

## Jersey and Guernsey Classes at Ottawa

The competition in the Jersey classes at Ottawa was stronger this year than usual. In spite of the fact that their herd was divided, part of it being shown at London, B. H. Bull & Son, of Brampton, carried off most of the awards. Their animals on the whole were true to the show-yard form, making it difficult for the judge, F. L. Green, of Greenwood, Ont., to pass over them.

A strong contender in a number of the classes was J. H. Cowson & Son of Queensville, Ont., who has a herd to be proud of. His animals were a little plainer than those shown by Bull & Son, but were grand large animals, showing every indication of being producers, and a type of Jersey that the breed needs more of if large records are to become more general. Lack of space makes it impossible for us to give a detailed description as we would like to do. The awards were as follows:

Bull, three years old and up; 1, B. H. Bull & Son; 2, Cowson & Son; 3, H. Martin; 4, J. B. Cowson & Son, Queensville; 5, B. H. Bull & Son; 6, Edwards and Alexander.

Bull, two years old; 1, B. H. Bull & Son; 2, B. Cowson & Son; 3, W. H. Martin; 4, B. H. Bull & Son; 5, J. B. Cowson & Son; 6, Edwards and Alexander.

Bull, one year old; 1 and 2, B. H. Bull & Son; 3, W. H. Martin; 4, Edwards and Alexander; 5, J. B. Cowson & Son; 6, Edwards and Alexander.

Bull calf over six months and under 12; 1 and 2, B. H. Bull & Son; 3, J. B. Cowson & Son; 4 and 5, Edwards and Alexander.

Bull calf over six months; 1, B. H. Bull & Son; 2, Edwards and Alexander; 3, W. H. Martin; 4, any age (diploma); B. H. Bull & Son.

Cow, four years old and up; 1, 2, 3 and 4, B. H. Bull & Son.

Cow, three years old; 1, 3, 4 and 5, B. H. Bull & Son; 2, W. H. Martin.

Heifer, two years old; 1 and 2, B. H. Bull & Son; 3, W. H. Martin; 4, J. B. Cowson & Son.

Heifer calf, one year old; 1 and 2, B. H. Bull & Son; 3, W. H. Martin.

Heifer calf over six months and under 12; 1, Edwards and Alexander; 2, J. B. Cowson & Son; 3, B. H. Bull & Son.

Heifer calf over six months; 1, B. H. Bull & Son; 2, W. H. Martin; 3, J. B. Cowson & Son.

Female, any age (diploma); B. H. Bull & Son.

Bred (diploma); B. H. Bull & Son.

GUERNSEYS

Guy Carr, Compton Station, Que., was the only exhibitor in this class, and captured all the awards.

FRENCH CANTARANS

Three exhibitors pretty well divided the awards in this class. They were Arsene Denis, St. Norbert, Que.; Paul Sylvestre, Clairvaux de Bagot, Que.; and Joseph Colombe, St. Norbert, Que.

**A Farm Dairy Fully Equipped**

(Continued from page 11)

made them universally known. The bowl in the De Laval separator is centre balanced, and the gearing and bearing throughout are automatically oiled while running.

Every separator, no matter what size or style, can be furnished with power attachments, as shown on page 11, for driving by electric motor, gas engine or animal power. This entire little dairy, fully equipped, was a liberal education to every farmer who aims to use in his dairy the equipment that will help him earn the largest returns from his herd.

**Hydro Electric Power**

THROUGH an arrangement with the Hydro Electric Power Commission of Ontario, power and motors were supplied to the "model barn," so that every piece of machinery could be seen in operation. At the same time it gave the hundreds of visiting farmers the opportunity of seeing how well electric energy can be adapted on farms of all kinds and sizes. Fortunately the farmer near whom their power lines pass. In this

coming few years, it will revolutionize many of the operations in farm work that are now so laborious and bring to the farmer all of the conveniences that are now only obtainable in the town and cities—thereby holding the young people on our farms by making them more comfortable and convenient.

The power equipment installed consisted of a 5 H.P. motor, driving a counter shaft, to which was belted a threshing machine, an ensilage cutter, a root pulper, a milking machine, etc. In the dairy a half-horse-power motor was belted to the line, shafting from which was driven cream separator, churn and butter worker.

The stable, barn and dairy were all lighted by tungsten lamps of the latest type, controlled by switches at convenient locations. The installation having been made in conduit in accordance with the latest rules of the Hydro Electric Power Company.

Much more labor-saving machinery might have been used, but the installation was unique and complete for the purpose intended to show the application of Hydro Electric power to farm uses.

Among the thousands of exhibits at Toronto this year the one of the "Model Barn" and its equipment must be accorded first place in practical instructiveness. The only regret is that circumstances of the present year prevented a larger number of Ontario farmers from visiting it. But another year is coming.



FOR SALE—Iron Pipe, Pulleys, Belting, Churn, Wire Fencing, Iron Posts, etc., all sizes, very cheap. Send for list, stating what you want.—The Imperial Waste and Steel Co., Dept. F. D., Queen Street, Montreal.

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Lowest prices on record. Genuine Asphalt Felt Roofing 100 per cent. saturation, contains no tar or paper. In full rolls of 100 square feet with nails and cement. **79 Cents** Roll 100 Sq. Ft.

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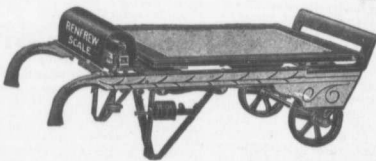
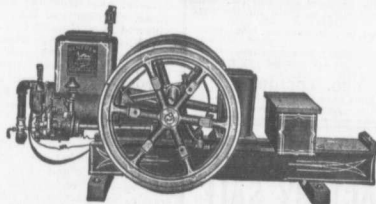
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## Renfrew Standard—3 Winners

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The 1915 Model Standard marks the latest radical advance in cream construction. The one frame now accommodates all sizes of bowls. In future, instead of buying an entire new machine when you require a larger size, all you need to do is to exchange for larger size bowl and fittings. Another advantage of this interchangeable capacity feature is that the frame and working parts are strong, rugged, and powerful enough

to drive a 1,000 lbs. bowl—the largest size. Think of the tremendous margin of safety this means on the basis from 350 to 800 lbs. Also bear in mind that every Standard has sufficient over-capacity to skim from 100 to 300 lbs. an hour faster than rated capacity and still do the work equally well as other separators. There are other new features, too. Get our separator catalog which gives full particulars.



**The Renfrew Machinery Co., Ltd., Renfrew, Ont.**

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