

ator

around the
there will
right hand
incubators
the opening
to the nurs-
has this row
the empty
side of the
removed and
the few odd
can be placed
part of the
to turn the
l the end of
after putting

t plan is to
given by the
In general,
practice to do
the tenth day,
chick is usually
re a day (pre-
a sufficient
eggs to feel
touch of the



the best size to get
a set enough eggs to
and hatch are a
larger machines.

The length of
em down to this
on the tempera-

the ninth day,
eighth day. Re-
blood rings and

week of the hatch-
tor door may be
ng while turning
ht while cooling
om is not colder
insures a com-
in the incubator
or hatch. If this
portant that the
ell with heat at
as possible after
incubator.

should be opened
ons given by the
kes of incubators
ept closed until
and then opened
full width on the
e in others they
starting on the
fter the eggs have
or ventilators are
full width by the
s the evaporation

d in shallow pans
or so of sand in
ly help to produce
e sand should be
ut the period of
r these pans are
the egg tray will
em of ventilation

he first eggs are
entilators. If the
ing for the chicks
nursery below, it
so that this is at
chicks hatch they
rd to the light and

drop down into the nursery, where they
will dry off.

17. Do not open the incubator door
while the hatch is coming off, as cold
air rushing in will check the hatch.

18. The best hatches as a rule are
those which start hatching the two-tieth
day; all come out quickly and about the
same time.

19. Very few chicks that are unable
to get out of the shell will amount to
anything, even if they are helped out.

20. As soon as all are hatched the
egg tray should be taken out, the ven-
tilators opened and the incubator door
slightly opened to allow the circula-
tion of fresh air to "harden off" the
chicks.

THINK 15 TOO MANY FOR SETTING

Since feed rose in price it seems to
us the demand for pure-bred poultry
has fallen off in a lamentable manner,
not only from the producers' stand-
point, but on a larger scale. There is
certainly room for improvement on the
average farm and if very few farm-
ers are to trouble to keep their flocks
up to even present standards until feed
falls again their past expenditure in
proving their stock is wasted, and it
will put many breeders out of business.
As you are probably aware there never
was a large margin of profit in raising
pure-bred poultry if any account is
taken of the extra care and trouble in-
volved, and with the present price of
feed and labor I believe in many cases
it would pay better to beef all one's
spare cockerels, though anyone hav-
ing really good birds would hate
to do so. But advertising costs
money, shipping crates are not made
for nothing, then one as to com-
pete with small beginners who ad-
vertise at a figure at which it is im-
possible to produce first-class stock.
Yet after having culled one's stock
thoroughly in fall if one advertises
the poorer of the remaining birds at a
low figure, say \$2.00 or \$3.00 after
having wintered them on \$2.00 wheat,
while many purchasers are thoroughly
satisfied many more do not even trouble
to acknowledge receipt of birds and one
or two write letters which plainly show
they expected to get for the ludicrous
sum mentioned a bird which would
stand a good chance of the prize at
Winnipeg or Toronto!

On the other hand we know from
bitter experience when we were be-
ginning, many advertisers ship birds
which belong to the soup pot.

In reference to our correspondence
of last June, re. setting 12 or 15 eggs,
we have found out that there is a very
deep-rooted superstition against setting
an even number of eggs. Thirteen would
be all right but a square box which will
hold 13 will hold 15 and if one or two
eggs are not fertile, as may sometimes
happen even with the best of care, or
or there are one or two cracked with a
setting of 15 there may still be a
good hatch. But I maintain it is too
many eggs for the average hen, espe-
cially in the earlier part of the season
and you would be doing a service if
you advised farmers to divide those
settings for which they have paid a
good figure and set under two and thus
avoid having "all their eggs in one
basket."—E. Hamersley, Hafford, Sask.

It might help all your poultry ad-
vertisers considerably if you would
point out that undoubtedly the most
satisfactory way to improve the average
flock of hens is by buying a good cock-
erel or two each year and now is the
time. The supply is so low this year
it is doubtful if it will even be sufficient
for the limited demand.

Apologizing for troubling you with
so many matters,

Yours truly,
BALMOSSIE FARMS, Ltd.,
Per E. Hamersley.

Be careful not to underfeed. There
is more underfeeding than overfeeding
done in farm flocks. A wild scramble
for the feed when it is thrown down on
the floor and the hens falling over each
other in their rush to get it is an in-
dication of underfeeding. Feed just so
much that the hens will be eager for
the feed and yet not be thin and
starved. Feed often.

WISCONSIN INCUBATOR AND BROODER

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130 Egg
INCUBATOR
130 Chick Brooder
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and Duty
PAID

If ordered together we send both machines for only \$15.75 and we pay all freight and
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Man. and Toronto, Ont. Orders shipped from nearest warehouse to your R. R. station.
Hot water, double walls, dead air space between, double glass doors, copper tanks and
boilers, self-regulating. Nursery under egg tray. Specially adapted to Canadian cli-
mate. Incubator and brooder shipped complete with thermometers, lamps, egg testers
ready to use when you get them. Ten year guarantee—30 days trial. Incubators in-
cluded in natural colors showing the high grade California Redwood lumber used—not
painted to cover inferior material. If you will compare our machines with others, we
feel sure of your order. Don't buy until you do this—your money's worth—15 days to inspect
before you pay. Remember our price of \$15.75 is for both incubator and brooder and pre-
pays freight and duty charges. Send for FREE catalog today, or send in your order and save time.



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TANKAGE. WRITE US FOR LITERATURE

P. BURNS & CO. Limited VANCOUVER, CALGARY,
EDMONTON



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quickly and well. Farm and firing line must
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America's acres must yield more than ever before.
But the task of stimulating production is hedged
about by difficulty.

Munition plants and factories have steadily drained
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unskilled farm hands in the
first draft class. Over a
million horses already have
been shipped abroad and
the needs of our own army
are yet to be filled.

You must replace muscle with machine.

The Cleveland Tractor will plow 3½ miles an
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ing, is of equal advantage in harvesting, mowing,
discing, spreading manure and other hauling work.

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It weighs less than 3200 pounds and has 600 square
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