

Lump Jaw

The first remedy to cure Lump Jaw was

Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket Veterinary Adviser.

Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.

FLEMING BROS., Chemists,
75 Church Street, Toronto, Ontario



BOYS! GIRLS! Your Choice FREE

For selling only \$1.50 worth of our Vegetable and Flower Seeds. You can have any one of the above illustrated articles of Jewelry—Lady's Gold Brooch set with 8 flashy brilliants, with pearl and colored stone centre, pair Man's Gold-plated Lever Cuff Link with pretty cut stone setting, or Lady's large cut stone centre. The seeds are assorted varieties, in large cut stone centre. Are fast sellers. Send 6c. (small) and 10c. (large) packages. A post card will do. **The Reliable Premium Co., Dept. X, Waterloo, Ont.**

Cattle and Sheep Metal ear LABELS!

Metal ear labels, with owner's name and address, and numbers. Sample and prices mailed free. **F.G. James, Bowmanville, Ont.**

In a southern town a lady was approached by her colored maid. "Well, Jenny," she asked, seeing that something was in the air.

"Please, Mis' Mary, might I have the aft'noon off three weeks from Wednesday?" Then, noticing an undecided look in her mistress' face, she added hastily: "I want to go to my fiancé's funeral."

"Goodness me!" answered the lady. "Your fiancé's funeral! Why, you don't know that he's even going to die, let alone the date of his funeral. That is something we can't any of us be sure about—when we are going to die."

"Yes'm," said the girl, doubtfully; then, with a triumphant note in her voice, "I'm sure about him, Mis', 'cos he's goin' to be hung!"

JUST CURED HIM THAT WAS ALL

What Dodd's Kidney Pills Did for Thomas Moon.

Doctors Could Not Cure His Dropsy, but Dodd's Kidney Pills Cleared it out Completely.

Maidstone, Sask., Feb.—(Special).—"Cured me completely. That's what Dodd's Kidney Pills did for me." Such is the statement made by Thomas Moon, a well-known resident of this place, who for two years suffered with Dropsical Swellings brought on by diseased kidneys.

"I had pains in the small of my back," Mr. Moon continues, "and across the loins. The swelling commenced first in my legs, and gradually got to my body. I tried different doctors, but kept getting worse every day, until I was swollen up to an awful size."

"One doctor sent me to the hospital, where I got a little benefit, but the swelling soon all came back."

"Then I used Dodd's Kidney Pills, and, as I said before, they cured me completely."

Dropsical Swellings are caused by diseased kidneys failing to take the surplus water out of the blood. Cure the kidneys with Dodd's Kidney Pills and the dropsy naturally cures itself.

QUESTIONS AND ANSWERS. Miscellaneous.

CONDITION OF DAIRY HEIFER—RATION FOR MAXIMUM MILK PRODUCTION.

1. Is there any scientific reason for the theory, or is it a mere whim, that a heifer is injured for heavy milk-production by becoming fat?
2. Will you kindly formulate an ideal, or perfectly balanced ration, selected from all, or any, of the known feedstuffs—said ration being especially designed for the making of large milk records regardless of cost.

YOUNG DAIRYMAN.

Ans.—1. It is a theory, pressed too far by zealots, but undoubtedly having a basis in fact, that maintenance of a heifer in gross condition tends to establish a disposition to keep her body well padded with flesh and fat to the sacrifice of milk production. In other words, she gets into the habit of laying the feed on her back instead of sending it to the udder. The greater the weight of flesh and fat habitually carried, beyond a reasonable limit, the larger the amount of nutriment required to maintain such normal condition, and, moreover, the more pronounced the tendency to fleshiness, the more inclined will the heifer be to fatten excessively when fed liberally for high production. There is such a thing as a breeding female being "too good to herself." The general experience is that heifers kept in high condition do not, as a rule, prove so satisfactory, either as breeders or as milkers, as those kept in more moderate flesh. This is the one extreme. The other is in skimping the animal, and stunting its growth for the lack of sufficient nourishment. Of the two extremes, we would rather take chances on the heifer too generously than on one too sparingly fed.

2. Any one of a great variety of combinations might be employed, and it is impossible to compound any ration and justifiably declare it is the best for the purpose. Indeed, what will suit one cow best, may require to be modified for another. Palatability and individual peculiarities, even caprices, have to be considered. We have, however, calculated a ration intended for a cow of 12 cwt. or over, which should give good results, as a standard to be varied as necessity might demand:

Lbs.	Lbs.	Lbs.	Weight
digestible ether extract.	digestible carbohydrates.	digestible protein.	Lbs.
12	8.96	1.10	10
27	3.89	27	30
27	2.16	44	40
.04	1.1	366	3
.081	.518	1.08	1
.007	.518	1.08	1
.084	1.84	1.58	2
.086	1.314	.412	2
.58	.342		2
	13.826	3.098	90

Multiplying the pounds of ether extract, or fat, by 2.3, to reduce it to the equivalent of pounds of carbohydrates, then adding this to the pounds of carbohydrates, and dividing the sum by the pounds of protein, we find a nutritive ratio of about 1 part protein to 5.4 of carbohydrates and fat, which is about right.

It is possible that for some cows the

(Continued on next page)

Made In Canada For 24 Years

Some Metal Shingles are guaranteed to "last a lifetime," by firms which have been making Metal Goods only a few years.

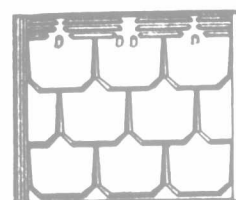
How can they know how long their shingles will wear?

"Perhaps" such shingles will last.

"Perhaps" they are lightning-proof and weather-proof.

You are the one who must take the chances.

There are no "perhaps" about



"EASTLAKE" METALLIC SHINGLES

ON THE ROOFS SINCE 1885

They have defied lightning and fire—resisted snow and rain—protected against leaks and rust—for 24 years. You buy certainty—not supposition—when you buy "Eastlake" Shingles. Because "Eastlake" Metallic Shingles have proved, by 24 years' wear on the roofs, that they are practically indestructible.

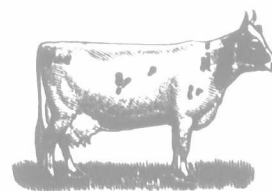
Don't buy "a pig in a poke." Don't take chances. Get "Eastlake" shingles, which are sold with a guarantee worth having.

Write for catalogue, which tells about the "Eastlake" side Lock, the new Cleat and other exclusive features, as well as explaining all about the Shingles themselves.

The Metallic Roofing Co., Limited

TORONTO Manufacturers WINNIPEG

Agents wanted in some districts. Write for particulars naming this paper.



Stoneycroft Ayrshires

Choice young bulls and heifers of the very best breeding, combining show and dairy quality.

Large Improved Yorkshire Pigs from imported sires and dams, now ready to ship.

Stoneycroft Stock Farm, Ste. Anne de Bellevue, Que.

AYRSHIRES

Bull and heifer calves from producing dams. Right good ones.

Hickory Hill Stock Farm. N. DYMENT, Dundas Station and telegraph. Clappison, Ont.

HOWGLEN AYRSHIRES!

For sale: 75 pure-bred registered Ayrshires, all ages; prizewinners; many imported. Apply to ALLAN P. BLUE, Eustis, Quebec

Prizewinning Ayrshires

FOR SALE: 5 High-class Bulls, from 6 to 24 months of age; 10 Cows and Heifers, from 6 months to 5 years of age.

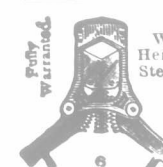
All bred from the deepest-milking strains.

A. Kennedy & Son, Vernon, Ontario. Hillview Stock Farm. Winchester station, C. P. R.

BURNSIDE AYRSHIRES

are in such demand that I have decided to make another importation. I intend attending the great dispersion sale of the world-renowned Barcheske Herd, belonging to Mr. And. Mitchell, Kirkcubright, Scot., where some 300 of the choicest Ayrshires ever offered will be sold. Orders entrusted to me will be carefully attended to. Breeders, take advantage of this great sale, and replenish with a few good ones. Correspondence solicited and satisfaction guaranteed. "Long-distance" phone in house.

R. R. NEES, HOWICK, QUE.



DEHORN YOUR CATTLE

Wonderful how it improves them. Heifers develop into better milkers. Steers fatten quicker.

KEYSTONE DEHORNER

Does it. Cuts clean—hurts little—does not bruise flesh or crush bone. Write for free booklet.

R. H. McKENNA, Late of Picton, Ont. 219 Robert St. Toronto

Subscribe for "Farmer's Advocate"

Ayrshires from a Prizewinning Herd—

Have some nice bull and heifer calves for sale at reasonable prices. For particulars, etc., write to WM. STEWART & SON, Campbellford Stn.

Menie P.O., Ont.

Ayrshire Bulls

from cows that averaged 1300 lbs. of 3.9 milk during January. Only two left—one yearling fit for service and one fall calf. Orders booked for spring calves, males only. Cheap for quick sales. James Begg, Box 88, St. Thomas, Ont.

Poultry Tonic

INCREASES EGG PRODUCTION. CURES DISEASE

1 1/2 lbs., 25c. By Mail, 35c.

MADE IN CANADA



Louse Killer

KILLS LICE ON POULTRY AND STOCK.

SATISFACTION GUARANTEED

1-lb. Can, 25c. By Mail, 35c.

THE HACKNEY STOCK TONIC COMPANY, TORONTO, ONTARIO.