

self. The "Flash Baron" special for colts sired by the stallion went to J. Doupe, J. Crawford and W. G. Buckley, first, second and third respectively.

#### PERCHERONS AND SHIRES.

These breeds did not make the display they usually do at Brandon. Hogate and his string were wanting. Robt. Reid, North Brandon had a fair sized entry. Hassard, Millbrook, Ont., had a few, as had also J. F. Cunningham, Fitzmaurice, Saskatchewan. Porte de Vendome, the three-year-old champion of last winter's fair took the honors in the stallion classes. Hassard with Cendrier was second and Cunningham's Trompee, third. Reid was first and second again for foals, first, second and third for mare and foal with Cunningham first and second for three-year-olds. Porte de Vendome is one of the finest looking Percherons ever seen in the west, a large massive horse, good in his going, splendidly bodied and clean in his moving apparatus. He was the stallion that went up for championship honors for all heavy draught breeds.

Shires were poorly represented. One lone matron and her foal making up the exhibit.

#### AGRICULTURAL AND GENERAL PURPOSE

Judging in agricultural and general purpose classes attracted a good deal of attention.

Draughts.—Chief interest in the former centred of course in the team event. Previous to this, teams had been judged before the grand stand for the Wallace hundred dollar prize for the best farmer's turn-out. It was won by W. C. Buckley with a splendid pair of evenly matched, sound and typey looking horses. When it came to the agricultural teams some of the same pairs came in again. Conspicuous in the line-up was Jas. McMamus with his team of Percherons; fine acting, typical agriculturists. There were six entries in all. Mr. Henderson found the winners in W. Nichol's team, giving the Percherons second and Caswell, Saskatoon, third. The general purpose team event was won by R. McPhail, Brandon, with a team of chestnuts, second going to C. Janson, Minnedosa, and Roddick, Brandon Hills, getting third. W. G. Buckley with his winners of the Wallace special won the special for best harnessed team, R. McPhail going second. The other events in the general purpose class were not closely competed for.

#### SHEEP.

Sheep were a rather stronger feature at Brandon this year than formerly. Shropshires, Leicesters, and Oxfords were the principal breeds represented. W. L. Trann, Crystal City, and Fred T. Skinner, Indian Head, Sask., put up the exhibit in Shropshires. Mr. Skinner is a new exhibitor at Brandon and brought out some sheep of excellent quality. He had an exceptionally fine aged ram which beat out the Trann entry in this class and subsequently won in the class for ram, any age.

In Leicesters, A. D. Gamley, Thos. Jasper, D. Hampton and A. B. Potter were the exhibitors. The awards were pretty well spread out though Mr. Gamley succeeded in landing a majority of the firsts. His stock was in rather better show condition than some of the others which accounts for quite a portion of his success. Oxford money all through was taken by T. R. Todd, Hillview, the only exhibitor. One section of the fat class was taken, that for shearing wether or ewe, the prizes going to Skinner, Trann and Bowman, respectively. The prize list was as follows:

Leicesters—Ram, two shears and over—1, A. D. Gamley, 2, Thos. Jasper, 3 A. B. Potter. Shearling ram—1 D. Hampton, 2 Thos. Jasper, 3 A. B. Potter. Ram lamb—1 and 2 A. D. Gamley, 3 D. Hampton. Ewe two shears—1 D. Hampton, 2 C. F. Smith, 3 A. B. Potter. Shearling ewe—1 and 2 A. D. Gamley, 3 Thos. Jasper. Ewe lamb—1 and 2 A. D. Gamley, 3 A. B. Potter. Pen, ram, two ewes, any age, two ewe lambs—A. D. Gamley, 2 Thos. Jasper, 3 A. B. Potter. Ram, any age—1 A. D. Gamley. Ewe, any age—1 D. Hampton.

Shropshires—Two shears and over—1 F. T. Skinner, 2 W. L. Trann. Shearling ram—1 W. L. Trann. Ram lamb—1 W. L. Trann, 2 F. T. Skinner. Ewe, two shears—1 and 2 W. L. Trann, 3 F. T. Skinner. Shearling ewe—1 and 2 W. L. Trann, 3 F. T. Skinner. Ewe lamb—1 and 2 W. L. Trann, 3 F. T. Skinner. Pen, ram, two ewes and two ewe lambs—1 and 2 W. L. Trann, 3 F. T. Skinner. Ram, any age—1 F. T. Skinner. Ewe, any age—1 W. L. Trann.

Oxfords—All prizes won by T. R. Todd.

#### SWINE.

Berkshires and Yorks were well represented, in fact the swine feature was one of the strongest ever seen at the Brandon exhibition. D. Shanks, Rapid City, officiated as judge. The competition in some sections of the Yorkshire classes was close. Fifteen entries turned up in the sow of calendar year class which shows what the nature was of the contest. W. H. English, Harding, was one of the principal exhibitors and brought out a number of high class individuals. His aged boar came easily first in his class against the Merton boar, J. E. Brethour, Burford, Ont., showed a few head and a number of awards. The other exhibitors were Potter, Strachan, Higgins and Switcher, each of whom won a share of the money.

No Tamworths were shown. A few Poland-China and Duroc Jerseys were exhibited by Wm.

Smith, Scotland, Ont., who got the awards in each class without competition in the sections he had entries in. J. Bissett, Greenbank was the only exhibitor of grade bacon hogs. A. B. Potter won the pen prize in the class for purebred bacon hogs getting first and second, with Strachan of Crandall, third. Berkshires made a good exhibit.

#### DAIRY PRODUCTS, GRAINS AND GRASSES.

They have a good dairy building at Brandon, good that is for holding the products in, but it seems to be so situated that visitors, at least not many of them, ever bother inspecting the dairy goods. It would be better if this display, also the grains, grasses, etc., now exhibited in separate buildings, could be got together all in the one hall now set apart for local traders and others to display and advertise their wares in. If this could be done, more attention by a good deal would be given to dairy and farm products, whereas now in their rather isolated situations, these exhibits are not noticed. The display in the agricultural hall was certainly worth inspection. It included in addition to the exhibit of cereal grains, and grain in sheaf, some excellent samples of a number of domestic grasses, clover, alsike and red—fresh from the field, a display put in by the Dominion forestry department and an exhibit of green plants shown by a local nursery.

Dairy products were judged by Superintendent Wilson of Regina. The display was not large by any means but exhibits were out in nearly all sections, making the show representative if not very extensive. Some home made and factory cheese, colored and white were out, dairy and creamery butter in prints, packages and granular form. Mr. Wilson commented very favorably on the quality of the products he inspected. In that respect he pronounced it equal to anything he had ever seen in the west.

#### POULTRY.

Local breeders and hen fanciers put up a good portion of the poultry exhibit, the western part of the province, Virden, Wawanesa, etc., being well represented. In addition, Hoyt, of Clearwater, Minnesota and E. H. Rodham, Darlington, Wis., made extensive exhibits. The former of these is well known to poultry exhibitors at Manitoban fairs, the latter is a new exhibitor over here. Among the other exhibitors making a more or less extensive display are included, W. Anderson, Brandon, who showed bantams, cochins and pigeons; J. W. Higginbotham, Virden, J. Mutter, G. Straling, Mrs. W. Duncan, Mrs. Rowe, W. H. Taylor and C. F. Smith. As usual the poultry house was crowded. Brandon fair management should make an effort to provide more suitable accommodation for poultry exhibits. The present building is becoming quite inadequate to house the display.

#### JUDGING COMPETITION.

In horses, light and heavy classes were worked on, Mr. Henderson, the horse judge making the awards. Each contestant placed the animals in order of merit and then gave his reasons for so placing them orally to the judge. The class in heavy drafters was Percheron. The awards were, 1st, C. W. Crawford, Chater, 2nd, A. G. English, Harding; 3rd, G. A. Todd, Harding. In light horse judging the awards went: 1st, G. A. Todd; 2nd, C. W. Crawford; 3rd, C. Yuill, East Selkirk. Four cows and three fat cattle were used in the competition for dairy and beef cattle judging. G. Steele, Glenboro acted as judge in the former and Geo. Craig, Brookdale in the latter. The awards were: Dairy: 1st, C. Yuill, 2nd, Stanley Chalmers, Brandon, 3rd, C. Cunningham, Hayfield. Beef: 1st, C. Yuill, 2nd, A. G. English, 3rd, S. Chalmers.

## DAIRY

### The Dairy Exhibits at the Dominion Exhibition.

The Dairy exhibits at the Dominion Exhibition at Calgary show a gratifying increase and improvement over those of previous years both in quantity and quality. Butter was entered for competition by twenty-six creameries, of which twenty-three were from Alberta, 2 from British Columbia and one from Manitoba. It will be seen from the scores given below that the quality of the prize winning entries was running very close indeed, indicating that the competing butter makers appreciate the importance of good workmanship. With a very few exceptions all the creamery butter shown was a first class quality, whether for immediate consumption or for keeping. Taken as a whole, it was a most uniform exhibit as to quality.

Creamery butter, fifty pounds in prints:—1st, W. W. MacGregor, Blackfalds, Alta., 96.25 points. 2nd, L. M. McLean, Innisfail, Alta., 96 points. 3rd, F. H. Hunter, Didsbury, Alta., 95.5 points. 4th, J. M. Stevenson, Red Deer, Alta., 95.25 points.

Package of Creamery butter, fifty-six pounds.—1st, W. A. Brodie, Ponoka, Alta., 96.5 points. 2nd, L. M. McLean, Innisfail, Alta., 96 points. 3rd, Robt. McCue, Bowden, Alta., 95.5 points. 4th, J. J. Skaltzky, Spring Lake, Alta., 95.25 points.

Package creamery butter, fourteen pounds.—1st, John Munn, Lacombe, Alta., 97 points. 2nd, Glenbrook Creamery, Mission City, B. C., 96.5 points. 3rd, W. A. Brodie, Ponoka, Alta., 96.25 points. 4th, H. W. Trimble, Red Deer, Alta., 96 points.

Best package creamery butter, John Munn, Lacombe 97 points.

Best average score of exhibits in above sections, L. M. McLean, Innisfail, 95.5 points.

#### THE HOME MADE BUTTER

Although the display in this class was not large, some very fine butter was shown as will be seen by the scores of the winning exhibits given herewith. A casual glance at the prize exhibits would show that they were all neatly finished. The tubs, with one exception, were lined throughout with parchment paper, and the surface of the butter finished off smoothly. The butter should not be covered with dry, coarse salt as was done in a couple of instances. Dry salt does not give any protection to the contents, nor does it add to the appearance of the general make-up of the package.

Package of farm dairy butter.—1st, Geo. Clark, Ponoka, Alta., 96.5 points. 2nd, Mrs. S. A. Sargeant, Calgary, Alta., 96.8 points. 3rd, A. Hammond, Grand Coulee, Sask., 95.75 points. 4th, Glen Brother Didsbury, Alta., 94.5 points.

Farm dairy butter, ten pounds in prints.—1st, Mrs. Jas. Shouldice, Calgary, Alta., 95.5 points. 2nd, Mrs. H. M. Quebec, Clover Bar, Alta., 95.25 points. 3rd, J. G. Nosburgh, Granum, Alta., 95 points.

Best farm dairy butter on exhibition, Geo. Clark, Ponoka, 96.5 points

#### BUTTER MAKING COMPETITION

This feature excited a great deal of interest and attention. Misses Carrick and Hunter demonstrated the whole process of buttermaking, beginning with the whole milk as received from the barns on the ground, and continuing till the butter therefrom was put up in neat pound squares ready for the market. During the whole process a large number of people crowded around the space devoted to that work, watching with interest every detail which was done neatly and with despatch.

#### AWARDS

Details	Maximum points	Points Awarded.	
		Miss Carrick	Miss Hunter
Preparation of utensils.....	10	8.5	8.5
Straining and coloring cream.....	5	5	5
Granular butter....	10	8	9.5
Washing and salting butter.....	10	8	7.5
Working butter....	10	8.5	8
Cleaning utensils....	10	9	9
Neatness and Cleanliness.....	25	23	23
Exhaustive churning	10	7	8
Time.....	10	9	8.5
Total Scores.....	100	86	87
(Signed) Miss M. B. Hunter, 1st Prize.			
Miss M. L. Carrick, 2nd Prize.			

#### MACHINERY

A review of the dairy exhibits would not be complete without reference to the tasteful displays made by a number of firms manufacturing cream separators the machines which have revolutionised the dairy industry. The genial representatives were kept busy explaining to the visitors the "points" about their several machines, which made them a particularly desirable and profitable investment to the farmer who is engaged in dairying for profit.

One could not examine the exhibits in the dairy building, both from an artistic and utilitarian point of view, without admiration, and on every hand there was evidence of a long step in the advance of the dairy industry of the Province.

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Two Liverpool refrigerator experts have designed a new type of refrigerator car for transporting dairy produce, which does away with the present system of having ice boxes at the end of each car, and introduces instead, a small and enclosed mechanical cooling plant mounted on one end of the car. The plant is an ordinary ammonia condenser placed on the roof with an expansion valve arranged to keep automatically a constant pressure on the evaporators within the car, and consequently, a steady temperature. The compressor is driven by a chain-driving gear from the car axle. The new car possesses some marked advantages over the old type of railway refrigerators. It is independent of ice supply, is available to any point on the line at all times, does away with the delays of icing and the expense of ice storage, maintains a lower temperature than ice coolers, can make a journey of any length without renewals, and is free from the risks of careless or insufficient icing.