

It Tells at the Pail

Give the cows what they need and they will give you what you want. No mystery about it. We don't claim to balance the ration, but we do claim to improve digestion by supplying the animal with exactly what the noted medical colleges and authorities claim the animal needs to increase production. No one can doubt that all growth depends upon digestion—we know that only about fifty-five per cent. of the food of a healthy animal is digested. What the *average* animal digests we don't know—but Dr. Hess Stock Food will make every cow, steer and hog digest the largest possible amount of food and convert it into profit. If we fed a cow or steer for the same purpose we feed ourselves, they perhaps would not need a tonic continuously. But we make it a business to overfeed the steer, crowding him to an early market, and that's why they should have something to aid digestion.

DR HESS STOCK FOOD

the medicinal stock tonic and preservative of Dr. Hess (M.D., D.V.S.) is just what the overfed animal needs. It does not supply additional protein to make bone, muscle, etc., but it does make the food of the farm produce the maximum amount of growth and milk production, besides curing and preventing stock diseases.

Professors Quittman, Winslow, and Finlay Dun, the most noted medical writers of the age, tell us that bitter tonics improve digestion, iron makes blood and the nitrates assist nature in expelling poisonous material from the system. These ingredients make up Dr. Hess Stock Food—isn't this pretty strong proof? But besides this every pound is sold on a written guarantee.

100 lbs. \$7.00 25 lb pail \$2.00
Smaller quantities at a slight advance. Duty paid.

Where Dr. Hess Stock Food differs in particular is the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

Free from the 1st to 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 96 page Veterinary Book free any time for the asking. Mention this paper.

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

Also manufacturers of Dr. Hess Poultry Pan-a-c-e-a and Instant Louse Killer

INSTANT LOUSE KILLER KILLS LICE



Sunnyside Herefords

Present offering: 12 bulls, serviceable ages. Cows safe in calf or calves at foot or open heifers. Younger stock carrying the blood of the great March On and Protector. Prices within reach of all.

ARTHUR F. O'NEIL,
Maple Grove, Ont.

BROXWOOD HEREFORDS.

A few choice bull calves from my imported stock.

R. J. PENHALL, NOBER P. O., ONT.

FOREST VIEW FARM HEREFORDS
Four bulls from 8 to 18 months old; prizewinners and from prize-winning stock. Several heifers bred on the same lines; choice individuals for sale.
JOHN A. GOVENLOCK,
Forest Sta. and P.O.

HEREFORDS—We are now offering a few thick, smooth young bulls and a number of females—a low-down, even, beefy lot. If in want of something extra good, correspond with us. We can please you.
J. A. LOYER, Coldwater P.O. and Sta.

Choice Shorthorns

FOR SALE: 2 bull calves, 2 yearling bulls, 2 yearling heifers and 1 cow, in natural breeding condition. For particulars apply to

J. G. DAVIDSON,
Manager Sir Wm. Mulock's Farms,
Armitage P. O.

Huntlywood Shorthorns.

Young bulls for sale. The best lot we ever had, by Imported Cicely's Pride (78594), out of imported dams. Broadhooks, Lavenders, Lancasters, etc. Prices reasonable.

W. H. Gibson, Manager,
Huntlywood Farm, Beaconsfield, Que.

Maple Hill Stock Farm Scotch Shorthorns—A special offering of a red bull calf of Missie family, sired by Rustic Chief (imp.) = 40419 =; also some choice females by Wanderer's Star = 48585 =, and Lucerne (imp.) = 50053 =. WM. R. ELLIOTT & SONS, Guelph, Ont.

GLEN GOW SHORTHORNS—Our present offering is 9 bulls, from 6 to 14 months of age, sired by Imp. Ben Loman and Imp. Joy of Morning, and out of Imp. and Canadian-bred cows. Also a number of very choice heifers. No fancy prices asked. Long distance phone, Wm. Smith, Columbus P.O. Brooklyn & Myrtle Sts.

Shorthorns for Sale—Five choice bulls, all from imp. dams; and three of them from Scotland's Fame (imp.) at head of herd.
ALEX. BURNS, Rockwood P.O. and G.T.R. Sta.

FARMER'S ADVOCATE "Want and For Sale" Ads. bring good results. Send in your ads. and you will soon know all about it. The Wm. Weld Co., Ltd., London, Ont.

"GLENORO"

Shorthorns and Lincolns
Imp. Mar Ross Lady's, Missies, Broadhooks, Ramsdens, and Urry's Choice individuals. Winners at Canada's leading fairs. One hundred head of grand Dudding-bred Lincolns. Unsurpassed for size, quality and fleece. Long-distance phone.

A. D. McGUGAN, Rodney, Ont.
Glenoro Stock Farm.

A. EDWARD MEYER

Box 378, Guelph, Ont.
Offers for sale, at prices you can stand, young SHORTHORN BULLS

Four of them from imported sire and dams. Several cows with heifer calves at foot by imp. Scottish Hero, and a few yearling heifers. All are of the choicest Scotch breeding. Write, or heifer come and look them over.
Long-distance phone in house.

SHORTHORNS & BERKSHIRES

For Sale: Six extra fine young bulls, some belong to grand milking strains. Also a fine lot of young sows, bred to farrow in March and April, and a grand lot of young sows and boars from three to five months old.

S. J. PEARSON, SON & CO.,
MEADOWVALE, ONT.

Stations: Streetsville and Meadowvale, C. P. R.

GREENGILL HERD of high-class SHORTHORNS

We offer choice Scotch bulls and females, representing such families as Dukes of Gloster, Village Girl, Rosebud Orange Blossom, Mysie, Victoria, and other popular families, either imp. or Canadian-bred.

R. MITCHELL & SONS,
Nelson P.O., Ont.; Burlington Junc. Sta.

KENWOOD STOCK FARM. SHORTHORNS.

Headed by (imp.) Jilt Victor = 45187 =. Offerings are two bull calves, an 11-months Miss Ramsden, from imp. sire and dam; a 12-months Missie, by Blytheome Ruler, and other bulls; also heifers of choice breeding. A few choice Berkshire pigs just off the sow.

HAINING BROS., Highgate, Ont. Kent Co.

Spring Valley Shorthorns

Offer some nice young heifers and cows in calf and with calves at foot; also two nine months' bull calves, both very choice, sired by Imp. Bapton Chancellor. Prices reasonable. Write, or come and see them.

KYLE BROS., - Ayr, Ontario.

Oak Grove Shorthorns—My present offerings are two bull calves, one heifer calf from imp. cows, got by Nonpareil Duke (imp.). They are a good lot. Prices right to suit the times.
W. J. ISAAC, Harwood, Ont.

Shorthorns Stamford's English Ladies, Mildreds, Marthas, Nonpareils. 3 choice bulls 14 months old. 2 heifers 2 cows. Breeding unsurpassed. Canadian and American registration. F. W. EWING, Salem P. O. Elora Station.



John Gardhouse & Sons,

Importers and breeders of Scotch Shorthorn cattle, Shire and Clydesdale horses and Lincoln sheep. Just now we are offering a few extra choice heifers—show stuff among them; also three rare good young bulls, bred from imp. Highfield P. O. Weston station 3 miles. Telephone.

SUNNYSIDE STOCK FARM

For sale: A number of young SHORTHORN BULLS, red and roan, from imported sire and dams; good enough to head pure-bred herds. Apply:

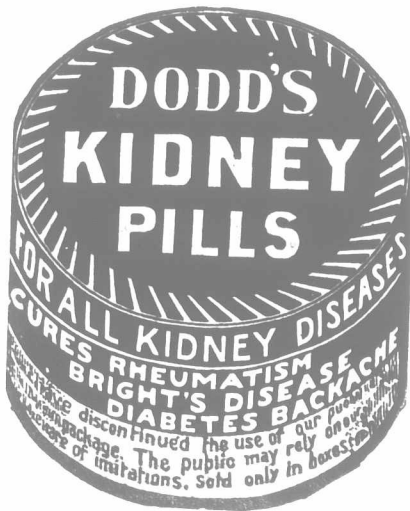
JAMES GIBB,
Brookdale, Ont.



SHORTHORNS.

Just closed out the season's crop of bulls of breeding age, but have a few very nice youngsters coming up. Anyone wishing a stock bull from the noted Derby (imp.), send orders ahead, as they are all picked up as soon as ready.
W. J. SHEAN & SON,
Box 886, Owen Sound, Ontario.

Lord Salvesen, in an address at Edinburgh, recalled the old days when human life was held very cheap and judges frequently indulged in levity when life was at stake. On one occasion Sir Francis Bacon was "mightily importuned" by a malefactor to save his life. All appeals failed, and the culprit at length pleaded for mercy on account of his kindred. "Your name," said he, "is Bacon, and my name is Hog, and in all ages Hog and Bacon are so nearly kindred that they are not to be separated." "Aye, but," replied the judge, you and I cannot be kindred except you be hanged, for Hog is not Bacon until it be well hanged."



QUESTIONS AND ANSWERS. Miscellaneous.

A HARMLESS CONDIMENT.

What would you think of a stock food that a cow could eat five pounds of at once and it not be affected in any way?

E. E. T.

Ans.—We should say that it possessed the chief quality of most such "foods" in being comparatively harmless.

WANTS LIGOWO OATS.

Will you kindly put me in communication with someone having Ligowo oats for sale?

J. D. B.

Ans.—Correspond with the seedsmen who annually advertise in these columns. Farmers having superior seed oats for sale could use our "Want and For Sale" column to excellent advantage. The cost is only three cents a word for each insertion, and a sufficient announcement to draw business can be put in for 75c., or less. Try it.

GASOLINE—HORSE-POWER.

1. Is there any difference in an American (U. S.) horse-power and a Canadian horse-power in all kinds of engines?

2. Does the horse-power vary in gas, gasoline, steam, etc., engines?

3. What does gasoline weigh per gallon, and does the weight vary with the different grades?

4. Is there any danger of injuring the cylinder of a gas or gasoline engine by letting the water get too hot, or is it better to keep it cold?

A CONSTANT READER.

Ans.—1. The horse-power as Watt determined when he invented the steam engine was the energy required to lift 33,000 pounds one foot per minute, or the equivalent thereto. These figures hold good in ratings of steam power, water power, electricity, or gasoline.

2. It is generally conceded that gasoline, with a specific gravity of .76, will give about 15 per cent. greater power than illuminating gas in the same-sized engine cylinder.

3. The weight varies according to grade, but 7 pounds to the gallon is the standard quoted to us by a local oil company.

4. The water should pass from the cylinder at 132 degrees F. This will give the best results with gas or gasoline engines. Should the water become much hotter, the tendency will be to burn the lubricating oil from the cylinder, though with special grades of gas-engine oil, the manufacturers claim there will be no trouble in lubricating their cylinders.

ADMINISTERING AN ESTATE.

A died without a will, leaving a widow, six daughters and one son, the eldest, living in the United States for the last thirty years. A left a small amount of money in the bank, with the understanding that if he died his youngest daughter or her husband could draw the money out for his widow; but when they applied for it at the bank, their names were not on the book. A's youngest daughter went to a lawyer to see what could be done. He advised her to get her mother, or one of the family, to act as administratrix, and get the money out. A's widow not being able to act, asked her youngest daughter to act for her. She did so, and got the money out. Her lawyer also got out a paper for the rest of the sisters and brother to sign, stating that they were satisfied that she had paid the money over to her mother. All signed but the brother. She is not at liberty to pay the money over until he will sign.

1. Could there be a paper got out for her mother to sign, showing that she received the money, and do away with the first paper?

2. Would it clear the daughter in case of trouble after the mother's death?

3. Can the children claim a share, the amount being less than three hundred?

4. Can the daughter charge for acting as administratrix?

5. If so, how much?

6. If a paper signed by widow would do, would it have to be got out by a lawyer, or could anyone write it out?

Ontario. SUBSCRIBER.

Ans.—1 and 6. No.

2. No.

3. Yes.

4. Yes.

5. Just what would be a reasonable compensation for the services rendered, there is no fixed allowance.