

THE PROFIT FROM A COW.

Work of Danish Control Societies in Determining Actual Value.

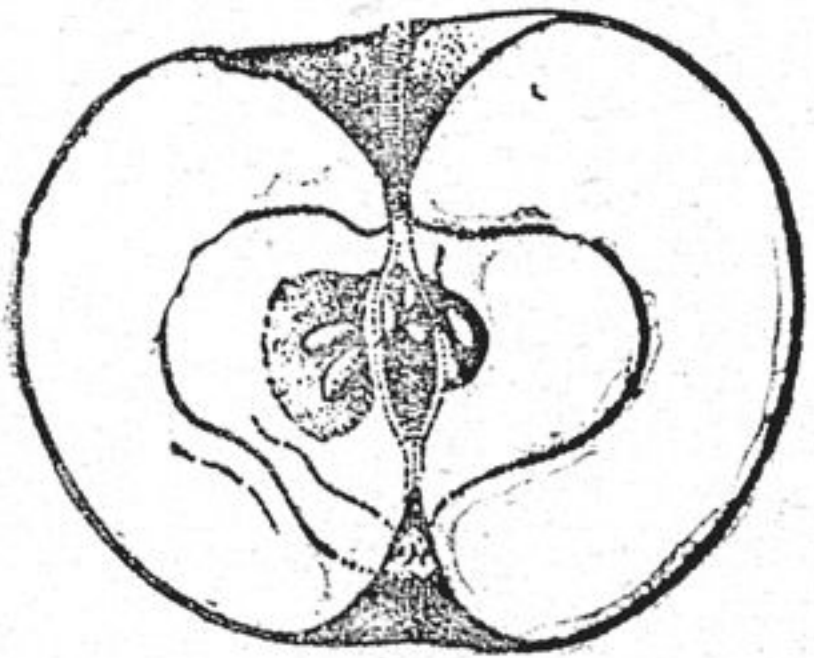
It is recognized that the profit from a cow depends on three factors (1), the milk yield; (2), the percentage of butterfat in the milk, and (3), the fodder consumed. Thus, to take an example from a report of one of the Danish milk-testing or control societies, two cows produced respectively in 1900 (A) 10,267 pounds of milk and (B) 10,653 pounds; the difference in quantity was not great, and both cows might have been regarded as fairly equal. The tests showed, however, that the average fat content in the case of (A) was 2.75 per cent, and in the case of (B) 3.56 per cent, giving a difference in the butter produced in the course of the year of 112 pounds, while in addition the cow (A) had consumed considerable more fodder than the other. It was to reveal such cases as this and to enable the Danish farmer effectively to control the milk production of his cows that the first of these societies was started in 1895 at Vejen.

Briefly, the method adopted was to employ a young man possessing the necessary experience in milk testing to visit each of the dairies belonging to the society once in fourteen days to test, by means of the Gerber apparatus, the milk of each cow, and to enter up in books kept for the purpose, particulars as to the amount of fodder consumed, the milk produced, the fat and butter yield, and the changes in the live weight of each animal. The success which attended the establishment of the first society at Vejen soon led to a great extension of the system in Denmark, and in 1902 there were 308 societies, with 3,780 members, possessing 136,800 cows. In 1904, the number of societies had increased to 340. The movement spread also to the neighboring countries, and there were reported to be 204 societies in Sweden, 120 in Norway, 40 in Finland and 50 in Germany. In Denmark the societies receive a state grant, amounting in 1902-3 to £2,900, of which one society received £27, five societies £18 each, and 302 societies £9 each.

These control societies are described as small co-operative bodies in which the farmers in a limited area, such as a parish, have combined in order to share the expense of testing their cows, the object, as stated in the rules, being to form a race of cows giving the highest possible production of butter. The number of members is usually limited to twelve or thirteen, having altogether 300 to 400 cows, and no member can withdraw in less than five years, except in consequence of removal. Three of the members form a committee, one of whom acts as treasurer. An assistant is engaged, who visits the members at regular intervals (usually once a fortnight), and remains on the farm for a day. His duties are to superintend the milking and give any necessary instructions to the milkers, to weigh the milk of each cow, to take and test an average sample, to prescribe a proper system of feeding, and to enter up in the books the results of the control. To carry out these duties it is necessary that the assistant should have received a sound practical and theoretical education. The most suitable persons are usually farmers' sons who have had practical experience of the fathers' farms, and afterwards by attending an agricultural school, acquired the elements of agricultural science. Special courses are held for persons intending to take up the position of control assistants, in which instruction as given in the special knowledge required, i.e., systems of feeding, milk sampling and testing, bookkeeping, etc. It is obviously important that the assistants should be capable and trustworthy men; but as the position is regarded as an excellent training ground for young men intending to become agricultural officials, inspectors, etc., or farmers on their own account, the salary is usually small—about £23, with board and lodging. The outfit required for the work consists of a modern milk testing apparatus, the size ordinarily used being for twenty-four tests, with the necessary test tubes, sample bottles, etc., and a steelyard for weighing milk, the whole being packed in a box for transport. The cost is about £12, and this, together with all books required, is supplied by the society.

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The Barringer is a bright red apple, underlain with yellow, of splendid appearance and unusual quality. It has a long, slender stem, but some specimens have a tendency to produce a lip at the stem end, in which case the stem



BARRINGER APPLE.

is somewhat shortened, as shown in the illustration. This apple was produced in Columbia County, N.Y., where it is locally known by the following names: Pride of the Hudson, Coon and Barringer. It has many good points and characteristics to commend it as a splendid commercial variety for early winter use.—American Agriculturist.

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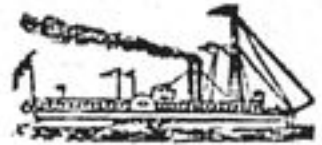
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June 1st until Sept. 30th, inclusive.

Read down.	Read up.
a. m.	p. m.
Lv 6.15	3.10 Bobcaygeon Ar 1.15
Lv 7.15	4.10 Sturgeon Pt. Lv 12.10
Ar 8.40	5.30 Lindsay Lv 11.00 a.m.

During June, July, Aug. and Sept., Saturday's boat will await arrival of G. T. R. and C. P. R. evening trains from Toronto, and G. T. R. evening train from Port Hope. Meals served on board.

Connects at Sturgeon Point with steamer Manita for Bobcaygeon and intermediate points on Mondays, Wednesdays, Saturdays

Lindsay, Fenelon Falls, Cobocok. "MANITA," June 19 to Sept.—(Mondays, Wednesdays and Saturdays.)

Read down.	Read up.
Lv 8.30 a. m.	Lindsay Ar 6.00 p. m.
" 9.30 " Sturgeon Point	" 4.50 " "
Ar 10.00 " Fenelon Falls	Lv 4.20 " "
Lv 10.45 " "	Ar 3.40 " "
" 11.25 " Rosedale Lock	" 3.00 " "
Ar 12.25 p. m.	Cobocok Lv 2.00 "

On Tuesdays, Thursdays and Fridays this boat is open for special charter.

Bobcaygeon, Chemong, Burleigh. "OGEMAH" June 19th to Sept.—

Read down.	Read up.
Lv 7.00 a. m.	Bobcaygeon Ar 7.45 p. m.
" 9.30 " Chemong Pk	Ar 4.30 lv 5 "
" 11.30 " Buckhorn	Ar 2.15 "
Ar 12.30 p. m.	Burleigh Falls Lv 1.00 "

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—OF THE—
County of Victoria.

The next sittings of the above Court will be held in Twomey's hall, Fenelon Falls

ON MONDAY, OCTOBER 9th, 1905,

commencing at 1 o'clock in the afternoon. Thursday, Sept. 28th, will be the last day of service on defendants residing in this county. Defendants living in other counties must be served on or before Saturday, Sept. 23rd.

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Fenelon Falls, July 12th, 1905.

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J. T. THOMPSON JR., Sec.

O. L. No. 996. MEET IN THE ORANGE
Hall on Francis-St. West on the second Tuesday in every month.

LEWIS DEYMAN, W. M.
S. D. BARR, Rec.-Sec.

EMPIRE LOYAL TRUE BLUE LODGE
No. 198, meets first Friday of each month in Orange hall. Visiting brethren always welcome.
THOS. JOHNSTON, W. M.
WM. BRANDON, Rec. Sec.

INDEPENDENT ORDER OF FORESTERS
Court Phoenix No. 182. Meet on the last Monday of each month, in the True Blue hall in McArthur's Block.
D. GOULD, Chief Ranger.
THOS. AUSTIN, R. S.

CANADIAN ORDER OF FORESTERS,
Fenelon Falls Lodge No. 626. Meets in the Orange Hall on Francis street west on the last Thursday of each month.
F. SMITHERAM, Chief Ranger,
W. D. STACY, Sec.

CANADIAN HOME CIRCLES. FENE
LON Falls Circle No. 127, meets in the True Blue hall in McArthur's Block the first Wednesday in every month.
P. C. BURGESS, Leader.
R. B. SYLVESTER, Secretary.

A. F. AND A. M., G. R. C. THE SPRY
Lodge No. 406. Meets on the first Wednesday of each month, on or before the full of the moon, in the lodge room in Cunningham's Block.
W. H. ROBSON, W. M.
E. FITZGERALD, Secretary.

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Street—Rev. R. C. H. Sinclair, Pastor. Services every Sunday at 10.30 a. m. and 7 p. m. Sunday School every Sunday at 2.30 p. m. Christian Endeavor meeting every Tuesday at 8 p. m. Prayer meeting every Thursday at 7.30 p. m.

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ST. JAMES' CHURCH, BOND ST. EAST,
Rev. A. S. Dickinson, Rector. Sunday service: Matins 10.30 a. m.; evensong at 7 p. m. Celebration of Holy Communion first Sunday of every month at 10.30 a. m. and third Sunday of every month at 8 a. m. Sunday School 2.30 p. m. Thursday every week as follows: Catechising of children at 7 p. m., evensong at 7.30 p. m., choir practice at 8.15 p. m.

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4. If a subscriber orders his paper to be stopped at a certain time and the publisher continues to send it, the subscriber is bound to pay for it if he takes it from the post-office. This proceeds upon the ground that a man must pay for what he uses.
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