

ses

ire and
ee from
antee of

Horses,
e Foal;

agent.

NADA

to use
Oil
Oiler.

ed
Winnipeg
Vancouver

ons
and greys,
reatest

ON, ONT.
No. 18.

ure

the services of your
ers while the horse
back if it falls. Be
mark on every box.

W., Montreal, Can.

SALES

ey are the big kind
culars, and

mbus P. O.
nce 'Phone.

ies Imp.
the best show me
ore character
d fillies.
ric cars every hour.

at the
requi-
P R


orted, and their
the highest and

D. Bell 'Phone

RS &
plon-
uality
QUE.

an-bred. With
rom, I can sup-
fillies, stallions
x, Ontario.

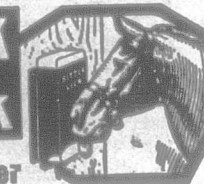
R.M.S.P.



FORTNIGHTLY SAILINGS
— BY —
**TWIN-SCREW
MAIL STEAMERS**
FROM
**St. John (N.B.)
AND
Halifax (N.S.)**
SPECIAL FACILITIES
FOR TOURISTS

For Illustrated Folders, Rates,
etc., apply to the Agents of The
Royal Mail Steam Packet Com-
pany; or in HALIFAX (N.S.) to
PICKFORD & BLACK, Ltd.

BITTER LICK
MEDICATED
Salt Brick



**Great Conditioner
& Worm Destroyer**

Bitter Lick is a compressed salt brick, medicated
with roots, herbs, etc., in such proportion as will
keep horses in excellent condition and free
from worms. Bitter Lick keeps the appetite
keen; all horses like it; tones the digestion and
prevents colic. It has no cheap filler and takes
the place of worm and condition powders, etc.,
keeps horses healthy for only 10¢ a week.

Ask your dealer or write for booklet.
STEELE, BRIDGE SEED CO., LTD., WINNIPEG, MAN.
Wm. Cooper & Nephew, Toronto, Ont.

HICKMAN & SCRUBY
Court Lodge, Egerton, Kent, England
Exporters of Pedigree Live Stock
of all descriptions.

We are the only firm in Great Britain who make
this their sole business, and therefore offer advan-
tages not obtained elsewhere. When our Mr. A. J.
Hickman started this business seven years ago, he
did not know a single foreign breeder. This year
we have exported more stock to order than any
other firm in Great Britain. This is a fact which
talks. The frequency with which we buy stock
from English breeders means that we can do busi-
ness with them on more favourable terms than can
be done by anyone else. No one should import draft
horses, beef or dairy strains of cattle, or mutton
breeds of sheep, without first getting full particulars
from us. Highest references on application.

NOTICE TO HORSE IMPORTERS
GERALD POWELL
Commission Agent and Interpreter
Nogent Le Rotrou, France

Will meet Importers at any port in France or Bel-
gium and assist them to buy Percherons, Belgians,
French Coach horses. All information about
shipping, banking, and pedigrees. Many years'
experience; best references; correspondence solicited.
P.S.—Nogent is in the heart of the Perche
horse district.

5 Yearling Clydesdale Stallions
10 Young Holstein Bulls, 1 Stallion (Imp.)
in dam, others grandsons of Baron's Pride, bulls
got by King Fayne Segla Clothilde, a grandson of
King Segis and Grace Fayne 2nd's Homestead,
35 lbs. butter in 7 days (world's record), and 2
other sire's dams in R.O.P. milking up to 84 lbs
per day, and 16,000 lbs. in 11 months. Write, or
better come and see them (a few Ponies).
R.R. No. 4, Port Perry Ontario, on G.T.R.
Myrtle C.P.R. Bell 'Phone
R. M. HOLTBY

FOR SALE.—Owing to the sudden and unexpect-
ed death of my brother, Arthur Ulliot, of St
Mary's, Ont., I have the following stock for sale at
sacrificed prices:

Clydesdale Stallion
Diamond Cup (Imp.) 12100—15697—rising four
years old. Color, bay with white markings. Sire
Silver Cup; grandsire, Sir Hugo. Shorthorn Bull,
rising one year old; color roan.
ELIZA ULLIOT, ST. MARY'S, ONT.

Notice to Importers
C. CHABOUDEZ & SON
205 rue La Fayette, PARIS, FRANCE

If you want to buy Percheron Horses and
Mares, I will save you time and money and all
trouble with papers and shipment. Will meet
importers at any landing port. I am acquainted
with all breeders and farmers. 30 years' experi-
ence. Best reference. Correspondence solicited

HEREFORD BULLS
FROM IMPORTEL STOCK
Six heifers, one bull.
A. S. HUNTER & SON, r. arham, Ont.

FLETCHER'S SHORTHORNS—Present offering
choice bulls suitable for high-class herd headers,
8 to 11 months, and females all ages. Present
stock bull "Royal Bruce" (Imp.)—55038—
George D. Fletcher, R.R. No. 2, Erin, Ont.
Erin Station, P.R. Long Distance 'Phone

Questions and Answers.
Miscellaneous.

Planting Potatoes.
Is it necessary to hill potatoes if they
are planted about five inches deep?
ENQUIRER.

Ans.—Potatoes will not need hilling up
if they are planted about five inches
deep by plowing in every third furrow.
We have seen excellent crops of tubers
grown by this method. It is necessary
to get the ground in good condition be-
fore planting, and if the potatoes are
plowed in, give it three or four strokes
with the harrow, and harrow from time
to time until the potatoes are up too
high to permit of the operation. This
harrowing saves labor by destroying
young weeds. Potatoes grown in this
manner would not need any dirt thrown
up around them. Of course, if they are
planted with the hoe, or by any other
means, and are not covered deep enough,
some hilling is necessary or the tubers
become badly sunburned.

About Silos.
I hear that concrete foundations for
wooden silos are giving out. I would
like to know if the silage is spoiling the
concrete silos, as I do not want to go
to the expense of building a concrete silo
if they do not stand. What size silo
would I have to build for 50 head of
cattle, about 12 being cows, the re-
mainder all ages, from calves up. I was
intending to build it 38 or 40 feet high.
SUBSCRIBER.

Ans.—It is all nonsense about concrete
foundations "giving out." If the founda-
tion is installed fairly deep in the
ground, and sufficient drainage provided,
there is nothing better than a concrete
foundation for a wooden silo. As for
the silage affecting the concrete, there is
not much danger. They should be
washed inside with cement and water
every year or two, and this will some-
what lessen any affect accruing from the
action of acid in the silage upon concrete.
Your suggestion regarding the height of
the silo is very good, but how about the
diameter? That is just as important.
A silo 15 feet by 38 feet will contain,
approximately, 135 tons. This would
maintain about 37 or 38 mature cows for
180 days, consuming on an average
37 pounds of silage per day. During
this 180 days, 50 cows would consume
180 tons, but you intimate that some
of them are calves, which would lessen
materially the quantity consumed. It
might be wise in your case to make a
silo 15 feet by 40 feet, and this would
insure you sufficient, we believe, for your
quantity of stock, provided there is a
fairly good percentage of calves among
them.

Barren Sows.
1. I have four sows. One of them
had nine pigs November 10th; the other
three are over eight months old. There
has been a boar with these sows all the
time. I have fed them oil cake, shorts,
mangels, mixed chop, offal from cattle;
first one thing and then another. They
have always been fat, but none of them
have ever come in heat. Any advice
which you can give me will be appreci-
ated.

2. How much do mangels depreciate
by freezing?
C. F. K.

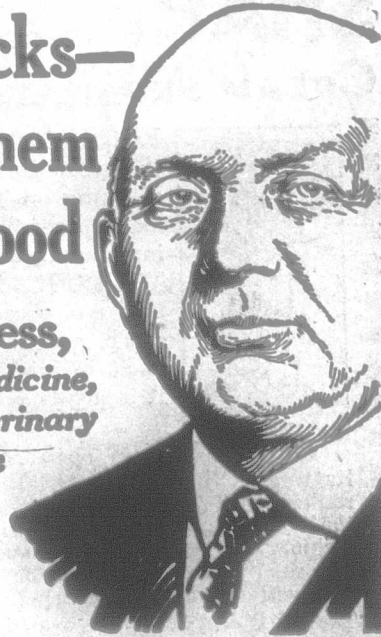
Ans.—1. Coburn writes that a sow is
more liable to become barren because of
over-feeding, and by reason of being too
fat, than from any other cause. This
may bring about a sluggish or non-act-
ing condition of the ovaries, or a closing
of some of the passages by an excess of
fat. In such a case, the proper remedy
is to get her back to suitable condition.
Give a full dose of Epsom salts to move
the bowels thoroughly. Afterward give
all the exercise possible, and then cut
down her feed so she will lose flesh.
For ten days, give her five grains of
iodide of potash night and morning.
Stop for a few days if it makes her sick.
Repeat in two weeks. Keep the boar
away from her for a month, then put
him in a pen next to her, where he can
smell her through a slat partition. If
this does not bring her around, she
should be fattened and killed, as barren-
ness is often incurable.

2. That will depend upon how badly
they were frozen, and whether decomposi-
tion sets in at once or is delayed. If
they are fed as soon as they thaw, there
will be very little difference.

**Save All your Chicks—
Put Stamina into Them
At Babyhood**



**Gilbert Hess,
Doctor of Medicine,
Doctor Veterinary
Science**



The annual loss of young chicks in the United States is staggering.
More than one-half the yearly hatch die before reaching pullet
age—die through leg weakness, gapes and indigestion. Talk about
conservation—think of the millions of dollars that poultry raisers
could save by saving most of these chicks.

Yes, most of them can be saved—saved by starting them on

**Dr. Hess Poultry
PAN-A-CE-A**

Right from the very first feed. During my 25 years' experience as
a doctor of medicine, a veterinary scientist and a successful poultry
raiser, I discovered that, by using a certain nerve tonic and appeti-
tizer, *leg weakness could be absolutely overcome*; that the use of another
certain chemical that is readily taken up by the blood would cure
gapes, by causing the worms in the windpipe (the cause of gapes)
to let go their hold and helping the chick throw them off. By com-
bining these same ingredients with bitter tonics and laxatives, I
found that I could control and invigorate the chick's digestion.

My Poultry Pan-a-ce-a helps put stamina into the chick, strength-
ens and cleanses its system and sends it along the road to maturity,
hardy and robust. Most of the biggest poultry farms in the United
States, where chicks are hatched out by the thousand every day
during hatching season, feed my Pan-a-ce-a regularly.

Dr. Hess Poultry Pan-a-ce-a is the result of my successful poultry
experience and scientific research in poultry culture—there is no
guesswork about it. Ingredients printed on every package. Now
listen to this

Get-Your-Money-Back Guarantee

You buy Dr. Hess Poultry Pan-a-ce-a of your dealer. If it does not
help your chicks grow, keep them well, make your poultry healthy
and your hens lay, he is authorized to refund your money; you
can't possibly lose—Pan-a-ce-a must pay or you get your money
back. Costs a penny a day to feed 30 fowl. 1 1/2 lbs. 25¢; 5 lbs. 85¢;
25-lb. pail \$3.50 (duty paid). Buy of your dealer—Pan-a-ce-a is
never sold by peddlers.

**Dr. Hess
Stock Tonic**

Your stock need this
tonic now to harden
and condition them af-
ter the confined heavy
feeding of winter.
There's nothing better
to put horses in trim for
hard spring and sum-
mer work. Milch cows
need it badly just now
to prepare them for the
heavy milking season
ahead. Dr. Hess Stock
Tonic makes all stock
healthy—keeps them
toned up and expels
worms. Sold under
money-back guarantee.
25-lb. pail \$2.25; 100-lb.
sack \$7; smaller pack-
ages in proportion
(duty paid). Send 2¢
for my new free Stock
Tonic book.

**Dr. Hess
Instant
Louse Killer**

Kills lice on poultry and all
farm stock. Dust the hens
and chicks with it, sprinkle
it on the roosts, in the cracks
or if kept in the dust bath
the hens will distribute it.
Also destroys bugs on cu-
cumber, squash and melon
vines, cabbage worms, etc.,
slugs on rock bushes, etc.
Comes in handy sifting-top
cans, 1 lb. 25¢; 3 lbs. 50¢
(duty paid). I guarantee it.

DR. HESS & CLARK, Ashland, Ohio



Elm Park Aberdeen-Angus and Clydes

We have for sale a few two-year-old heifers by imported bulls and out of imp.
cows bred to good bulls. We also have 3 three-year-old Clydesdale fillies, 2 two-
year-old fillies and 2 yearling stallions. Five of them out of Lord Charming
mares by King Seal, imp. Address: JAMES BOWMAN, Elm Park, Guelph.

"THE AULD HERD"

We have a select lot of females of all ages, and of the best Scotch families for
sale. Also a March bull calf, red, little white, an Orange
Blossom by Broadhooks Ringleader.

A. F. & G. AULD, Eden Mills, P.O. Guelph or Rockwood Stations

SHORTHORNS

produce money-making cattle; some of them
are bred from the best-milking Shorthorns, and the
prices of all are moderate. I have SHROPSHIRE and COTSWOLD rams and ewes of all valu-
able ages. Write for what you want.
I can suit you in quality and price.

I have ten young Shorthorn bulls, some fit for service
now. Part of them are bred, and made so that they are
fit to head the best herds in any country, some of them
are of the thick, straight, good-feeding kind, that will
be bred from the best-milking Shorthorns, and the
prices of all are moderate. I have SHROPSHIRE and COTSWOLD rams and ewes of all valu-
able ages. Write for what you want.
I can suit you in quality and price.

Robert Miller, Stouffville, Ont.

R. O. P. SHORTHORNS - R. O. P. JERSEYS
For the first time we are offering for sale Shorthorn cows and heifers, and Jersey cows and heifers
with official R. O. P. records, with their official records in high-class individuality.
G. A. JACKSON. DOWNSVIEW POST OFFICE, WESTON STATION.

Willow Bank Stock Farm Shorthorns and Leicester Sheep. Herd
established 1856; flock 1948. The imported
Cruickshank Butterfly Roan Chief—60865—heads the herd. Young stock of both
sexes to offer. Also an extra good lot of Leicester sheep of either sex; some from imp
sires and dams.
James Douglas, Caledonia, Ontario

Maple Grange Shorthorns

Pure Scotch and Scotch topped. Breeding unsurpassed. A nice selection in young
bulls, and a limited number
of thick, mottled heifers.
R. J. DOYLE, Owen Sound, Ont.

SHORTHORNS

Our present offering consists of
Nonpareil Lord—87184—Dam
Imp. Dalmay Nonpareil 6th. 7
young bulls from 6 to 12 months old. 15 cows and heifers of choicest quality and
breeding. **A. J. HOWDEN & CO., COLUMBUS, ONTARIO. Myrtle, C. P. R.**
and G. T. R. Long-distance 'phone.