

# What Do You Know

ABOUT

## CREAM SEPARATORS?

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### Hot Shot From Mr. McKee

Editor, Farm and Dairy.—I notice in Farm and Dairy of August 31 that my friend, Mr. Platt, makes another attempt to knock the Ayrshire bossie. When I wrote my last letter I intended it should be my last contribution to this breed controversy. I find, however, that Mr. Platt makes such grossly incorrect statements regarding the experiments that have been conducted at the Ontario Agricultural College, "our highest authority," that I feel it incumbent that I should give the facts as they appear in the Annual Reports for 1909 and 1910. I am afraid that Mr. Platt has not read the reports, but "has been informed" regarding these matters. Mr. Platt states that 10 registered Holsteins and five registered Ayrshires were tested for the year 1910 and that the Holsteins made an average yield of 10,434 lbs. of milk and the Ayrshires an average of 5,882 lbs. The facts as they appear on page 134 under the heading "Summary of Herd Record," are as follows:

Breed.	No. cows.	Ave. No. of milkings.	Ave. lbs. milk.	Ave. lbs. fat.	Ave. lbs. of feed.	Ave. cost of feed.
1910—						
Holstein .....	12	375	9,965	299.77	\$74.94	\$49.61
Ayrshire .....	11	338	6,388	241.61	60.25	34.66
1909—						
Holstein .....	16	306	9,468	335.09	81.21	46.84
Ayrshire .....	6	306	7,798	321.65	80.45	42.49

A very interesting series of experiments have been conducted at the O.A.C., starting three years ago, with the object of ascertaining the amount of casein and fat in the milk of nine breeds. "The nine cows selected were as nearly representative of their breeds as could be obtained from the herd." The average results during the past two years have been as follows, the figures given for 1910, however, being for only nine months. As this "serap" is confined to the Holsteins and Ayrshires I will give only the figures for these two breeds:

1910 Report, page 116 (9 months)—	Lbs. fat.	Lbs. casein p.c.
Holsteins ... 219.33	632.47	5.65
Ayrshires ... 8.990	329.19	631.80

1910 Report, page 116 (9 months)—	Lbs. fat.	Lbs. casein p.c.
Holsteins ... 5.296	182.31	111.41
Ayrshires ... 6.946	240.57	150.29

I am afraid that whoever "informed" Mr. Platt that the Holsteins at the college averaged 100 lbs. per year more butter fat than the Ayrshires must have been drawing very strongly on his imagination. In conclusion, I would suggest that Mr. Platt put on his own glasses and read the O.A.C. reports before he begins to quote figures from them that are not there. I hope he will not begin that I have been "giving milk card-rives" this time.—John McKee, Oxford Co., Ont.

### Notes from Nova Scotia

Prof. M. Cumming, Truro, N.S. The season of 1911 has been considerably drier in Nova Scotia than the preceding ones. As a result, the hay crop will be about 75 per cent of that of 1910 and other crops, although not so much inferior as hay will be considerably below the standard of 1910. Apples, however, will be four or five times as heavy a crop as that of 1910, and the quality promises to be the very best ever produced in the history of the province. Should the present dry conditions continue, the estimated returns will be reduced, but we had one good day's rain recently, and the indications are for more, so I do not think we may reasonably look for a fairly successful year.

The strong trend of farming in Nova Scotia is toward more dairying in the general sections of the province, and more fruit growing in the so-called fruit counties. In line with

these more special trends, farmers are taking decidedly more interest in their work, and everything points toward marked progress in the near future.

### Rank of Lumber Provinces 1910

The total lumber cut in the Dominion of Canada for 1910 has just been compiled by the Forestry Branch. Reports were received from 2,763 firms operating sawmills, which is nearly 700 more than reported last year. Thus the 1910 report is a better estimate of the actual lumber production than ever before. Nearly five billion feet of lumber were cut during 1910, throughout the nine provinces of Canada, which represents a total value to the country of 77.5 million dollars. This is about 15 million dollars more than the value of the 1908 lumber cut.

Ontario, as in former years, holds the premier position as a lumber province. Its forests are made up of diversified species, which enabled it to produce one-third of the lumber

Province	Ave. No. of mills	Ave. No. of employees	Ave. Value of lumber cut in \$1,000,000	Ave. Value of mill products in \$1,000,000
Ontario	1,000	100,000	25,000	15,000
Quebec	1,000	100,000	20,000	12,000
British Columbia	1,000	100,000	15,000	8,000
Alberta	1,000	100,000	10,000	5,000
Saskatchewan	1,000	100,000	5,000	2,000
Manitoba	1,000	100,000	3,000	1,000
Princed George	1,000	100,000	2,000	1,000
Atlantic Provinces	1,000	100,000	1,000	500

for the Dominion. British Columbia, however, will soon take Ontario's place, from predictions made on the 1910 report. In 1909, the Western province produced a trifle over half as much lumber as was cut in Ontario, while for last year the amounts returned from the two provinces were practically the same.

Although one-quarter more lumber was cut in Quebec in 1910 than in the year previous, the increase was not sufficient to maintain it in second place of importance, which position was usurped by British Columbia. The remaining provinces—New Brunswick, Nova Scotia, Saskatchewan, Alberta, Manitoba and Prince Edward Island lumber in the order of importance given, but together supply only one-sixth of the amount for Canada.

### Will you Assist us, Too?

Editor, Farm and Dairy.—In response to your appeal for the assistance of your readers in extending the circulation of Farm and Dairy I will do the best I can, not for the sake of earning a premium, but because I think Farm and Dairy most worthy of a far greater circulation. With the exception of one year we have taken Farm and Dairy every year since our arrival in this country and we prize it very much. During the past year, which brought the greatest joy of my life, I found much comfort as help in the "Upward Look" column.

For your efforts on behalf of F. & D. Farm and Dairy deserves the respect of all farmers. We are not saying it as yet, but will do so, when, as soon as the present contract with mail carriers expires, we intend to insert outside advertisements, which I notice other farm papers publish. For your courtesy in giving information in your paper on any subject, which I have asked for, you deserve advertisement guarantee and great features of your paper, Farm and Dairy deserves a far wider circulation and I will endeavor to secure "Subscriber," Lincoln Co., Ont.

A spray pump can be produced used to apply white wash on the porch of stables. The carrying veterinarian's bill will in some cases pay for the trouble of applying wash.—R. W. Ward, Peterboro Co., Ont.

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Vol. XXX

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