

in starch matters, other foods supplying a complement of matters different from starch (which is a fat and heat producer) are required to balance corn in the ration. Such foods are those containing protein (nitrogenous or albuminous matter), which goes to build up the blood, muscles, cartilages, tendons, hoofs and hair of animals, and, besides, imbues them with vim, vitality and vigor. Mr. Pratt has told us that in alfalfa we shall find a food fitted to compensate corn. That is for the reason that alfalfa is rich in protein and bone-making material—the earthy salts or inorganic matters which are as necessary as starchy matters and protein. This protein and these earthy matters are furnished by other nitrogenous foods, among which may be mentioned wheat, rye, barley, oats, peas, flaxseed, cottonseed, skim milk, bran, middlings, shorts and other by-products of the mills, and last, but richest in protein, dried blood meal and tankage, by-products of the slaughter-house.

P. E. Island Exhibition.

The weather during the first three days was all that could be desired. The fourth and last day brought a shower in the morning, which made things somewhat uncomfortable for the stock and their owners, but it soon cleared, and the exhibitors had a fine afternoon to remove their exhibits. The arrangements for the show were very complete, and everything passed off without friction. The entries in stock were the largest we ever had, and the animals were very superior—hardly a poor one among them. The farm and garden produce, butter and cheese, fruit and flowers in the main building was of a very high class. Potatoes, turnips and mangels were very superior, and the fruit—well, it was a surprise to almost everybody, and occupied much more space than at any previous show. The fruit judges pronounced very many of the samples superior to anything they had seen at Halifax or St. John. The exhibit of dairy produce was large, and the quality uniformly good. L. C. Daigle, Dairy Supt., of New Brunswick, placed the awards on the butter and cheese, and had some pretty fine points to decide, where all was so good.

AMONG THE STOCK.

HORSES.—The horse exhibit was the largest and best ever shown here. An experienced judge of horses said to the writer, that our people were experts in fitting horses for exhibition. The classes were well filled, and competition was strong. The red ribbon in the aged draft stallion class went to Charming Lad, bred by O. Sorby, Guelph, Ont., and owned by A. Ferguson, Springfield. He is a massive animal, of pure Clydesdale type, and showing good action. Stanley & Horne's McQueen got third; the second place was awarded to McMillan & Crockett's Royalty. J. W. Calbeck showed some very fine young stock from Knight of Ardgowan, and got his share of the red tickets. Other prominent exhibitors in this class were David Reid, B. Dosendorff, John McNeill and Albert Boswell. In the Thoroughbred class there was only three shown; June Day, owned by Thomas Robbins, Bedique, got the red. The carriage and saddle classes were a handsome lot, and brought out in A1 condition. Some of the leaders in this class were Albert Boswell, W. S. McKee, John A. Ferguson, W. D. Coffin. The Thoroughbred, which was for years absent from this show, is getting to be strongly in evidence now, and is taking the place to a very great extent of the Standard-bred. Only one specimen of pure-bred Hackney was exhibited, a nice, smooth filly, shown by A. R. McKay (city).

CATTLE.—Beef Breeds—Shorthorns were shown by C. A. Archibald, Truro, N. S.; D. C. McKinlay, F. G. Bovyer, S. C. Lane, Lincoln Irving, and others. Archibald got most of the first prizes, both the herd prizes, sweepstakes for best bull any age; same for cow. His three-year-old bull, Huntleywood, bred by Senator Drummond, is a grand specimen, carrying a great wealth of flesh. The second prize went to a very fine bull, owned by D. C. McKinlay, North River, and third to F. G. Bovyer, Georgetown, for an inbred Challenger.

W. W. Black's splendid herd of Herefords were on exhibition, and were brought out in fine condition by that master in the art of fitting cattle, William Robertson, the herdsman. This herd got all the prizes in the class, as there was no competition. They also took the sweepstake for best bull of any beef breed, with Sir Horace, who still looks well in his nine-year-old form. C. A. Archibald's Huntleywood was a close competitor for this prize, and many good judges would have given him the place. There were no Galloways, and only one Polled Angus shown.

In the dairy breeds the classes were well filled. In the Ayrshire section C. A. Archibald and Easton Bros. were the principal exhibitors; Archibald taking first for herd and Easton second. William Millar, Marshfield, took first for aged bull. Archibald's Scotch-bred bull, Morning Star, a model two-year-old, of correct dairy type, was easily first for sweepstakes in the dairy class. Easton Bros.' herd was not in the best of show condition after their circuit of the Maritime fairs, still they got a fair share of the red tickets.

The Jersey section was not so numerous as the Ayrshires. William Clark, of North Wiltshire; James Essory, Union Road; John H. Gill, York, and Isaac Judson, were the principal exhibitors. Clark got first for his aged bull, Brampton Rex, bred by B. H. Bull & Son, Brampton, Ont. He also got the herd prize.

In Guernseys, Roper Bros. and McMillan & Dawson divided the honors, Roper Bros. taking the first for aged bull, two-year-old bull, cow in milk, two years old, and also, in the heifer and heifer calf classes, and the herd prize; McMillan & Dawson getting first on yearling bull, bull calf, and best cow.

Holsteins are increasing in numbers at this show; some of our younger breeders are taking hold of them. Walter M. Lea, of Victoria, and John Tweedy, of Earncliffe, showed herds of excellent quality, founded on some of the best blood in Canada. Other exhibitors were Thomas Sherry, Webster's Corners, who took first on aged bull; Fred Clark, Victoria; Chas. Curtis, Royalty, and A. H. Boswell, Marshfield. There was a large class of grade milking stock shown.

HOGS.—The principal exhibitors of Berkshires were John Simmonds, Marshfield; Robert A. McPhail, New Haven, and Peter Brodie, Mill Cove. McPhail and Brodie both showed Berkshires of good bacon type. This type is taking the place of the short fat kind that we used to see here.

In the Yorkshire class J. W. Calbeck, P. J. Connolly and George Crockett were the principal competitors, Calbeck getting most of the red tickets, and followed closely by Connolly and Crockett.

POULTRY.—The poultry show was quite large, and contained good specimens of all the principal kinds.

NOTES.

About all objectionable side-shows were excluded from the grounds this year. The directors deserve credit for thus complying with the strong demand for their exclusion, which has been urged on them by the better class of citizens.

F. W. Hodson, and members of his staff, who attended here, did all in their power to make the show a

success. The judges selected by the Live-stock Commissioner gave good satisfaction, and there was less complaint than is usually heard about their decisions.

The Farmers' Pavilion, in which the lectures were delivered, was well patronized, and the lectures delivered by F. W. Hodson, Dr. Fletcher, Major Shephard and others, were a great source of information to stock-breeders and general farmers.

The exhibition will be a financial success, as the attendance was good. President Haszard, the board of directors, and the genial hard-working secretary, C. R. Smallwood, deserve the best thanks of exhibitors and visitors for the excellent manner in which all of the arrangements were made and carried out.

The evening lectures in the Farmers' Pavilion on the grounds were not so well attended as they should have been, as farmers had to pay 25c. admission to the exhibition grounds before they could hear them. These evening lectures should have been held somewhere where everybody could hear them without expense. We trust this matter will be remedied another year.

The Sheep and Swine at St. Louis.

(Special Correspondence.)

The display of sheep and swine at present on exhibition at the Louisiana Purchase Exposition, St. Louis, is without a precedent in numbers and quality, the numbers being well up in the thousands, and the quality the best that could be selected from the flocks and herds of England, Scotland, France, and Canada, along with those bred by our American cousins, making an exhibit of the choicest character. Among the sheep exhibitors are many of Canada's foremost breeders, whom it is expected will capture many of the most important premiums. The Canadian exhibitors are: Leicesters—A. W. Smith, Maple Lodge; Hastings Bros., Crosshill; Whitelaw Bros., Guelph. Lincolns—J. T. Gibson, Denfield; Graham Walker, J. H. Patrick and W. E. Patrick, Ilderton. Dorsets—R. H. Harding, Thorndale; Col. J. A. McGillivray, Uxbridge. Suffolks—Jas. Bowman, Guelph. Shropshires—John Campbell, Woodville. Cotswolds—Elgin Park, Burgessville; J. C. Ross, Jarvis, and T. H. Shore, Glanworth. Southdowns—Telfer Bros., Paris; Huntleywood Farm, Pointe Claire, Que. Oxfords—Henry Arkell, Arkell. All the mutton breeds are well represented by the above mentioned exhibitors. The judging commences on Wednesday, October 5th, and is spread over some nine days, which is a new departure, but not a very popular one for exhibitors, as the sheep have to be kept too long, as it were, at high tension. As to the accommodation so far meted out to exhibitors, the consensus of opinion is that they never before met such treatment at any pretentious show. Every man had to be his own carpenter, the stables being just as when the cattle left them, excepting that there were some high gates made to close up the ends of the stalls, which had to be looked up and fitted to place by the exhibitors, which, after being placed made the sheep look more like being caged than in pens. It is needless to say, the exhibitors worked away until they got things looking respectable. The last Sunday in September and the three following days were the hottest in years at St. Louis, the consequence being that many hogs and some sheep, some of the latter from Canada, succumbed. One of the most try-



In the Far North.

Fort Chipewton, on Athabasca Lake, about 550 miles north of Edmonton. R. C. Mission to the right. English Church and Hudson's Bay Co.'s fort in the distance. Sample of wheat from there was good.