

## THE FARM BULLETIN.

The sale of the Harriston Pork Factory to the William Davies Company, of Toronto, has been ratified by the shareholders.

Some of those who grew sugar beets for the Berlin, Ont., factory found it a little difficult to obtain cars for shipment just at the desired time. This, however, is a matter that growers should attend to in time next year.

There are now three of the Ontario Agricultural College graduates on the staff of the Montana State Experimental Station: Messrs. F. B. Linfield, Director of Agriculture; W. J. Elliott, in charge of the dairy work, and Alfred Atkinson, who has just been appointed Agronomist.

The appointment of Dr. J. MacIntosh Bell as Government Geologist of New Zealand is a tribute to the director and staff of the Canadian Geological Survey. Dr. Bell is a nephew of Dr. Robert Bell, and has served under his uncle on the Canadian Geological Survey for four seasons.

The Survey Department, on November 29th, received the report of Mr. A. H. Macdougall, of Port Arthur, on the survey made by him of Pearson Township, in the district of Thunder Bay. The township contains about 35,000 acres. A few lots are rocky, but about 45 per cent. of the township is good agricultural land, and a large number of settlers are taking it up. The township is well watered, a branch of the Slate River and several branches of the Pine River running through the center and western parts.

After six years' experimenting, W. H. Brunner, of Alliston, Ont., has perfected a machine for compressing straw into hard rolls for fuel, a ton of straw making by it about a cord of "wood," which is said to burn like beech or maple. From 10 to 15 cords of fuel can be turned out in a day by it. This machine, if all the claims for it be true, will surely prove a boon to the great grain areas of the West.

## Hints to Subscribers.

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## Others Find a Bargain: Why not You?

Our special offers in regard to the "Farmer's Advocate and Home Magazine" are taking like "hot cakes." Already new subscriptions are coming in by hundreds. Now, what others have done by way of sending us in new names, you can do. Remember, our special offers only hold good for a short time. While they last, we are losing money on the actual cost of publication, and we are only giving them in order to introduce our journal into homes where it has not been before. Take advantage of them while you have a chance. The following are samples:

Enclosed please find post office order for \$3.00, for two new subscribers and my own renewal, as per offer in Nov. 3rd issue. Hoping you may get your 15,000 new subscribers, I remain, Yours truly,  
Newry, Ont. CHAS. VALLANCE.

I saw in your paper, the "Farmer's Advocate," that by sending you \$2.25 and one new name you would advance my subscription one year. I enclose you \$2.25 for the same, and one new subscriber.  
Zenda, Ont. HERBERT ESSELTINE.

I noticed in Nov. 3rd issue, that present subscribers who obtained two new subscribers would have their own subscriptions free for 1905. I now send you two new names. Please send the paper to the following addresses: ———, ———. Yours truly,  
Wyecombe, Ont. GEORGE ROBINSON.

Enclosed please find \$2.25, for one new subscriber and my renewal for next year. JAS. DENYES.

Odessa, Ont. P. S.—Your paper is A1. It can't be beat. We like it fine.

## Chicago International Show.

The fifth annual International Live-stock Exposition closed in Chicago on December 3rd, and with it the notable live-stock show season of 1904. In comparison with its predecessor, it cannot be said that it was of greater magnitude. A year ago it largely exceeded the limits of the accommodation provided within Dexter Park Amphitheatre and its annexes. In the quality of all classes of exhibits a steady and substantial improvement was noticeable. While some did not produce the sensational winners of former shows, yet the general average was very good. It was noticeable, too, that the number of inferior animals, whose owners have no excuse for bringing them out, was less than ever before—a point which goes to show that stockmen are learning more and more to know themselves just what is entitled to win.

An outstanding feature of the show was the part played by the agricultural colleges, both in regard to exhibits brought forward by them, and the professors of these institutions, who judged various important classes. The people of the south have a keen appreciation of the value of their agricultural colleges, and of the influence of the men that are going forth from these institutions. Such men as Profs. Curtiss and Rutherford, of Iowa; Carlyle, of Colorado; Boss, of Minnesota, and Humphrey, of Wisconsin, were constantly conspicuous in the ring. The student live-stock judging competition was indulged in by six agricultural colleges, including Ontario. The young men of two colleges, Iowa and Kansas, competed in a corn-judging contest; a feature which is expected to develop greatly by next year, and to include the judging of wheat and other cereals as well.

The International may now be said to have assumed a status from which gradual and not sensational development may be expected. To those who realize its significance in the development of the live-stock industry of the country, it is gratifying to know that the success of future shows is now assured, and that the money necessary to insure the maintenance of the exposition on a permanent basis has been guaranteed. It is the intention to erect a substantial building in which to exhibit horses. During the last two years a large tent has been used, which proved to be very unsatisfactory.

## CATTLE.

One of the greatest sensations of the cattle show was the winning of the grand championship in fat-steer classes by Clear Lake Jute 2nd, an Aberdeen-Angus two-year-old, owned by the Minnesota Agricultural College. Two years ago this wonder in bovine excellence was the prizewinning calf, and in 1903 he was reserve for the grand championship, which he has now captured. One year ago when he returned to his college home from the International, few stockmen expected to see him back again to the Windy City, but his feeder, Mr. George Craig, a former Canadian, from the famous county of Wellington, had more rosy visions of his future, and that he was right was amply testified by the decision of the famous British judge, Mr. John Ross, of Meikle Tarrel, Rosshire, Scotland, who judged the fat classes.

In the class of breeding Shorthorns the entries amounted to two hundred and sixty, but quite a number of the St. Louis winners were not in sight. No Canadian herds were present, but in many of the rings the animals that stood first were bred on this side of the line. Canadian cattle were particularly prominent in the two-year-old cow class, Fair Queen and Golden Bud being from Fairbairn's and Senator Edwards' herds, and Lad's Missie had one of the Trout Creek Missie's for dam. Jas. Leask, of Greenbank, Ont., had over a fat steer that won second in the grade Shorthorn class, and fourth in the open grade class. In the pure-bred Shorthorn fat class, W. D. Flatt showed Trout Creek Wanderer, and won first in the section for yearlings. This calf was afterwards sold to Indiana State College to carry the Shorthorn banner at future shows.

When the aged bull class was called many were disappointed in not seeing Choice Goods, the famous champion of the State Fairs and St. Louis; but in his absence the feeling was very general that Whitehall Sultan, owned by Frank Harding, Waukesha, Wis., would easily lead. This was not found to be the opinion of the judges, however, who, after going carefully over the long line, picked Master of the Grove, a smooth, thick, massive bull, owned by Bellows, of Missouri. This bull was not so strong in the back, nor so thickly fleshed as the Harding bull, but the judges claimed they could see in him better breed character. Third was found in Cock Robin, owned by I. M. Forbes, Illinois, and fourth in Royal Avalanche, shown by W. F. Alexander, of Illinois. The Robbins bull, Lord Chesterfield, that stood second this year at Toronto, was seventh. Since he appeared in Canada he has gone off considerably, and it was a surprise to many that his owners brought him out in his present condition.

A field of sixteen two-year-old bulls faced the judges. Lavender Clipper, a square, deep, wide and smooth bull, owned by Dunwoody, Minneapolis, bred by W. D. Flatt, Hamilton, Ont.; sire Choice Goods, was an easy first; Bellows' Invincible Hampton, a typical Scotch bull, got second, and Hanna's King Edward, a capital Shorthorn in type, was third.

Robbins got first in senior yearling bulls with My Choice, and Bellows first in junior yearlings with Hampton's Model; Harding coming second in the former with Whitehall Marshal, and Hanna the same place in the latter with Missie's Diamond. Senior bull calves made a very strong ring of over twenty, sons of Choice Goods capturing first and third, and Robbins second. In juniors, Saunders, of Iowa, was first, Bellows second, and a son of Choice Goods third.

The aged cow class had seventeen entries, among which were many good ones. Lad's Lady, owned by Robbins & Son, Indiana, was placed first by general consent, and next her stood Hanna's Star Queen, followed by Jennie June, shown by the same exhibitor. It is interesting to remember that the winner of first in this class stood second at Toronto show, being beaten by Mayflower 3rd, owned at Sir Wm. Van Horne's Selkirk, Man., estate. Females two years and under three found Canadian blood and breeding at the front, the Royal Prince heifer, Fair Queen, bred by H. Fairbairn, Thedford, coming first, as she did at St. Louis. Second went to Dunwoody's entry, Golden Bud, bred by Senator Edwards, of Rockland, Ont., granddaughter of Marquis of Zenda (imp.), and third to Robbins, Indiana, with Lad's Missie.

Senior yearlings proved to be a strong class, and after much apparently unnecessary handling, for which one judge received severe criticism by the ringside talent, Robbins & Son's Lad's Emma, a smooth heifer, fitted to a finish, was placed at the head of the line. Next her came Bowen's Victoria of Linwood, and several places lower the judges allowed Watt's Tiny Maude to remain. Many good judges by the ringside, after careful examination, failed to understand why this heifer should be any lower than fourth, and some would have had her higher. One judge gave as his lame excuse for the placing that he did not think she would be a breeder.

Junior yearlings had twenty-eight entries, but Dunwoody's Juno of Woodhill was accorded first place by common consent. One of if not the strongest of the female classes was the ring of senior heifer calves. In this, Queen Ideal, full sister to the champion, Fair Queen, exhibited by W. B. Watt's Sons, Salem, Ont., stepped to the head of the line, beating the winner in the same class at St. Louis.

The senior male championship award resulted in further honors for Bellows' Master of the Grove. Robbins' My Choice secured junior championship. Fair Queen added another laurel to her long list by capturing the female championship.

HEREFORDS.—There was an excellent showing of Whitefaces at Chicago this year, and although some of the best herds of the U. S. were not present, the breed maintained the splendid reputation which it has won as beef producers. As reserve in the fat steer championship it was a Hereford that held the honor, and in the car lot classes the position taken in former competitions was well maintained.

Eight aged bulls appeared for honors, and Van Natta's Prime Lad, a smooth, thick-fleshed individual got the first; Harris' Fulfiller, a thick, deep, low-set fellow coming second, and Masquerader, owned by Hemenway & Cook, Illinois, third. In two-year-olds, Prince Rupert 8th, owned by Luce & Moxley, Shelbyville, Ky., was the lucky number; second was found in Harris' entry from Mo., and third in Disturber, owned by S. L. Brock, Macon, Mo.

In the other classes of males, as well as the females, there were many exceptionally fine specimens of the breed, and the large crowd always to be found at the Hereford ringside proved that the American is losing none of his enthusiasm for these famous grass cattle.

ABERDEEN-ANGUS.—Breeder of Aberdeen-Angus were justly enthusiastic over the success of Clear Lake Jute, the Minnesota Agricultural College steer, over all comers. In the breeding classes, there was a grand lot of smooth, low-set, evenly-fleshed cattle. In the aged bull class, D. Bradfute & Son, Cedarville, Ohio, won first with Lucy's Prince, a most remarkable animal. C. J. Martin, Iowa, had the next, and E. J. Davis, of the same State, was third. All through the breeding classes these exhibitors were prominent, as was M. A. Judy, of Illinois, and W. A. McHenry, Iowa.

GALLOWAYS.—The shaggy-coated blacks maintained their good name again this year. There was a splendid showing in every class, and considerable enthusiasm manifested in the placing. The principal exhibitors were C. E. Clarke, St. Cloud, Minn., who had an exceptionally fine bunch; O. H. Swigart, Illinois; C. N. Moody, Missouri; and Brookside Farm, E. H. White, and J. E. Bates & Sons, Iowa.

REPEATED