

Professor H. H. Dean Prepares a Course On "Dairying"

HERE is a Course of Education that will appeal to every progressive farmer. It is the experience and knowledge of the most successful dairymen in various parts of the world put into such a clear and simple form that it may be readily understood and applied with profit by Canadian farmers.

This course is the crowning achievement of Professor Dean's life—the result of twenty-two years' experience as a teacher, scientific investigator and practical dairyman. Prof. Dean is one of the most eminent dairy professors in the world, being professor of dairying at Ontario Agricultural College, Guelph.

World's Leading Dairy Farms Visited

Much of the material for the course was gathered from visits to the leading dairy farms of the world in England, Scotland, Holland, and the islands of Guernsey and Jersey. There is but one other way to obtain this information. That is, to go abroad yourself and visit these model dairy farms. It would be well worth your while, too, but it would cost you a thousand dollars or more.

Among other things, this course explains the marvellously efficient methods pursued by the "Model Farm" of North Holland where the finest Holsteins are kept.

Two Breeding Systems

This course on "Dairying" also tells about two widely different, yet successful, systems of breeding for milk-producing cows as followed on two Guernsey farms for over forty years. Canadian dairymen should certainly have this information.

But to go into full particulars about this course is impossible in this space. To state the matter briefly, it covers almost everything from the origin and development of dairy cattle and the various breeds to modern dairy stock management. The subjects of "Feeding" and "Breeding" are alone worth many dollars to the man who will apply what he learns.

5-Year Subscriptions Free

The Course aims to meet two classes of readers: *First*—Those who are interested in dairying, but who do not care to answer the examination questions. *Second*—Those who will write on the examination questions at the close of the course. Five year subscriptions to "Canadian Farm" will be given free to the subscriber residing in the Maritime Provinces who makes the highest marks, to the one residing in Ontario and Quebec, and to the one residing in the Western Provinces. You have as good a chance as anyone to win a five years' subscription.

This course is a gift that the Publishers of "Canadian Farm" are making to their subscribers. It cost considerable, more than you imagine, to secure the rights to print this notable series of articles in "Canadian Farm." It is the biggest thing that any agricultural publication has ever pulled off.

Each week for ten weeks, this series of articles will be continued in "Canadian Farm." Each article will be well illustrated and intensely interesting.

Can You Answer These?

Just as an experiment see if you can answer the following questions. Then you will have some idea as to whether there is anything in the course for you.

1. What is the general outlook for immediate improvement in dairy cattle in Canada?
2. What are the three main theories relating to origin of species?
3. What is the limit of milk production in a dairy cow?
4. What are the strong and weak points of the Ayrshire breed? The Jersey? The Holstein?
5. What is the reason for the high percentage of butter fat in Jersey milk?
6. What is the "superior principle" in breeding? (This principle is more important than heredity.)
7. Why is it impossible to look out for "sports" and "mutants" among cows? How would you discover them, there being no noticeable difference in appearance?
8. What is Nutritive Ratio? Why is it important in the selection of dairy cow-purchases? What are the German, American and O.A.C. Tables of Nutritive Ratio?
9. What is a correct balanced ration for a cow giving 20 lbs. of milk daily?
10. What do the terms "Record of Performance" and "Record of Merit" mean as applied to dairy cattle?
11. What is one satisfactory system of ventilating a dairy?

You will be able to answer these questions and scores of others when you've completed the course—read the series of articles faithfully. Just think how largely you will increase your knowledge. Knowledge is power—power to make larger profits.

Mail the Coupon

Fill in coupon below. Enclose with it 25c. for a three months' subscription, or \$1 for a year's subscription. You will receive the entire series of articles in the three months' subscription.

Other notable articles of interest to progressive farmers will also appear in "Canadian Farm" during the next twelve months. After you've read a couple of issues of this bright, newsy, informative publication you'll quickly decide to take it permanently.

But the main thing is to send the coupon in right now, so as to get the "Dairying Course" right from the start. Address the envelope to

"CANADIAN FARM"

12 East Wellington Street - Toronto, Ontario
Western Office—1745 Scarth Street, Regina, Sask.

Enclosed please find (state whether 25c. or \$1.00 is enclosed) for (state whether for three months or one year) subscription to "Canadian Farm," including Professor H. H. Dean's Course on "Dairying."

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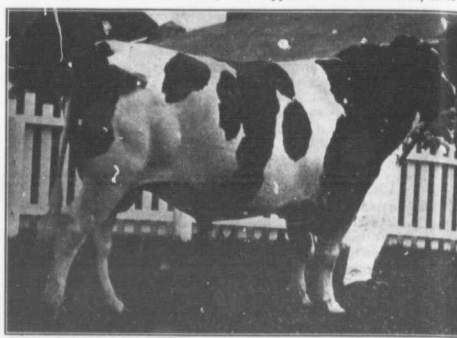
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AN UNUSUAL STUDY IN CHAMPION BULLS

Probably not in years have breeders of dairy cattle and onlookers at two great shows had as much reason to be completely mystified in regard to what is the desirable type of show bull as applies to the Holstein bulls shown at the Toronto and Ottawa Exhibitions this fall. Herewith we present four illustrations showing

Prince Hengerveldt Pietje, from the Avondale Stock Farm, owned by Mr. A. C. Hardy, Brockville, Ont. This bull has a wonderful front. Note his head and neck, his general style and carriage. The illustration shows him, as he is, of wonderful length. He is deeper and of greater substance than appears in the illustration, since



No. 1—Grand Champion Holstein Male, at the Canadian National Exhibition, 1912

The bull here shown is Mercena Vale, first at Toronto, 1912, in the class for Holstein bulls, three years and over, and grand champion Holstein male. This bull was bred by James Bettle, Norwich, Ont. He has been in use in the herd of Logan Bros., of Nova Scotia, and is now owned and exhibited by the Colony Farm, Coquitlam, B.C. The conformation of this bull is about as near right as is generally seen in the show ring.—Photo by an editor of Farm and Dairy.

four noteworthy individuals that figured in the winnings at these exhibitions this year.

Bull No. 1, "Mercena Vale," is the first prize and grand champion bull at Toronto. He was exhibited by the Colony Farm of Coquitlam, B.C. As a show bull he is probably in his right place at the head of this bunch of four. The judge at Ottawa, where he was placed second, considered him to be lacking in bloom. As may be seen from the illustration, he is low down, a bull of great depth, straight in his lines, evenly proportioned, and has an attractive carriage and a pleasing head and neck, such as is in every way becoming to a dairy bull. It gives him the appearance of and indicates prepotency.

Cut No. 3 shows what is probably one of the best bred bulls in Canada,

his extraordinary length gives the appearance of lack of depth. Not is years have we seen a bull that would so suggest to one by virtue of his masculine bearing and his appearance the fact of possessing the invaluable qualities of prepotency as is pictured in this bull. This bull was second to Mercena Vale at Toronto. At the Dominion Exhibition in Ottawa, he was made champion over the British Columbia bull.

Cut No. 3 shows the bull, Homestead Aberkerk Prince, owned, and exhibited at the Ottawa Exhibition, by A. L. Stackhouse, of Kinburn, Ont. This bull is an excellent individual. Alongside of his peers, however, illustrated as Nos. 1 and 2, we could not see how a judge would prefer him for a champion! Age, of course, must be considered, but as there is a lack of sufficient masculine



No. 2—Senior Champion Bull, Dominion Exhibition, Ottawa, 1912

Note the general style and carriage of this bull. There is something about his head and expression that leads one to presume him to be a very prepotent animal—that is, he appears to possess the quality of passing on to his offspring his own characteristics. The illustration, because of the bull being stretched, does not do him justice, and because of his great neck and crest development, he appears to be low in the back. It was first in the aged class at Dominion Exhibition, Ottawa, this year, and at Toronto, his leader at Toronto taking 2nd place to him at Ottawa. Owned and exhibited by A. C. Hardy, Avondale Farm, Brockville, Ont.

bearing and appearance, as shown in the illustration, rather long and deep, too much of which to see in a cow. Holsteins will find this a good example, from a Holstein matter of the quarters of this present him in his life, there are



No. 3—The G.

Homestead Aberkerk Prince, owned, and exhibited at the Ottawa Exhibition, by A. L. Stackhouse, of Kinburn, Ont. This bull is an excellent individual.

constitution, that would not be favorable for two bulls came in for consideration as to which one he might be favored.

Cut No. 4 shows the bull, Homestead Aberkerk Prince, owned, and exhibited at the Ottawa Exhibition, by A. L. Stackhouse, of Kinburn, Ont. This bull is an excellent individual.

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