

poisonous when the seed has formed. Larkspur, it was stated, would, if eaten by stock in large quantities before the flowering season, often be the means of their death. Cicuta, or poisonous parsnip, in early season and also when seeding, causes diarrhoea, then partial paralysis, and not infrequently terminates in death.

Mr. Willing's address was very much to the point, and intensely interesting. He had a collection of mounted weeds to illustrate his remarks, so that a great deal of information was also given through the eye, enabling the audience to carry away more real help than they otherwise could. Considerable discussion made the meeting very practical, as the views of most present were given on the subject at issue. After thanking Mr. Willing for his helpful remarks, the meeting was brought to a close.

Territorial Government Swine Sales.

Auction sales of pure-bred Berkshire, Yorkshire and Tamworth swine will be held under the auspices of the Territorial Department of Agriculture as follows:

Carstairs, Alta., Monday, November 2nd.

Olds, Alta., Tuesday, November 3rd.

Innisfail, Alta., Wednesday, November 4th.

Red Deer, Alta., Thursday, November 5th.

Lacombe, Alta., Friday, November 6th.

The hour of sale arranged for is 1 p. m. in each place. Pigs of both sexes will be offered, from five to seven months old, eligible for registration, and accompanied by breeder's certificate. As the number is limited, intending purchasers should make it a point to be on time.

Ram Show and Sale at Maple Creek.

The second annual pure-bred ram show and sale of the Territorial Sheep-breeders' Association was held at Maple Creek, Assa., on September 29th and 30th, and proved only a partial success. The rams were of good quality, many of them being splendid specimens of their respective breeds, and all of them acclimated, which is of great value to the Western flock-masters. Eastern rams are frequently fitted without sufficient exercise, which naturally leaves them unable to successfully cope with range conditions for a time, and as a natural consequence their first season's work is often below the standard of strong, vigorous, Western-bred or acclimated rams. Yet, although the rams offered for sale were, with few exceptions, of prime quality, and their environment especially adapted to develop sturdy getters, still the sale was not equal to the one of a year ago.

In numbers the Shropshire breed largely predominated, Oxford Downs and Leicesters, the only others shown, being poorly represented. The rams were judged on the afternoon preceding the sale, by S. W. Paisley, of Lacombe, and M. D. Geddes, of the "Farmer's Advocate" staff, Calgary. The decisions of the judges were fully sustained on the sale day.

SHROPSHIRE.—Out of a total of 65 rams, 55 of that number were Shropshires, contributed by John A. Turner, Calgary; the Canadian Land and Ranch Co., Crane Lake; Chas. W. Peterson, Calgary, and Geo. Geary, Innisfail; the two first-named supplying the majority. Two shears and over made the strongest class. A grand lot of tight-woolled rams they were, strong in Shropshire character; thick, smooth and compact as they lined up before the judges. After careful handling and some deliberation, first was awarded to J. A. Turner, and second to D. H. Andrews, of the Canadian Land and Ranch Co. A third, another of the Canadian Land and Ranch Co.'s, was highly commended, there being but two prizes.

There was only one shearing on the grounds, a very fine animal, owned by Geo. Geary, which, being well entitled to a prize, was given first. Chas. W. Peterson had the only entries in the lamb section, and was awarded first and second, also sweepstakes for Territorial bred, and the open championship for any age Shropshire. The lamb was an excellent specimen of this useful breed, and many favorable comments were made by the onlookers regarding him. He was the highest-priced Shropshire, yet he brought only \$15.00, which was a poor price for such a lamb.

Oxford Downs, though only four in number, made a strong quartette. They were contributed by C. M. Smith, of Lacombe. His stock ram, which showed singly in the aged class, is an extra fine sheep, and two of the yearlings were also the kind worthy of the highest prices going.

J. R. Thompson, of Calgary, contributed the Leicesters, six in number. They were a good, useful lot, yet like their companions did not bring high prices; two of them were lambs and the balance shearlings.

The following is a list of the sales:

LEICESTER.

Prize.	Age.	Contributor.	Price.	Sold to.
1st—Shearling—	J. R. Thompson	.....	\$11.00	W. J. McFarlane, Maple Creek.
2nd—Shearling—	J. R. Thompson	.....	\$ 9.00	J. D. Wilson, Maple Creek.
Shearling—	J. R. Thompson	.....	\$ 9.00	J. D. Wilson, Maple Creek.

OXFORD DOWNS.

1st—Shearling—	C. M. Smith	.....	\$15.00	Many Island Sheep Co., Walsh.
2nd—Shearling—	C. M. Smith	.....	\$14.00	Jos. Dixon, Maple Creek.
Shearling—	C. M. Smith	.....	\$10.50	Jos. Dixon, Maple Creek.

SHROPSHIRE.

1st—Lamb—C. W. Peterson	.....	\$15.00 ;	Many Island Sheep Co., Walsh.
2nd—Lamb—C. W. Peterson	.....	\$ 8.00 ;	Jos. Dixon, Maple Creek.
1st—Shearling—Geo. Geary	.....	\$10.50 ;	Jos. Dixon, Maple Creek.
Shearling—Geo. Geary	.....	\$10.00 ;	J. D. Wilson, Maple Creek.
Aged—Can. Land & Ranch Co.	.....	\$11.00 ;	Page Bros., Maple Creek.
1st—Aged—J. A. Turner	.....	\$14.00 ;	J. D. Wilson, Maple Creek.
Aged—J. A. Turner	.....	\$14.50 ;	W. Kendrew, Maple Creek.
Aged—J. A. Turner	.....	\$14.50 ;	W. Kendrew, Maple Creek.
Aged—J. A. Turner	.....	\$13.50 ;	Page Bros., Maple Creek.
Aged—J. A. Turner	.....	\$13.50 ;	Page Bros., Maple Creek.
Aged—J. A. Turner	.....	\$13.50 ;	Page Bros., Maple Creek.
Aged—J. A. Turner	.....	\$13.00 ;	Page Bros., Maple Creek.
Aged—J. A. Turner	.....	\$10.50 ;	Jos. Dixon, Maple Creek.
Aged—J. A. Turner	.....	\$10.50 ;	Jos. Dixon, Maple Creek.
Aged—J. A. Turner	.....	\$10.00 ;	Page Bros., Maple Creek.
Aged—J. A. Turner	.....	\$10.00 ;	G. W. Onick, Maple Creek.

Owing to the lack of purchasers, quite a number of the rams were not sold, which is to be regretted, for there is little doubt but that quite a number of grade rams will be used before the breeding season is over. With good registered rams selling at an average of less than \$12.00, there is no excuse for the use of scrub rams.

New Transportation Regulation for Export Cattle.

The Canada Gazette publishes the following new rules for the transportation of live stock from Canada to Europe: Fat cattle carried on the upper or spar deck must be given a space of two feet six inches clear in width, by eight feet clear in length, and not less than six feet three inches in height each; and in no case shall more than four head of cattle be allowed in each pen, except at the end of a row, where five cattle may be allowed together, provided, however, that five cattle, each 1,000 pounds weight or under, commonly known as stockers, may be carried in a pen instead of four fat cattle, provided that when five stockers are carried in a pen instead of four fat cattle, the pen shall not be less than ten feet eight inches clear in width. Cows in calf are to be given the same space as fat cattle are given.

In ships fitted with permanent iron fittings, with alleyways not less than three feet in width, and fitted with approved and sufficient means of ventilation, fat cattle may be carried on the second deck in a space of two feet six inches in width, provided that no cattle are carried on the hatches. If cattle are carried on the hatches, the space for each animal in the compartment must be two feet eight inches in width. Cattle carried on the third deck must, in all cases, have a space of two feet eight inches in width. Alleyways between the pens must not be less than two feet wide, except forward and aft, where they may not be less than eighteen inches for a distance of twenty-one feet four inches from the end of the ship inwards, and no feed shall be placed or stowed in the alleyways. In any case in which more than four rows of cattle are carried, transverse alleyways shall be made at each end of a compartment and opposite hatches from which food or water is supplied, as may be required by the inspector.

Foot-and-Mouth Serum.

Professor Loeffler, of Griefswald, has sent in a report to the German Government on the result of his investigation of the foot-and-mouth disease among cattle. He says that a means has been found to protect the animals while in stables from contamination by the use of small doses of a serum. He advises the inoculation of all cattle bought on the market, and he says if they are treated with the serum they are safe from infection.

The British Columbia Provincial Show.

Good weather was the luck of the New Westminster show of 1903, which luck was partially spoiled by the final week of a Provincial election campaign, with the results that the upper exhibits, visitors and exhibitors were absent. In spite of the handicap, American day (Thursday) was a record breaker, with over twelve thousand admissions. The visitor to New Westminster is struck by the enthusiasm shown by the townspeople over their show, a feature unique among the cities of America. To this enthusiasm the fair undoubtedly owes a large measure of success. The attendance was also helped materially by the sister city on Burrard Inlet.

One notes several differences between this fair and other big Canadian shows, the chief of which is the utter absence of horse-racing, tight-rope walkers and trapeze artists. The special attraction relied on is the Canadian national game, lacrosse—Eastern and Western champions, in the New Westminster, Shamrocks (Montreal) and Vancouver teams competing. The fair is all the better of the absence of horse-racing, which is, as a rule, anything but clean sport.

The live-stock exhibit was good, although smaller than usual, for reasons already advanced. The quality was fully up to other years, and added interest was given by the entrance of two doughty opponents in the lists from outside the Province, namely, Jas. Smith, manager for Alex. Galbraith, Brandon, Man., with Clydesdales, Percheron and Suffolk stallions, and Mercer Bros., Markdale, Ont., with a carload of Short-horns and Herefords. The exhibit of sheep, notably the Down breeds, was probably the most uniform and strongest section in the live-stock exhibit.

HORSES.

The draft classes were the strongest, and Clydesdales the ring in which competition was keenest. In aged stallions, Galbraith's entries won first and third, the noted local equine, Premier Prince, being sandwiched in between. Ring-side critics were plentiful, and the local horse owned by H. M. Vasey, Ladner, did not lack for supporters. Whatever his merits, the horse seemed to lack vim, was, as it is termed, "loggy." Judge J. M. Gardhouse, Weston, Ont., who rated all the horses, gave them a pretty thorough going over, and was supported by the crowd in his decisions. Females in the Scotch draft sections were nothing remarkable, and the class, as a whole, was not equal to that shown at Ladner the Saturday previous. Vasey won first with his team, the Victoria Transfer Company's entry, a lower-set, thicker, heavier team, getting second. Suffolks were numerous, and of fair quality. Galbraith in stallions leading the local men, Messrs. Steeves, Steveston, and Thompson, Sardis. In Percherons the prairie entries repeated their stable-mates' victories, consequently Manager Smith was elated, because prizes meant business, and that was the aim in coming to B. C. In the aged class a big grey from Brandon won; Page, of Mission Junction, being second with a smaller horse. The other entries were nothing out of the ordinary.

Light horses were confined to a few Standard-breds, and the motley aggregation called roadsters and saddle horses. A few first-class Hackney stallions would not come amiss in the country districts, judging by the looks of some of the classes. There was considerable competition in the aged class of Standard horses, the son of Colloquoy, owned by Marshall, Chilliwack, beating his sire, owned by J. T. Wilkinson.

CATTLE.

The bovines were out in numbers and varieties, the awarding of the tickets in the Short-horn classes, which was done by J. M. Gardhouse and Henry Wade, Toronto, attracting an interested crowd of onlookers. Aged bulls brought out four stud veterans, Mercer's Imperial winning over the entry of Tamboline, Westham Island, and W. H. Ladner's entry got third. In two-year-old bulls Alex. Patterson, Ladner, won with Virgil, a grandson of St. Valentine, a lengthy, level roan, beating a son of Scottish Canadian, a very fair bull, owned by H. M. Vasey, Ladner, who also beat Ladner's white bull, Commander, a sappy, low-set fellow, hardly as smooth as his successful competitors, and with a tendency to reach his back when walked. In yearlings Tamboline was first. In bull calves Mercer first, Ladner second and third. The sweepstakes bull was the Ontario entry, the massive, masculine, well-meated roan, Imperial. It was a question for some time with the judges whether the condition of his hind legs would militate against his use at the stud, and whether it would outweigh his undoubted appearance of a strong constitution and good touch. Best of Archers, when first imported from Scotland, was in much a similar condition after arrival at his owner's farm, but he proved equal to his duties at the stud. Patterson's Virgil, the reserve, although the more level and smoother bull, was not as masculine nor as well covered, and stood higher on his legs. Cows in this breed were a good

lot; ten came over, low-set, but serve for sweep with a red of and prominent good third. herds divided younger classes, Patterson the female was fou Mercer's, a bit ing every bit a unsuccessful riv No great inju positions been

HEREFORD giving the local F. Kirkland, W old son of Corri condition, won try, a bull in linity and subs animal. In fe prizes, his stuff dent from the frequent infusio feed are necess generating in I

RED POLLS Vancouver Isla wack, Berkley bull class with dairy order. Berkley. The divided.

HOLSTEINS who had it all JERSEYS

keen competitio cows. A. J. of the prizes, & Son, Chilliw prize aged and best male of th them.

AYRSHIRE numerous dairy Province is no before the judg sisted by Dr. A fair lot, non especially the c A. C. Wells & ond: Bessie showed such ch as not to be smaller cow, w Austin's Lulu The remainder Wells, W. R. A herd prizes goi The Hudson tie was award herd.

Long-wools There was, how fleeced varietie more suited to petition in so Gardhouse call in some of the Cloverdale, we fords; J. T. W A. Kipp, Chil

Swine were among which Bros. were unl animals of bo ited by Joe T wack, and J. L pigs, fairly re bred. The Mc fat, chunky ty months, with aged sows, be sow, which ha small for their one year sow lengthy, but r ond; McKee t lot; Chester son showing t Berkshire her over the other the swine clas by Dr. Hopkir

The poultry a lot of good be more num tail in the fa dozen. There poultry indust Machinery Trapp, New W huggies, impl separators. agents' exhibi rural society hibit, jams, je