

AUTUMN CARE OF THE DAIRY COW.

A Critical Period--Protection from Inclement Weather.

At this season of the year, when farmers, are extremely busy preparing for winter, the dairy cows are apt to be neglected. Frequently they are left to pick a scanty living from bare pastures and the fence corners of grain fields, exposed to all the inclemencies of the autumn weather. The highly organized dairy cow is very sensitive to sudden and extreme changes in the weather, and nothing could be more detrimental to economical milk production. The flow of milk is often so materially lessened that it cannot be brought back to the normal standard during the winter. Exposure to storms and lying on the cold, damp ground at night not only lead to a decreased flow of milk but they are very apt to cause udder troubles, rheumatism and other disease, and in some cases even death. It is, therefore, advisable to see that the cows get a sufficient supply of suitable food during this critical period, and that they are protected from storms during the day and comfortably stabled at night. The eminent dairy authority, Prof. Haecker of the Minnesota Experiment Station, has given considerable attention to this subject, and some of his experiments and conclusions are well worthy of consideration by owners of cows. In the course of an article on the fall care of cows he says:--

One night or even a few hours of cold rain causes an enormous shrinkage of milk. Food, comfort and contentment are the prime factors in successful dairying, and it is not too much to say that comfort is the prime factor. To feed well but disregard the bodily comfort of the cow is to court and insure disappointment. A cow will fail to elaborate a full mess of milk if she is wet or shivering from cold, no matter how generously she is fed.

Autumn is a more critical period for a cow fresh in milk than winter. Cold rains and raw winds are fruitful causes of decreasing milk. The first makes inactive the muscular system, while the latter so disturbs the nervous system that it fails to perform its work. Cows should therefore not be exposed to fall rains, left out during cold nights, or confined in muddy or wet yards at any time.

The proof of this theory was clearly demonstrated by the Minnesota Station herd two years ago. Some changes were being made in the cow barn which made it inconvenient to stable the cows for a few days, and just then a cold, rainy spell set in, to which the cows were exposed. There was not only a very marked shrinkage in milk and butter fat at once, but they failed to recover during the winter, though the feed was liberal and the care the best that could be given. The cows gave 16.11 lbs of milk and 8 lbs butter fat a day during the winter. It was known when the shrinkage took place and why, but the attempt to recover it failed. The next year such an experience was guarded against, and the same herd gave a daily average of 28.4 lbs milk and 1.2 lbs fat.

It may be asked what the cows did with their food, since they were fed liberally during the winter. They made beef or fat with it, for each gained an average of nearly half a pound a day, a gain that did neither the cows nor the owner any good. During the two winters the herd was composed of the same cows, fed the same rations and received in every way the same careful attention, and yet because of this mishap the herd failed by just fifty per cent of doing it normal or possible work. Please think of this, and do not lose money by needlessly exposing cows in the autumn.

COWS THAT DO NOT PAY.

Mr. J. C. Chapais, Assistant Dairy Commissioner, who is particularly well acquainted with agricultural conditions in Quebec, said in an address: From my experience, I am led to believe that the reason why the Badcock test is not more generally adopted as a basis for payment for milk is lack of knowledge on the part of the farmers. They do not know anything about the true value of cows. When they are told that a cow that yields thirty pounds of milk is more valuable than one yielding forty pounds they do not understand it. I came across an instance of this kind when I was working with the inspectors in the Lake St. John district. One man said, "I have the best cow in the parish, she gives sixty pounds of milk." I went out to his place, having with me the figures as to the butter fat in his milk. I got from him the facts as to cost of feeding his cow, and figured out the cost of the milk. I found that it cost, allowing the ordinary price for the feed used, about 96 cents per hundred pounds. At the priest's house I got the figures about a cow owned by him whose milk cost only 44 cents per hundred pounds. I showed the man that the percentage of butter fat in the milk of his cow was 2.85, while in that of the priest's cow it was 5.50. I was able to show him that, instead of having the best cow in the parish, he had the worst. The result was that, whereas this man generally sold a calf at \$15 at birth, the next year, though the calf was a heifer, nobody would buy it. This shows that the farmers will understand this matter if we go to them and explain it.

WOODSTOCK, N. B., OCT. 26, 1904.

Why She Changed Her Mind.

"William," she said, "I need a tailor-made gown."

He said never a word, but he did a lot of thinking, for well he knew that tailor-made gowns are expensive, and that when a woman once acquires the tailor-made habit it is difficult to break her of it.

"William," she said, "I must have a tailor-made gown."

He sighed. When a man's wife says "must" there isn't anything for a man to do but sigh unless he is able to think up some entirely novel and effective scheme. Argument is just a little worse than useless.

"William," she said, "I intend to have a tailor-made gown."

Suddenly an idea came to him, almost as an inspiration. "Very well my dear," he said, and went on reading his paper.

Now, when a woman has been fighting for a tailor-made gown for something like sixty days a sudden and unconditional surrender has a tendency to rouse her suspicions.

"You will let me get one?" she inquired rather doubtfully.

"You are sure you can afford it?" she persisted.

"If you must have it," he returned, I will have to afford it. Of course, it will require a little economizing on my part, but I guess I can fix it."

"What do you intend to do?" she demanded.

"Well," he answered, putting aside his paper, "I have been thinking it over for a few days, and I have about made up my mind that I can save the necessary money by economizing a little in the matter of my clothes."

"Oh, how good of you!" she cried, "your clothes do cost you an awful lot, just because you always go to those expensive tailors who charge twice--"

"Precisely," he interrupted. "That's just what occurred to me. Now, I've no doubt that pretty dressmaker over in the next block would jump at the chance to make me a--"

"William!"

"She's one of the prettiest little things I ever--"

"William Closefisted, I want to tell you right now that if you go near that little dressmaker I'll pack up and leave!"

"But economy, my dear," he protested.

"The tailors have been taking away so much of her work that I'm sure she'd do it cheap enough to--"

"If that little dressmaker in the next block is going to make any clothes for anybody in this family, she is going to make them for me," asserted Mrs. Closefisted.

"Oh, very well. As you please, my dear."

He settled back in the chair and reached for his paper, while she took up her sewing.

The subject of the tailor-made gown did not come up again. It probably never will.

Women

Are Weak

AND SUFFER THE DERANGEMENTS PECULIAR TO THEIR SEX FIND THAT

Dr. Chase's Nerve Food

CURES SUCH ILLS PERMANENTLY BY STRENGTHENING THE NERVES AND MUSCLES.

Dr. Chase's Nerve Food stands high in women's favor because it is especially successful in overcoming ills peculiar to their sex.

When on account of a run-down condition of the system, the muscles and nerves fail to control the action of the feminine organism, there is bound to come much suffering. Headaches, pains in the back and limbs, indigestion, feelings of discouragement and despondency, weakness and irregularity rob life of the joys which would otherwise be possible.

Stimulating medicines cannot possibly be of more than slight temporary relief. To be of lasting benefit the nerves and muscles must be fully restored by such treatment as is afforded by Dr. Chase's Nerve Food.

Not only is the action and vigor of the bodily organs fully restored, but new, firm flesh is added, the form is rounded out, the weight is increased, and pallor gives way to that healthful glow of complexion which tells of the full enjoyment of health.

MRS. SYMONS, 42 St. Clair street, Belleville, Ont., states:--"Some weeks ago I began a course of treatment with Dr. Chase's Nerve Food, and have found it a very satisfactory medicine. I was formerly troubled with nervous exhaustion and a weak, fluttering heart. Whenever my heart bothered me I would have spells of weakness and dizziness, which were very distressing. By means of this treatment my nerves have become strong and healthy, and the action of my heart seems to be regular. I can recommend Dr. Chase's Nerve Food as an excellent medicine."

Dr. Chase's Nerve Food, 50 cents a box, at all dealers, or Edmondson, Bates & Co., Toronto. The portrait and signature of Dr. A. W. Chase, the famous receipt book author, are on every box.



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There's only one real test of unshrinkable underwear--the wash tub. Two or three hard rubbings will soon shorten the usual so-called "unshrinkable" underwear. That's why the directions for washing are so elaborate--why there are so many "ifs" and "don'ts."

Stanfield's Unshrinkable Underwear

is absolutely unshrinkable. The wash tub proves it. Your dealer guarantees this to you--and we back up that guarantee to him. We know it won't shrink because it can't shrink. Our special process takes out the shrink before the garments are cut. Even then, each one is tested by washing.

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Once more telling you it is time to look over your Sleighs and Pungs, and should they need Painting, remember that McKenzie will try to suit you both in Workmanship and Price. It is well to have them done early giving the varnish all the time you can to harden which gives you a lasting job. Call and see me.

Shop at Hull & Glidden's, King Street, next Wollen Mill.

Yours respectfully,

JOHN MCKENZIE,

Carriage and Sleigh Painter.

Sept. 14--2m

Comparison of Three

Septennial Periods.

	New Business	In Force	
1892.....	\$1,413,171	\$25,1937	
1893.....	2,538,217	9,068,862	
1896.....	3,554,960	17,494,170	
1903.....	5,884,890	32,625,093	
*Excluding monthly plan.			
	Income	Assets	Net Surplus
1892.....	\$1,014	\$151,135	\$ 8,430
1899.....	291,741	816,710	71,365
1896.....	641,788	2,515,833	421,546
1903.....	1,381,394	5,625,801	550,237
*Excluding monthly plan.			
	1903	1902	Increase
Premium Income.....	\$1,132,616.91	\$1,049,652.74	\$82,964.17
Interest Income.....	248,746.78	221,187.47	27,559.31
Insurance Issued.....	5,884,890.00	5,773,905.00	110,985.00
Net Surplus.....	550,236.76	515,044.76	35,192.00

WRIGHT & EVERETT,

PROVINCIAL MANAGERS,

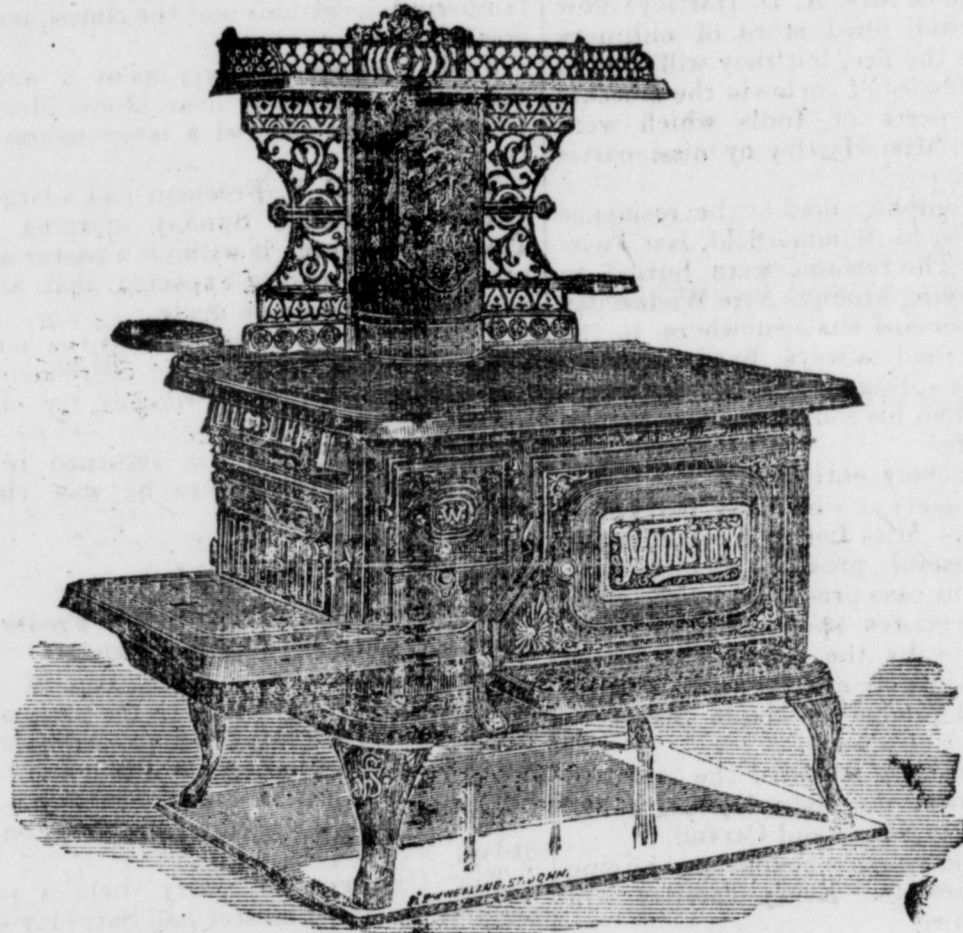
ST. JOHN, N. B.

A. C. CALDER, Barrister-at-Law,

District Agent,

Woodstock, N. B.

THE WOODSTOCK RANGE.



The Methodist Parsonage, Jacksonville, Carleton Co., N. B., Oct. 11th, 1902 Messrs. Spall & Fisher, Woodstock:

Gentlemen,--After upwards of thirty years experience with a large variety of cook stoves, none has ever given the satisfaction derived from your "Woodstock". It is a perfect heater and baker, keeps the water tank hot day and night, with less fuel than any stove we have ever had in our parsonages.

Yours faithfully, JOHN C. BERRIE.

P. S.--I kept the fire going night and day from the 1st of October to the end March with less than five cords of hardwood.--J.C.B.

SMALL & FISHER COMPANY, Limited, WOODSTOCK, N. B.

NOTICE.

Having recently installed a Generator, we are prepared to supply power to run factories, water works, etc.

Woodstock Electric Light Co'y, LIMITED.



MAIL CONTRACT.

SEALED TENDERS addressed to the Postmaster General, will be received at Ottawa until noon, on Friday, the 18th November, 1904, for the conveyance of His Majesty's Mails, on a proposed contract for four years, six times per week each way, between Williamstown and Woodstock, from the 1st January next.

Printed notices containing further information as to conditions of proposed Contract may be seen and blanks forms of tender may be obtained at the Post Offices of Woodstock, Upper Woodstock, Williamstown, Jacksonville and Jacksonton, and at the Office of the Post Office Inspector at St. John. Post Office Department, G. C. ANDERSON, Superintendent, Mail Contract Branch, Ottawa, 5th October, 1904.

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