



## Make Farm Profits Greater

It is an actual statement of fact—proved by the successes of thousands of farmers—that "the Dr. Hess Idea" of feeding farm stock makes farm profits greater. This idea teaches that "a poor ration, well digested, is better than the best ration, poorly digested." In other words—good digestion is the one important thing in feeding all farm animals.

## DR HESS STOCK FOOD



formulated by Dr. Hess (M. D., D. V. S.)—is not a ration, nor intended to take the place of ration. It is a digestive tonic which increases milk flow and flesh forming. It is given for one purpose only—to assist in the better digestion of ration—to convert more corn, oats, bran, hay and fodder, into juicy beef, fat pork, sweet mutton and rich milk. It acts directly on the digestive organs and gives them needed strength to stand the strain of heavy feeding. It increases appetite. It reduces food waste. It shortens the time required to fatten a steer for market. It makes a milch cow give an increased mess. It puts farm teams and show horses in A-1 condition and it relieves many of the minor ailments of farm animals.

Dr. Hess Stock food is sold on a written guarantee. You, Mr. Farmer, can add to the health and profitable condition of your farm stock by using Dr. Hess Stock Food. The dose is small and fed but twice a day.

100 lbs. \$7.00  
25 lb. pail \$2.00

Smaller quantities at a slight advance.  
Duty paid.

DR. HESS & CLARK  
Ashland, Ohio, U.S.A.

Also Manufacturers of Dr. Hess Poultry Pan-a-ce-a and Instant Louse Killer. Free from the 1st to the 10th of each month—Dr. Hess (M. D., D. V. S.) will prescribe for your ailing animals. His 96-page Veterinary Book free for the asking. Send 2c stamp and mention this paper.

**DR. HESS POULTRY PAN-A-CE-A** fills the empty egg basket—forces young chicks to early maturity—fats old fowls and young chickens for market and shortens the moulting period. How? By increasing the power of digestion so that more food is given to egg production and flesh forming and less wasted in the droppings. It cures gapes, cholera, roup, etc. A penny's worth feeds 30 fowls one day. Sold on a written guarantee.

1½ lbs. 35c; 5 lbs. 85c; 12 lbs. \$1.75; 25 lb. pail \$3.50. Duty paid.

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

## INSTANT LOUSE KILLER KILLS LICE

## STOCK MEN

When you are wanting any cuts of Poultry, Live Stock, or for Advertising, try our specially deep-etched plates.

PRINT CLEAN  
WEAR LONGER  
PRICE REASONABLE

Write us your wants.

**ROBERTS ENGRAVING COMPANY**  
LONDON-CANADA



**Willow Bank Stock Farm**  
SHORTHORNS AND LEICESTERS.

Herd established 1855; flock 1848. The great Duthie-bred bull, Imp. Joy of Morning—3270—, and the Missie bull, Royal Star—72502—, heads my herd. Choice selections to offer at all times in both bulls and females.

JAMES DOUGLAS, CALEDONIA, ONTARIO.

**Maple Lodge Stock Farm**  
1854-1910.

A lot of choice young SHORTHORN BULLS, and a splendid lot of LEICESTER rams and ewes for sale.

A. W. Smith, Maple Lodge, Ont.



**Glenburn Stock Farm**  
SHORTHORN calves of both sexes. SHROPSHIRE ewes, ram and ewe lambs, and one 2-year-old ram.

JOHN RACEY,  
Lennoxville Quebec.

**Shorthorns and Yorkshires**—A choice lot of young bulls and heifers at reasonable prices, from such noted families as Miss Ramsden, Crimson Flower, Lady Sarah, Imp. Clementina, Jealousy and Mina. A fine litter of the Improved Yorkshires ready to wean, of prize-winning stock.

ISRAEL GROFF, Elmira, Ont.  
**SHORTHORNS AND LEICESTERS**—Present of 1st prize. Light colored bred one and two year old heifers, also bull calves. Choice shearing rams and ram and ewe lambs. Show material. Write: W. A. Douglas, Tuscarora, Ont. Caledonia Station.

When Writing Mention The Advocate

## Farmers and Cattlemen, Read This!

When you cannot sell your export cattle at satisfactory prices at home, and wish to ship them to the Old Country markets, write or wire for steamer space, market and shipping information to Donald Munro, Live-stock Forwarding Agent and Commission Salesman, 43 St. Sacramento Street, Montreal.

Load your cattle carefully, and bill them to me. I provide the necessary feed, insurance, etc., pay freight and all other expenses from shipping point, and give liberal cash advances on all consignments. Cattle are loaded on steamer under my personal supervision, and placed in charge of capable attendants for the ocean voyage. I represent the most reliable salesmen at all the different British markets. BUSINESS ESTABLISHED 1890. REFERENCES: THE MOLLSONS BANK, MONTREAL.



## Rowan Hill Shorthorns

Herd headed by "Best of All," a Campbell Bessie, sired by Uppermill Omega. For sale is a roan 15-months show bull, one 2-year-old show heifer and a few young cows and heifers. Write, or, better, come and see.

R. F. DUNCAN,

Carluke, Ont.

## PLEASANT VALLEY SHORTHORNS

For Sale: 1 red, 1 roan, 2-year-old show bulls. Several good bull calves, also some yearling heifers. Some show propositions among them. If interested, write or call and see us before buying.

GEO. AMOS & SONS, MOFFAT, ONTARIO.

Farm 11 miles east City of Guelph on C. P. R. 1/2-mile from farm.

## CHOICE SCOTCH BULLS

FOR SALE. HERD-HEADING QUALITY.

H. SMITH R. R. 3, Hay, Huron Co., Ont.

Farm adjoins Exeter, on G. T. R.

## Maple Hall Shorthorns

Are bred on most fashionable Scotch lines, and are of high-class individuality. For sale are 6 young bulls from 6 to 10 months of age. A low, thick, sappy lot. Also 10 yearlings and 10 two-year-old heifers. Show material in this lot. Telephone connection.

DAVID BIRRELL & SON, GREENWOOD P. O., ONT., CLAREMONT STATION.

## SHORTHORN FEMALES

OF ALL AGES FOR SALE.

Prices to suit all kinds of customers. Have one red eleven-month-old bull left; a Clipper; price \$100.

J. T. GIBSON, DENFIELD, ONTARIO.

## Springhill Ayrshires

We can please you in all ages and sexes.

Robt. Hunter & Sons, Maxville, Ont.

## Ayrshires and Yorkshires!

We still have a few choice individuals of almost any age on hand in Ayrshires, and are always ready to price any. Other breeders in this section. Bull calves from Record of Performance cows. A few young Yorkshires on hand. Long-distance phone.

ALEX. HUME & CO., MENIE, ONT.

## Ayrshires

Bull calves, from 4 months to 9 months, from imported sire and Record of Performance dams. Records 50 to 60 pounds per day.

N. Dymont, R. R. No. 2, Hamilton, Ont.



**HILLCREST AYRSHIRES**. Bred for production and large teats. Record of Performance work a specialty. Fifty head to select from. Prices right.

FRANK HARRIS, Mount Elgin, Ont.

## Stonehouse Ayrshires

all ages. Am now booking orders for bull calves.

Hector Gordon, Howick, Quebec.



## SPRINGBANK AYRSHIRES

Canada's leading herd of Record of Performance Ayrshires. Big records, big cattle, big udders and big teats. Present offering—four prize bull calves. All good ones, with good breeding. Are now booking orders for 2-year-old calves.

A. S. TURNER & SON, RYCKMAN'S CORNERS, ONTARIO. Three miles south of Hamilton.

## QUESTIONS AND ANSWERS

Miscellaneous.

### RETENTION OF AFTERBIRTH.

We have a Jersey cow seven years old, which we bought three years ago. During that time she has given birth to two calves. Both times she has retained the afterbirth for several days. She is due again the 20th November. Is there anything we could do to prevent a recurrence of the trouble, or what would you advise?

E. J. S.

Ans.—Retention of the afterbirth occurs under all conditions, and there is no way to prevent it more than good care, and keeping the cows comfortable, and giving warm drinks after calving. Medicinal agents have practically no effect, and when the membranes are not expelled in at most 48 hours after calving, they should be removed by hand.

### EXPERIENCE WITH DRIED BEET PULP WANTED.

Please let me know the value of sugar-beet pulp for feeding purpose, and if I could keep it till next summer, also what kind of a place I would require to keep it in, as I want to feed it to hogs next summer?

R. M.

Ans.—Will some of our readers who have been feeding dried beet pulp, either dry or saturated with water, write us in detail concerning their experience with this feed. We have chemical analyses on file, but there seems to be a virtue in the beet pulp when reduced to a succulent condition that is not indicated by chemistry. Readers who have made a fair, accurate and conclusive test of beet meal in comparison with bran or other concentrated feeds, will confer a favor by reporting full particulars, telling what other feeds they used with the beet feed, to what class of stock it was fed, for what length of time, etc. Kindly report, also, any experience with the keeping quality of dried beet pulp under varying conditions.

### FEEDING CALVES—TO MAKE HORSES' COATS GLOSSY.

1. Have a young bull calf about six months old. It is long and shaggy in the hair. What would you advise feeding it to get it in good condition?

2. What would you recommend putting on horses to make their hide glossy?

M. S.

Ans.—1. Two or three quarts of sweet skim milk, twice a day, would do this calf all kinds of good. With this, feed a meal mixture of three parts oatmeal, two parts corn meal, and one part ground flax seed. Do not mix the meal with the milk, but throw it in the pail after the milk is drunk, or else feed in a separate box. Begin with a closed handful, and increase gradually to about half a pound or more, twice a day, taking care never to over feed. A few sliced roots, a little silage, and some early cut clover or alfalfa hay, with clean, dry quarters and daily exercise, should make him thrive.

2. Light blankets, with a daily grooming, regular exercise, and good feeding, including a couple handfuls of oil cake, and two or three carrots or turnips a day.

### RATION FOR DAIRY COWS—BEANS.

I am in the cream business, and wish to know how to compose following feeds to make a suitable ration: Corn silage (plenty of corn in it), rye and wheat mixed half and half, alfalfa hay, oil-cake meal and shorts. Would you advise trying the silage and alfalfa alone? Would it do to get beans chopped for cows or hogs? I have several bushels factory beans that can be used for no other purpose.

READER.

Ans.—A very suitable ration for cows giving but a medium flow of milk, would consist of 1/2 corn silage 40 pounds, alfalfa hay 10 pounds, and oil-cake meal from half a pound to a pound per head, cows of two small capacity to use these quantities of roughage being fed less amounts in approximately similar proportion. For cows giving over twenty or twenty-five pounds milk a day, a meal mixture consisting of three parts, by weight, of mixed rye and wheat meal, and two parts of oil cake meal to be added up to the limit of their profitable response. Grind the beans and feed them in small quantities, mixed with other meal, to either cows or hogs. They do well with corn.