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cure Lump Jaw was
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and it remains today the standard treat-
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Therefore, the fifth series of London
wool sales, which closed October 4 at
advance prices, has strengthened the
value of wool everywhere. Through-
out the sales, merinos experienced a
ready sale, owing to increased con-
sumption, and prices advanced 10 to
15 per cent. Crossbreds were not in
good condition and medium and coarse
eased at the opening, but closed firmer,
unchanged to 5 per cent dearer. Fine
grades sold briskly at an advance of
7½ per cent. Cape of Good Hope and
Natal averaged 5 per cent. dearer.
—The Commercial.

Some idea of the immense quality of
poultry and game consumed on ocean
steamers plying between this continent
and Europe, may be had from the
quantity recently carried by the new
Cunard Line steamer *Lusitania*, the
stock being intended to last one trip
of approximately five days. She had
500 fowls, 894 broiling chickens, 800
roasting chickens, 250 capons, 348
ducklings, 124 ducks, 400 quail, 440
partridges, 440 grouse, 136 French
poulards, 376 turkeys and 200 lbs.
venison. The quantity of eggs was
40,000 and butter 1,792 lbs.

At a recent sale of registered Poland
China hogs at Eldon, Mo., one litter of
Poland China pigs, four boars and two
sows, sold for \$13,060. First and sec-
ond choice at \$5,125 and \$4,250.
An eight months sow pig sold at \$1,530.
This is the highest price ever paid for
a gilt. The entire offering of forty-
three head sold at an average of \$585
per head.

Two hundred and fifty dollars were
paid the other day at the National
Corn Exposition in Chicago for a
single ear of corn. This ear con-
tained 1,200 kernels and sixty of its
kind would represent a bushel. An
acre of such corn would yield 7,100
ears which if sold at the same price
as this one would amount to \$1,775-
000. While all this is without the
realm of practical achievement, it is
interesting as showing the advance-
ment made in recent years by Amer-
ican corn growers.

The scarcity of livestock cars has
revived in Texas the old practice
of driving the cattle to market.
Lately 1300 steers were driven 250
miles across the country into Kansas
and being still unable to procure
cars there, the journey marketward
was continued on the hoof.

The U. S. Department of Agricul-
ture is taking steps to further secure
that hides imported into the country
shall not be the means of carrying
infectious disease into American herds.
In a regulation just issued it is pro-
vided that all imported hides must
be subjected to treatment with a 1 to
1000 solution of bichloride of mer-
cury before entry. Formerly, they
were merely fumigated with sulphur,
which did not destroy the Anthrax
spores. In addition, greater care is
to be exercised in the importations
of South American hides which are
often a medium for the dissemina-
tion of foot and mouth disease and
other livestock maladies.

The production of cement in 1905,
according to figures compiled by the
United States geological survey, a-
mounted to the enormous total of 51-
000,445 barrels, valued at \$55,302-
277, exceeding by more than 10,000-
000 barrels in quantity and nearly
\$20,000,000 in value the production
of 1905, which was considered a record
year. Most of the products was Port-
land cement. Although the prices
at which cement was sold in 1906
were higher than those which prevail-
ed in 1905, the survey says that they
were not inflated but resulted from a
normal growth in demand. The heavy
demand has, of course, been due to
the great increase in building opera-
tions and construction work of vari-
ous kinds.

SAVING BY-PRODUCTS.

This is an era when great fortunes
are being amassed by small econom-
ies. By-products that formerly went
to waste are now manufactured into

useful articles of commerce. Pro-
bably the packing industry at Chi-
cago has achieved the greatest eco-
nomic triumphs in the manufacture
of by-products into commercial nec-
essities. So comprehensive is the
work prosecuted that it is said that
every part of the slaughtered animal
is utilized except the "squeal" of the
hog.

The hair, bristles, blood, horns,
hoofs, legs, bones and intestines are
now manufactured into useful arti-
cles. Albumen is obtained from the
blood of slaughtered animals and is
largely used by sugar refineries, tan-
ners and calico printers. From the
bones of the feet of cattle are made
handles for knives, toothbrushes, chess-
men and many other articles usually
made of ivory. The horns are manu-
factured into combs, buttons and many
other useful articles. Glue, fertiliz-
ers, pepsin and glycerine are the evolu-
tion of by-products of slaughtered
animals.

Not only in the meat industry have
been inaugurated great economic
achievements, but in many other
great enterprises have waste products
been transformed into wealth. Lum-
ber and timber products contribute
a large percentage of available waste.
Sawdust which formerly was used as
fuel, is now too valuable for that pur-
pose. It is no longer allowed to fall
into the rivers and choke up the flow
of water. By the application of in-
tense heat and the hydraulic press
sawdust is transformed into beauti-
ful articles of furniture. It can be
modeled into beautiful forms, and,
being capable of a high polish, is now
utilized either in the creation of house-
hold furnitures or manufactured into
paper. The waste peat bogs are now
being pressed into briquettes and
make valuable substitute for coal in
manufactures and household use.

The mining industry has also been
improved to make the reworking of
mine waste profitable. The manu-
facturers of steel now utilize the waste
slag to make brick, steam pipe wrap-
pings and other commercial products.
The waste heat that is thrown off in-
to space from furnaces has not yet
been utilized. As an industrial waste
its conservation must in time be con-
summated. The evolution of all great
industries of modern times has been
characterized by a system of economic
manufacture of waste into valuable
by-products.—*Chicago Farmers' and
Drovers' Journal.*

MORE ON RED POLLS.

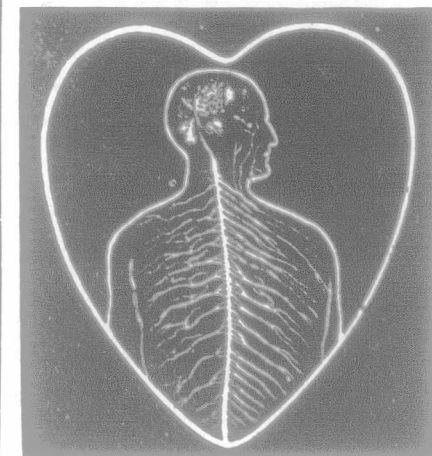
EDITOR FARMER'S ADVOCATE:

Answering your remarks of Oct.
23rd under heading of Red Polls as a
farmers cow. I think a wrong impres-
sion might be created among people
who have never seen this breed of cat-
tle. We think that you are undoubt-
ly right as to some judges leaning more
or less to dairy type in the Red Poll,
but I think that you will agree with me
that this does not make them any the
less a valuable dual purpose breed, in
fact, I should say the dairy type makes
the best dual purpose animal of the
two. If the Red Poll was a thin flesh-
ed small cow it would be different, but
having as they do a well sprung rib,
good flank with nice handling quali-
ties, and, I might say, that the
grade Red Poll invariably pleases the
butcher, dressing a large percentage of
good beef. I think too much emphasis
cannot be put on dairy form and milk-
ing performance as we find it in the
Red Polls, in fact, I know of more than
one now taking up this breed who in-
tend to maintain dual purpose quali-
ties. We, for our part, feel quite sat-
isfied when we can breed heifers milk-
ing from 30 to 40 pounds of milk per
day and testing a good percentage of
butter fat from cows weighing from
1,300 to 1,500 pounds. I think if the
new standard as given by the American
breeders is strictly adhered to we shall
have no fear of holding our own against
other breeds, to my mind 30 points for
milk veins, teats and udder is none too
much especially when you take into
consideration the present state of the
meat market.

Holmfild, Man.

H. E. WABY.

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