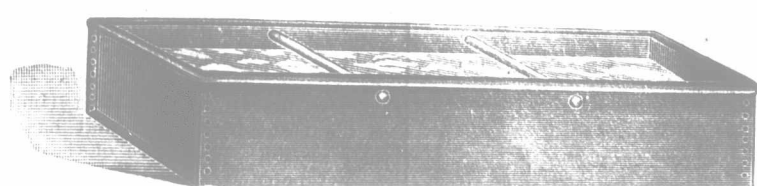


"TWEED" STEEL TROUGHS

PATENTED 1903, 1904.

Your ear, please—for 1906. The "Tweed" Steel Hog Trough made better, improved much, finished slicker, and the price reduced. "Quality up and price down." How is it? That magic word, "machinery," explains it. We have allowed no expense to hinder us making a perfect article at a low price. **50c. per ft.**—we should have more—**50c.** is even money, and it goes. It's the price you wanted. Send order and money, and we do the rest. Every trough guaranteed.

THE STEEL TROUGH & MACHINE CO., Ltd., Tweed, Ont.

BERKSHIRES

Imported and Canadian-bred
H. M. VANDERLIP, Cainsville,
on T. H. & B. and B. & G. division of Grand
Trunk. Telephone and telegraph, Cainsville.
om

HILLCREST HERD OF ENGLISH BERKSHIRES

For Sale: A lot of very choice young things of various ages. We prepay express charges and guarantee satisfaction. Enquiries promptly answered.
Vine Sta., G. T. R., near Barrie.

JOHN LAHMER, Vine P.O., Ont.

Shropshire & Cotswold Sheep

W.W. CHAPMAN,

SCOTCH SHORTHORNS and**CLYDESDALES**

Choice ram and
ewe lambs. Also
50 shearing ewes
for sale. Apply
to

JOHN BRIGHT,
Myrtle Station, Ontario.

SOUTHDOWNS

For Sale: 35 ewes in lamb to the imported rams, Babraham Hodge, Pattern and Glory.

COLLIES

Puppies by imported New York Show winner, Wishaw Hero, out of noted prize-winning dams.

ROBERT McEWEN, Byron, Ontario.

FAIRVIEW SHROPSHIRE

Nearly sold out. Now offer
4 good quality, medium size shearing ewes.
6 choice ewes, 3 to 6 yrs. old, Imp. and home-bred
15 real good ewe lambs; best of breeding.

Young ewes, were bred to St. Louis champion
rain and Altamont, a proved excellent sire.
Aged ewes were bred to Fair Star Rose, the sire
of more winners than any ram in America.

Great bargains offered to clear out season's
offerings. **JOHN CAMPBELL,**
Fairview Farm, Woodville, Ont.

BROAD LEA OXFORDS.

Present offerings are: Ram and ewe lambs
of the low-down, blocky type.
Also Yorkshire boar and sows five months old,
of improved bacon type.

A number of nice Barred Plymouth Rock
cockereels at reasonable prices.
Correspondence promptly answered.

R.R. Stations: **W. H. ARKELL,**
Mildmay, G. T. R. Teeswater, Ont.

DORSET HORN SHEEP and**SCOTCH SHORTHORNS**

The latter representing the Nonpareil, Miss
Ramsden, Missie and Gloster families exclusively,
and the former comprising more Royal win-
ners and more St. Louis prizewinners than any
other flock in the world. Stock for sale always
on hand.

JOHN A. McGILLIVRAY, Ontario

100 Shropshires & Cotswolds 100

One hundred head for sale. Ten
shearing rams, fifty ram lambs, and
sixty shearing ewes. Rams are good
enough to head any flock. The
ewes are a choice lot and will be bred
to imp. ram.

John Miller, - Brougham, Ont.

HIDES**SHEEPSKINS, FURS**

Consignments Solicited. Top Prices.

E. T. CARTER & CO., TORONTO

Oxford Down Sheep, Shorthorn Cattle,
Yorkshire Hogs.

Out offering: Lambs of either sex. For
particulars, write to **John Cousins & Sons,**
Bloss Vista Farm, o Harriston, Ont.

SHROPSHIRE

One ram and ewe lambs for sale; also
one aged ewe.

CF. HINDMARSH, Ailsa Craig, Ont.

QUESTIONS AND ANSWERS.
Miscellaneous.**SHARING AN ESTATE.**

A and B have been married twenty-two
years, but have no children. Could A's
brothers and sisters claim a share of his
property in case he should die before B,
not having made a will, and never hav-
ing received any portion from his father?
Ontario.

G. H.

Ans.—Yes; they would be entitled to a
portion of all estate over what would be
sufficient to pay the debts and funeral
and testamentary expenses and \$1,000
to B, the widow.

**THICKNESS OF CONCRETE WALL FOR
HOUSE MIXING CONCRETE.**

1. If walls for dwelling-house, 36 x 40
feet, are built of cement concrete, would
12 inches thick be strong enough for
walls 27 feet high?

2. Which method makes the better wall,
to use a frame, which is raised as the
wall is built, putting in the concrete
mortar moderately dry; or to make a
sort of box for the wall with ship-lap,
pour the concrete into this quite wet, and
allow the box to stand until some time after
the wall has been completed, field stone
being used to fill in center of wall in
both cases?

W. C. S.

Temiskaming Dist., Ont.

Ans.—1. Quite strong enough. The
upper story might, with perfect safety, be
reduced to a thickness of nine inches.

2. The only advantage the latter
method would have over the former
would be that no air spaces would be
left in the concrete, it would be perfectly
solid. If, when concrete mortar is used
moderately dry, it be rammed until all
interstices are filled—until water shows—
it will be as strong as the other. A
mason who makes a specialty of building
concrete walls, says that he prefers
mortar rather wet, because he cannot get
his men to ram it sufficiently when on
the dry side.

**CRUSHED STONE OR GRAVEL—CAPACITY
OF SILO—OCTAGON MEASUREMENT.**

1. Which is better, crushed stone or
gravel, for cement silo?

2. What size should the crushed stone or
gravel be?

3. How do you estimate capacity of
silo in tons?

4. Given the length of one side of an
octagon, how can one find its width?

5. Given the length of one side of an
octagon, how can one draw remainder of
figure?

W.

Ans.—1. Crushed stone would probably
make the strongest wall, but as gravel is
good enough, it may as well be used, un-
less the other can be got as cheaply.

2. Gravel should be of no one size, but
of all sizes, from coarse sand up to
stones two inches in diameter. Stones
of any size, whether broken or whole,
may be imbedded in the concrete, so long
as they are under the surface on both
sides.

3. To estimate the capacity of a silo
in tons, first find the capacity in cubic
feet. The formula for this is $22 \div 7$ times
the square of the radius, multiplied by
the height. A silo 12 feet in diameter
and 25 feet high would have a capacity
of $6 \times 6 \times 25 \times 22 \div 7 = 19,800 \div 7$ cubic feet.
The average weight of a cubic foot of silage
is 40 lbs., which means that 50 cubic feet
weigh a ton. The capacity of our silo
in tons would thus be $19,800 \div 7 \div 50 =$
 $56 \div 7$ tons.

4. Multiply the length of one side by
2.414 and you have the diameter from
center to center of opposite sides to
within the nearest fraction.

5. Here is a homemade formula: Take
two pieces of board, each the exact
length of one side of octagon. Join
them together at the proper angle, which
is just half way between a line extended
straight and one turned at right angles,
or square across. Using this implement
mark two sides, then shift and mark an-
other, and continue until the figure is
complete. Or, describe a square, each
side of which is length of one of the
sides of octagon desired. Then extend
each of the four lines forming the sides
of square a distance of .707 of the length
of the line itself in both directions. Join
by straight lines the points of the eight
lines extended, and you have the octa-
gon.

**Ring-
Bone**

So common nearly every
body knows it when he sees it. Lameness, and
a bony enlargement just above the hoof, or
higher and on the upper pastern bone, some-
times extending nearly around the part, some-
times in front only, or upon one or both sides.
Cases like the latter are called Sidebone.

No matter how old the case, how big the
lump, how lame the horse, or what other
treatment has failed, use

Fleming's**Spavin and Ringbone Paste**

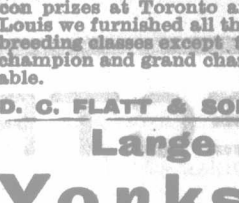
Use it under our guarantee—money refund-
ed if it fails to make the horse go sound.
Often takes off the lump, but we can't prom-
ise that. One to three 45-minute applica-
tions required and anyone can use it. Get all
the particulars before ordering—write for
Free Men's Book that tells you what to use
for every kind of blemish that horses have.

FLEMING BROS., Chemists,
44 Front Street, West, Toronto, Ont.

LARGE ENGLISH YORKSHIRES

Pigs of the
most im-
proved type,
of both sexes,
all ages, for
sale at all
times. We
have more
imported ani-
mals in our
herd than all
other breeders in Canada combined. We won
more first prizes at the large shows this year
than all other breeders combined. We won
every first but one and all silver medals and Be-
con prizes at Toronto and London, and at St.
Louis we furnished all the first-prize hogs in the
breeding classes except two; also supplied both
champion and grand champions. Prices reason-
able.

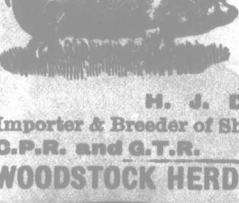
D. C. FLATT & SON, Millgrove, Ont.

Large White**Yorkshires**

A choice lot of young
boars ready for ser-
vice, young sows ready
to breed, and young
pigs all ages; all direct
from imported stock of
choice quality.

H. J. DAVIS,

Importer & Breeder of Shorthorns & Yorkshires
C.P.R. and G.T.R. Woodstock, Ont.

WOODSTOCK HERD OF BERKSHIRES

A few fall pigs left,
sired by Imp. Polgate
Doctor. Also am book-
ing orders for spring
pigs, for which I can
supply pairs not akin
at reasonable prices.

DOUGLAS THOMSON, Woodstock, Ont.

ORCHARD HOME HERD OF**LARGE ENGLISH YORKSHIRES**

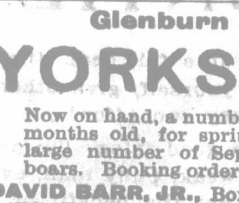
Now on hand, Feb. 8th: A choice lot of boars
and sows, 3 to 4 months old. We furnish stock
of most approved type and high quality. Our
record for 1905: Every customer pleased and
satisfied. Place orders now for spring pigs.

S. D. CRANDALL & SONS, Cherry Valley, Ont.

Glenburn Herd of**YORKSHIRES**

Now on hand, a number of sows, 5 and 8
months old, for spring farrow; also
large number of September sows and
boars. Booking orders for spring pigs.

DAVID BARR, JR., Box 3, Renfrew, Ont.

Oakdale Berkshires

Of the largest strains.
Imported fresh from
England. The produce
of these and other noted
winners for sale reason-
able. Let me book your
order for a pair or trio not akin.

L. E. MORGAN, Milliken Stn. and P.O.

MONKLAND YORKSHIRES

Imported and Canadian-bred.

We keep 35 brood sows, and have constantly on
hand between 100 and 200 to choose from. Can
supply pairs and trios not akin. Quality and
type unsurpassed. Prices right.

JAS. WILSON & SONS, FERGUSON, Ont.

G. T. R. and C. P. R. Long-distance Phone

YORKSHIRES

Young boars fit for service. Sows bred or
ready to breed from choice imported stock. Also
young pigs for sale—reasonable.

For particulars apply to

GLENHODSON CO., Myrtle Station, Ont.

C. P. R. and G. T. R. **LODGE FOSTER, Mgr.**

For Sale

Ohio Improved Chester Whites, the
largest strain, oldest established reg-
istered herd in Canada; young sows in farrow;
choice young pigs, six weeks to six months old;
pairs not akin; express charges prepaid; pedi-
grees and sale delivery guaranteed. Address:

E. D. GEORGE, Putnam, Ont.