

You Can Save Time and Labor
for Yourself by Purchasing a

HOG MOTOR

Our Claim: "With the Motor each and every
farmer can successfully feed pigs"

THESE machines are in use in Great Britain, every State in the Union, each Province in Western Canada, 400 in Saskatchewan, and for over two years a number have been in use in Ontario, two being on the farms of Anson and Noah Brubacher at St. Jacobs.

These machines have so completely satisfied the owners and users that, after having held a series of investigations of results of using the Motor, we have decided to enter upon a genuine selling campaign throughout Ontario, with the intention of selling one or more Motors to every farmer or hog feeder.

A twelve months' test by any feeder will convince him there is no other successful method of feeding pigs during winter than by the Motor.

By the use of the Motor the pig feeder finds pig feeding just as pleasant and profitable during the winter season as in summer; the Motor controlling the feeding, thus preventing gorging, thereby eliminating stomach trouble and rheumatism.

Those who have used the Motor for a couple of winters say the machine reduces feeding to a science.

It is possible to have hogs feeding on the Motors several days without even looking at them, and in busy times or when from home the usefulness of the Motor can be appreciated.

Our price, \$42.50, for the Motor, f.o.b., Galt, makes it within reach of every farmer, but owing to greatly increased cost of material the price will be \$45.00 commencing October 1st. You can see the Hog Motor in operation on a farm at Listowel, and if desirous of investigating its merits, make the trip as early as possible, and order your Motor for delivery in time for the new crop.

Figure out the loss to yourself and neighbors by hogs crippling during the winter the past five years.

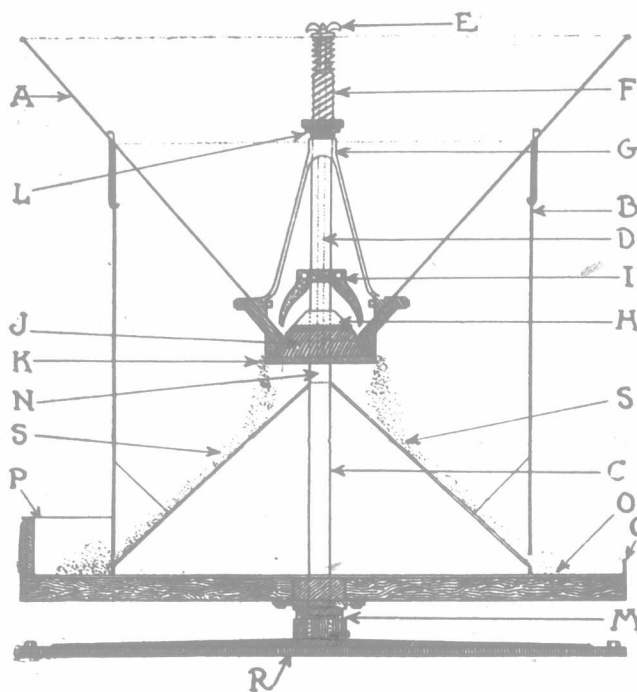
Figure out the number of hogs you would now be keeping were it not for stomach troubles during the cold season; you will decide to buy a Motor just as soon as this has been done.

A Motor to each Ontario farmer will mean 25% more pigs for the summer of 1916, and the country will need them.

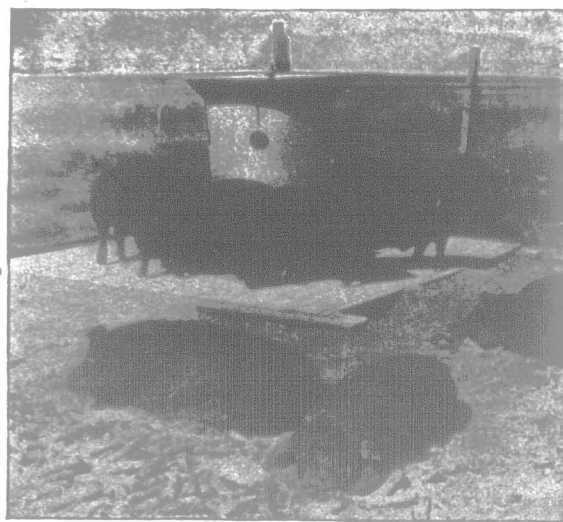
All shipments made at \$42.50 per Motor f.o.b. Galt, Ont.

Address all correspondence to

**THE CANADIAN
HOG MOTOR CO., LIMITED,
Listowel, Ont.**



Showing the interior of the Hog Motor.



The only way to insure healthy hogs during winter.

IMPROVED Yorkshires

FOR SALE—Young sows just being bred, also a few choice pigs, both sexes, 12 weeks old (only a few left). All will be registered.

WELDWOOD FARM
FARMER'S ADVOCATE
London, Ontario

SUNNYSIDE STOCK FARM
Champion herd at
Chester White Swine
Fairs; also Dorset Horn Sheep, young stock
of both sexes for sale.
W. E. Wright & Son, Glanworth, Ontario

Elmfield Yorkshires A few young sows
bred, also young
boars and sows 2 to 3½ months from choice breeding
stock. Can supply pairs not akin. G. B.
Muma, R.R. No. 3, Ayr, Ont. Phone Ayr R.R.
55 ring 2. G.T.R., Paris or Drumbo; C.P.R., Ayr.

CLEARVIEW CHESTER WHITES
For many years my herd has won the highest
honors at Toronto, London, Ottawa and Guelph.
For sale are both sexes of any desired age, bred
from winners and champions.
D. DeCoursey, R. R. No. 5, Mitchell, Ont.

Tamworths Buy your hogs now, as they
will be very scarce this fall.
I have a nice lot of boars
and sows four to five months old; prices reasonable.
Herbert German, St. George, Ontario

Morrison TAMWORTHS & SHORTHORNS
Bred from the prize winning herds of England.
Boars and sows all ages 150 head to choose from.
Choice Shorthorns both sexes, good milking strain,
one Clydesdale colt two-year-old bred from imp.
stock. CHAS. CURRIE, Morrison, Ontario

Silo Curbs for Sale—Complete outfit for
building concrete silos, including
curbs, hoist, circular platforms, block and tackle,
etc. Cost over \$250. Will sell for \$100.
W. A. INGLEHART, Oakville, Ont.

Fire!!! Lightning

Protect your crops, your cattle—and your
buildings. Any building you erect can
be made better if you get our expert help.
No charge for plans. Ask for "Better
Buildings" the best book of its kind on fire-
proof farm buildings.

The Metal Shingle & Siding, Company, Limited, Preston

**STEEL TRUSS BARNS
PRESTON SHINGLES
ACORN IRON
READY MADE
BUILDINGS**

Poland-China Swine Duroc Jerseys,
Berkshires and
Chester Whites, also Dorset Horn sheep. Young
stock of both sexes. Come and see, write or phone.
CECIL STOBBS, Leamington, Ontario
Phone 284.

Tamworths Young sows bred for fall
farrow and some choice
young boars. Registered.
Before buying write for prices
JOHN W. TODD, R. R. No. 1, Corinth, Ont.

DUROC JERSEY SWINE, JERSEY CATTLE

In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for
generations back. In Jerseys we have young cows in calf and young bulls, high in quality and
high in producing blood.

MAC CAMPBELL & SONS

NORTHWOOD, ONT.

Newcastle Tamworths and Shorthorns Boars ready for service. Sows due to
others bred and ready to breed and a lot of both sexes ready to wean. Descendants of imp. and
championship stock. Several extra choice young bulls and heifer calves, recently dropped; grand milk-
ing strain, 2 bulls 5 and 8 months old. All at reasonable prices.
A. A. COLWILL, NEWCASTLE, ONTARIO



ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows, together with the stock boar, Suddon Torredor, we
can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.
H. M. VANDERLIP, Breeder and Importer, CAINSVILLE, ONTARIO
Langford Station on Brantford & Hamilton Radial.

Yorkshires and Barred P. Rocks

pure-breds, SUNNYSIDE STOCK FARM. Offering never so good, the champion still at the
head. Barred P. Rock eggs in
season. Write us your wants.

Wm. Manning & Sons, Woodville, Ont.

Questions and Answers. Miscellaneous.

Seed Corn.

Kindly say will corn that is good seed
for planting now, germinate a year
hence if it is kept in a dry place?

Ans.—Yes.

Cider Vinegar

I have a barrel of cider that has
worked too much for cider. Could you
tell me how to make it into vinegar?

F. S. R.

Ans.—Keep the bung out of the barrel.
A cotton wad might be placed in to
prevent rapid evaporation. Add an
ordinary yeast cake for every five gal-
lons of cider to hasten fermentation.
Dissolve the yeast cake in a cup of water
before adding. When fermentation is
complete add mother of vinegar, which
may be obtained by mixing old vinegar
and hard cider in a shallow, uncovered
crock, and keeping at a temperature of
80 degrees F. In a few days a scum
will form on this. This gelatinous coat-
ing is mother of vinegar, which should
be placed on the surface of the cider in
the barrel.

Strawberries Die.

Last fall I set out some strawberry
plants, and on account of the open win-
ter the larger half of them winter-killed.
What are left now are dying (or, rather,
a good share of them). On pulling
them up I find that the roots are dead,
and there appears to be a number of
small, white worms, about half the size
of a needle and about a quarter of an
inch long working in them.

1. Is that what is killing them?
2. What can be done to kill the worms
if that is the cause of the plants dying?
3. What causes the buds to break over
and die? There appeared to be some-
thing girdling them just before they
open. I might say that the ground
these strawberries were on had barley
last year and turnips the year before.
Before that it was an old garden spot.
4. Would that have anything to do
with the worms being there?

A. S. B.

Ans.—1, 2, 3 and 4. So far as one can
judge from A. B.'s letter, the death of
the strawberry plants that survived the
winter should be attributed to the in-
jurious effect of the winter on the roots,
and possibly to the soil not being well
adapted for growing strawberries. There
is a great deal of winter injury, not
only to plants like strawberries, but also
to fruit trees that does not make itself
evident until later in the season, and
especially until after a period of drought
such as we had this year in June. With-
out having a chance to see the small
worms found on the roots, I should
judge that these were merely some of
the worms that commonly live in the
dead and decaying roots of plants, but
that do little or almost no damage to
healthy plants.

The girdling of flower stems and the
breaking over and dying of these before
the blossoms open are the result of at-
tacks by the Strawberry Weevil, a very
tiny snout beetle, dark brown or grayish-
black in color, and about one-tenth of
an inch long. The female lays her eggs
in the blossom, and where the little
grub on hatching feeds upon the pollen.
The stem is cut to prevent the further
development of the flower. This is our
worst strawberry insect pest. Fortu-
nately, natural forces do much to con-
trol it, so that it is not troublesome every
year. Keeping the strawberry plantation
clean and rotating it if possible so that
only two crops are taken off the same
ground, will help to control the pest.
Imperfect varieties are seldom much at-
tacked, so that the planting of a con-
siderable proportion of these will tend to
lessen the total injury. It is claimed
that spraying the plants heavily a week
or two before blossoming with three
pounds of arsenate of lead to forty gal-
lons of Bordeaux mixture will help to
control the weevil. We have not, how-
ever, had a chance to test this remedy.

The value of mulching strawberry plants
heavily with straw has been very evi-
dent in Norfolk county this year. Our
work here during the summer has en-
abled us to see the benefit of this very
clearly. It is not, however, a remedy
for weevils.

L. CAESAR.