

PROMINENT SPEAKERS ADDRESS WAYNE COUNTY FARMERS' INSTITUTE

'The Farmer's Chiefest Business Is To Learn To Produce More,' Says Mr. Kester

WAYNE COUNTY CHAIRMAN W. E. PERHAM, PLEASANT MOUNT, PRESIDES—LARGE NUMBER OF MEN ATTEND ALL-DAY CONVENTION IN COURT HOUSE, LAST SATURDAY—STATE AGRICULTURAL EXPERTS MAKE ADDRESSES—MAYOR MCCARTY EXTENDS WELCOME.

(Continued from Wednesday's Issue)
"The codling moth is one of the most important insects to treat if you want clean fruit. Seventy-five per cent. of the apples raised in Eastern Pennsylvania are worthless as marketable fruit owing to the codling moth. Out of 5000 bushels of apples I had last year, less than one-tenth of one per cent. were wormy. They may be controlled entirely by two sprayings. This spraying comes immediately after the blossoms drop. Wait 25 or 30 days after for the second spraying."
AFTERNOON SESSION.

The afternoon session of the Wayne County Farmers' Institute opened at 1:30. W. E. Perham presiding. The attendance was good. Dr. P. Kester was the first speaker of the afternoon, his subject being "Making the Dairy Pay." Among other things the speaker said: "One way to make the dairy pay is to have better cows. Raise better stock. Breed higher breed cows. Work on practical methods. The average farmer does not know which are his profitable cows; only that the milk checks at the end of the year brought him a given amount of business. A census made of 1,000 cows in Horde's dairy, a short time since, relative to the milk produced, what he cow ate and cost of keeping, demonstrated that there was more actual profit in 25 cows than there were in 975 cows.

"There is at present a similar condition of affairs in the State of Pennsylvania. The average test of the herd and the gross return in pounds is not enough to know. The practical farmer ought to know what each cow is doing. He should weigh the milk daily and keep a record of her. It is not how much milk she produces but how much butter fat is in the milk.

"When you build up your herd you first want to get a good sire. When you buy a good one you are actually buying half of your herd. Don't be stingy. Pay enough and get a good sire. Good lines is no criterion. You want to know what his parents and grandparents were. When you get his pedigree then you will know what to expect of him.

"Wayne county should have a cow testing association if it does not already have one.

"After we have established our herd, the essential is to make it pay. All cows intelligently fed can produce more than 145 pounds of butter fat and 3,500 pounds of milk.

"There is no economy in under-feeding a good cow. When feed is high the farmer is inclined to skimp the ration. A cow that is worth keeping is worth feeding well. The dairy cow ought to have some fat. No well-fed, healthy productive cow is long-haired and shaggy. Straw has no place in the economical feeding of a cow. Ensilage is one of the essentials of economical feeding.

One of the first and most universal of feeds is wheat bran. The demand of the glutinous feeds is the cause for their high price. In the Western States where they are produced the dairy business has increased by leaps and bounds. They have a low rate on dairy products and are sending them to Eastern markets. We are trying to compete with them by a more expensive product. One carload of ours is equal to ten of the Western farmer's. We are up against a serious proposition and the Eastern dairymen will not be able to compete with the Western dairymen until we raise protein feeds.

"The farmer who does not use the by-products of his farm can never make a profit. He who can't show his farm is better than when he took it is a poor farmer.

"The Pennsylvania State College is doing much in the study of feeds. It is not how much there is in protein, but how much can a cow get out of it is the question. Only ten per cent. of wheat bran is available. This is also true of all other like feeds. There are many patent feeds on the market. Pennsylvania has the best feed laws of any State in the union. It is the best protected. A cow can produce more if three or four grain feeds are given in a mixture, than if one is fed. One pound of grain feed produces three pounds of milk. If we feed more we can't make it pay.

The following questions were asked and answered by Mr. Kester:
Q. Would you feed a heifer more accordingly than a grown cow?
A. No. When we begin to feed alone a maximum, then we begin to ruin her.

Q. How can one tell when to begin to force?
A. The rule of one pound of feed produces three pounds of milk applies here. Watch the milk sheet. See if you can afford to give more. A man working in the stable can tell when a cow is overfed. Undigested food makes a foul odor.

Q. How is the best way to feed, with ensilage or separately?
A. Put on an ensilage feed. Also a mixture of three or four kinds of feed can be fed profitably alone.

Q. Who can tell about a disease plant for liveforever?
A. Robt. Ransom and W. E. Perham both told of instances where diseased plants were transplanted among this weed and in a few years the weed died out.

Dr. J. H. Funk was the second speaker. He gave a most instructive and interesting address upon "Pruning, Fertilizing and Thinning."

"The horticulturist is his own

architect. Nature is the best architect. Only those who delve deep beneath the surface can understand Nature's workings. A child is satisfied with the apple grown along the hedges, but the towns are becoming more cultured. There is a constant demand for fancy fruit. Prices have advanced and the demand has increased. In different parts of the State there are thrifty-looking farms, but scattered over the farms are isolated apple trees dying of neglect and starvation. Pruning is the prime factor in building up an orchard. The tree responds under the skilled orchardist. He must understand the tree."

Dr. Funk also discussed peach and pear pruning. He said for a peach tree to obtain a strong and vigorous growth it must be properly pruned. "We must know where the roots come from when we plant the tree," he continued. "There are two kinds of pruning—root and limb pruning. In the latter, three methods are practised: Strungfellow, which is a single stem, another pruning three inches back and still another from eight to ten inches off. As a result of an experiment of the three different kinds of pruning it has been demonstrated that the three-inch pruned roots produced the best results. The Strungfellow method on moist land gives good results, while on dry land it is a sure failure. The climatic condition makes the difference. You ask what age apple tree to plant. One year from the bud. It is worth triple what other trees cost.

"Never put a cereal crop in an orchard. Plant potatoes. They will pay for the crop and serve as a fertilizer besides." Dr. Funk explained how to prune young trees to produce uniformity and give the best results. "Be careful of the second year growth. That is very important. Take the Yellow Transparent for instance. Prune to spread it, so that sunshine and air can get in to ripen the fruit. To do this cut back the leader bud, the under branches will then spread out and under. The horticulturist is the proudest man we have. He uses muscle and brain in his work, with the aid of the knife, one of the most wonderful and instrumental tools on the farms, the trees are trained to grow in almost every conceivable shape. You can straighten a crooked sapling by making an incision about a sixteenth of an inch in the bark on the opposite side of the crooked part. This causes the sap to flow to the injured part and builds up the tree. You can straighten any tree in this method, care being taken not to go too deep.

"THERE IS NO OFF YEAR IN FRUIT. You may not agree with me when I say this, but nevertheless it is a fact. If there is, it is your own fault. Reproduction is the law of nature. If you do not have a crop every year it is due to lack of fertilization or over production. Large crops take all the vitality out of a tree. If a tree bears heavily one season, the next season the buds will remain as leaves, because there is not enough vitality in the tree to bear fruit. All buds are first leaf buds, afterwards they become fruit buds. How can you avoid it? By thinning. If I had to stop thinning peaches I would stop raising peaches," emphatically asserted Dr. Funk.

"When and what time shall we prune? Prune when necessary. Never prune without an object. First prune for wood development either in late fall or early spring. Prune in June for checking wood growth. That will throw the sap into the leaf and fruit buds. Place a wire around the tree, but be careful that it does not cut the bark. The sap then goes up the new wood beneath the leaves and converts the leaf buds into fruit buds. Keep thinning your fruit every year. I can't understand why the farmer thinks the farm does not need fertilization. You rob your orchard by planting cereals in it. Trees in my orchard, which is considered a model orchard, were planted during 1906, 1907 and 1908. Some of them bore as high as 30 bushels of apples last season. Some say the Northern Spy will not bear under 15 years. I say it can be made to bear in seven or eight years." Dr. Funk stated that commercial fertilizer was used chiefly upon his orchard.

Dr. M. E. Conrad was the third and last instructor of the afternoon session. He spoke at length on the comforts of the cow, laying special stress upon the sanitary and ventilation of the stable. He exhorted his audience to look after the comfort of the cow, especially a good comfortable place to live in. "Keep your barns from being dark, dirty, cold and drafty. This is vitally important for a dairy cow. Let the sun shine in. Tear out a section of the wall and place a few rows of windows in groups of two or three and ventilate from the top by slanting the windows. It is sanitary and right. The ceilings should be made tight. Keep the dust out of the air. The dust germs ride upon the particles of dust. If the ceiling is constructed so as to allow the dust to sift through the germs will eventually get into the milk. Whitewash your stables. Earth floors are bad enough, wooden ones are worse. By the proper construction of the floor the odor can be eliminated. A board floor can be kept sanitary, while a cement floor is not only sanitary but clean. The latter kind, however, has its objections, namely, being hard, cold and slippery, especially cold. Cork brick has been tried, but it is too expen-

sive. It is not cold or slippery, however, but costs \$2 to \$3 per cow. It absorbs only about two per cent. of the liquids and is durable. The next substitute to cork brick is a floor made of cement, tar and paper. It is a good non-conductor. A cow should be on a lever floor. It is not necessary to make a depression in the floor for her to occupy." Dr. Conrad closed his address by an illustration of his ideal stable and stanchion.

CUPID'S UP-TO-DATE.

[By S. S. Robinson.]

I've been a readin', Hannah Jane, I've read it over twice, About this quick-time marriage pact, This record-breaking splice! They fell in love on board a ship, They wished to wed, this pair, But the Captain thought it wasn't best To have the knot tied there.

So they were just contented like, Till safe upon the pier, Then off they rushed to get hitched up— It really seems quite queer, To jump right into wedlock's bonds, It sorter makes me smile, But that's the way they do now days, It's twentieth century style!

There's been great changes, Hannah Jane, Since I went courtin' you, Dan Cupid does some livery stunts He never used to do! Sometimes he takes a moter—er— A motor-car I mean, He gets astride the sterin' wheel And runs the whole machine.

Sometimes he boards a trolley car That's run by electric power— His little dart will pierce a heart At forty miles an hour! Sometimes by telegraphic lines, Sometimes by wireless, too, He confuses in his clever work And makes one heart of two.

And I just heard the other day He's taken to the air, He stole a ride on a biplane deck And captured two hearts there! Yes, there has been some changes great.

Since I went courtin' you, The world moves at a swifter pace Than what it used to do; We're livin' in a stirring age And Cupid's up-to-date, He's caught the spirit of the times, And takes a livery gait!

Wayne County Relative To Take First Ship Through Panama Canal.

The Pacific fleet, under Rear Admiral Chauncey Thomas, left San Francisco on November 20 for Honolulu, and will remain there until January 15.

It is proposed that Admiral Thomas will have the honor of navigating the first ship through the Panama Canal which will doubtless be the old ship Oregon.

Admiral Chauncey Thomas is a native of Shohola, Pike county, son of the late Chauncey Thomas, a prominent business man of that place for many years. He is also a grandson of Moses Thomas, one of the pioneers of the Delaware Valley, who lived on the flats between Cocheton and Milanville for more than half a century. The Admiral has one sister, also several other relatives in Binghamton, among them is S. H. Hankins, traveling salesman, who is well known along the Delaware. B. C. Ross, of Tyler Hill, is also a cousin of Admiral Thomas. Daniel Holbrook of Port Jervis is an uncle. Holbrook of Port Jervis was chief navigating officer on the battleship Oregon during her famous trip around South America at the time of the Spanish-American war.

NEW UNIFORM TO BE READY SOON.

Guardsmen Will Wear Regular Olive Drab at 1912 Encampment.

"When the National Guard of Pennsylvania goes into camp next summer 10,000 men will be clothed in the new pattern of United States army drab cloth service uniform and companies of infantry will carry their distinctive flags and first sergeants will be armed with revolvers," remarked Adjutant General Thomas J. Stewart in the closing of the annual session of the National Guard Association convention at Pittsburgh Saturday.

Federal pay for enlisted men of the organized militia was fully debated and officers of the Guard placed themselves upon record as being unanimously in favor of the project. The bill will be presented in the present session of Congress and delegates pledged their unanimous support in influencing their congressmen and business men to secure its passage. A paper on sanitation, read by Major Edwards, of the Fourteenth Regiment, National Guard of Pennsylvania, and the demand for a uniform system of camp chests by Captain Hollenbach, of the First Regiment, took up the morning session.

Pennsylvania systems were exhaustively depicted by Adjutant General Stewart in telling of the good work done at the recent Austin flood disaster. The National Guard by sending food and supplies, the State Department of Health detail, which was in charge of a Guard officer, and the state police, commanded by Major John C. Groome, also a guardsman, did their work so well that the National Red Cross Society representative exclaimed that the work has been "so complete that he had nothing to do." General Stewart was so proud of the Guard that he took opportunity to show its perfect system. He said that already the support of thirty Pennsylvania congressmen has been enlisted in favor of the Federal pay bill.

These officers were elected for the ensuing year: President, Colonel Richard Coulter, Tenth Infantry; first vice-president, Colonel Stillwell, Thirteenth Infantry; second vice-president, Colonel O'Neill, Fourth Infantry; third vice-president, Colonel Hamilton D. Turner, Second Infantry; secretary, Captain Gowell, Tenth Infantry; treasurer, Lieutenant-Colonel Vandling.

Scranton was selected as the place for the next convention.

Undertaker Keeps a Body a Year.

Russell B. Hultlander, of Monticello, formerly of Deposit, who died at the Albany Hospital recently after an operation for appendicitis, was one of the best undertakers in the state. He was located at Hudson. He did something that few undertakers have done, and that was to keep a body for a year and then have a public funeral. A child of a wealthy family was taken ill and died. The mother became insane over the death of her child and was committed for treatment. The father was anxious that the funeral be postponed until the mother recovered her reason and insisted that the body be preserved in good state for that occasion. Mr. Hultlander embalmed the body and re-embalmed it as occasion warranted. At the end of a year the mother recovered and the funeral was held. Mr. Hultlander said it was necessary to give some time each week to the body, and his bill, if our memory serves us right, was something like \$2,500 for the work.

Commissioners Appoint Boyd.

At a meeting of the new board of Wayne county commissioners held on Tuesday Thomas Y. Boyd of Boyd's Mills, was appointed clerk for the coming year at a salary of \$900.

Piles! Piles! Piles!

Williams' Indian Pile Ointment will cure Blind, Bleeding and Itching Piles. It absorbs the tumors, allays itching at once, acts as a poultice, gives instant relief. Williams' Indian Pile Ointment is prepared for Piles and itching of the private parts. Druggists, mail 50c and \$1.00. WILLIAMS' MED. CO. Props., Cleveland, Ohio.

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MEN'S SUITS \$10 to \$25

We are also conducting a Christmas sale of Men's and Young Men's OVERCOATS. WE HAVE ANYTHING YOU WANT

Men's Suits, Men's Overcoats, Young Men's Suits, Young Men's Overcoats, Men's Fur Caps, Cardigan Jackets, Underwear, Pajmts, Shirts, Caps, Boys' Suits, House Coats, Bath Robes, Sweaters, Knox Hats, Mufflers, Neckwear, Suspenders, Handkerchiefs, Scarf Pins, Cuff Buttons, Gloves, Suit Cases & Bags,

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See our "CLOTHES OF QUALITY" for young men and man who want to be young. Our clothes are right in fit, right in make, right in style and right in PRICE.

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