

# EDUCATION

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**G. C. CREELMAN, B.S.A., LL.D.**  
President

### The Feeders' Corner

The Feeders' Corner is for the use of our subscribers. Any interested are invited to ask questions, or send items of interest. All questions will receive prompt attention.

#### Why Skim Milk is Valued

Jas. Stewart, Northumberland Co., Ont.

We have gotten more out of the calves that are dropped in our purebred Ayrshire herd than out of the cream that we sell. Can we then afford to sell our skim milk? When a dairyman has pure bred stock that will bring a high price, his calves are of far too much importance to sell the whole milk and rob them of the skim milk.

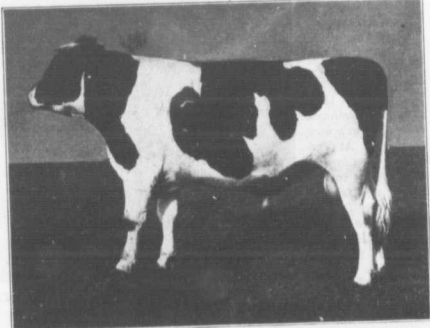
We have found that in feeding a calf skim milk, the grain that is fed

fat, the two latter are produced very easily and cheaply on the farm as compared with the first, the protein, is an expensive feeding substance and the one that deserves first consideration from us dairymen when we buy feed. Readers will note from the analysis that I have given that cotton seed meal has three times as much protein in it as has bran; but it doesn't cost twice as much. Similarly, linseed meal has over twice as much protein as bran, and gluten meal has twice as much also.

We should not let the price of these highly nutritive foods stagger us. I believe that the high priced feeds are the cheapest that we can buy to-day for our dairy cows.

#### Talk on Calf Raising

Wm. Kaufman, Oxford Co., Ont.  
My methods of calf raising are quite simple. We let the calf suck its dam a day or two then we fail feed it new



#### A Great Bull Individually and in Breeding—Heading a Great Herd

King Johanna Pontiac Kordyke, No. 76,966—A young Holstein bull of the highest official backing. Note his color marking, and his A 1 conformation. Dam, and 2 dams of his sire averaged 32.12 lbs. butter in 7 days. 3 of her sisters. Pontiac his sire's dam, 3 of her sisters, a grand-sire of his sire, and his sister. Pontiac Lady Kordyke, average for the 12, 33.77 lbs. butter in 7 days. These 12 cows 11 with records above 30 lbs. (the other 29%) lbs. 4-year-olds, include 4 past and present world's champions.

His sister, Pontiac Lady Kordyke, recently made the world's record as follows: Milk, 7 days—60.4, butter, 36.01, 30 days—milk, 2,497, butter, 156.92. He is a grandson of Pontiac Kordyke, Colantha Johanna Lad and Pontiac Glad. This great bull is now the chief sire at the head of "Riverside Herd." Where can you equal his breeding? Owned by J. W. Richardson, Caledonia, Ont. (Advt.)

is thoroughly digested. In feeding skim milk it is not advisable to take the whole milk away too soon; not until the calves have commenced to eat other feeds at any rate. We find that if the calves are turned in with those a little older than, know how to eat, they will soon learn.

#### What is Cheap?

By "Caveboy," Oxford Co., Ont.

The first cost of cotton seed meal, oil cake, gluten meal and similar feeds that have a very high protein content seems to stagger many dairymen. They seem to go on the assumption that a dollar in the pocket and a dollar in feed is much better than \$3 in feed. The price of these high quality feeds does look tremendous, but when we examine their nutritive value, we will find that in one sense at least, they are the cheapest feeds that we can buy. A study of the following table which I have extracted from a table of feeding standards will show what I mean:

Feed	Protein	Carbohydrates	Fat
Cotton seed meal	27.3	16.9	12.3
Linseed meal	29.3	22.7	7
Gluten meal	25.8	43.3	11
Wheat bran	13.1	39.2	3.7
Corn	7.9	66.7	4.3
Oats	9.2	47.3	4.3

Of the three ingredients necessary in a feed, protein, carbohydrates and

milk for a week or 10 days. We gradually change to skim till at a month old they get all skim (separator) milk. When the cheese season opens we feed pasteurized whey the same as skim milk. I think good sweet whey is just as good as skim milk, but we never feed more than a gallon at a feed twice a day, for the calves will eat solid food sooner if they do not get too much to drink. We feed them ensilage, well cured clover hay, and a little whole oats. They get whey till they are seven or eight months old.

We have had very good luck feeding calves. We always raise our own cows from the best dams, and as we test all our cows in our own testing association, we know from which cows to raise the calves. There are more calves ruined through feeding too much skim milk and whey than by feeding too little. I have seen some people set a big galvanised pail of whey before a calf and let it drink all it liked. The result was always a small potbellied calf.

If a fence has a tendency to cause the snow to block the highway there is also power on the part of the council to have a wire fence, or other suitable fence, erected in place, but the owner of the land must be compensated.

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