

# HALFWAY MEASURES FUTILE IN FIGHTING TUBERCULOSIS IN POULTRY—GET AN AX



Fowl Infected With "T. B." May Appear Healthy Until Disease Has Advanced.

"T. B." in the fowl does not stand for tuberculosis. It signifies that the fowl are afflicted with tuberculosis, which means that the flock as a unit is "two-third" half-way measures are futile in fighting tuberculosis as the only remedy of any avail against the disease in poultry.

The practical course is to kill off the whole flock with maximum expedition and immediately thereafter to disinfect thoroughly all the houses and runs.

Tuberculosis of fowls is a chronic contagious disease, characterized by the development of nodules called tubercles, but it is almost impossible to communicate the tuberculosis of man and cattle to fowls.

T. B. introduced by purchase. Tuberculosis is generally introduced into the poultry yard by fowls purchased from infected flocks, or by eggs of diseased birds that are obtained from the neighborhood.

The eggs of diseased birds frequently contain the germ. It has been proved by the inoculation of material from such eggs into susceptible experimental animals. The young chicks hatched from such infected eggs are diseased when they are hatched.

No Early External Evidences. For the most part there are no external evidences of T. B. in the flock until the disease has reached an advanced stage of development.

Everywhere farmers not only should attend to the proper and safe disposal of the bodies of their own animals which unfortunately die, but they should insist on the proper disposal of the bodies of all animals which die anywhere in the regions in which their farms are located.

## PREVENT SPREAD OF VIRULENT DISEASES

### Dead Animals Should Be Buried Deep or Burned.

Left on Surface of Ground Their Odor Soon Invites Scavengers to Congregate and Bring Infectious Material.

The carcasses of animals which have succumbed to such diseases as anthrax, hog cholera, blacking, tuberculosis, etc., are charged with virulent disease germs, and left as long as they remain where scavengers can reach them and portions of them can be carried away freely, they are a dangerous menace over a large territory to all animals which are liable to be attacked by disease germs.

Dead animals on the farm should be buried deep enough to prevent them from being dug up again, or they should be burned. To burn carcasses like those of dead horses and cattle is difficult and laborious and requires a large quantity of fuel.

When you stand facing the star you are always facing north. The reason that it does not appear to move to other stars is that it is nearly in line with the axis of the earth. Its distance from us is enormous. It can be judged from the fact that although the earth in its journey around the sun is nearly 200,000,000 miles from when it was last visible to us that it has traveled 200,000,000 miles away.

### POULTRY NOTES

Alfalfa, clover, cabbage and turnips make good green food.

Do not overlook the fact that the chicks must have shade.

Brain and shorts with milk or beef serum furnish the protein.

If given different feeds, the hen will balance her own ration.

Do not keep little chicks in a very dusty pen and if it is so dry as to be dusty, a little sprinkling will make it more healthy.

# 1,794 U. S. Guns Made in 24 Hours

## Total Rifle Production in This Country During the World War Was 2,506,307

Machine guns and small arms produced by the millions, ammunition dumped by the billions of rounds and built by thousands when the war broke out, furnish the subject of chapters made public of the war.

The story of machine gun production, which reached its apex when the United States in 1918 was producing 1,794 machine guns a day, is a story of a standard general use the Lewis weapon used successfully abroad. It is a story of a machine gun which cost \$275, and in 1918 was produced at the rate of 1,794 a day.

On November 11, 1918, the production of machine guns in this country reached a total of 1,794.

Only the loyal cooperation of the manufacturer, with the vigorous commercial advancement worked out at all points of the national need, makes possible the miracle.

The standard American rifle ammunition proved its superiority in action during the war.

The European war has been a hard hitting weapon of the type and the chief use of pistols and revolvers in European armies had been as a means for officers' purposes.

It is devoted to the production of an efficient rifle and revolver for the soldier.

The standard American rifle ammunition proved its superiority in action during the war.

The European war has been a hard hitting weapon of the type and the chief use of pistols and revolvers in European armies had been as a means for officers' purposes.

It is devoted to the production of an efficient rifle and revolver for the soldier.

The standard American rifle ammunition proved its superiority in action during the war.

The European war has been a hard hitting weapon of the type and the chief use of pistols and revolvers in European armies had been as a means for officers' purposes.

It is devoted to the production of an efficient rifle and revolver for the soldier.

The standard American rifle ammunition proved its superiority in action during the war.

The European war has been a hard hitting weapon of the type and the chief use of pistols and revolvers in European armies had been as a means for officers' purposes.

It is devoted to the production of an efficient rifle and revolver for the soldier.

The standard American rifle ammunition proved its superiority in action during the war.

The European war has been a hard hitting weapon of the type and the chief use of pistols and revolvers in European armies had been as a means for officers' purposes.

It is devoted to the production of an efficient rifle and revolver for the soldier.

## Blue Sun Phenomenon Has Been Recorded Only Once: In August, 1833, in Java

The expression "blue sun" is a term which usually denotes a solar eclipse which appears to be a blue sun.

A "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

The "blue sun" was recorded in Java in August, 1833.

The phenomenon was observed in the island of Java.

## TURNING TABLES

By PEARL B. MEYER.

The expression "turning tables" is a term which usually denotes a reversal of the usual order of things.

Ant and Jane were sitting at the table.

"What are you doing?" asked Ant.

"I'm just sitting here," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

"That's all you're doing?" asked Ant.

"Yes," replied Jane.

## WORSE THAN DEADLY POISON GAS

Kidney disease in a respect of persons, it attacks young and old alike.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

It is a fatal disease.

## Smiles for You

Just So.

"I want you to think for me."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

"I'll think for you."

## Pole Star, the One Which Seems to Keep Its Place Without Any Movement.

Most people, if they know nothing else of astronomy, at any rate know the pole star.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

The pole star is the star which seems to keep its place.

## HINTS FOR THE POULTRY GROWER

The Pennsylvania experiment station recently conducted some tests on the fattening of chickens for market.

The results showed that fat-raised poultry of the Plymouth Rock and other breeds can be fattened in crates or pens at a cost of 10 to 12 cents per pound of gain.

No difference appeared in the gains from crates and pen-fed fowls, but with fowls of the same breed and age, the gain was about 10 per cent greater in those raised in crates.

The cost of gain with this breed ranged from 32.5 to 12 cents per pound, with the latter birds regular growing rations were superior to special fattening mixtures, and close confinement was not as advantageous as conditions permitting some exercise.

Paris Sewers Have a Total Length of 1,400 Kilometers

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

The Paris sewers have a total length of 1,400 kilometers.

## Mend China and Glass

An excellent way to mend china and glass is to melt alum in an old iron spoon over the fire and apply to the broken parts. When dry these are to be washed in hot water and the cement will hold rigidly.

## Too Much High Thinking

We Americans were once so free and unbounded in our present condition is lamentable.

## Daily Thought

Wisdom says nothing is dangerous unless—John Selous.

## "BAYER CROSS" ON GENUINE ASPIRIN



"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

"Bayer Tablets of Aspirin" to be genuine must be marked with the safety "Bayer Cross." Always buy an unbroken Bayer package which contains proper directions to safely relieve the most common ailments.

## Couldn't Move

In Bed Twelve Weeks From Rheumatic Trouble. Unable to get up.

"For twelve weeks I was unable to get up. My doctor told me I had a case of rheumatism, and I was told I would be in bed for several months. I was in bed for twelve weeks, and I was unable to get up.

"For twelve weeks I was unable to get up. My doctor told me I had a case of rheumatism, and I was told I would be in bed for several months. I was in bed for twelve weeks, and I was unable to get up.

"For twelve weeks I was unable to get up. My doctor told me I had a case of rheumatism, and I was told I would be in bed for several months. I was in bed for twelve weeks, and I was unable to get up.

"For twelve weeks I was unable to get up. My doctor told me I had a case of rheumatism, and I was told I would be in bed for several months. I was in bed for twelve weeks, and I was unable to get up.

"For twelve weeks I was unable to get up. My doctor told me I had a case of rheumatism, and I was told I would be in bed for several months. I was in bed for twelve weeks, and I was unable to get up.

