

Sprung Spindles

NEXT to bowls going out of balance, due to wear and tear, or misuse, there is no other feature that is a source of so much trouble as the bowl spindle becoming slightly sprung. While this can happen only by rough handling, or accident, it is a frequent occurrence. Even if the spindle is sprung as little as one one-thousandth of an inch, it will cause a decided vibration, or jar, in the whole machine. The only thing to do is to send such a bowl back to the factory, and have the spindle straightened.

The Self-Centering Bearings

used in the "SIMPLEX" Link-Blade Separators exclusively, overcome this trouble. The reason is, that with the **Self-Centering Bearings**, the bowls are free to run on their neutral axis, instead of being confined by bearings to try to make them run on their mechanical axis, therefore they are independent of the location of the mechanical axis, and it makes no difference, so far as the running is concerned, if the spindle is slightly sprung. Of course, this does not apply to extreme cases, but it takes care of the average case as met with in practice.

The Simplex Separator

is the only one now on the market that will always preserve its running qualities independently of the balance of the bowl, or the absolute straightness of the spindle.

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The Central Canada Exhibition

Fine weather, helped to make the Central Canada Exhibition, held in Ottawa last week, possibly the most successful since its inception. On Wednesday, the attendance was estimated at over 40,000, constituting a new record. The gate receipts for the week were several thousand dollars ahead of those of a year ago.

A number of improvements that had been made during the year, were quite noticeable. The new cement grandstand seating some 10,000 people, was completed and in use. Some old buildings had been removed. It is expected that in another year there will be railway connections with the grounds.

For three years past, games of chance have been a prominent feature of the Midway of this exhibition. Editorial mention of this fact was made in last week's issue of Farm and Dairy. This year Mr. J. Locke Wilson, Provincial Superintendent of Agricultural Societies, had some 15 of the sharpers arrested and their outfits seized. The directors here promised to see that the exhibition is kept clean from such features in future.

LIVE STOCK EXHIBITS

While in some classes, the live stock exhibits were not as numerous as in former years, it is probable that the total number of entries was up to the standard. In the heavy horse sections of the principal exhibitors of Clydesdales were Robt. Ness & Sons, of Howick, Que., and Smith and Richardson of Columbus with a number of other smaller exhibitors. Ness captured first and championship in aged stallions with Sir Spencer, an animal which had captured the same honors at Sherbrooke, two weeks before. They also captured the first prize and reserve championship in the three year old class with Bowhill Baron, an animal which also had won at Sherbrooke. The judges were upwards of an hour in reaching the decision in this class as Smith & Richardson were strong contenders. The contest between these two animals was so close that other judges might have altered the decision.

Possibly the best Percherons shown at Ottawa were brought out by John Hawthorne, of Simcoe, who won all the principal prizes including the first and championship on stallions. The second prize also went to one of their animals.

Much interest was taken by the public in an exhibit of Belgian horses shown by Eugene Postmans & Sons of Antwerp, Belgium, and Quebec, Que. This type of horse is practically unknown in Canada. The animals shown by Mr. Postman were such excellent specimens that they won many friends for the breed.

LIGHT HORSES

There was a good exhibit of light horses. Mr. B. Rothwell, of Ottawa, won first on his Hackney stallion, and championship. Geo. Penner, of Toronto, showed a number of hunters. There were a number of other exhibitors.

BEEF CATTLE

As usual, the exhibits of beef cattle were not as strong as those in the dairy sections. In Shorthorns, all the principal prizes went to the firm of W. C. Edwards & Co. Other successful exhibitors were W. A. Wallace, Kars, Ont.; T. Seohie, Seohie, Ont.; and J. Graham, Mogrove, Ont.

In the Galloway class, Miss L. Galbraith, Ellesmere, Ont., captured 11 first and 7 second prizes. In the Hereford class, A. W. Hunter and Son, "The Maples," won 10 first prizes and 4 seconds, while A. E. Caulfield, Mount Forest, won 1 first, 2 seconds, 5 thirds and 1 fourth prize. Mr. John McLeod, Plainville, Ont., won 10 firsts and 4 seconds. Mr. A. G. H. Luxton of Ottawa won 2 firsts and 2 second prizes.

An account of the exhibits of dairy cattle is published elsewhere in this issue.

SHEEP

The exhibit of sheep was poor, both as regards the number of entries and the average quality of the stock shown. In some classes the judge refused to award prizes owing to the stock brought out, not being up to the requisite standard. The Ontario exhibitors brought out some excellent animals that helped to raise the standard. A few good Leicester and Oxford were shown, as well as some Cotswolds. The exhibitors of Oxford included Pierre Sylvestre, Bagot Co., Que.; G. E. Tuttle, Metcalfe, Ont.; and A. Weir Bros., Malvern, Ont.; and A. Dennis, St. Norbert, Que. Mr. J. H. Luxton, of Mount Forest, captured all the prizes in the Dorset Horn class.

Exhibitors of Shropshires included John Bedlow, Brockville, Ont.; W. H. Wallace, Kars, Ont.; Jos. Fletcher, Oxford, Ont.; A. Dennis and P. Sylvestre, Telfer Bros. of Paris and P. Sylvestre, divided the prizes in Suffolk and Hampshire Downs.

In the Leicesters Mr. A. N. Allen of Newark captured practically all the prizes. Messrs. Dennis and Sylvestre divided the prizes in Lincoln. The exhibit of hogs was strong, both as regards quality and number of entries. Several Toronto exhibitors were on hand. The Berkshire D. Douglas & Sons of Mitchell, W. W. Wallace, Kars; Geo. E. Tuttle of Metcalfe, J. Harvey of Froilighsburg, Que.; and John Bedlow, divided the prizes.

The successful exhibitors of Yorkshires were Jos. Featherstone & Sons, Streetsville, Ont.; A. H. Foster, of Twin Elm, Ont.; D. J. Thorpe, Glen Duell, Ont.; and Alex. Dynes of Ottawa, Ont. A considerable number of Chester Whites were brought out by Messrs. P. Alexander of Hawthorne, Ont.; Daniel de Coureux, Bonaham, Ont.; J. Harvey, Froilighsburg, Que.; and Louis H. Caldwell of Manotick. Tamworths were shown by D. Douglas & Sons, John Bedlow, J. Harvey and Alec. Dynes.

The prizes for the best pen of four pure-bred export bacon hogs was won by Douglas & Sons of Mitchell, Ont.; with A. H. Foster second; J. Harvey, third; D. J. Forth, fourth; A. H. Foster, fifth; J. Featherstone & Sons, sixth; and Alec. Dynes, seventh.

Asked to Let Tariff Alone

Speaking for the Canadian Manufacturers' Association, R. J. Younge, Montreal, in an address, at Regina last week, dealing with the tariff, pleaded with his audience to let the tariff alone. Under present conditions Canada thrived as never before. No one was really suffering through the tariff. Therefore, he cautioned, go carefully about altering it. Differences between the manufacturer and farmer, he said were only on the surface. All were really united for the last interests of Canada. At heart all were protectionists because any study of actual conditions would show that some tariff was necessary if industries of all kinds, including farming, are to be developed in this country.

Wm. Martin, M.P., speaking to the manufacturers said that if Canadian manufacturers pushed their goods as much as did the United States manufacturers they would have no complaints of the West preferring American products. Canadian goods always got preference if the price was equal. From his point of view, favored United States manufacturers. The Canadian Manufacturers' Association, he said, should study the question whether or not railways secured the benefit of tariff protection, according Canadian manufacturers through high freight rates.

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