

THE American Well Works

AURORA, ILL., U. S. A.
CHICAGO, ILL. DALLAS, TEXAS.

Build the Standard BORING, COR-
ING or ROCK PROSPECTING
MACHINERY

Your Traction Farm Engine will suc-
cessfully drive, in prospecting, that
OIL, GAS or WATER problem.

Also build FULL LINE heavy PUMPING MACHINERY.
Catalog mailed on request.



Washed in 1 minute

Count the pieces—notice the dif-
ference—and you'll understand why the
one who has to do the cleaning prefers the
simple Sharples Tubular.

There are other advantages just as much
in favor of the Tubular. Write today for
catalog V-186—it tells you all about the gain,
use, and choice of a separator.

The Sharples Separator Co.
West Chester, Pa.

Toronto, Can.

Chicago, Ill.

A Big Difference

One Minute's Washing as compared to
at least fifteen. Wouldn't you like to save
at least fourteen minutes twice a day?
One minute with a cloth and brush cleans
the absolutely simple Sharples Dairy Tubular
Cream Separator bowl shown in the upper
picture. It takes fifteen minutes to half an hour
with a cloth and something to dig out dents,
grooves, corners and holes to clean other
bowl—one of which is shown in lower picture.



Washed in 15 to 30 minutes

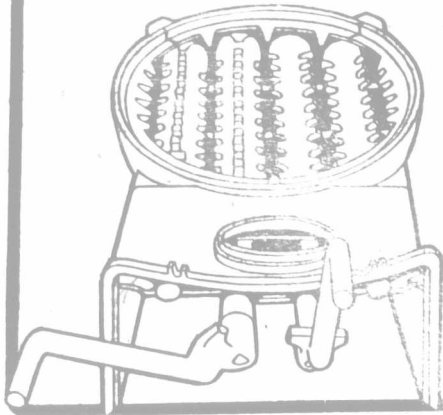
Sunshine Furnace

The "Sunshine" furnace and
"sunny" ways are synonymous.

The cold, dreary winter days can
be made cheery and warm with a pure,
healthful heat if you have a "Sunshine" furnace.

Is easier to operate, cleaner, uses less fuel and
"shines" in many other ways over common furnaces.

Two shakers are used to shake the heavy, triangular-
shaped grates. This just cuts the work of shaking-
down in half, besides being easier on the furnace than
the old one-shaker style.



Sold by enterprising deal-
ers everywhere.

Booklet free.

McClary's

LONDON, TORONTO, MONTREAL, WINNIPEG,
VANCOUVER, ST. JOHN, HAMILTON.



SIR WILFRED LAURIER
PRIME MINISTER OF CANADA
SUNNY WAYS

Mention THE FARMER'S ADVOCATE when answering advertisements.

condition, with the pores and digestive
system in their highest state of perfec-
tion. The nearer we can approach to
this ideal condition in our winter feeding,
the better the results that may be ex-
pected. Linseed meal, as a part of the
grain ration, helps to put the animal in
summer condition; hence we have here
a part of the success from feeding oil
meal to cows, fattening animals and
sheep. In our own experiments, five
pounds of linseed meal per day to milch
cows and fattening steers and two
ounces per day to sheep was the
maximum.

Oil meal gruel furnishes one of the
best substitutes for cow's milk in rearing
young calves. In making my annual
report for 1889, I stated that for young
calves, gruel is best prepared by adding
one ounce of old process linseed meal to
one pound of water and bringing the
whole to a boil; while for older calves,
two ounces of old process linseed meal
to the pound of water, should be em-
ployed. On this feed we have excellent
results in rearing young calves weaned
from their mothers.

The Old Country farmer values
linseed meal for another reason, viz.,
for its manurial value. One ton of lin-
seed meal will contain on an average
not less than

	Pounds per Ton.
Nitrogen.....	100
Phosphoric acid.....	38
Potash.....	23
Lime.....	12

To purchase the equivalent of this
amount of fertilizing matter in the form
of a commercial fertilizer would cost the
farmer not less than eighteen to twenty
dollars. The single crop idea is destruc-
tive of fertility, but more than that,
farmers are fast selling their store of
wealth in the bushel measure, sending
it East in the form of wheat bran and oil
cake. This should be consumed upon
our Western farms, converted into
finished products—meat and butter—to
be shipped to supply the great markets
of the world.

HUMOROUS

A young Northern woman once went
out to visit the famous old chapel and
cemetery of St. Roch, near New Orleans.
The eccentric old Frenchman in charge
was delighted to show her about, and
when they came to one of the "stations"
where hung a painting of the Crucifixion,
wishing to make sure of a firm founda-
tion for her appreciation of the subject,
he inquired:

"Madame is an artist?"
"No," modestly replied "madame,"
"only a student."

The old man was visibly disappointed,
but, taking new courage, he tried again:
"Madame has traveled much. Per-
chance to Paris?"

"No," replied the lady, with proper
regret, "I have never been to Paris."

Increased disappointment, almost
reaching the point of disapproval, but
followed by another brave attempt at
establishing mutual interest and under-
standing:

"Madame is a good Catholic?"
"No," sadly replied the unfortunate
woman, a trifle uncomfortable, although
amused.

"Well," in desperation, "this painting
is by a great artist—a French artist who
lives in Paris. It represents the Christ
who long ago was crucified upon a cross.
You have heard of Him?"

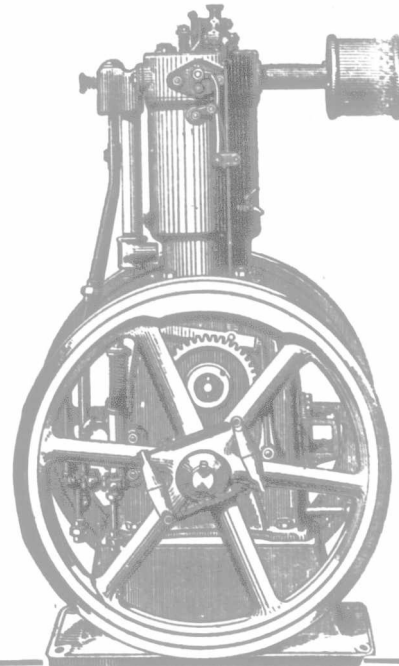
"You know," said a "smart" young
man to a girl, "some one has said that
if you would make a lasting pair of
boots take for the sole the tongue of a
woman."

"Yes," replied the girl, "and for the
uppers you ought to take the cheek of
the man who said it."

An old farmer and his wife were
attending church service one hot Sab-
bath day. The windows were open
and the noisy chorus of the crickets was
distinctly audible. In due course the
choir sang an anthem, and the old man,
a music-lover, listened enraptured.
At its conclusion he turned to his wife
and whispered:

"Aren't that glorious and divine,
Mimie?"

"Yes," she answered, "and to think
that they do it all with their hind legs."



Gasoline Engine Superiority

When a man invests in a farm power, he
owes it to himself to get the best that can
be bought for the money.

The modern business farm can no longer
be successfully operated without a power of
some kind.

The best, most economical, and safest
farm power is a gasoline engine.

The best engine is the

I. H. C. Gasoline Engine.

Why? Well, because it's so simple, easily
kept in order and operated definitely.

It develops the full rated horse power
and sustains it against the heaviest load.
It's safer, cheaper and more efficient than
steam power.

It's adaptable to any and every use re-
quiring a power.

Among its many uses may be named:

Grinding and Cutting Feed;
Pumping; Sawing Wood;
Separating Cream; Churning;
Etc.

I. H. C. engines are made in the following
styles and sizes:

Vertical, 2, 3, 5 Horse Power.
Horizontal, Portable and Stationary, 4, 6, 8,
10, 12, 15 Horse Power

If not intending to purchase an engine now,
you may want one in the future and really
ought to know more about them.

Call on the International Agent for infor-
mation or write nearest branch
house for catalog.

Canadian Branches: Calgary, London, Montreal,
Ottawa, Regina, St. John, Toronto, Winnipeg.

INTERNATIONAL HARVESTER COMPANY
OF AMERICA, CHICAGO, ILL., U. S. A.
W. C. (INCORPORATED)

A BAD CASE

OF

KIDNEY TROUBLE

CURED BY

DOAN'S KIDNEY PILLS.

Kidney Troubles, no matter of what
kind or what stage of the disease, can
be quickly and permanently cured by the
use of these wonderful pills. Mr. Joseph
Leland, Alma, N.W.T., recommends them
to all kidney trouble sufferers, when he
says:—I was troubled with dull head-
aches, had frightful dreams, terrible
pains in my legs and a frequent desire to
urinate. Noticing DOAN'S KIDNEY
PILLS recommended for just such annoy-
ances as mine, it occurred to me to give
them a trial, so I procured a box of
them, and was very much surprised at
the effectual cure they made. I take a
great deal of pleasure in recommending
them to all kidney trouble sufferers.

Price 50c. per box, or 3 for \$1.25; all
dealers or The Doan Kidney Pill Co.,
Toronto, Ont.

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MENTION THE FARMER'S ADVOCATE