

# Lancaster Farming

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## Editor Is Visiting

**YOUR EDITOR** is in Chicago this week attending the International Livestock Exposition. He then plans to take off a few days and visit friends and relatives throughout the Midwest.

We are looking forward to this trip. It's been a long time since we have had an opportunity to visit what has been called "The World's Greatest Cattle Show." It's going to give us a chance to see how our Keystone International measures up to the truly "big-time" show.

We've also heard that it rained back there this year when we would have settled for a good heavy dew. This we would like to see. As we recall, when we left home, it was just the other way around. So that will bear some checking into.

We also plan to visit a couple of the agricultural experiment stations along the way, and to visit some farms. So maybe next week we can bring you first hand information on what the farmers are thinking and doing in that part of the Nation.

## Blood Types Determine Purebreds

**ANALYSIS** of cattle blood types is helping to safeguard the registration system for purebred dairy cattle, the U. S. Department of Agriculture says. Blood types will separate fact from fancy when questions of calf parentage are raised.

Studies of cattle blood types are being made by USDA's Agricultural Research Service, State experiment stations, a veterinary college, and several foreign laboratories.

Typing of cattle blood, like the more familiar typing of human blood, depends upon the study of antigens — substances which produce antibodies when blood from one animal is introduced into the bloodstream of another. About 50 antigenic factors — many more than humans have — are present in cattle blood, and they are capable of arrangement into millions of distinct combinations. Therefore, cattle blood types are far more numerous than human blood types.

The antigenic factors in cattle blood derive their identity from the presence of specific genes, those parts of cells that carry inherited characteristics. Although there are hundreds of genes determining the combinations of blood factors, only a small number can be present in any one animal. For this reason the probability of any two cows other than identical twins having the same blood type is practically impossible. Therefore, cattle blood types are about as infallible for identification purposes as human fingerprints.

Particular combinations of antigenic factors are often similar among close cattle relatives. Scientists identify these factors by letters. Various cattle breeds differ in the frequency with which these factors and combinations occur. For example, a certain factor occurs in about 12 per cent of the Holsteins but almost never among Guernseys. One combination of factors is associated mainly with Holsteins, another with Jerseys, and yet another with Guernseys.

Once a cow's blood type is established, it can be used to identify her for the rest of her life. Under an agreement with the Purebred Dairy Cattle Association, all bulls used in artificial insemination in the United States are typed at the University of California School of Veterinary Medicine. Thus knowing what kind of blood the dam is capable of transmitting, the school laboratory can find out if blood factors found in a calf's blood could have come from the claimed sire.

The work in blood analysis is far from complete. In the future, efforts will be made to find out if blood types are related to other characteristics of cattle. If so, advances in cattle breeding may result.

## Check!

"The average American takes off his hat to Britain," says a New York newspaper. Although there seems to be some delay to passing it around — Punch.



BY JACK REICHARD  
 50 YEARS AGO (1907)

President Theodore Roosevelt, speaking to farmers on a tour through the West during the late fall of 1907, called attention to the "serious evil", as he put it, of young men and women deserting the farms for employment in the large towns. Given here in part, President Roosevelt stated:

"Everything should be done to encourage the growth of young men and women in the open farming country by such institutional social movements as will meet the demand of the best type of farmers. There should be libraries, assembly halls, social organizations of all kinds. The school building should throughout the country districts be of the highest type, able to fit the boys and girls not merely to live in, but thoroughly to enjoy and to make the most of."

"The country church must be revived. All kinds of agencies, from rural free delivery to the bicycle and the telephone, all should be utilized to the utmost; good roads should be favored, everything should be done to make it easier for the farmer to lead the most active and effective intellectual, political and economic life."

"It is important that the ethical needs of the people in the country districts should be considered and that the country as well as the town must see a multiplication of movements for intellectual advancement and social betterment."

## Bees Buried In Winterizing Experiment

A Minnesota apiarist has tried a rather unique method in the keeping of his bees through the winter. During November in 1906 he buried some of his hives under about two feet of earth as an experiment, and in the spring dug them up, expecting to find them dead, but to his great surprise he found they were alive and ready for business. In 1907 the apiarist declared that he was wintering all his bees under ground.

Fifty years ago this week a farm correspondent in southern Lancaster County declared "Although the snow was falling thick and fast on Sunday night, this did not stop a certain young man from walking nine miles to see his best girl. A little snow did not frighten this young fellow."

## Seven Workmen Killed In Bridge Collapse

In a pre-Christmas disaster, back in 1907, seven workmen were killed and 12 others seriously injured when a span on a new bridge being constructed across the Susquehanna River at Mifflinville, Columbia County, collapsed. Forty men were at work on the project when the structure broke and all were thrown into the river swollen by heavy rains.

## An Annoying Event

Mommsen, the famed Roman historian was the father of 13 children, but he was so engrossed with his ideas that he often passed his offspring in the street without recognizing them. One day a servant burst into the great man's study with the announcement of the birth of the fourteenth. "It is a boy, Herr Professor." The professor turned annoyed. "Tell him to wait," he said.

## 25 Years Ago

Twenty-five years ago this week Old Man Winter made news with snow over most the nation and frigid temperatures extending to the eastern coast.

At Harrisburg the snowfall was reported 34 inches. Highways throughout Pennsylvania were glazed with a coat of ice that grew more dangerous as temperatures dropped.

The Rocky Mountain region shivered in below zero weather. The 75-hour cold wave in the Den-

ver, Colo. section was reported the longest on record.

A surprised California was seeing its coldest weather in 62 years, with an official reading of 27 degrees.

The South and Southeast had rain, fog and rain turning to snow in some areas.

## Postmaster Burned To Death In P.O. Fire

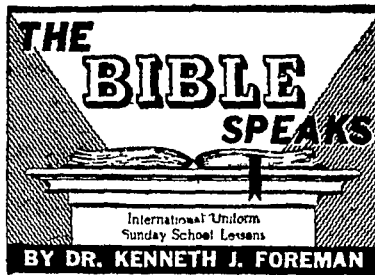
Fire destroyed the Principio Furnace post office and burned to death Edward White, the postmaster, Dec 5, 1932.

White's body was found by firemen after the one-story frame building was in ashes. It was believed the fire started from a small gasoline stove.

White, who often slept there on a cot at night, had been the postmaster in the little village, three miles north of Havre de Grace, Md for twenty years.

In a one-act drama contest, Society of Farm Women No. 8 of the Elizabeth area, won the honor of representing Lancaster County in the second annual meeting, 25 years ago. Five organizations entered the contest held in the auditorium of the Elizabethtown College.

Fulton Grange, southern Lan-



Background Scripture: Philippians, 3, 2:25-29, 4:18  
 Devotional Reading: Ephesians 3:14-21

## What Christ Means

Lesson for December 8, 1957

**WHAT** does America mean to you? Ask that question of a hundred Americans and you will get some lame answers, and maybe some good ones. But you would say that the truest answers are not the lamest ones.

What does Christ mean to you? Ask that question of a hundred Christians, and you will no doubt get some lame answers. But let us ask the question of one of the greatest Christians who ever lived, the Apostle Paul. What Christ actually meant to him, he can mean to every Christian. His language may seem strange, but as D. G. Barnhouse says, instead of complaining about the New Testament vocabulary, wouldn't it be worth while to cultivate the experiences for which the New Testament would give us the right words?

**Christ Jesus Has Made Me His Own**

The first and central point is, in Paul's words (we follow the RSV translation), "Christ Jesus has made me his own." We turn the thing around too much. We speak of "decisions for Christ." Paul had indeed decided for Christ, but that was never for him the main point. Christ had decided for him! He belonged to Christ by Christ's choice. Just intimately, inseparably. With this go two other points. One (as Paul puts it) is the eager desire that "I may . . . be found in Him." This meant that when God looked at Paul Paul hoped God would see him in Christ. Paul is not any longer a separate, lone man, he is so truly in Christ that when God looks at him he sees Christ. Along with that thought, and a part of it, is another, "not having a righteousness of my own, but that which is through faith in Christ, the righteousness from God that depends on faith." This is so



Dr. Foreman

caster County, won second honors.

## Duck With Collector's Gizzard

This story, declared true, prove that the hoarding of money is not limited to human beings and that there are some misers in feathered species.

Hess Johnson, driver of a baker's delivery wagon out of Willow Street, Lancaster County, 25 years ago, purchased all his poultry requirements from customers along the route.

Johnson watched a large flock of Pekin ducks mature, and made a purchase of the fattest one that could be found in the drove for Thanksgiving. But a surprised Mrs. Johnson found her husband had also brought home a combination hardware store, tack collection agency and bank of deposit in the duck's gizzard.

The contents included a three-penny nail with a big head, two tacks, one wood screw, a small piece of wire, a penny and a dime, with the penny being worn to about one-half thickness, indicating it had done a lot of grinding.

## Choose Good Brush To Apply Varnish

A varnish brush is wedge-shaped. A good one is made with a "chiseled" shape, that is, the bristles on the sides are short, explains Miss June Wilke, Extension Home Economist, Chester County. For small areas, a 1 or 1½ inch brush is good; for large areas use a 3 to 4-inch brush.

A new tomato powder for use in sauces, soups, juice and dry mixes will be available commercially in the near future. The powder mixes with water, and can be stored in its powder form indefinitely without refrigeration.

opposite to what the ordinary person, all religious but ours, and indeed many Christians, understand and aim at, that it seems too strange to believe. But this is what Christ can mean, my righteousness. The true Christian character is not something built up by the Christian's own efforts and offered to God, it is something accepted from God. It is true that when God looks at the Christian he sees Christ, he sees the Christian (as one of our songs puts it) "clad in His righteousness alone."

## "The Power of His Resurrection"

Christianity is a supernatural religion. Any one who takes it for less is like a person owning an airplane who never fills it with gas nor takes it out on the runway; like a person who has a fortune in the bank but never writes a check. How often a Christian says to himself, "I can't!"—and he is quite right, as a rule. Much is demanded of a Christian that is impossible; which doesn't make sense till the Christian discovers that the answer ought to be "I can't but Christ can." Paul not only here but in other places testifies that the same power that raised Christ from the dead is actually available to the Christian. It does not come all at once, Paul is expressing it as a hope only partly realized; but it makes sense—spiritual, supernatural sense if you must put it that way. A Christian can rise above his ordinary earthbound self, by the same power in which Christ triumphed over death.

## "We Await a Savior"

Once more Christ for Paul means the Savior, one who comes to his rescue. But while Paul can speak of having been saved, he can also talk of salvation in the future. The same Paul who cherished the phrase "This do in remembrance of me . . ." could also speak of "awaiting" a Savior. There are two great things, part of what is meant by "salvation," which Paul expects Christ yet to do, in the future. They are closely connected. The first is that Christ will come to bring him and others to the "heavenly city"—the commonwealth the Christian has never seen but where his citizenship papers are already made out. The other thing Paul expects is to be changed. His "lowly body" is to be "like (Christ's) glorious body." Paul does not make this fully clear, he had not yet had the experience. This is the language of hope. But one thing is plain for Paul, Christ is not only the Savior from sin but the Savior from death. Paul no longer feared death, as he might have when a boy.

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