and lay it flat. Dry in the sun, or less, time. Silk may be stiffened by dipping in a solution of isinglass or gelatine.

Use a very hot iron, always have a piece of muslin between the iron and the silk, and keep the silk perfectly dry.

For worse silk, shave fine one ounce of white soap, add it in a bowl with half a pint of alcohol and a gill of white honey. Stir over hot water until the soap is melted. Spread the garment on a clean table, rub the soiled parts with the preparation, using a soft brush or sponge. Rinse in several cold waters.

For light and colored silks and pongees, make a strong suds with hot water and fine white soap. Put this in two tubs or bowls. When tepid put the garment in. Wash by rubbing between the palms of the hands. Wash in the second suds in the same manner. Rinse in cold water. Roll in a clean, dry sheet and iron as soon as possible. If stiffening is liked, dip in a dilute preparation of isinglass or gelatine.—[Marta Parlow, in Ladies' Home Journal.]

Sympathy Lightens Sorrow.

Since our last issue the glad tidings of the King's almost certain recovery to health has from time to time reached us, with the probability of an early date, Aug. 9th, being fixed for the coronation.

A nation's prayers have been graciously answered, and a lesson taught, and let us hope and believe, learnt, which cannot but have its deepest meaning for both king and people. That there was some very wise and perhaps immediate purpose in the restraining hand of our God being laid upon the almost completed plans of the English nation at such an important crisis of its history, no one dare doubt. It is the Lord, let Him do what seemeth Him good, and with this the rebellion in the hearts of the subjects of the King of Kings had to be stilled. Even now there has been granted to us some faint sense of the "why and wherefore" of the startling lesson. Out of the suffering of the one, a suffering most royally borne; out of the anxiety of the other, itself a test of faith and courage, has grown a bond of love and loyalty, of mutual trust and interdependence, which was well worth all it cost to ruler and ruled alike. They were sharers in a great calamity. Each also tried, for the other's sake, to hide all suffering, and to make light of its load of care. The King was full of tender solicitude for the disappointment of his people, and his people only wanted him to know that the prayers of countless thousands were daily ascending to the Throne of Grace that the life so precious might be spared.

Amongst the gathered records of the coronations of the past, it was expected that none would be so glorious as that of Edward VII. Now it must be shorn of much of its outer magnificence. The actual presence of representatives from kindred nations cannot grace it, but there must still remain its truest significance, that in which breathes the spirit of the whole coronation rite, the consecration of the man and his office to the service which God has called him, which is, as Ruskin says, "not that of a king merely, but the very justice of God and His eternal law." Perhaps in the calm of his hours of slow recovery, King Edward has taken even more deeply into his heart than he could have done in the turmoil of the earlier preparations, the words of St. Dunstan, uttered at a coronation service nearly a thousand years ago: "Oh, loved lord, think of this often, that thou shalt at God's judgment lead forth and lead up to the Shepherd those over whom thou art made shepherd in this life, and how thou must keep this generation that Christ himself bought with His blood."

Truly, amongst the records in connection with the coronations of the past, there will be none so unique and so full of meaning as that which has been called an Historic Service at Westminster Abbey upon the day when it was already prepared for the coming solemn service, clergy, choir and ceremonial officers all assembled.

The situation, when the sad and sudden announcement of the King's illness and the nation's extremity had to be made, was intensely dramatic, weighted with a suspense of grief and fear which could find no more heaven-sent outlet than that found in the words of the Bishop of London, who, after giving his heart-breaking message, said:

"We who are here cannot do better than join at once in earnest intercession to Almighty God. A portion of the Litany provided in the service will be sung; and I invite you to join in it with all your hearts."

"Who that was present can forget the august and touching act of worship?"

"Kneeling at the faldstool where he and Dr. Paget should have intoned it together on the morning, the Bishop of Bath and Wells began to sing the Litany, set to Tallis's dirge-like music:

"O God the Father of Heaven: have mercy upon us miserable sinners."

Tears beyond all restraint ran down his face, and the first response of the choir was a feeble, but the harmony gained richness. It was wailing and wailing up to heaven. Westminster Abbey—the mausoleum of English kings, queens, nobles, of poets and heroes, of others who England loved. But is it possible that any service so poignantly affecting, so awfully thrilling and solemnity, can have been held within its walls?

The dirge in their mere cassocks, the supplies of a nation not represented in any way, may be feeble; but an intense cry of prayer and supplication.

By the agony and bloody sweat, cross and passion; by Thy precious blood; by Thy glorious resurrection and

and by the coming of the Holy Ghost, good Lord, deliver us!

"In all time of our tribulation; in all time of our wealth; in the hour of death and in the day of judgment, good Lord, deliver us!"

"In the midst of all that paraphernalia of royalty, the old words were too bitter for endurance. Comfort came with the noble hymn that followed: "God, our help in ages past!" Then, once more, the little congregation went upon their knees; and the Venerable Dean, bent with the weight of his ninety-six years, in faltering accents gave them his blessing.

Can any one presume to portray the feelings of the royal sufferer when he was told of the reverent manner in which the first announcement of the sad tidings was received in the grand old Abbey, of the great multitudes of sorrowing people whose joy was hushed into silence as they awaited, in holiday attire and bathed in glorious sunshine, the verdict from within the Palace gates, or when, also, mention was made to him of the old man with silvery hair, uncovered, as he approached the great iron railing without, and uttered aloud a fervent prayer for his king's recovery? The cry of that King in his extremity had been, "Comfort ye, comfort ye, my people, O Lord," and truly the prayers of both were answered, for both alike were comforted of God. H. A. E.

Sofa Pillows.

II.

Last month we were talking about the everyday pillow. This time we shall consider the gala-day one—not the exclusively ornamental, for such pillows are an unending source of tribulation. The baby is sure to try to pick on the flowers with his sticky fingers, and callers are apt to throw damp or dusty wraps over them, and Tom doesn't see what sofa-pillows were meant for if not to lean his head upon. And so, very often, the exclusively fancy pillow is the cause of much vanity and vexation of spirit. But in this day of cushions one can easily combine the ornamental with the useful, and beautiful pillows certainly lend an air of grace and elegance to a room.

To begin with, there is the painted pillow—for those of us who know how to mix colors and apply them. Satin or velvet makes a good foundation to work on, and felt is fairly good, and it is well to choose some dark shade that will not soil easily. Water-colors may be used for the satin, but oils are preferable, as the former are liable to rub off. Pink or cream, roses, or cranes-blossoms on a black satin ground makes a handsome pillow. Make the back of satin the same shade as the flowers, and finish the edge with a heavy black-and-gold or black-and-pink cord. A black-and-white pillow that is unusually striking, but the execution of which demands considerable artistic ability, is of white satin decorated with a wash drawing in India ink, or some of the productions of the leading illustrators. This one is finished with a black-and-white cord knotted at the corners, or midway between them.

A pillow that was much in favor a short time ago was the silk-pouch pillow. It is made of small squares of silk pleated at the sides, tacked on a smaller square of lining, and filled with cotton batting to form a pad. When enough pouches have been finished for a cushion, the various colors are arranged artistically, and are all sewed together, and are ready to be pinned to the back. The pillow done in tinted embroidery is very pretty. This may be bought with flowers or figures stamped on the design in the natural colors, and need not be finished with silk or to have the border of the design worked in long and short embroidery. The "American Girl" pillow is also very attractive, though why it should be called the "American Girl" I do not know, for surely the charming girl is every bit as charming. This pillow has an oddly-shaped center of white duck, on which are embroidered with the red, all the features and elegant touches of a lady's face. This is applied on a red background which is decorated with a black or white cord, or with a cord of the newest fashions is of the color of the center of the pillow.

A pretty wash pillow is made of a square of black or dark blue cloth, on which you lay, with your fingers, a row of small squares of silk, and with a cord of the color of the squares around the edge.

For a green wash pillow, or pale blue and old green, or any other color, the pillows may be made in the same way. The way is to do the squares and then to sew them up, and line with silk or velvet. The squares may be made with the same color as the background, and line with the same color. Another way is to make the squares of a different color, and line with the same color. The squares may be made with the same color as the background, and line with the same color.

Make the squares of a different color, and line with the same color. The squares may be made with the same color as the background, and line with the same color. Another way is to make the squares of a different color, and line with the same color. The squares may be made with the same color as the background, and line with the same color.

Ingle Nook Chats.

My dear Guests,—

The essay on "The Wild Flowers of Our Province" did not elicit as general a response as I had expected, only three provinces competing, viz., Ontario, Prince Edward Island, and Manitoba. The awards, governed by the rules given, are as follows: Ontario's prize goes to Miss A. L. McDiarmid, Ormond, Ont., but the essay is too long for publication in our columns. Walter Jose, "Marie" and Janet Waterman also sent excellent papers. The latter took great pains in preparing hers, but did not comply with all the regulations. Maud Jose and Florence Fortner also sent very good essays. Prince Edward Island had but three representatives, and the prize is given to Miss Elsie R. Matthews, Alberton, P. E. I. The other contributors from this Province are Georgina Matheson and Annie Matheson. Manitoba's prairie beauties have but two admirers: Miss Jean Murray, Lyleton, Man., to whom the prize is awarded, and Maggie McWilliam.

One of our former prizewinners writes: "Highly as I appreciate seeing my name receive more than honorable mention in the 'Advocate,' I value still more the opportunities offered by the contests of improving myself in penmanship and composition." This is the main object for which the contests are intended; the giving of prizes is but an incentive to further that end.

"Jewess."—The Chats are always written several days before they appear in print, consequently the remark, "there is nearly a month," was correct. I hope this will not discourage you from future effort. I am a great flower-lover, and the "wildings of nature," as Coleridge calls them, are great favorites of mine, but I must admit that I am not nearly so well acquainted with their names as are my Guests. The trailing arbutus I have often heard of, but have never seen. I do not think it grows near my home. I wish some of my more favored friends would send me a spray of bloom next spring. How did your correspondence progress, "Jewess?"

Annie Laurie.—Did you receive the addresses I sent you? THE HOSTESS.
Ingle Nook Chats, Pakenham, Ont.

The Wild Flowers of Prince Edward Island.

BY ELSIE R. MATTHEWS, ALBERTON, P. E. I.

As I have opportunity for seeing only a small portion of this Province of Prince Edward Island, the number of flowers I shall write about will be limited. As soon as the snow is off the ground in spring, and the sun begins to shine warmly on fields and woods, the pink and white Mayflowers begin to develop their buds, and they are out in bloom about the middle of May; but if the spring be early, they are out in April. My favorite wild flower is the golden-rod, which grows best in damp places in the woods. The plant grows to the height of about one foot, and the flower, which is yellow, extends for about three inches along the top.

The marsh marigold resembles very much our garden marigold, and it gets its name on account of its growing in marshy places.

The dandelion grows in our country very profusely if allowed to, and as it spreads very rapidly, it soon becomes an enemy to any tiller of the soil. Its flower is yellow, and sometimes grows as large as a fifty-cent piece.

The wild daisy usually grows in pasture land, in a clearing in the woods, or in any piece of untilled land, and sometimes in grain fields.

The wild mustard is a great enemy of the farmer, for almost the only place it is found is in the grain fields; the flower is yellow, and the plant grows as high as the grain amongst which it is found.

The buttercup is a well-known and a much-loved flower. It usually grows in damp places, but it sometimes grows in drier lands also. The plant grows about one foot and a half high, and the flower (of which there are three or four on one plant) is yellow.

The violets, of which there are two kinds, the blue and the white, bloom generally in May and the first part of June, and they grow in the meadows, but also in the woods.

The Wild Flowers of Manitoba.

BY JEAN MURRAY, LYLETON, MAN.

The wild flowers which grow on the prairie in Manitoba are very beautiful and varied.

The first flower of the year is the anemone (also called crocus and windflower). Some of them are white and others are blue. The anemone is a very brave flower, coming as soon as the snow is off the ground. To smell a pressed anemone is a sure cure for headache.

The next flower that comes is the buttercup, which is a pretty little yellow bloom, growing along the banks of the ravines and other damp places.

The milk yetch and the violets come about the same time. The yetch belongs to the pea family, and has a very strong smell.

The blue and yellow violets grow all over the prairie, while the white violets grow in the bush only. The violets have a very pretty heart-shaped leaf.

The three-flowered avens and the primroses grow with three flowers on one stem. The avens are little cream-colored flowers, almost completely hidden by their sepals, which are red. The primroses are yellow or purple flowers; both they and the avens belong to the rose family.

The daisy, cow-slip, wild candytuft, and Pennsylvania anemone are to be found growing all over the prairie.

The daisy is of a white or heliotrope colour, while the cow-slip is a little yellow flower, which the cows are very fond of. The candytuft and Pennsylvania anemone are white. The wild candytuft resembles the tame candytuft, and the Pennsylvania anemone is very much like strawberry blossoms.

The water parsnip has three or four bunches of tiny yellow flowers on each stem.

The bell mustard and shepherd's-purse are very much alike, and both belong to the same family. The shepherd's-purse is white, while the bell mustard is yellow.

The bellflowers and beard-tongue are blue. The bellflowers are of the shape of a bell.

The flax and fringed gentian are about the same size as the last two mentioned.

The rose is one of the prettiest of wild flowers. Rose-hips are also very pretty. The colors of the rose are pink, white, and red. The rose-hip is very variable in size, growing from a few inches to four feet high.

The sunflower, cone-flower and gold-eyed poppy all belong to the family of sunflower. At old times the sunflower looked like a bunch of gold.

The poppy is also yellow, and it is shaped like a

The large red lily is a large and beautiful flower, growing in damp places. Its sister, the water lily, is yellow, and

ing only in deep water, and only rivalling the orange lily in beauty.

The three-flowered wild tomato, also called wild tomato, is very troublesome as a weed.

The wild bergamot and bindweed grow in the bush. The bindweed is a vine which climbs to the top of the highest trees.

Just as summer takes her departure, the anemone comes back to say Good-bye.

There is Ever a Song.

There is ever a song somewhere, my dear,
There is ever a something, some-where away;
There's the song of the lark when the skies are clear,
And the song of the thrush when the skies are grey,
The sunshine showers across the ground,
And the bluebird thrills in the orchard tree;
And night and day when the leaves drip rain,
The swallows are twittering ceaselessly.

There is ever a song somewhere, my dear,
Be the skies above or dark or fair;
There is ever a song that our hearts may hear,
There is ever a song somewhere, my dear,
There is ever a song somewhere.

There is ever a song somewhere, my dear,
Be the night black or the midday blue;
The robin pipes when the sun is here,
And the cricket chirps the whole night through,
The lads may blow and the fruit may grow,
And the autumn leaves be crisp and sore;
But whether the sun, or the rain, or the snow,
There is ever a song somewhere, my dear.

—James Whitcomb Riley

THE CHILDREN'S CORNER.

Miss Sunshine.



Here is a dear little maiden,
With eyes like moonlight fair,
And somewhere a sunbeam is hidden
In the bright lassie's hair.

And another's gone creeping, creeping,
Down into her heart, ah, deep,
But sometimes you'll see it peeping
At you when you want to weep.

For she has a way entrancing,
With arms so soft and roundly,
She can set the dimples dancing,
And brighten the whole playground.

You must smile, you can't repress it,
And you'll wish you'd never met her,
For sadness, you will forget it,
When this little girl is near.

About Dogs.

Many stories have been told about the gallant St. Bernard dogs who spend their lives in the noble work of saving travellers lost in the snow on the mountains. Perhaps it may surprise you to hear that when an one needs one of these dogs now he can telephone for his rescuer! No, I don't mean that the dogs stand at the telephone, listening for orders. Clever as they are, they are not quite wise enough for that yet. One day last summer an American was climbing the Alps, and about half-way up to the Hospice of St. Bernard he was stopped by a dense fog.

"This is going to be quite an adventure," he said to himself, "I shall be rescued by dogs, and have something very interesting to talk about when I go home."

No dogs appeared, however, so he waited till the fog lifted, and then he went up to the Hospice where he had heard the dogs were kept.

While the dog was waiting the mountaineers were da-gone for the day.

"You didn't believe me," was the startling reply. "Then he learned that shelters had been

built at intervals along the path, and each shelter was provided with a telephone. If a fog came up, the traveller had only to go to the nearest shelter and telephone. Then a man and dog would be sent immediately to his assistance. The American was so disgusted to think that all the romance was knocked out of mountain climbing, that he left Switzerland at once.

However, you must not think that dogs have quite given up rescuing travellers in the old-fashioned way. A short time ago a man was cutting wood near one of the mountain hotels, when he was suddenly buried under an avalanche of snow. His two dogs—which were not St. Bernards—were with him. They rushed down to his house in the valley and made such a fuss that it was plain something had happened. The man was soon dug out of his snowy grave, very little the worse for his exciting adventure, but very grateful to his two clever dogs, who had certainly saved his life by leading the rescue party to the spot as quickly as possible.

I used to know a dog that went regularly to the post office every day with a basket for the mail. But that is nothing compared with a dog living on a farm in New York State that meets one particular train every day. The conductor throws a newspaper to him and he picks it up with his teeth and trots home with it. The conductor is the farmer's son, and takes this plan of sending a daily paper to his parents.

Carlo never meets the wrong train, and never fails to be on duty, rain or shine, at the proper hour. How he knows the time it is hard to tell, but he certainly doesn't look at the clock.

Bulldogs are said to be animals that never learn and never forget. Whether they never forget or not, they certainly do learn new tricks sometimes. A bulldog named Grip was so fond of fighting that he had to be muzzled. Then all his canine enemies, and he had a good many—pitched into him at once, for dogs have very little idea of "fighting fair." Things looked decidedly bad for poor Grip, who could not use his teeth. Luckily for him, one of his men-friends was a noted wrestler, and the dog had often watched him training for a match. The knowledge thus gained was not thrown away, and before the other dogs had time to say "Jack Robinson," Grip was practising on them the tricks he had seen the wrestlers use. Soon a whole army of limping, broken-limbed dogs appeared in the streets. Grip has the floor to himself now, and no other dog ventures to attack him even in his muzzled condition.

But in our talk about dogs we must not overlook the famous pet of a certain old lady well known to you all:

"Old Mother Hubbard,
She went to the cupboard
To get her poor dog some bread,
When she got there
The cupboard was bare,
So the quadruped ate her instead."
"To this she objected
As might be expected,
But he, with a slung of his face,
Said, 'Dear Mrs. Hubbard,
The state of your cupboard
Has long been a perfect disgrace!'
"It's always the same
No poultry, no game,
Not a vestige of knuckle of pheasant,
Not a bit of roast ham,
Not a wing of cold lamb,
Not even a sausage of apricot jam,
And I find it distinctly unpleasant."

COUSIN DOROTHY

A Rare Accomplishment.

If you had asked her about her accomplishments, she would have told you that she had none, and would have been quite sincere in her answer. She did not know how to play the piano, and she had never tried her hand at water colors, or crayon sketching. She had never found time for embroidery. She got off the key when she tried to sing. In fact, one might run through the list of what are called accomplishments without naming one at which she was an expert.

Yet this sunny-faced, sweet-voiced girl had one accomplishment which outweighed all those she lacked, wherever she went, wherever she was.

She was a Japanese maiden. Children stopped fretting when she came near. Old people came back from dreams of the past and found the present sweet. Without being wise or witty or beautiful, there was an aboutness of peace about her like the fragrance of a flower. Her smile had the comforting warmth of sunshine. The tones of her glad young voice stirred the heart like a song.

You girls, who are fitting your lives for the and to adorn life, will do well to take into account this rare and valuable accomplishment. You have a good part of your preparation made, and you have started the rest of your happiness.

It is said that when a French girl was asked how she got that beautiful complexion, she answered, "I have never used any of those things that are advertised in the papers. I have only used a little of the 'old-fashioned' way." He was the only one who had the quality of calmness and contentment in their eyes.



VINCENT & MAGPHERSON,
The Leading Western
Undertakers and Embalmers.
Rosser Avenue, Brandon.
Write for furniture catalogue.

THE
Great West Saddlery Co.
(LIMITED)
make the best and most perfect fitting Horse Collars and Harness in Canada. Our Saddles and Strap work are Gems of perfection of the leather workers' art. Branches and agencies everywhere. Ask your dealer for our Horseshoe Brand Horse Collars, and take no other make if you want the best.
WINNIPEG, MAN.
FOR SALE, CHEAP: 1 Yearling Shorthorn Bull.
J. H. TAYLOR, ONT. KEENE, ONT.

Horses for Sale
150 horses for sale, consisting of brood mares and young stock. Also ranching outfit. Would exchange for good city or farm property in Western Ontario. Particulars may be had from
FRANK PETCH, LANGENBURG, ASSA.

The REID Hand Separator
Is the closest skimmer, as well as the easiest running and most economical separator made.
Very Simple and Durable. Capacity 150 to 200 lbs per hour. Prices \$60 to \$100.
Hand separator circular and illustrated catalogue of dairy supplies free.
A. H. REID
30th and Market St., Philadelphia, Pa.



NOTICES.
A CHOICE FARM, the property of Pirie Bros., Putnam, Ont., is being offered for sale. Those desirous of investing in an up-to-date, well located farm should read the advertisement in this issue.
MANUFACTURERS PROTECTED.—Mr. Justice Street recently gave decision at Osgoode Hall, Toronto, Ont., in the long-pending case of Gillett vs. Lamsden, for infringement of registered trade mark, declaring that the defendants, by using the word "cream" as applied to their yeast, have infringed the plaintiff's right. Gillett & Co. were granted a perpetual injunction restraining Lamsden Bros. from using the words, and they were also required to pay the cost of the action. Gillett & Co. had made and sold, under label, large quantities of "Cream Yeast" from 1877 to 1885, when they introduced "Royal Yeast," but did not relinquish their right and title to the other preparation, the label of which was registered at Ottawa in 1877 and 1891. In January, 1901, defendants began the sale of "jersey Cream Yeast." They pleaded ignorance of "Cream Yeast," but had evidently copied verbatim portions of the printed directions from plaintiff's packages. As already stated, decision was given against them.
LABORERS. The question of suitable ladders to become a live one in this country is being solved by the old-fashioned split-pole ladder is past; it goes with the old-fashioned hammer, axe, saw, and hayfork. The new ladder, made of iron, must be light, strong, and handy. The company will send its illustrated catalogue on application. The managers will guarantee their goods, and guarantee satisfactory purchase. See their advt. in

GOSSIP.

Any person interested in Yorkshires should have a look at Gus Langelier's ad., offering a young imported boar delivered at your station for only \$40.00.

Mr. Ed. Robinson, Markham, Ont., reports recent sales of thirteen good Shorthorns to different parts of Canada and the United States. He has just got home a lot of choice imported cows and heifers of Scotch breeding, which will make a valuable addition to his herd.

Our readers will do well to note the change of advertisement by W. J. Shean & Co., "Rosevale Stock Farm," Owen Sound, Ont., breeders of Shorthorn cattle. They are making some choice offerings in cows, heifers and young bulls. Look up their announcement.

Of the many choice animals to be sold at the Hamilton sale, we would draw the reader's attention to the photo-engraving in this issue of Nonpareil of Lakeview 3rd, owned by W. D. Flatt. This beautiful, smooth, even-fleshed 3-year-old heifer comes from the famous Nonpareil family so highly prized by Cruickshank and Campbell, and on this continent. Two other contributions to the sale by Mr. Flatt, Lady of the Boyne 5th (imp.) and Mistletoe 21st (imp.), were portrayed in our last issue.

HINTS TO SHROPSHIRE BREEDERS.

As this is the season to wean lambs, they should be carefully marked with ear labels before separating them. If you do not have the labels write to the undersigned. It will be well to record all of your lambs while their pedigrees are fresh in mind. The high price of beef has materially increased the demand for mutton, and higher prices will be paid for pure-bred sheep this season than ever before. Registered Shropshires are still maintaining their lead as the most profitable wool and mutton sheep. Our membership increased more during the past year than ever before in the history of the Association.—Mortimer Levering, Secretary, Lafayette, Ind.

IMP. WANDERER'S LAST AND ROAN QUEEN.

The two animals portrayed in this issue, which are being contributed by Capt. Robson, Alderton, Ont., to the Hamilton sale, are of unusual merit both in breeding and individuality. The low-set, blocky, thick-fleshed 2-year-old bull, Wanderer's Last, bred by W. S. Marr, Upperville, Aberdeenshire, Scotland, has behind him an ancestry of which there are none more famous. The yearling heifer, Roan Queen, a grand individual possessing substance and quality hard to surpass, is likewise descended from noted stock. Her sire, First Choice, belongs to the Aberdeen Lady family, that famous prize-winning branch of the Marr Missie tribe.

RAMS FOR N.W.T.

I am directed to call your attention to the importation of pure-bred rams, under Government auspices, which will be carried on under an arrangement with the Canadian Pacific Railway Company, whereby the rams (which must be delivered at some convenient point on the said railway in Ontario) are gathered and forwarded by carload lots to the West, in charge of a reliable man, and distributed at desired points upon the C. P. R. main line or branches in the Territories. The Government and Railway Company defray all expenses over and above the sum of \$2.00 per head, which must be deposited by the applicant. As soon as parties are in a position to make application to the Department for the transportation of stock, blank forms will, upon notification, be supplied them, which are to be filled out and returned to this Department, accompanied by the sum of \$2.00 for each ram. Flockmasters availing themselves of this offer will be expected to make their own arrangements, through friends or otherwise, regarding the purchase of their rams. If unable to do so, they will, upon application to the Department, be placed in communication with the Secretary of the Live Stock Associations of Ontario, who will purchase for them what stock they require for a nominal commission. It is not necessary for applicants for transportation of rams under this arrangement to make their purchases in the East prior to filing their applications with the Department. If anyone desires to obtain the reduced rate in question, he should file his application at once, and he can then purchase what stock he requires in the East at his convenience. As the shipment will not take place until the end of October, there will be ample time to complete such arrangements. Should he fail to do so, the deposit in the hands of the Department will be returned to him. As above indicated, only stock can be accepted for transportation under the arrangement outlined, and no more than four head can be shipped to any one applicant at the \$2.00 rate. The Department will, however, be able to arrange for the transportation of pure-bred ewes, also, on the understanding that applicants pay the full proportionate cost of transportation, at owners' risk only, but every precaution will be taken to ensure satisfactory results. As the number of rams which it is intended to bring into the Territories during the coming autumn, under the foregoing arrangement, at present limited, applications will be considered in the Department on a basis of priority.—J. H. ASH, W. PETERSON, Deputy Comr. Genl.

TESTIMONIALS.
Yes, we have over 35,000 of them from satisfied users from the Atlantic to the Pacific, and from Hudson's Bay to the Gulf of Mexico, besides many times this number from all over Europe! We don't claim the earth, but when it comes to perfection in cream separators the DE LAVAL is it.
It apparently costs a little more money, but you get value received in the fullest sense of the word, and will save its first cost over and above what the others can do for you several times during its natural life.
MONTREAL, TORONTO, POUGHKEEPSIE, NEW YORK, PHILADELPHIA, CHICAGO, SAN FRANCISCO.
THE DE LAVAL SEPARATOR CO.
OFFICES, STORES AND SHOWS:
248 MCDERMOT AVE., WINNIPEG.

MOTHERS
THE skin of infants causes half their discomforts.
Baby's Own Soap cleanses, soothes and heals irritations. Keeps the pores open, and leaves a deliciously fresh sensation to the little bodies.
Don't Be Misled by storekeepers who, to make more profit, sometimes urge the purchase of other soaps instead of **Baby's Own Soap.**
The quality and purity of this soap are such that you cannot buy a better one for any money, nor as good for the price of **Baby's Own Soap.**
ALBERT TOILET SOAP CO., MFRS.
MONTREAL.

CLYDESDALES FOR THE N.W.T.

Mr. A. A. Cameron, of Oak Lake, Man., has recently imported four well-bred Clydesdale purchased from Mr. W. S. Park, Hutton, Bishopston. They are three fillies and one colt. One of the former is Lady Ethel, sometimes known as the Belle of the Ball, which, as a yearling in the hands of Mr. James Kilpatrick and Mr. Alexander McIntyre, Dunellan, was first at Galston, first and champion at the Bute Show, and third at Kilmarnock, and again this year as a two-year-old was third at Kilmarnock. She was got by the Valerianus horse, Prince Alfred, and is sired on the dam side, being descended from a mare of mare-owned by Mr. Barr, Shieldhall, Meams. An other filly was Lady Renwick, by the Prince of Wales horse, William the Conqueror 9995, and the third was Kate Lothian, a yearling bred at Hutton, and got by the noted prize horse, Lothian's Best, out of that celebrated brooding and prize mare, Kate Park, the dam of the celebrated colt, Lord Dundonald, winner of numerous first prizes as a yearling, and two-year-old, and exported to Australia at a very

long price. Along with these, Mr. Cameron bought the yearling colt, Royal Ascot, which gained second prize at Bishopston and Kilbarclach this year. He was got by the Baron's Pride premium horse, Ascot, out of a mare by Chalmers Dundley 9967, in stud by the famous Belled Knight 9126.

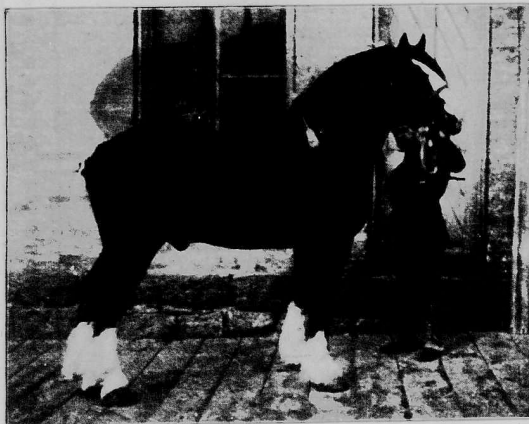
ABERDEEN ANGUS IMPORTATION.

Mr. James Bowman of Guelph, Ont., well known from the "Scottish Farmer," has bought from Mr. Thomas Smith, Fowling, a fine three-year-old cow, Pride of Fowling N.E. 12794, an excellent bull calf at her foot, by Major Key of Glamis 91899. From Mr. Alex. McEwen, Mr. Bowman bought a beautiful yearling cow, Marie of Auchincloss 9127, also to be the noted show bull, Major Key of Glamis 91299, and a pair of calves, Major Key VIII, 91298, and Major Key IX, 91299, both acquired from Mr. H. C. Laidlaw, Hutton, Bishopston, the new second-hand Prince of Bonny 91296, and the new second-hand Prince of Bonny 91297, and the famous yearling out of Pride of Aberdeen 91298.

FOR SALE:
DRAFT HORSES
OF ALL AGES.

OWING to lack of range, we have decided to cut our herd of draft horses down to one-half and sell 2,000 head at greatly reduced prices. This great selection of mares, geldings and growthy youngsters of all ages represents the results of seventeen years of judicious mating to strictly high-class Percheron, English Shire, Clydesdale and Hackney sires. We can furnish high-grade brood mares and fillies with foal to imported and home-bred registered stallions, and have always on hand a large and first-class selection of registered and high-grade Percheron and English Shire stallions, also registered mares and fillies of same breeds. Correspondence solicited. Inspection invited.

LITTLE MISSOURI HORSE COMPANY,
W. G. CLARK, SUPT.
GLADSTONE, NORTH DAKOTA.



Alex. Galbraith,
JANESVILLE, WIS.,
and BRANDON, MAN.

Importer of the best class of
STALLIONS

for the last twenty years,
Has supplied 75 per cent. of the
Manitoba trade during last season.
New importation of winners will
arrive September 1st. Don't miss
seeing them.

JAMES SMITH, AGENT,
Beaubler House,
BRANDON, - MANITOBA.

W. W. OGILVIE MILLING CO.

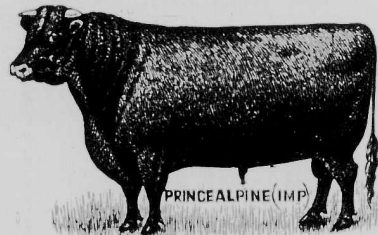
BY ROYAL WARRANT MILLERS TO

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ASK FOR
Ogilvie's
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THE WORLD'S BEST FAMILY FLOUR.

W. S. LISTER, MARCHMONT STOCK FARM,
BREKEDER OF..... MIDDLECHURCH, MAN.
SCOTCH SHORTHORNS

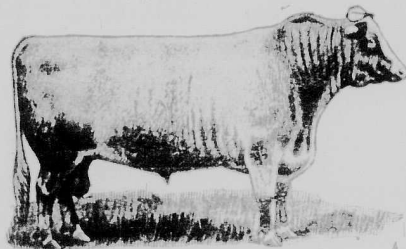


Prince Alpine (imp.), of the celebrated Glenythan family,
and Baronet (imp.), of the Sittyton Secret
family, at head of herd.

6 BULLS over 1 year, all by imported Scotch bulls, 3
from imported dams, and many younger.
2 white bull calves at half value.

Farm seven miles north of Winnipeg. Telephone connection.

PRAIRIE HOME STOCK FARM



CLYDESDALES, SHORTHORNS, SHROPSHIRE,
BERKSHIRES and YORKSHIRES.

Shorthorn herd headed by Judge, imp. Jubilee, and Rib-
bon's Choice. Ayrshires of the best quality; herd headed by
Surprise of Burnside. Oak Lodge Mighty 7th and a
large number of high-class sows represent the approved
bacon type of Yorkshires. The Berkshire boar, Victor
(Teasdale), sweepstakes at Brandon and Winnipeg, 1900,
and 30 sows of faultless conformation and superior breed-
ing, make up the Berkshire herd. Farm one mile from the
station. Visitors welcome. Prices and quality right.

THOMAS GREENWAY, PROPRIETOR,
Jas. Yule, Manager. Crystal City, Man.



Hill Grove.

I am now offering one splendid young August boar
and sow by H. G. Conqueror, and out of Linden
Queen. Sow open or bred by April 1st. Orders
booked for March, April and May pigs, from such
sows as H. G. Maid, H. G. Beauty, and Duchess of
Hill Grove—the best sow I ever raised.

A. E. THOMPSON, HANNAH, N. D.
Canadian shipping point, Snowflake, Man.

Please Mention the Farmer's Advocate.

TO FARMERS AND STOCKMEN

\$175 in Gold.

For years farmers and stockmen have been sending their cream to the creameries, and, as a consequence, calves have suffered. Our Carnefac Stock Food makes an excellent substitute for the cream, and to encourage the use of it we offer

THREE PRIZES AT WINNIPEG FAIR IN 1903.

THE PRIZES ARE AS FOLLOWS:

First—For the Heaviest Calf, any pure breed or grade, born after the 1st of January, 1903, fed on Carnefac Stock Food, \$100 IN GOLD.

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Third—For the third Heaviest Calf, any pure breed or grade, born after the 1st of January, 1903, fed on Carnefac Stock Food, \$25 IN GOLD.

Only One Entry will be allowed from each farmer or stockman. The lithographed face of each package must be produced at time of exhibition, to show that Carnefac Stock Food has been used.

Carnefac has proven a decided success, bringing into condition and fattening where other foods fail. Send for leaflet, giving the views of veterinarians as to the merits of Carnefac. They all speak highly of it.

Put up in 14, 3 and 64 pound packages, and 25-pound pails.
Sold at 25c., 50c. and \$1 per package, and \$3.50 per pail.

W. G. DOUGLAS,

MANUFACTURER,

PRINCESS ST., WINNIPEG, MAN.

ASK YOUR DEALER FOR CARNEFAC.

BARGAINS IN **STALLIONS!!**



Comprising winners at the International Live Stock Show, Chicago, 1901; also in Scotland. All must be sold to clean out. Intending purchasers should not miss this chance of buying first-class individuals of the very best breeding at reasonable prices.

For all particulars apply to

J. A. S. Macmillan,

P. O. BOX 483,

BRANDON, MANITOBA.

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IF YOU DO NOT LIKE

Imperial Maple Syrup

Return it to the dealer of whom you bought it,
who is authorized to give you your money back.

ROSE & LAFLAMME, Agents, MONTREAL.



How About That New Watch?

Haven't thought much about it, have you? We have, and are prepared to please you in any style or price you may desire. Drop in and let us show you. We can and do please the hard-to-please customer. Among the best watches we sell are Waltham, Elgin, Hampden, and our special—the Hamilton. We do only first-class work in our repair department. We have pleased others, why not you? Orders received by mail have our prompt attention. Remember the place.

W. H. MALLETT, Jeweller and Optician, Rosser Ave., Brandon, Man.

OVER 21 YEARS' EXPERIENCE.

ISSUER OF MARRIAGE LICENSES.

GOS

Beech Ridge stock
County of Perth, 4
miles north of Sha
the main line of the
property of Mr. Ja
porter and breeder
In the herd at th
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which is being fit
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GOSSIP.

Beech Ridge stock farm lies in the County of Perth, one and one quarter miles north of Shakespeare station on the main line of the G.T.R., and is the property of Mr. James A. Crearer, importer and breeder of Shorthorn cattle. In the herd at the present time are thirty head of imported and home-bred cattle, which, under the skillful care and management of Mr. Harry Coltham, are in perfect condition, especially the group which is being fitted for the leading shows this year. At the head of this lot is the prizewinning stock bull, imported Captain Mayfly, bred by J. Donald Fisher, Pittochry, Perthshire, Scotland; sired by Captain of the Guard; dam Mayfly, Vol. 42, by King George. He is a massive red bull weighing 2,300 lbs., and his form and quality can be judged from the fact that as a two-year-old he won first at Toronto, and last year, showing in the aged class, he won third at the same show and second at London. Among the imported cows is Ballechin Daisy (imp.), Vol. 15, by Mutineer; dam Village Daisy, by Village Chief. She is a roan, and won first as a three-year-old at Toronto and London. Out of her is a roan heifer, three years old, by Mountain Hero, that won first at London. She was imported in dam. Another of her offspring is a year-old heifer, Ballechin Daisy 3rd, by the present stock bull. This youngster will be seen in the ring this fall and is something extra nice. Another imported cow is Gem of Ballechin (imp.), Vol. 15, by Mutineer; dam Gem of Verona 3rd, by Gem of Pennan. She is another show cow, and out of her is a two-year-old heifer, Gem of Ballechin 2nd, by Diamond Jubilee (imp.), that won third last year at Toronto and first and sweepstakes at London. Another very sweet eight-months-old heifer is Ballechin Daisy 4th, out of Ballechin Daisy (imp.), by Captain Mayfly. The Canadian-bred animals are all of the Rosabel family, and include a number of breeding cows that are models of the breed, big, level-backed, smooth animals, all reds. One especially nice one is a two-year-old heifer, Rosabel 4th, by the stock bull, and out of Rosabel 2nd 26627. This heifer won first at Toronto last year as a yearling. Another good one is Red Ruby 2nd, Vol. 13, by 10th Crown Jewel; dam Red Ruby 14920, by Laird of Kinellar. One of the best of the Canadian-bred cows is Rosabel 3rd, by Scotsman 2nd. She is a four-year-old and a good one. Among the young ones this year are eight bull calves, all sired by the stock bull, imported Captain Mayfly. One of them is an extra good animal, four months old, out of imported Bellechin Gem 2nd. The others are all out of Rosabel dams, and run from two to seven months old. Mr. Crearer reports sales as extra good,

and the demand for the right kind of stock increasing. There is always something of that sort for sale on this noted farm.

"VETERINARY EXPERIENCE," by Dr. S. A. Tuttle, 66 Beverley St., Boston, is the title of a booklet of 100 pages, describing the symptoms and methods of treating the principal diseases of the horse. The special value of Tuttle's remedies are also explained, and numerous testimonials are given. A free copy may be secured from the above address.

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SHOPPING BY MAIL is easy and convenient. It saves you money every time you deal with us. We sell almost everything you can need to wear, eat or use. Write for our complete catalogue.

The F. O. MABER CO., Ltd.,

WESTERN CANADA'S EXCLUSIVE MAIL ORDER HOUSE,

WINNIPEG, MANITOBA.

SHORTHORNS.

Will sell either of my stock bulls, Robbie O'Day = 22672 = or Veracity = 31449 =. Also a number of young bulls, some good enough for herd headers. YORKSHIRES. — A few young sows to farrow in May. Orders booked for spring pigs. PLYMOUTH ROCKS. — Some fine of clean, bright seed, also clean Flax Seed. choice cockerels. RYE GRASS. — Large quantities. Andrew Graham, Forest Home Farm, Pomeroy, Man. Carman and Roland shipping stations.

GALLOWAYS:

Bulls and heifers for sale. APPLY TO T. M. CAMPBELL, "HOPE FARM," St. Jean Baptiste, Manitoba.

RIVEREDGE FARM. Shorthorn Cattle and Standard-bred Horses. Herd headed by Sittytan Stamp (imported). Females bred from or tracing to Windsor (imported). A. TITUS, NAPIKA, MAN.

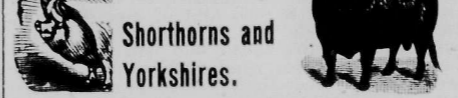
Breeder of Shorthorns. Imp. Baron's Pride 28835 at head of herd. B. P. Rocks and Bronze turkey eggs for sale. J. H. KINNEAR, SOURIS, MAN.



"What a Wise Old Chap!" He has left his hide in good hands. Send for our circular in reference to custom tanning. We send samples of work with circular.

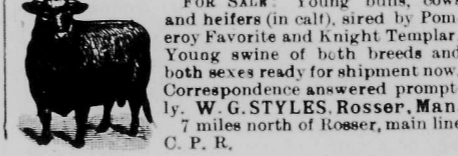
CARRUTHERS & CO., TANNERS, and dealers in hides, wool, sheepskins, furs, tallow, etc. 9th Street, Brandon, Man.

OAK GROVE FARM. Shorthorns and Yorkshires.



MASTERPIECE = 23750 =, red-roan, by Grand Sweep (imp.). Three young bulls by Masterpiece, and heifers by Knuckle Duster (imp.), Village Hero and Masterpiece. Improved Yorkshire sows in pig. Boars fit for service. Orders booked now for young pigs. Pairs not akin. White Plymouth Rock eggs. JAMES BRAY, LONGBURN, MANITOBA.

Shorthorns, Tamworths & Yorkshires



FOR SALE: Young bulls, cows and heifers (in calf), sired by Pomeroy Favorite and Knight Templar. Young swine of both breeds and both sexes ready for shipment now. Correspondence answered promptly. W. G. STYLES, Rosser, Man. 7 miles north of Rosser, main line C. P. R.

SHORTHORNS FOR SALE of Scotch breeding, seven bulls and forty cows and heifers, mostly all in calf or calf at foot. A few Clydesdales of both sexes. Geo. Rankin, Melrose Stock Farm, Hamiota, Man.

CHOICE Shorthorn Bulls FOR SALE.

All nearly 2 years old. Apply for pedigrees and particulars: THE FOREMAN, Castle Farm, Teulon, Man. Or C. C. CASTLE, WINNIPEG, MAN.

SHORTHORNS

Gold Medal herd of 1899-1900. Bulls in service are: Nobleman (imp.) and Topsman's Duke. Some good young bulls for sale.

J. G. BARRON, Carberry, Manitoba.

MAPLE GROVE STOCK FARM. SHORTHORN BULL CALVES FOR SALE.

From three months to eight months old. Sired by Lord Stanley 25th = 29247 =. Also have left a few

P. R. COCKERELS. WALTER JAMES, ROSSER, MANITOBA. 15 mile west of Winnipeg, on main line C. P. R.

D. FRASER & SONS, EMERSON, MAN. Breeders and importers of Durham Cattle, Shropshire and Southdown Sheep, and Pure-bred Poland-China Pigs a specialty. 9-y-m

LAKESIDE SHORTHORNS FOR SALE

3 young bulls, 11 to 14 months old; quality and prices right.

R. MCLENNAN, HOLMFIELD, MAN.

Lakeview Stock Farm. SHORTHORNS FOR SALE.

I am offering for sale bulls and heifers of good quality. Cheap if sold soon.

THOMAS SPEERS, OAK LAKE, MANITOBA.

IMPORTANT COMBINATION SALE OF 65 HEAD OF

High-class Shorthorns

IMPORTED AND CANADIAN-BRED, SCOTCH AND SCOTCH TOPPED

AT AUCTION IN THE NEW SALE PAVILION OF THE HAMILTON STOCK-YARDS COMPANY, HAMILTON, ONTARIO, ON

Wednesday, August 13th, 1902.

THE CATTLE ARE ALL YOUNG OR IN THE PRIME OF LIFE, AND ARE SELECTED FROM THE FOLLOWING WELL-KNOWN HERDS:

- W. G. PETTIT & SON, Freeman, 12 Head. J. M. GARDHOUSE, Highfield, 5 Head. W. D. FLATT, Hamilton, 10 Head. JAMES DOUGLAS, Caledonia, 5 Head. ROBERT MILLER, Stouffville, 10 Head. GEORGE AMOS, Moffat, 6 Head. CAPT. T. E. ROBSON, Ilderton, 6 Head. A. C. PETTIT, Freeman, 4 Head. GEO. ISAAC, Bomanton, 1 imported bull. H. SMITH, Hay, 5 Head.

Included is imported WANDERER'S LAST = 36129 = (80213), chief stock sire for the last two years in the herd of Captain Robson; also the imported bulls, ROYAL HOPE, PRINCE GEORGE (79620) and SCOTTISH HERO (79921), and a number of first-class Canadian-bred bulls. The females of breeding age will have calves or will have been bred to these high-class sires in the several herds represented. Look for notes in Stock Gossip.

Catalogues will be mailed on application to

MR. W. D. FLATT, MANAGER, HAMILTON, ONT.

AUCTIONEER: COL. F. M. WOODS, ASSISTED BY CAPT. T. E. ROBSON AND OTHERS IN THE RING.

Horse Insurance.

You can insure your horse against Curb, Splint, Spavin, Sprained Cord and all forms of Lameness, by using Tuttle's Elixir.

The safe plan is always to have a supply on hand. Used and Indorsed by Adams Express Company. TUTTLE'S AMERICAN CONDITION POWDERS—a specific for impure blood and all diseases arising therefrom.

TUTTLE'S FAMILY ELIXIR cures rheumatism, sprains, bruises, etc. Kills pain instantly. Our 100-page book, "Veterinary Experience," FREE. Dr. S. A. TUTTLE, 44 Beverly St., Boston, Mass.

Beware of so-called Elixirs—none genuine but Tuttle's. Avoid all blisters; they offer only temporary relief, if any. LYMAN, KNOX & SON, Agents, Montreal and Toronto, Canada.

YORKSHIRES!

Bred sows all sold. Orders taken for spring pigs from large and matured sows. Send your orders in early and have first choice. Price: \$10 each, \$18 a pair. Address: KING BROS., Wawanesa, Man.

English Flat Coated Retriever Pups

TWO MONTHS OLD. By Imp. Winnipeg Carlo } Champion Right- (C. K. C. 5589). } away. Tuttle. Imp. Nita (C. K. C. 5594). } Black Drake. Pharsala.

Carlo is a winner of 7 first prizes and 9 specials. A. H. M. CLARK, 55 Sherbrook Street, WINNIPEG, MAN.

Home Bank Farm

OF LARGE ENGLISH BERKSHIRES. Are still to the front. Some grand sows, bred for the spring trade. Have two fine litters ready to ship about March 15th.

Now looking orders. Call or write for prices. Jos. Laidler, Neepawa, Man.

Chambers' Barred Rocks.

They are always among the winners at the leading shows. Also Buff Rocks (Nugget strain), B. Hamburgs, and S. C. B. Leghorns. Eggs, \$2 for 13; \$4 for 30. Thos. H. Chambers, Brandon, Man.

SOMERVILLE

Steam Marble and Granite Works, BRANDON. MONUMENTS, HEADSTONES, MANTELPieces, CEMETERY FENCING TABLETS, ETC.

ROSSER AVE., BRANDON, MANITOBA. Represented by W. Somerville, M. E. Bucknam, F. A. Ferguson, A. McCuaig. WHEN WRITING MENTION THIS PAPER.

IMPORTED LARGE YORKSHIRES.

FOR SALE. An imported young boar, fit to win at the fall shows and good enough to head any herd. Can. Record, No. 9070. Summer Hill Dalmeny Chief 2nd (imported), farrowed March 17th, 1902; bred by the Earl of Roseberry, Dalmeny Park, Edinburgh, Scotland. Price \$40, delivered anywhere in Ontario, Quebec, or the Maritime Provinces. Write to GUS. LANGELIER, Quebec City.

LAST CALL FOR THE HAMILTON SHORT-HORN SALE.

An auction sale of pure-bred cattle in August is a comparatively new feature in the business in Canada, and is therefore somewhat of an experiment. To some it may seem unseasonable, but the fact is that the fall months are so filled with farm work, such as the corn harvest, and with fairs, that it is not easy to fix upon a date that is not liable to be taken for some other important event either in some section of the Dominion or in the neighboring States, from which prospective buyers of good cattle are likely to come; that, taking all things into consideration, there is perhaps no more suitable season in this half of the year for a disposal of this kind. There will be not a few cattle in this selection from first-class herds, but offered at the sale advertised to be held at Hamilton on August 13th, that are good enough to show to win at not only county and district fairs, but at State and Provincial fairs, and this sale will afford an excellent opportunity to pick up a show herd or individual animals of merit to fill up and strengthen weak pieces in existing herds. Breeders who feel the need of introducing new families or fresh blood into their studs in order to bring them up-to-date, will find in this sale just what they want, and farmers who see the need of better cattle on their own farms and in the country generally, will here have an opportunity of securing the best possible condition to go on breeding and multiplying, to the benefit of those who buy them. The grain harvest will be well over in most of the Provinces and States by the 13th of August, and where it is not finished, the improved machinery of the present day enables the work to go on while the master is away for a few days. Stockmen and breeders cannot well afford to miss the opportunity of seeing so many good cattle sold and of meeting men who they require at the time they want. In this way it will be seen that the benefit of a public sale of this character is not confined to the breeders who make the disposal, but is diffused over a much larger field, and brings business to many people by means of the acquaintance made and the coming together of those who may thus help each other in the way of disposing of their stock. Hamilton is a handy place for breeders from both sides of the international line to meet, being only 40 miles from "the bridge" at Niagara Falls, and all roads lead to Hamilton. The three principal Canadian railways, G. T. R., C. P. R. and M. C. R., all run to the Ambitious City, and have connections with the ends of the earth. Hamilton has excellent hotel accommodations, and the stockmen's hotel, with commendable enterprise, have erected good stabling for stock and a comfortably-seated Pavilion for selling in. The manager of the sale, Mr. W. D. Flatt, is well known to be quite competent in such work, having had considerable experience in directing sales of this kind, and he has had several successful ones of his own, and buyers may be assured of courteous, fair and honorable treatment and liberal terms at the hands of the manager and the other gentlemen making the sale, who will do all that can reasonably be expected in the way of assisting in shipping and securing the safe delivery of the stock. It is not expected that fancy or sensational prices will prevail at this sale. It is an offering of good, useful, well-bred cattle, and no one need be deterred from attending under the impression that the stock will go at prices beyond the reach of average breeders and well-to-do farmers. A full and detailed description will be found in the catalogue now ready, and which may be had for the asking, gives all the necessary information. We therefore advise all interested to send for it, and study the breeding and blood lines of the animals, which will be found to embrace a wealth of good blood seldom seen in any sale list in any country. The foundations are good, and the superstructures are made up of crosses of richly-bred sires of high-class individual merit and prizewinning record.

The advance sheets of the catalogue to hand show in Mr. A. C. Pettit's contribution comprises two imported Kinellar Marys of the Miss Ramsden tribe, mother and daughter, seven and two years old, respectively, the former having proved a good breeder, her first calf having sold for \$975. The daughter, sired by Imp. Matabele Chief, of Cruickshank breeding, is a

promising and valuable heifer. A red two-year-old daughter of the Royal Champion bull, Maringo, and a Crombie Diamond 25th, an imported red roan two-year-old, by Lordly Archer, bred by Duthie and got by Scottish Archer, completes a choice quartette which should be eagerly sought after. A calf out of the same cow as the last named was sold for \$600 at seven months old. Mr. Robert Miller's consignment comprises Baron Nonpareil, a choice red ten-months-old bull calf of the favorite Cruickshank Nonpareil tribe, that is described as one of the best ever bred by Mr. Miller, and one that is bound to grow into a great show bull and sire. Sittyton's Glosier 11th, a red roan two-year-old, are heifers from the same herd of the excellent Cruickshank Duchess of Glosier family, and bred as well as the best of them. The latter is a beautiful heifer, and in calf to Bampton Chancellor (7828), bred by Duthie and got by Scottish Archer, completed a choice quartette which should be eagerly sought after. A calf out of the same cow as the last named was sold for \$600 at seven months old.

Mr. J. M. Garthouse contributes one imported three-year-old cow, Lady Emma, a grand breeder and good milker, bred by Mr. Reid, Cromley Bank, Aberdeenshire; sired by Morning's Pride, a Duthie-bred bull of the Upper-mill Flora tribe, with such noted bulls as the Alpine; Hummer Lily, a half-sister of the American champion bull, St. Valentine, and Patsy's Gem, daughter of Imp. Prime Minister; a massive heifer of good standard Canadian family, tracing to Imp. Jenny Lind, a first-prize cow at Provincial fairs, completes this consignment.

Mr. Douglas's contribution consists of four yearling and two-year-old daughters of Imp. Christopher, the stock bull now at the head of his herd, who is proving a very impressive sire, as might be expected of his good breeding and individuality, being a son of Emancipator, the sire of Mr. Flatt's Golden Fame, and of the Fairy branch of the Cruickshank. Lovely Lute, his dam being a daughter of the Bravich Bad bull, Gravesend, a fifth number in the Caledonia contingent is a daughter of Duncan Stanley, a Toronto prizewinner of the Miss Ramsden tribe, and sired by Stanley, who was the sire of the champion Topsy and of the first-prize young herd at the World's Fair at Chicago. These are said to be a very useful lot, straight, smooth and thick-fleshed.

Mr. Harry Smith's offering comprises a breezy three-year-old, Bowhill English Lady, descended from the imported cow of that name bred by Mr. W. S. Marr, and sired by the great Heir of Englishman, his top crosses being of sound material. She is nursing a big calf by Imp. Governor-General, and is well along in calf to the same sire. A three-year-old and a yearling, Bruce Rosebud, close to the imported cow, Roselind, by the Cruickshank bull, Stockwell, a nicely-bred, thick Kinellar Claret; a pair of well-bred Scotch Syme heifers; and the roan yearling Marr Beauty bull, Cheekmate, by Imp. Knuckle Duster, make up a very valuable lot. Maud Languish is a very fine red two-year-old of choice quality, well along in calf.

Captain Robson's consignment includes the choicely-bred and typical cow of the breed (illustrated in this issue), a model of the low-set, thick-fleshed sort, and of the famous Marr Missie family. A four-year-old Upper-mill Goldie cow will be bracketed with a handsome Mysie heifer calf, and a pair of well-bred Syme heifers will be found desirable numbers. We give in this issue also a lifelike photo-engraving of Roan Queen.

Mr. W. D. Flatt's quota comprises the imported Duthie-bred four-year-old, Mistletoe 21st, of the Marr Missie tribe, and another of the same family, also in her four-year-old form; a three-year-old Nonpareil (portrayed elsewhere in this issue of the "Advocate"); a yearling Rose of Strathallan; a Kinellar Rosebud; a Duthie Marchioness; a Crimson Flower; an imported Matilda, and a yearling daughter of the \$5,000 bull, Lord Banff, from an imported dam, sired by a son of Scottish Archer.

Messrs. W. G. Pettit & Sons' contribution was described in the Gossip notes in the "Advocate" of July 21st.

Dissolves Easily.

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

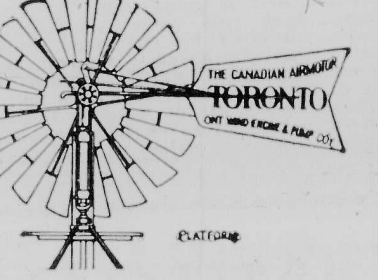
Windsor Salt.

British Columbia Farms.

If you are thinking of going to the Pacific Coast, try British Columbia. No extremes of temperature. No cyclones. No dust storms. No blizzards. No cloudbursts. No heaviest crops per acre in Canada; we make this statement without fear of contradiction. The land is cheap, and the markets and prices for farm produce the best on the Pacific Coast. Write for farm pamphlet to THE SETTLERS' ASSOCIATION OF B. C., BOX 540, VANCOUVER, B. C.

When writing please refer to this paper.

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IS BUILT TO WEAR AND TEAR—VIZ.: WEAR LONGER THAN OTHERS; TEAR AWAY ALL THE TIME.

A little oil frequently and the wind will do the rest. ONT. WIND ENGINE & PUMP CO., LIMITED, TORONTO, ONT. Manitoba Agents: BALFOUR IMPLEMENT COMPANY, Winnipeg, Man.

A Fireproof Roof

AND SECURE AGAINST LIGHTNING. What every one wants, and what you can have—at moderate cost—by using

Eastlake Steel Shingles, Galvanized or Painted,

The most widely-used shingles in the Dominion for all farm buildings. Quickly and easily applied by any handy man. Can't leak, and most durably economical. Up-to-date farmers praise them enthusiastically.

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CREAM GATHERING THE FAVORITE SYSTEM. This system, i.e. the carrying of the cream to the factory instead of the whole milk, of which we were the pioneers and are still the leaders, and which has been practiced a number of years in Western Ontario with much success and constantly increasing favor, is being fast taken up by patrons of creameries all over the Dominion. Prominent creamerymen who have strongly opposed it in the past are now its warmest advocates, and it is only a question of time before it will be the prevailing system if it is not already. Those who continue to oppose it are certainly working against their own interests, if they would but see it, but it seems on the part of some to be a case of "None are so blind as those who won't see." For surely, if they would profit by the experience of others, they could not help seeing the many advantages, of the Cream Gathering system. One reason for the growing popularity of this system is due to the IMPROVED U. S. SEPARATOR which takes more cream out of the milk than any other—it HOLDS THE WORLD'S RECORD for clean skimming, and leaves the cream in more perfect condition—free from froth and churning. For many other reasons and much useful information on the subject, write for our Booklet "Dairy Authorities," which contains, in addition, the opinions of many prominent Creamerymen on this system. There is no duty on U. S. Separator shipped into Canada. VERMONT FARM MACHINE CO., Bellows Falls, Vt.

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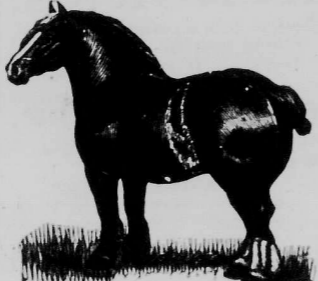
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Am offering 19 choice shearing rams, sired by Chancellor (imp.). Ram and ewe lambs for the fall trade, sired by Ruddington Knight. Also one imported shearing ram, good size and quality. Come and see them.
Station One-half Mile from Farm, Wabash and G. T. R.

SHEEP BREEDERS' ASSOCIATIONS
American Shropshire Registry Association, the largest live stock organization in the world. Hon. John Dryden, President, Toronto, Canada. Address correspondence to MORTIMER LEVERING, Secretary, Lafayette, Indiana.

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A. W. Smith, Pres., Maple Lodge, Ont.
Pedigrees now being received for Vol. 1. For information, blanks, etc., address:
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PRIZEWINNING COTSWOLDS.
Imported and home-bred stock, prizewinners at all the leading fairs. **ELGIN F. PARK,** on Box 21, Burgessville, Ontario, Canada.

CHAS. GROAT,
BROOKLIN, ONT.,
OFFERS FOR SALE
Cotswold Ewes and Ewe Lambs of good quality and breeding. Also a 3-year-old Clydesdale filly from imported stock, registered No. 30251. A Shorthorn heifer calf 8 months old from imported stock; Meadow Flower strain. Write for prices.

Dorsets and Chesters Young stock in Dorset Sheep and Chesters White Hogs of good quality for sale, reasonable.
R. H. HARDING, THORNDALE, ONT., on "MADEVIEW FARM."

FAIRFIELD LINCOLNS
Imported ewes and lambs. Can supply show flocks.

J. H. PATRICK, ILBERTON, ONT., CAN.
70 Oxford Sheep Bred from noted prize winning strains.
A. ELLIOT, Pond Mills, Ont., London Exp.

BROAD LEA OXFORDS.
We are offering for sale 30 shearing ewes of first class quality, and 6 extra good ones in show condition; also 25 good shearing rams and 1 three-shear imported ram, and all of this season's lambs, which are a good lot. Write us for prices or come and see our flock.
W. H. ARKELL, TEESWATER, ONT., Successor to Henry Arkell & Son, MILDWAY, G. T. R. TEESWATER, C. P. R.

SUMMERHILL OXFORDS.
Present offering: A choice lot of ram lambs and ewe lambs. Also 50 extra nice yearling ewes.
PETER ARKELL & SONS, on Teeswater P. O. and Station.

LINDEN OXFORDS
A choice lot of ram lambs (yearlings) and a few two and three shear rams fit for show and to head pure bred flocks, imp. and home-bred, well covered, good quality. on **R. J. HINE, Dutton, Ont.,**

SPRAMOTOR PAINT
The pure mineral paint in dry powder form is especially adapted for use in the addition of cold water to its use. It is fire proof, weather proof, produces a hard enamel finish, will not rub, scold, crack, nor turn yellow with age. Covers better than oil paint and at 1/2 the cost. Can be used to great advantage on stone, brick, wood, iron, plaster, and over old paint or any good foundation.
The SPRAMOTOR painting machine will paint a good sized barn in 15 min. Fully guaranteed. Write for booklets.
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for the New Pictorial Stock Doctor and Live Stock Encyclopedia, revised to 1901 with the assistance of the Professors of the Ontario Agricultural College, Guelph. The finest illustrated, encyclopaedia and best book of its kind ever published. Large catalogues to agents. A full page advertisement of this book appeared in the New York Times and in one of the Farmers' and Stock Raisers' World's Prizewinning Publications.

WILLOW LODGE BERKSHIRES FOR SALE
I have a number of fine Berkshires for sale, also a few extra good ones. Write for prices.
Station One-half Mile from Farm, Wabash and G. T. R.

GOSSIP.

It is generally recognized that there is no class of hogs leading their own with the ordinary farmer better than Berkshires. Their easy-feeding qualities, strong robust constitutions, prolific breeding habits, with improved bacon type and form, all go to make them an ideal and profitable hog to keep. One of the best herds of this favorite class is Willow Lodge herd, owned by Mr. Wm. Wilson, Snelgrove, Ont. This noted Berkshire farm lies in the County of Peel, about four and a half miles from Brampton, and at present the herd numbers fifty head. The main stock hog is the 900-pound hog, Longfellow 10th 8623, bred by G. L. Hood, Lowell, Mass. He is sired by Longfellow 10th 8623, dam Highclere of Hood Farm 8631, by imported Wantage King of H. F. This hog was well named as his length and depth are remarkable, while as a sire he has no superiors. Among the fourteen brood sows on the farm none show a better form or more quality than the Hood-bred sow, Stratton Lizzie 17th 8630, by Highclere King of H. F. 8625; dam Stratton Lizzie 10th 8626, by Duke 2nd. Another extra nice sow is Willow Lodge Isabel 9127, by Colonel Otter 2500; dam Belle of Milton 5920, by imported Star One. This sow won first prize under nine months at Guelph last winter, in one of the strongest competitions ever seen in Canada. Another of the good ones is Willow L. Belle 9125, by Dictator 5844; dam Lady Lillock 7266, by imported Enterprise. She won third as sow under 15 months at the same show. Willow L. Lizzie 9129, by Longfellow 10th, out of Stratton Lizzie 17th, is another that deserves mention. In fact, this lot of brood sows all through were selected as such for their perfect bacon conformation coupled with their smoothness and quality. They are now all safely in the exception of two which are daughters of his. These are bred to Milton Lad 2660, by Colonel Otter, dam Belle of Milton. During the last year Mr. Wilson has shipped a tremendous lot of hogs, a large number of them going to Manitoba and the Territories, including seven head to Hon. J. H. Greenway, one of which is to be used as stock hog on Mr. Greenway's farm. Mr. Greenway's foreman pronounced him the best type of a Berkshire he had ever seen. Of all the hogs Mr. Wilson has shipped not one complaint has ever been made, which speaks loudly of his mode of dealing. He has now for sale a number of good ones of both sexes, varying in age.

Brooks & Langmaid, the well-known importers and breeders of Cotswold sheep, Yorkshire and Tamworth hogs, of Solina, Ont., are just now showing an extra nice flock of one hundred head of imported and home-bred Cotswolds, at the head of which is their big, heavy-boned and well-covered imported Cotswold ram, imported from Swanwick and out of imported ewes, that for size, quality and build are hard to equal. There are also ten yearling ewes by the same sire that are winners. All these, together with the season's crop of lambs, will be offered for sale in the fall. This firm is making another importation this year through Mr. R. Harding, which they expect to reach Toronto very soon in time to make a strong showing at the fall fairs. Their York hogs are of thorough breeding, being up to the usual standard in conformation and quality. They have for sale young stock of both sexes, also young Tamworth stock, as usual.

The greatly increasing demand for breeding animals which Holstein breeders are now enjoying would seem to indicate that this breed is becoming more popular where dairying is the main source of income to the farmer. One of the best and most important herds of Holstein cattle in the County of Northumberland is owned by Mr. T. B. Carlaw & Son, whose P. O. is Warkworth, and whose farm lies about six miles from Campbellford station on the G. T. R. This herd was originally founded on the imported cow, Loyola 5088, and became famous through the importation of this year through Mr. R. Harding, which they expect to reach Toronto very soon in time to make a strong showing at the fall fairs. Their York hogs are of thorough breeding, being up to the usual standard in conformation and quality. They have for sale young stock of both sexes, also young Tamworth stock, as usual.

Imported Poland-China Hogs. We are offering 300-thing extra good quality, from both sexes, any age (not skin), from the best stock and of the best quality. Easy feeders, good breeders.
ROBT L. SMYTH & SONS, Fargo P. O. and Station, M. C. R.

Horn Fly Oil
Keeps flies off animals,
Kills vermin,
A splendid disinfectant.
Sold in Cans (with directions)—
QUART, each, 25c.; doz., \$2.70. GALLON, each, 60c.; 1/2 doz., \$3.50
BY EXPRESS OR FREIGHT AT PURCHASERS' EXPENSE.
Ask your dealer, **WM. RENNIE, ADELAIDE and TORONTO,** or send direct to
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\$75.00 CASH "EGG PREMIUMS" FOR YOU
We agree to pay \$50.00 cash to man, woman or child reporting the largest number of eggs from 12 hens for any 100 Days in 1902. Also \$25.00 for next largest. Hens to be fed "International Poultry Food," and sworn statement to be mailed us before Dec. 31st, 1902. Will pay promptly and mail report to every one. If two or more report the winning number the money will be paid to the one whose letter also gives the best facts in regard to raising poultry for profit. Capital, \$1,000,000.
INTERNATIONAL STOCK FOOD CO., MINNEAPOLIS, MINN.

SUMMERHILL HERD OF Large English Yorkshires.
HEADQUARTERS FOR THE IDEAL BACON HOG.
ROYAL DUCHESS **LOOK ME OVER**
Our winnings at the large shows, for 1901, are as follows: At Toronto every possible first prize and five seconds, two silver medals, and first for pen of pure bred bacon hogs, also sweepstakes on bacon hogs over all breeds; at London every possible first but two; while at the Pan-American, where our herd was divided, half going to Toronto, we won six out of ten possible firsts, also sweepstakes on boar age. At the Pan-American (Buffalo), Toronto and London there were thirty-six first premiums and medals given; all the medals and every first prize but six won by the Summer Hill Yorkshires. When in need of the best write **D. C. FLATT & SON, MILLGROVE, ONT.** Telephone: Millgrove, Ont.

Hillcrest Herd of Large English Berkshires
Consists of imported and show sows; the sires are big, long fellows, of the bacon type. For Sale: a few grand young sows from 3 to 6 months old.
J. N. LAHMER, Vine, Ont., Vine Station, G. T. R.

Imported Chester Swine. Our present offering is both sexes, not skin, as good as the country produces. Average from H. F. Rocks, B. R. and C. L. crosses, 8 to 10 weeks to Scabright Bams, Month-old porkers, all prize winners—\$1.00 per lb. extra 1 lb. 1/2, game cockerels or pairs for sale.
GEO. BENNETT, CHARGING CROSS P. O. AND STATION.

Improved Large Yorkshires. A fine lot of yearling pigs on hand, sired by imported hams, pairs supplied for skin. Bams and sows old enough to breed. Also Scotch Short-horn, both sexes, for sale. Shires made by **R. J. DAVIN,** Importer and Breeder, 200 Adelaide St. W., Toronto, Ont.

Yorkshires and Tamworths
Best type, from medal-winning stock, bred and raised on farm.
JOHN HORD & SON, Parkhill P. O. and Station.

YORKSHIRES FOR SALE. Boars fit for service, sows in farrow and ready to breed, and young stock on hand. Prices reasonable.
WM. HOWE, BRUCE CO. NORTH BRUCE, ONT.
Yorkshires—For the next 3 months I can supply either sex, that for ideal bacon type, smooth, even finish, are unsurpassed. Prices reasonable.
WM. TEASDALE, on The Mill Sta., and electric cars, Dollar P. O.

Coldspring Herd Tamworths
Offer choice Oct. and Nov. boars and sows. Also my stock boar, Advance. This is the spot for the best. Write for prices. They are medium quality considered.
NORMAN M. BLAIN, ST. GEORGE, ONT., BRANT CO.
NEWCASTLE HERD OF TAMWORTHS
We are now offering several choice boars and sows four months old. Also few choice sows, bred and ready to breed, at moderate prices. All from Toronto prizewinners.
COLWILL BROS., NEWCASTLE, ONT.

TAMWORTHS
For sale, from medal-winning sow, O. and other good ones, sired by Imp. Star-bred on farm, and Bold Boy, Toronto.
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The popularity of green is strongly in evidence. Green is the color of the season, and may be seen everywhere. Green shutters are still in vogue, and the favorite brands of the **Canada Paint Company** are preferred. The brands are:

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The Canada Paint Company manufacture their own dry colors and guarantee satisfaction. Painters and house-owners should examine the package carefully and insist upon the imprint of

The **CANADA PAINT CO'Y, Ltd.**

THE Strathy Wire Fence Co. LIMITED.

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SHOWING HINGE MOVEMENT OF STAYS UNDER PRESSURE STAYS CANNOT BEND & WILL SPRING BACK TO PLACE WHEN PRESSURE IS REMOVED.

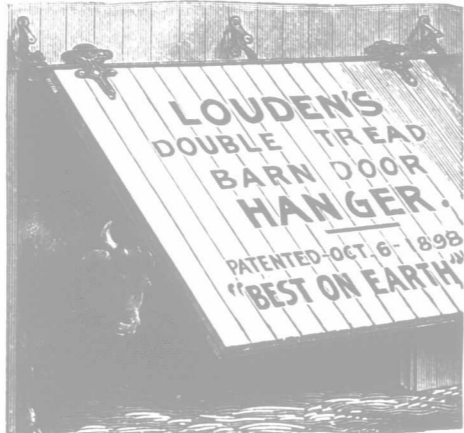
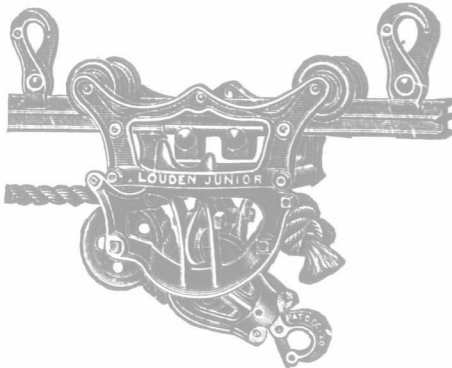


manufacture the best metal gate on the market. Low prices and fullest guarantee of satisfaction. If they do not suit you, we pay all expenses. Write for particulars.

LOUDEN'S GOODS ARE GOOD GOODS.

A prominent dealer writes: "I have never sold any other goods that have given such satisfaction as your Hay Carriers, and I have made more money out of them this year than I have out of binders."

Another says: "I have handled all makes, but Louden's are the BEST."



We make twelve different styles of Hay Carriers, all up-to-date. Our Double-Tread Barn-Door Hangers are "the best on earth." Dealers who want "A Good Thing"—something that will sell and give satisfaction—should write at once for the agency. Catalogue and prices free on application.

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AMERICAN-ABELL ENGINE and THRESHER CO. LIMITED.

Threshing Machinery

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Highest Grade.

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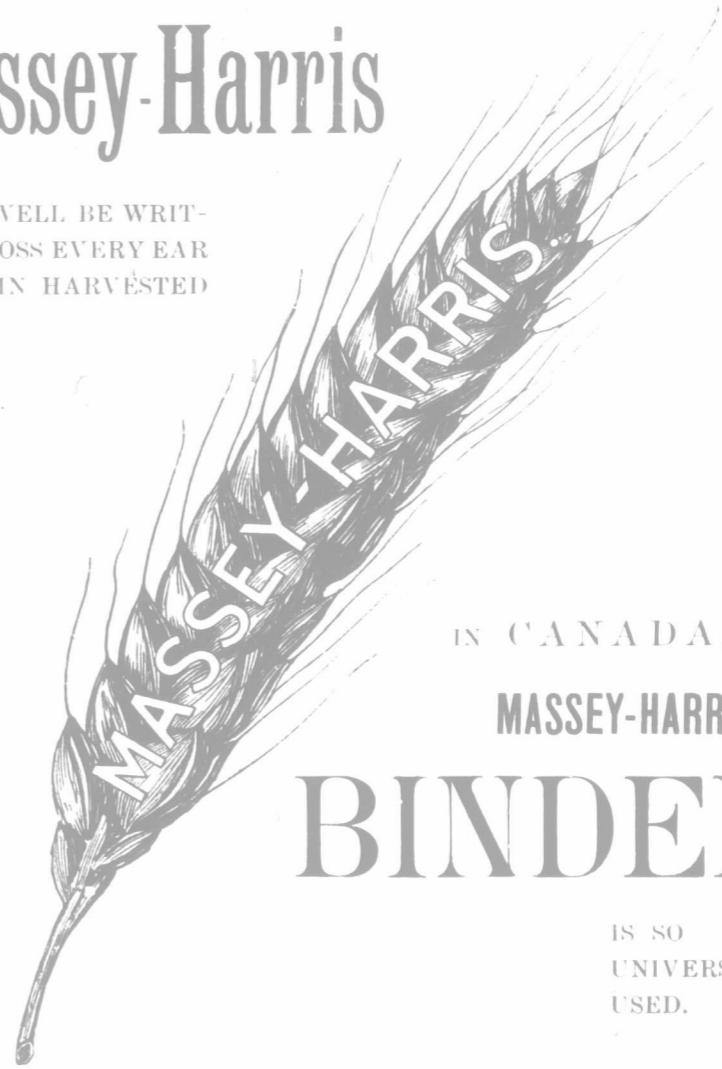
THRESHING MACHINERY.—The American-Abell threshing machine has had a large sale in the Northwest in the last season. By owning his own machine, the farmer saves the big threshing bills. The machine can be operated at the rate of a large gang necessary for a large outfit. It is easily transported on any roads, making it pos-

sible for those in hilly sections to grow grain in a small way. We refer our readers to the advertisement of the Belle City Mfg. Co., Racine, Wis., found on another page. This firm has branch offices through the Northwest. Write to them for printed matter and interested in the cost of a machine send for the address of their nearest Northwest branch.

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MIGHT WELL BE WRITTEN ACROSS EVERY EAR OF GRAIN HARVESTED



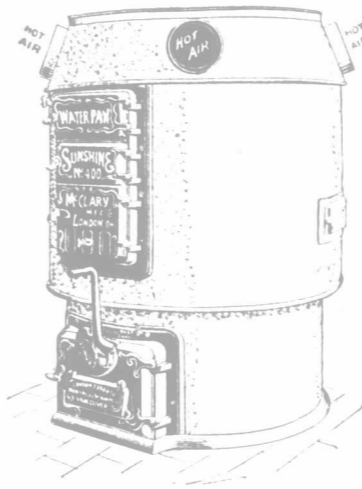
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"SUNSHINE" FURNACE.

Burns coal, coke or wood.

Wood can be used in spring and fall, and coal in severe winter weather.

Large feed-doors will admit rough chunks of wood.

Will extract more heat from the same amount of fuel than any other heater, and no other good furnace is so'd so cheap.

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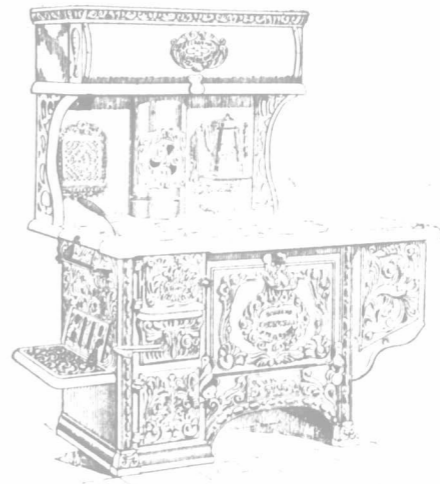
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Burns coal, coke or wood.

Large fire-doors will admit rough chunks.

Oven is extra large.

Has every latest improvement, and sells at from \$13 to \$25 less than any imported steel range.



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More than twenty
Elgin Watches
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Fleming's 3 are free if they fail.
Lump Jaw Cured With Ease.

FLEMING'S LUMP JAW CURE has been on the market for years. It has been used by nearly every prominent stockman on the continent. A careful record shows that it does not fail once in a hundred times in the severest cases.

We Have a Thousand Such Reports:
Kinsley, Neb., May 24, 1901.—We sent to you some time ago for your Lump Jaw Cure. One application made a complete cure. The lump had been over a year.
G. W. SMITH.

Don't risk loss or endanger your herds or pasture. Let us send you our valuable book.



FISTULA and POLL EVIL CURED In 15 to 30 Days

Continuous tests for two years prove that Fleming's Fistula and Poll Evil Cure cannot fail. Easy to use, prompt in results; cures in half the ordinary time. Simple, humane, scientific; guaranteed.
Write for circular today.

SPAVINS Cured Quickly Or There's NO COST

One 45-minute application of Fleming's Spavin Cure will remove any ordinary spavin, curb, ringbone, etc.

Cerro Gordo, Ill., Feb. 15, 1901.—I applied the liquid as directed, and one application has removed the spavin. It is wonderful how it takes hold so soon.
L. Mellinger.

We have some important information for you—FREE.
It is worth while to write us today for circulars describing the above remedies. Mention this paper.

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Free Treatment

DR. HOPE'S TINY ABLETT TREATMENT

You can't get well without it.

For LIVER KIDNEY and NERVE Troubles.

The three most prevailing causes of disease in the present century. The Dr. Hope Medicine Co., Limited are so positive of the efficacy of their Treatment that they send Free Samples of their large treatise entitled "How to Live Long" on receipt of name and address. Write at once to

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PLEASE MENTION THE FARMER'S ADVOCATE.

GOSSIP.

A flying visit and a short look over the banner herd of Scotch-bred Shorthorns, the property of Mr. W. G. Pettit & Sons, of Freeman, Ont., was lately enjoyed by a representative of the "Farmer's Advocate." As usual this immense herd of 100 head of imported and Canadian-bred animals were found in the pink of condition, many of them being in show-ring form. The herd is made up of thirty-one imported females, six imported males, and one female and five males imported in dam. Of this number six females and six males are bred from sire and dam both imported; the rest being Canadian-bred, but nearly all got by an imported sire. They represent many of the oldest and most fashionable Scotch families, including such noted ones as Marr roan Ladys, Orange Blossoms, Ciarlets, Jills, Forams, etc. It is safe to say that there are very few men in Canada that have imported a better class of cattle, or more of them, than W. G. Pettit, and if all goes well he intends going over the big shipyard for another lot this fall. We were shown the ten head sired by Pettit intended to sell at the Hamilton sale on August 13th, and feel bound to say that if these cattle are representative of the lot that will be offered at that sale, it will give buyers an unprecedented opportunity to purchase high-class animals, both imported and Canadian-bred, at their own prices. Mr. Pettit's chief stock bull is imported Scotland's Pride 79907, got by the great sire of prizewinners, Star of Morning, he by Rising Star, Scotland's Prices dam is Corona, by the Cruickshank Clipper bull, etc., etc. Master of the Italm. He is a roan of more than ordinary style and quality. The second in service is the Roan Lady bred bull, imported Scottish Pride, by Scottish Prince, by Captain Ripley, dam Cunderelia 2nd, by Allan Gwynne, by Star of Morning. This bull has shown his superiority as a sire, hence Mr. Pettit's decision to keep him for use on his own herd. Among the many other bulls, either imported in dam or Canadian-bred, to be seen in the commodious box stalls are some extra good ones, snort-legged, deep, fleshy bodies, symmetrically built. These Mr. Pettit is offering for sale at living prices, and there are a number of them that, from their rich, fashionable breeding and perfect individuality, are fit to head any man's herd and should, therefore, not remain long at the prices asked. In females, the great bulk of the herd are choice animals, showing that short-legged, heavy, smooth-bodied form that has made the Scotch Shorthorn so famous in the world over. The great majority of them are young, vigorous animals, many of them heifers carrying or sucking their first calf, and nearly all are for sale. The Messrs. Pettit are also quite extensively engaged in the breeding of Shropshire sheep, their large flock being all bred directly from imported stock. They use nothing but the best imported rams procurable as sires. The result is an exceedingly nice flock of heavy, smooth, well-covered sheep. This season's crop of lambs are looking extra well, and growing rapidly. They are covered from the ground up. Later they will be for sale.

Among the men who to-day bid fair to become formidable rivals of the more illustrious Canadian Shorthorn breeders a place of honor must be accorded Mr. Israel Groff, owner of Maple Leaf Stock Farm, in the County of Wellington, Ont., three miles from Alana station, on the G. T. R., and five miles from Elora, on the C. P. R. Mr. Groff, in addition to his splendid herd of Shorthorns, pays considerable attention to the breeding of Berkshire hogs. The Shorthorns are headed by that perfectly-built and richly-bred bull, Royal Hero 34679, by imported Royal Sailor 18959, dam Mildred 4th 22241, by imported Hopodar. Royal Hero is a rich roan. He is one of the short-legged, thick-fleshed sort, and is a sire of more than ordinary worth, proof of which is easily established by a look over the young stuff, especially a nine-months-old roan bull calf. It is a prizewinner in form and quality without doubt, and a living image of its sire. Mr. Groff's cows are unsurpassed for size and quality. They belong to the well-known Scotch Athelstane family, although there are a few Mayflowers, Standards, Marr Beautys, and Lady Fannies. An extra good cow is Duchess of Athelstane A, by Sittyston Chief, another is Duchess of Athelstane, while a daughter of hers is Duchess of Athelstane 2nd, a half-sister to Gem of Athelstane, the sweepstake heifer, bred on this farm, but owned by Mr. Greenway. Mayflower is a two-year-old roan heifer that could win in most any show-ring. May Blossom is another splendid two-year-old, following to the Marr Beautys. Lady Fanny is a standard one; while the other two named are extra good. All these animals are prize-winners. A roan heifer, called out and shown at the Hamilton sale, many a day ago, and which with can only be compared with the best of both sexes, was shown for sale at the Hamilton sale. The breeding of these animals is a long and hard job, and it is a pity that few men in Canada are doing it. It is a pity that few men in Canada are doing it.


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Half a million of these steel wheels have been put out on our own wagons and other wagons. It is the wheel that determines the life of any wagon, and this is the best steel lived wheel made. Do you want a low down Handy Wagon to use about the place? We will fit out your old wagon with Electric Wheels of any size and any shape tire, straight or staggered spokes. No cracked hubs, no loose spokes, no rotten felloes, no resetting. Write for the big new catalogue. It is free.

Electric Wheel Co., Box 253, Quincy, Ills.

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that makes your horses glad.

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In each town, to help us sell overstock of high grade bicycles at half factory cost.

New 1902 Models.

"Bellise," complete \$8.75
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no finer bicycle at any price.

Any other make or model you want at one-third retail price.

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500 good 2nd-hand wheels \$3 to \$8.

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A small thresher of Great Capacity. Will thresh all kinds of grain. Requires few men to operate. Full line of Sweep and Tread Powers.



Send for Free Catalogue.

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Profitable Investment. Agents wanted.