

"MAPLE LEAF" OIL CAKE MEAL

FINE GROUND OR NUTTED

FEED IT WITH EVERY MEAL

GREAT Britain could never have attained its eminence in beef and dairy products without Linseed Cakes. On the larger farms one to five thousand dollars a year is expended in these cakes. The fattening ration for cattle is from 7 to 14 lbs. of Oil Cake a day, with a mixed feed of roots, oats, barley and mill feed. Sheep and milk cows both get Oil Cake to the extent of about 2 lbs. a day. The following figures by Prof. Frank Shutt, M.A., Dominion Experiment Farm, Ottawa, show protein value of different feeds.

Feeding Stuff	Protein (Flesh Producers)	Fat
Linseed Cake (ground).....	32.9	7.9
Buckwheat.....	10.0	2.2
Corn.....	10.3	5.0
Oats.....	11.8	5.0
Wheat.....	12.4	1.8
Barley.....	14.9	4.5
Shorts.....	15.4	4.0
Middlings.....	15.6	4.0
Pea Meal.....	21.2	1.4
Bean Meal.....	23.1	2.2

Protein is the most costly, necessary and valuable element in food.

Write to-day for our free booklet, "Facts to Feeders."

CANADA LINSEED OIL MILLS LIMITED
TORONTO AND MONTREAL

HINMAN THE UNIVERSAL MILKER

The SIMPLEST and MOST EFFICIENT MACHINE.
NO GAUGES.
NO PIPING.
EASY to Clean and Keep Clean.

PRICE \$50.00 PER UNIT.

H. F. BAILEY & SON
Sole Manufacturers for Canada
Galt, Ont., Can.

Cotton Seed Meal

\$31.50 per ton
F.O.B. Forest, Ontario.
Good Luck Brand Guaranteed 41% Protein.
Cash Must Accompany Order.
H. FRALEIGH
Forest : Box 1 : Ontario

Allancroft Dairy & Stock Farm

BEACONSFIELD, P.Q., CANADA.

A FEW
Pure-bred Ayrshire and
Pure-bred French-Canadian
Bulls for Sale
Correspondence or visit solicited.
E. A. SHANAHAN, Secretary,
Merchants Bank Building, Montreal, Canada

Quality AYRSHIRES Production
Bred on particularly good lines. I have for sale females of all ages, and four young bulls, 8, 10, 12 and 18 months old, sired by Barcheskie Scotel Earl Imp. W. G. Hensman, R.R. No. 4, Essex Ont. Essex Station, M. C. R.

Dungannon Ayrshires

The average milk yield of our herd is 50,000 lbs. annually for all ages. High class in breeding and individuality. Ayrshire, 18, 12, 10, and 8 months for sale. W. H. FURBER, GORDON, ONT.

Questions and Answers. Miscellaneous.

Dairy Inspectors—Veterinarian.

1. What are the qualifications and education needed to secure a position as a government dairy inspector? Is a high-school education, including the languages Latin, French and German necessary?

2. What educational course is required to become a qualified veterinary surgeon?

F. K.

Ans.—1. A high-school education with languages is not necessary, but practical experience in testing and dairy work is. This can be obtained by a course at a dairy school, or at the Ontario Agricultural College.

2. A course at a veterinary college. The Ontario Veterinary College at Toronto is one of the best.

Substitute for Hay.

What is a good spring crop to substitute hay when timothy and clover are a failure on account of winter-killing, and still the land is in good condition?

J. A. H.

Ans.—Many successfully use oats sown thickly and cut in the milk stage. Others use a mixture of oats and peas, being careful not to sow the latter too thickly. In a small experiment with sweet clover this summer, we found it very good for this purpose. Sown alone after seeding, it produced a first cutting of about two tons per acre, and had a thick growth 15 to 18 inches high again at the first of October. It seems to be very good hay. It was sown at about 35 lbs. or more per acre, and so is a thick stand. It must be cut early to avoid woodiness. It might be tried on a small scale.

Spraying for San Jose Scale.

Would you please answer the following questions in your valuable paper? Is it better to spray once in the fall and again in spring for San Jose scale, or not spray in fall and twice in spring?

C. B.

Ans.—There seems to be little difference in the efficiency of a spray whether it is applied in the autumn or early spring, but where two applications are made, we prefer to spray in the fall, after the leaves have fallen, and again just previous to the bursting of the buds in the spring. The reason for our preference of the fall spraying is that time is more easily procured, and conditions are usually more suitable all round for the work. When another application is made just before the buds burst, the mixture remains longer on the branches, and the young of the scale seems unable to settle down and thrive on bark well covered with lime-sulphur.

Why Sheep Should be Kept.

Here are seven reasons why you should keep sheep. They are published by the Live-stock Branch of the Dominion Department of Agriculture, and set forth the advantages of keeping sheep very well.

1. The sheep is a dual-purpose animal, producing both wool and mutton.

2. The initial expenditure is small. Every farmer can well afford the investment of the necessary capital in a few sheep.

3. Rapid monetary returns are received, the wool clip and the lamb crop being salable annually.

4. Expensive buildings are by no means necessary. A warm lambing pen is required, but for the aged sheep, a sheltered shed to protect them from the winter winds is alone sufficient.

5. Weed destruction represents another asset. Sheep will eat and relish almost every class of weed.

6. Sheep admittedly improve soil fertility. Their manure is rich, and uniformly distributed.

7. Except at certain seasons of the year, less time and attention need be bestowed upon the care of sheep than in the case of almost any other animal without thereby endangering successful results.



Gilbert Hess
Doctor of
Veterinary
Science
Doctor of
Medicine

Now is the Time Your Hens Need a Tonic

Moulting weakens a hen—it brings her vitality down to low ebb. To help the hen over this period you ought to feed her a tonic to keep her system vigorous, well able to force out the old quills, grow a new feather crop and get back on the job laying eggs well before the winter sets in. Keep your hens toned up.

What your hens need right now is Dr. Hess Poultry Pan-a-ce-a. This splendid tonic is the result of my lifetime experience as a doctor of veterinary science, a doctor of medicine and a successful poultry raiser. It tones up the dormant egg organs, offsets the weakening effects of moulting, quickens quill shedding, makes for a new feather growth and makes hens lay.

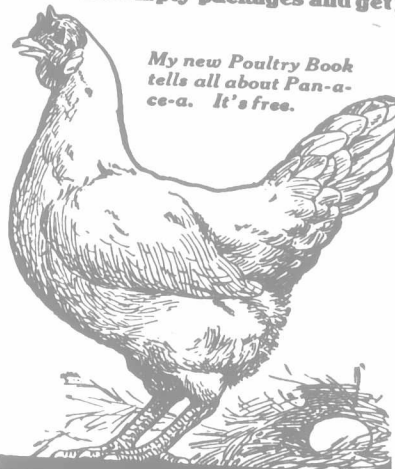
Dr. Hess Poultry Pan-a-ce-a

Not a Stimulant, but a Tonic

Shortens Moulting Period—Makes Hens Lay

This is also a splendid tonic for fattening poultry for market. It helps the birds digest the maximum amount of their ration and convert it into flesh. It keeps poultry healthy and fit while cooped up. Besides, my Poultry Pan-a-ce-a is an excellent constitutional remedy for roup.

So sure am I that Dr. Hess Poultry Pan-a-ce-a will make your poultry healthy, make hens lay, help chicks grow and shorten the moulting period, that I have authorized my dealer in your town to supply you with enough for your flock and if it doesn't do as I claim, return the empty packages and get your money back.



My new Poultry Book tells all about Pan-a-ce-a. It's free.

Sold only by reputable dealers whom you know; never by peddlers.

Buy On My Money-Back Guarantee

14 lbs. 35c; 5 lbs. 85c; 25-lb. pail \$3.50 (duty paid). Pan-a-ce-a costs only 1c per day for thirty fowl.

DR. HESS & CLARK,
Ashland, Ohio.

NEW COAL OIL LIGHT BEATS ELECTRIC OR GASOLINE

10 Days FREE—Send No Money



TWICE THE LIGHT ON HALF THE OIL

We don't ask you to pay us a cent until you have used this wonderful modern light in your own home ten days, then you may return it at our expense if not perfectly satisfied. You can't possibly lose a cent. We want to prove to you that it makes an ordinary oil lamp look like a candle; beats electric, gasoline or acetylene. Lights and is put out like old oil lamp. Tests at a number of leading Universities show it.

Burns 70 Hours on One Gallon

common coal oil, no odor, smoke or noise, simple, clean, won't explode. Three million people already enjoying this powerful, white, steady light, nearest to sunlight. Guaranteed.

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will be given to the person who shows us an oil lamp equal to the new Aladdin in every way (make such a challenge if there were the slightest doubt as to the merits of the Aladdin). GET IT FREE. We want one user in each locality.

We have a special introductory offer to make, quick for our 10-Day Absolutely Free Trial Proposition and learn how to get one free.

MANTLE LAMP CO., 428 Aladdin Bldg., Montreal and Winnipeg, Canada

Largest Manufacturers and Distributors of Coal Oil Mantle Lamps in the World

We Want Men With Rigs or Autos to Deliver

the ALADDIN on our easy plan. No previous experience necessary. Practically every farm home and small town home will buy after trying. One farmer who had never sold anything in his life before wrote: "I sold 61 lamps the first seven days." Another says: "I disposed of 84 lamps out of 81 calls." Thousands who are coining money endorse the Aladdin just as strongly.

No Money Required

We furnish capital to reliable men to get started. Ask for our distributor's plan, and learn how to make big money in uncaptured territory.



Glenhurst Ayrshires

bulls, the result of a lifetime's intelligent breeding; 45 head to select from. Let me know your wants. Summerstown Stn., Glengarry

ESTABLISHED OVER 50 YEARS AGO and ever since kept up to a high standard

We can supply females of all ages and young bulls, the result of a lifetime's intelligent breeding; 45 head to select from. Let me know your wants. Summerstown Stn., Glengarry

STONEHOUSE AYRSHIRES

Are a combination of show yard and utility type seldom seen in any one herd. A few choice young males and females for sale. Write or 'phone your wants to Hector Gordon, Howick, Que.

Brampton Jerseys

We are busy. Sales were never more abundant. Our cows on yearly test never did better. We have some bulls for sale from Record of Performance cows. These bulls are fit for any show ring. B. H. BULL & SON, BRAMPTON, ONT. O.

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26 lbs. Corn Meal
26 lbs. Wheat
13 lbs. Wheat
5 lbs. Alfalfa
5 lbs. Linseed Meal
24 1/2 lbs. Corn Meal
1/2 lb. Salt

Feed who morning; 2 1 part oats an ideal morning feed fowls in the eating of the

This ration with beets, green clover, Gunns Shu Medicated available to

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Dam's record, 10 Official record of as a three-year-old which quality is This is a very Manager "Over or H. H. Dean,

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and several you R.O.P. and R.O.P. or all of our "King Payne St.

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Young bulls and Pieterje; sire's daughter, 30-lb. daughter. Three generations bull that will pr A. KENNEDY & Stations: A

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Do you know a cow in the world have each sired daughters with red was bred, reared Do you want that milking power of prices, then visit TAVISTOCK, ONT.

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