

cultivation of the soil, best varieties of grains, grasses, clovers, corns, roots, etc., horticulture, veterinary, and the various agricultural sciences will be a great help to any one on, or interested in, a farm.

Q. What experience is required?

A. No experience is absolutely necessary, but, if you intend taking the factory course, it would be better to spend, at least, one season in a creamery or cheese factory before taking the course. For the home dairy course a factory experience will be of no special advantage.

Q. What work will be required during the term?

A. Each student is expected to do his or her share of all the work in the dairy, including the washing of all utensils, scrubbing floors, and keeping the dairy in a tidy manner. It is the duty of the instructors to see that all work is done in the best manner possible.

Q. Are students paid for their work?

A. No. As practically no fees are charged, the work done by students is a very small return for the expense of conducting the school. Regular college students who work upon the farm are credited on board for work done, but dairy students board outside the college in private houses or hotels and are not paid for any work which they may do as it is a part of their instruction.

Q. What are the chances for obtaining a situation after taking the course?

A. All our experienced students obtain places each year and most of those who have had no experience obtain positions as helpers in factories and creameries. We always have a demand for more men competent to manage factories than we are able to supply. If young men and women will qualify themselves there is ample room in the great growing dairy industry of Canada.

Q. Where may circulars giving full information, and forms of application be obtained?

A. From Prof. H. H. Dean, Dairy Department, O.A.C., Guelph, Ont.

THE WINNIPEG INDUSTRIAL FAIR.

As we pointed out in last week's issue, the Winnipeg Industrial Fair this year was a decided success. This annual summer fair has become an important feature in the affairs of the people of Manitoba. Not only is it looked forward to with interest by the citizens of the Prairie Province, but by many in other parts of Canada. The number of visitors outside of Manitoba who annually visit the Winnipeg Fair is becoming larger every year. Many people in the other provinces take advantage of this opportunity of visiting the metropolis of Western Canada, in order to get, as it were, a bird's-eye view of the people and products of the province, gathered in one representative exposition. In addition to this, a large number of visitors annually visit the fair from the Western States, so that the Winnipeg Industrial has become a very important avenue for imparting information to outsiders regarding the possibilities and wonderful resources of Western Canada.

While there is always a large exhibit of machinery, fine arts, etc., it is the purely agricultural feature of the show which arouses most interest among visitors from a distance, and in this sense they are never disappointed. Of the agricultural features of the show the live stock exhibits arouse more interest in the older provinces, for the reason that nearly every breeder of purebred live stock, whether of cattle, sheep or swine, has a representative of his herd in Manitoba. For several years back large numbers of purebred stock have gone from Ontario and a portion of Quebec to become the heads of herds in the west, and

these animals or their offsprings comprise the chief live stock exhibits at the western fairs. Therefore, in giving a report of the show, we will confine ourselves more particularly to the live-stock department.

HORSES.

In Clyde stallions there was rather a short list. John Ewan, of Morden, showed his twice champion *Elkine Lad*. L. Elder exhibited his *Prince of Wales*, winner of the sweepstakes at Brandon in 1896. W. H. Galbraith, Hartney, showed his imp. *Black Hero*, and A. K. McFaggart, Hartney, his imp. *St. Kilda*. A very good 3-year-old was *Burnbrae*, of the St. Cloud stud, and shown by McMillan, of Brandon. J. McLeod, Ninga, also showed a fine 3-year-old in *Pat McGregor*. Mr. James McKenzie, M.P.P., exhibited two fine mares.

The Shire classes were not so well filled. *Blacksmith*, owned by the Rothwell syndicate, was at the top in this class, and Munroe's *Ringmaster* was also to the front.

The class of general agricultural horses shown was not good. Thoroughbreds were divided into two classes—that of the heavier stallions more suitable for farm mares, and the lighter horses for racing purposes. Three years ago scarcely a thoroughbred could be found in the province; but the Boyd ranch, and one or two other breeding studs, have caused rapid strides to be made with this breed. There were over twenty well-bred young mares exhibited this year. The chief exhibitors in this class were the Boyd ranch, R. M. Power with his imp. stallion, *Hard Lines*, Mr. Goggin with his *King Colman*, Mr. Fowler, Dr. Shaw and others.

CATTLE.

Shorthorns are rapidly coming to the front in the west, and the number and quality on exhibition this year was in excess of any previous year. One of the most attractive herds was that of the Hon. Thos. Greenway, consisting of twenty-three head. Among these were the well-known bulls, *Cathness* and *Hilary*, the two-year-old bull, *Judge*, the aged cows, *Missie* and *Village Flower*, and the handsome three-year-olds, *Roan*, *Mary*, and *Mina Lass*. Mr. Greenway's herd is one of the best in the province, and is made up from the best strains in the east. Another prominent exhibitor was Walter Lynch, of Westbourne, with a herd of nine animals, including the aged bull, *Village Hero*, and the two-year-old, "What for No." Mr. W. S. Lister, of Middlechurch, exhibited the year-old bull, *Indian Nobleman*, bred by Arthur Johnston, Greenwood, and a number of young heifers of the *Rosabell* strain. Andrew Graham, of Pomeroy, exhibited, among others, the bulls, *Robin O'Day* and *Sam Johnson*, sired by *Manitoba Chief*. Other exhibitors in this class were Geo. Allison, W. Chalmers, D. Fraser & Sons, and J. S. Robinson.

POOLED ANGUS.

There were about twice as many animals in this class as last year. Besides the old exhibitors there were many new ones. One of the large exhibitors was A. B. Fleming, of Brandon, with a herd of seventeen, headed by *Royal Souter*. Other exhibitors were John Traquair, of Welwyn, Geo. S. Stock, of Austin, and A. Cummings, Lone Tree, who exhibited nine fine animals from his herd.

GALLOWAYS.

Though this class was very small it was nearly double the size of last year. Only two breeders exhibited in the persons of J. A. Simpson, of Poplar Point, and A. V. Dasseelaar, of Winnipeg.

HEREFORDS.

One of the greatest increases throughout the whole fair was that of the exhibits of this breed, a strong evidence of the growing popularity of this breed in the West. They seem to be well adapted for fattening on the ranges. As formerly, Mr. Wm. Sharman, of Souris, was the largest exhibitor, with a herd of fourteen. J. E. Marples, of Deleau, exhibited ten head; J. A. Chapman, of Beresford, seven; and John Baird, of Winnipeg, five, chiefly from *Baron Strathcona's* herd. Other exhibitors were: John Carm, *Pilot Mound*, and James Robertson, *Glendale*. The sight of this large exhibit of Herefords was one of the attractions at the fair, and the fact that there was such a large increase over last year aroused continual comment.

HOLSTEINS.

The numbers in this class were about the same as last year, though the exhibits were divided among more exhibitors, which is a sign that this breed is growing in popularity in the West. The largest exhibitors in this class

were James Glennie, of Orange Ridge, and T. Hutchinson, of Hayfield. Both showed thirteen animals each, the former of the famous *Teake* strains. A. B. Potter, of Montgomery, exhibited six animals, and James Oughton, of Crystal City, six. There were other exhibitors, and a keen rivalry existed.

PERSEANS.

This class showed a large increase over other years, which is the more remarkable as there were no exhibitors outside of the province. Last year several Ontario herds were shown. This shows how rapidly Manitoba is taking hold of this breed. The Munroe Creamery Co., Winnipeg, showed a herd of nine. The *Linda* strains were brought out in this herd. Henry Byers, of McGregor, showed seven: Wm. Murray, of Dugald, seven, headed by the bull, *Belvedere*, bred by Mrs. Jones, of Brockville, Ont.; other exhibitors were W. V. Edwards, Souris; John Walsham, Portage; John Webster, Portage, and W. J. Buxton, Moosomin.

AYRSHIRES.

This class was well represented. Shaw Bros., of Gleanboro, always large exhibitors, showed a herd of sixteen, which were in fine condition. Premier Greenway exhibited nine animals in this class, including a number of the *Rockton* strain. Some of the younger animals are by the noted bull, *Jack Morton*. Andrew Mutter, Brandon, showed four head, including the two-year-old bull, *Sir Paerk*, and the three-year-old cow, *Isabel*, both bred by John Douglas, of Warkworth. W. D. Lawrence, of Greta, was also an exhibitor.

PIGS AND SHEEP.

The swine classes were very largely filled, and the judges had to decide some very fine points in making the awards. Good importations have been coming into Manitoba of late from the best Ontario herds. Many of these imported animals, which were prize winners at the larger Eastern shows, were on hand, as well as their offsprings.

The sheep exhibit was not large and the judges in this class had a comparatively easy task. The sheep pens were not more than half-filled.

NOTES.

Mr. G. W. Clemons, St. George, Ont., secretary of the Canadian Holstein Friesian Association, was sole judge on dairy cattle, and it is needless to say that he did his duty well and gave good satisfaction to exhibitors.

In the beef breeds the judge was Mr. Thos. Russell, of Exeter, Ont. He did his work very satisfactorily, which is to say a great deal, considering the extent and character of the exhibits which competed for the awards.

CANADA CENTRAL FAIR.

In every way the directors of the Ottawa Fair are endeavoring to meet the wishes of farmers and stockbreeders. The premiums of the Fair this year include fifty special prizes, nearly all of which are offered in the departments which farmers and stockbreeders are exhibitors. There are specials for Shropshire sheep, for "bacon" hogs, for the best herd of cattle in the various classes, for Holstein-Friesian cows, for the best animal in each and every class of horses, and for choice poultry. There are also special prizes for a milk test, for creamery and dairy butter, and for factory cheese. The aim of the management is to make the fair the leading one of Canada. They have made wonderful strides since the inaugural exhibition in 1888, and with the hearty co-operation of the farmers of Ontario and Quebec—which they confidently look for and doubtless will receive, in view of the many inducements held out to that class of the community—expect to accomplish their desired object this year. In any event the Fair deserves well at the hands of the agricultural classes. Those who have not exhibited at the Ottawa Fair cannot do better than pay the Capital a visit this year.

THE TORONTO EXHIBITION.

Prospects this year favor not only a more than ordinary numerous exhibit in all the live stock and dairy classes at the Toronto Exhibition, to be held from August 29th to September 10th, but also a more varied, that is, a greater individual display. Dr. A. W. Bell, the assistant manager, has already received promises of entry along these lines. But, what pleases the worthy doctor more than anything else, is the fact that the poultry show will this year be especially interesting,

he enjoying national fame as a fancier of barnyard fowls. Readers would be well advised to make liberal entries in all classes, for, owing to the present good feeling existing between all sections of the Anglo-Saxon race, there is sure to be an exceptionally large gathering of foreigners. In fact, Manager Hill has already received information that excursions will be promoted from many cities in the United States for the first time. Again, the novelties promised are better and greater than ever, while special exhibits are to be made by both Great Britain and France. The main attraction in the ring will be illustrative of occurrences in the Spanish-American war and the incidents that led up to it. In brief, it is proposed to illustrate war in its every phase, and to make a great display of warlike weapons. But, what we would most impress upon intending exhibitors is, that entries must all be in with Manager Hill, 82 King street east, Toronto, by Monday, August 6th.

Publishers' Desk.

It will cure Fistula every time.—Dale, Tyler Co., W. Va., Sept. 16, 1897. Lawrence-Williams Co., Cleveland, Ohio: I have used Gombault's Caustic Balsam for fistula with good success. It will cure fistula every time if properly applied, before breaking, without any bad effects. For enlarged joints and sprains it has no equal. Every horse owner should keep it constantly on hand. A. L. McINYRE.

Lump Jaw Cured.—The following is a sample of the many orders and letters being continually received re our Lump Jaw Cure, which we have now got established in Canada and the United States, having offices in New York, Chicago, Winnipeg, Man., and St. George, Ontario. FARMING is doing us some good service in distributing a knowledge of our cure through its advertising columns.

FARMING BROS.

Oskotoks, N.W.T., July 5, 1898.

DEAR SIRS:—Please send me two bottles of your Lump Jaw medicine. I have used most of the bottle that I got from you some time ago and think it will make a cure by one more application. I believe it is the *pure thing for lump jaw*. Enclosed you will find \$4. Send right away. I remain yours, ROBERT HAMILTON.

LIST OF PRINCIPAL CANADIAN FAIRS FOR 1898

Industrial Fair, Toronto	August 29th to Sept. 10th
Winnipeg Exhibition, Winnipeg, Man.	July 11th to 16th
Western Manitoba, Brandon, Man.	July 19th to 22nd
Starstead Live Stock Assn, Stanstead, P.Q.	
.....	Aug. 24th and 25th
Eastern Exhibition, Sherbrooke, P.Q.	Sept. 5th to 10th
Western Fair, London, Ont.	Sept. 8th to 17th
Quebec Exposition Co., Quebec, P.Q.	
.....	Sept. 12th to 21st
New Brunswick Exhibition Co., St. John, N.B.	
.....	Sept. 13th to 23rd
Bay of Quinte District Fair, Belleville, Ont.	
.....	Sept. 11th and 15th
Central Canada Fair, Ottawa	Sept. 16th to 21th
Southern Fair, Brantford.	Sept. 17th to 22nd
Provincial Exhibition, Halifax, N.S.	
.....	Sept. 22nd to 29th
Markham Fair	October 3th to 7th

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for wire worm, joint worm, army worm and all insects that destroy crops. Salt is the best insecticide. It is also a fertilizer.

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