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are built enormously strong in the vital parts. There has never been an accident with a "SIMPLEX" bowl. An explosion in an impossibility.

Owing to the **LINK-BLADE** separating device the "SIMPLEX" bowl does not require as high a speed as other separators in order to separate thoroughly. This not only causes the "SIMPLEX" Separator to turn easier than other makes but does away entirely with the danger of accident to the bowl.

Other makes of separators have to run at a high speed to separate cleanly. Their bowls are not self balancing and there is always the danger of an accident.

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A Young Ayrshire Breeder

An Ayrshire breeder who, although still considerably less than 30 years of age, has already exhibited successfully at the Toronto and Ottawa exhibitions and who is likely to do so again, is P. D. McArthur, of North Georgetown, Ont. Like a good many other well known breeders, Mr. McArthur got started showing at the fall fairs and in breeding cattle while he was only a youngster.

When a mere boy he went to an auction sale. In the stable he noticed a cow of good conformation and which, although she had been milking for some time, still had a large udder. He put a good price on her and got her. The gross income he received from her from the first of June to the 17th of the following March was \$130.35. Her feed cost for the year was about \$50. This encouraged him. About 15 years ago being then only a boy, he persuaded his mother to let him purchase a pure bred bull. He got a good one and soon had some good grade cows. About five years ago he decided to make another step and purchased a pure bred yearling Ayrshire heifer from his near neighbor, the noted Ayrshire breeder, Mr. R. R. Ness, of Howick. Mr. Ness is always ready to help his neighbors, especially new beginners, and he helped Mr. McArthur to secure a good heifer. This gave Mr. McArthur his first start in breeding pure breeds.

"Since then," said Mr. McArthur, to one of the editors of Farm and Dairy, who visited his farm, "if I have seen a good pure bred animal that has suited me if I found that I could afford it, I have bought it. When buying animals I make sure first that they are good milk producers after which I endeavor to secure all the quality and truthness to type possible."

Two years ago Mr. McArthur purchased an imported bull through Mr. Ness. Last fall he exhibited at the Toronto and Ottawa exhibitions for the first time. At Toronto his two-year-old bull won first prize and near by last Mr. Ness' noted aged bull for the best bull of the year. He won fifth prize on his calf and fourth prize on a spring bull calf from his old bull. At Ottawa he won second on his bull—some breeders thought that he should have got first—first on a dry cow not shown at Toronto and second on a Canadian bred cow. Mr. McArthur is a member of the Canadian Ayrshire Breeders' Association. With the start he has now got it should be only a few years before he will be in the forefront of Canada's leading Ayrshire breeders.

Cobourg Horse Show

The attendance and interest at the Cobourg Horse Show last week were phenomenal. That it was a great show was the unanimous verdict. Fair wear and a record entry list contributed much to the success of the best show that Cobourg has yet known. Amongst the new exhibitors were the Hon. Clifford Sifton, Ottawa, who was present; Mr. Cromarty, Galt; Mrs. Shoemaker, Toronto; Hon. J. R. Stratton, Peterboro; Sir Henry Pellatt, Aemilus Jarvis, Toronto; and many others. Miss Wilks, Galt; Crow & Murray, Toronto; Hon. Senator Beith, Bowmanville, and Chas. Wilmot, Belleville, again made large exhibits. Besides these were Cobourg's own and the Counties' fine showing of horses.

The agricultural and draught classes were excellent. The hackney class brought together as good an exhibition as was ever seen in America. No matter how good of what are probably the best hackney stallions in America were at the Show. Five hunt teams, pacers, unicorns, and carriage pairs were numerous. The difficulty was that each afternoon was crowded with interesting events and

it would seem that a five day's show would be necessary another year instead of four as has been. The judges were: J. J. Dixon, Toronto; Dr. J. H. Reed, V.S.; Guelph; Col. Lewis, Ottawa; Dr. C. J. Alway, Montreal; J. M. Gardhouse, Weston; Dr. Routledge, Lambeth; Major Quinn, Brantford. Special features of the show were the presence of the Royal Canadian Dragoons and the 48th Highlanders' Band, the Dragoons giving their celebrated musical ride. Evening concerts given by the Highlanders' Band were very popular, Donogon Park where the fair was held, being illuminated for this.

THE AWARDS

Some of the awards were as follows: Draught or agricultural classes, brood mare with foal, 1, John Brenton, Bethel Grove; 2 and 3, Henry McLaren, Cobourg.

J. B. McGill's special for best foal of 1909, sired by registered Parkdale, West Northumberland, 1 and 4, Henry McLaren; 2, John Brenton; 3, W. R. Morton, Port Hope. Sam Clark's special for best mare for breeding purposes sired by Clydeade, Shire or Percheron stallion, open to West Northumberland and South Monaghan, 1 and 2, D. H. Taylor, Centreton; 3, John Brenton; 4, Jas. Foster.

Open combination class for best saddle and harness horse: 1, Hon. J. R. Stratton; 2, Mrs. W. H. Shoemaker; 3, Miss K. L. Wilks.

Harness pairs, 1, 2 and under: 1, Hon. J. R. Stratton; 2, Crowe & Murray; 3, Percy Clarke, Cobourg. The Covert Cup given by Robert F. Massie for the best roadster foaled in the united counties of Northumberland and Durham was won by W. L. Thompson, Port Hope. There were 16 entries and the competition was keen.

The Henderson cup, presented by the ladies of Louisville, Ky., in honor of Miss Henderson, who was instrumental in organizing Cobourg's first summer Horse Show, was won by Mrs. J. R. Stratton.

The Counties Council prize for best team in Durham was awarded as follows: 1, C. J. Lewis, Charlotte; 2, Leonard N. Smith, Millbrook; 3, Wm. Hassard, Port Hope.

Best farm team in Northumberland west: 1, D. H. Taylor, Centreton; 2, James Foster, Wicklow; 3, Henry McLaren, Cobourg.

The special given by the Adams Wagon Company, Brantford, of a farm wagon for the best agricultural team went to D. H. Taylor, Centreton, who also won first on draught pairs in harness.

Items of Interest

The Fairs and Exhibitions Department have arranged for meetings of the directors of the Vegetable Growers' Association on Sept. 7th, in the departmental tent on the grounds of the Industrial Exhibition, Toronto. The officers and directors of the Fairs and Exhibitions Association will also meet on Sept. 8th in the same place; and the Horticultural officers and directors in the same place on Sept. 9th.

A disease suspiciously like cholera has been discovered among the hogs around Ottawa. Forty-three animals have been destroyed by order of Dr. Rutherford, Chief Dominion Veterinarian and five other herds are under quarantine. Dr. Rutherford attributes the outbreak to the practice of feeding hogs about Ottawa on garbage, gathered in the city, and thinks the disease may have originated from Ottawa hogs being fed scraps of American pork.

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Vol. XXVII

Good profits are

SOUND adv

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The account is

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52 birds weigh

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