

KANSAS FARMER AND MAIL & BREEZE



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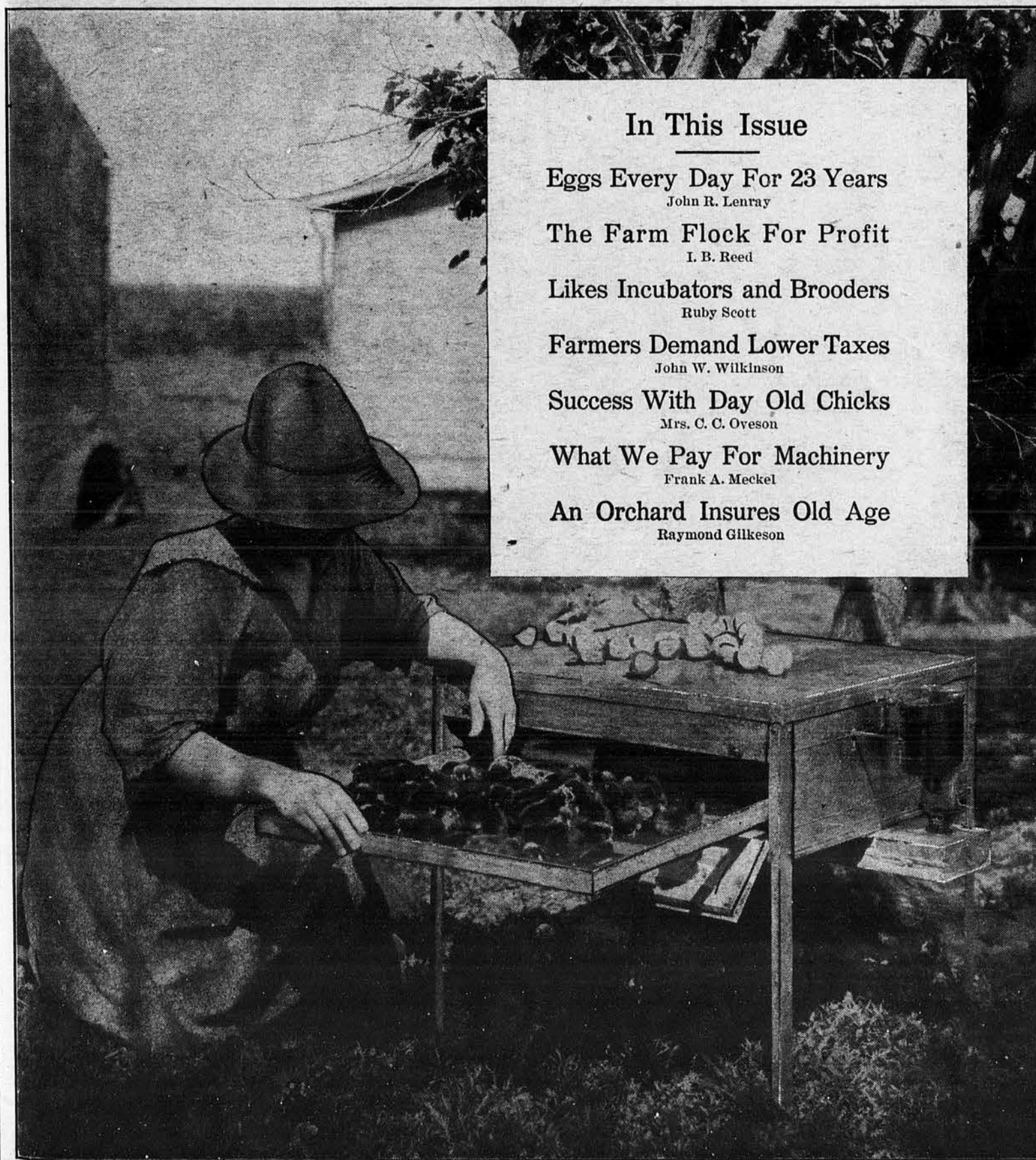
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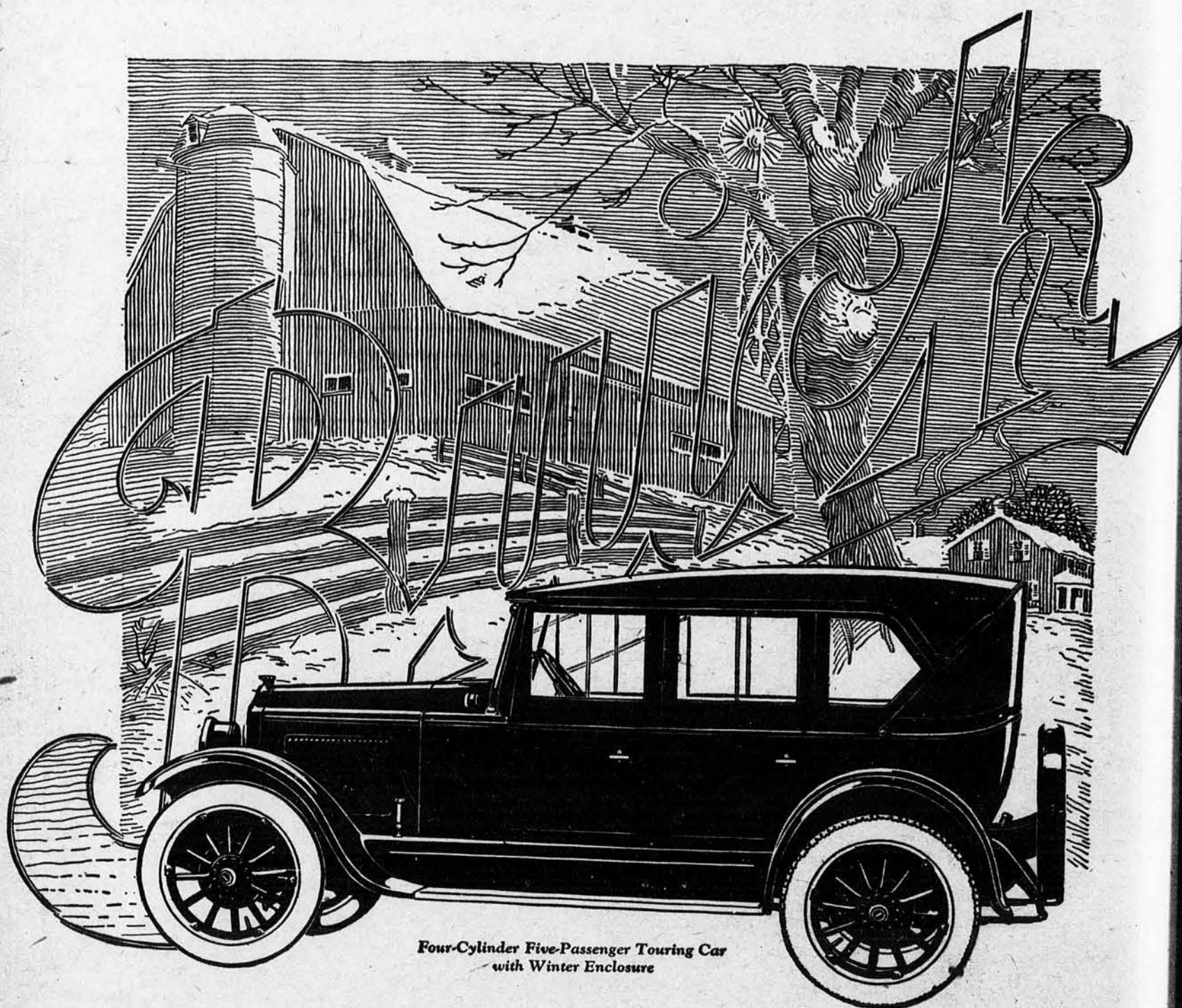
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KANSAS FARMER and MAIL & BREEZE

February 2, 1924

By *Arthur Capper*

Vol. 62 No. 5

Mead Markets His Crops Thru Silage Cutter

By M. N. Beeler

OBJECTIONS to the home-owned silage cutter have been overruled by W. E. Mead, who runs a 15-cow dairy on 57 acres of Rooks county near Plainville. One of the stock excuses for not owning a silo in Western Kansas is that there are not enough farmers who have silos to enable co-operative filling. There are few custom cutters and not many farmers would consider buying one for their own uses. But Mead has found profitable use for his silage cutter thruout the year, altho he probably would maintain one just for silo filling even tho the investment were comparatively heavy for such short service.

Electricity Operates Silage Cutter

Mead lives just outside of town. His silage cutter stands at one end of the barn, with the blower pipe poked thru a gable window. Electricity from the Plainville plant is wired to the farm and a motor makes that silage cutter

ready for use at any time. Roughage is hauled in from the stack whenever the supply in his hay mow becomes low, which is frequently because the 15 cows consume a great deal of that kind of feed. It is run thru the cutter and blown into the barn loft. Sudan grass, kafir, cane, corn and even alfalfa are rendered more palatable by this process, which enables the cows to consume every particle. All of Mead's feed crops are marketed thru that silage cutter.

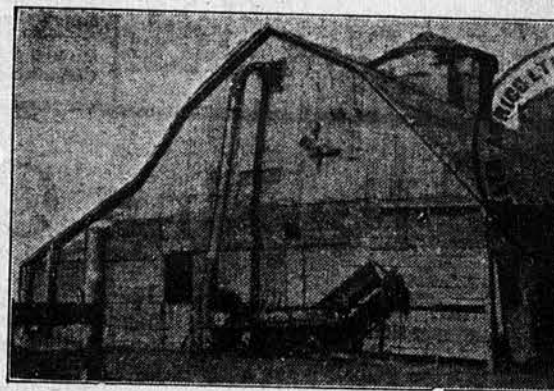
That explains why he is able to raise enough feed on the 57 acres for 15 Holsteins. The cost of cutting is paid several times over by the greater feeding value of the chopped roughage. Cows make rather expensive grinders when feed is scarce. The cutter likewise relieves the necessity for threshing the heavily seeded roughages, such as kafir.

Mead has two silos which have a combined capacity of 200 tons. One of these silos was filled last fall with

corn from 16 acres. That would not be a heavy yield for Eastern Kansas but it is pretty good for that country. He feeds silage the year around because he does not have enough pasture to support his cows during the grass season. With a portion of his land in silage crops he can provide succulence for the herd 12 months. With the number of cows he has, at least a quarter section of buffalo grass would be required to pasture them half a year. By planting Sudan grass for temporary pasture he is able to supplement the silage. The carrying capacity of this sorghum is much greater than that of native pastures.

During the last 15 years Mead has been selling whole milk. Before that he made butter and sold cream. He has been a dairyman all his life. He moved to this 57-acre tract in 1900. His herd was founded on three grade Holsteins bought in Topeka in 1915. These cows cost \$125 apiece. The herd has been developed by selecting the best heifer increase from this foundation and improved by using good bulls. Last year Mead's milk deliveries averaged \$11 a day above the milk and cream used at home. He received 12 cents a quart. That does not represent a phenomenal production from 15 cows, but it provides a very good income for a farm of that size. To equal it at wheat growing, Mead would need to raise approximately 400 acres a year, average 10 bushels to the acre and sell it at \$1 a bushel. Many farmers are not making a gross return equal to Mead's on that acreage of wheat and their investment is much heavier.

Another advantage he has over the wheat farmer is that he is profitably employed thruout the year and his income is steady. By cultivating a small farm he can give his crops better attention which lessens the dangers of



This is the Silage Cutter Which Serves Mead the Year Around. It Reduces Stemmy Roughage to Palatable Dairy Cow Feed

failure. By keeping cows he is able to diversify in the production of crops which is a further precaution against failure. The grain sorghums and other roughages which he grows are more certain in that section than wheat. When he converts them into a marketable product his income is less subject to the hazards of weather than that of the single cropper.

Makes His Plans Carefully

To provide feed for his herd and to supply as much temporary pasture as possible on such a small acreage, Mead must plan carefully. He plants enough corn to provide silage. Then he divides the remaining cultivated acreage among the roughage crops. Sudan grass serves the double purpose of temporary pasture and hay. He plants such other sorghums as will give the greatest yield of forage. These are carefully cultivated and carefully harvested. The barn loft is filled with chopped feed and the rest is stacked in the sheaf or bundle in lots adjoining the farmstead. These are hauled in and run thru the cutter as the supply in the barn loft is exhausted. By using the cutter, Mead is able not only to get maximum service from his investment, but he is able to get along with a minimum of storage space.

The silo is necessary to maximum dairy profits, particularly where production is undertaken on an intensive scale and in Western Kansas where dairy pastures are scarce. Mead has solved one of the greatest objections to silo owning by finding constant employment for his cutter.



Grain Sorghums Which Are Less Subject to Weather Hazards Than Wheat is, Enable Mead to Keep 15 Holsteins on 57 Acres

An Orchard Insures Old Age

By Raymond H. Gilkeson

INVEST in orchard land and live comfortably in old age on a good income from the fruit crop, advises John Infen of Atchison county. "That isn't a dream," he asserted. "It can and is being done. If young men these days would buy good orchard ground instead of spending their money as rapidly as they make it, they wouldn't need to worry about their earning capacity when gray streaks appear in their hair. Enough money can be made by growing extra crops right on the new orchard land to pay expenses, so such an investment wouldn't be a white elephant."

Believes in Apples

Mr. Infen has been in the apple growing business for 24 years and has 35 acres planted to orchards. Of this amount, 85 acres are in bearing trees and 2,500 young trees ranging in age from 2 years up occupy the other land. Aside from this there are 60 acres of timber land, a part of which is being cleared each year and planted to new trees. "There is no better ground for a new orchard than newly cleared timber land," assured Mr. Infen, "and these Missouri River bluffs are especially good."

"You have to use a good deal of common sense in handling orchards, but you'll get a cash return for all the work you put on them." Due to late

frosts Mr. Infen figures he got only a third of a crop last year, but he is well satisfied with the 2,500 barrels of marketable apples the trees produced. "The heavy rains made the apples much larger and better tasting



Five or Six Times a Year Infen Attacks Pests and Disease in His Orchards. A 200-Gallon Power Sprayer Handles the Job

last year," he said, "but they were not so good for storing." Some years the apple crop is sold right in the orchard, but Mr. Infen prefers to look after the picking himself because then much less damage is done to the trees. Part of the crop this year was marketed in that way. The balance was put in storage and can be marketed when prices are right. The early varieties were put in cold storage and the later ones in dry or natural storage. Early apples don't keep well for Infen in dry storage, but the per cent of late apples lost is very small.

Prefers Trees of Good Size

In planting a new orchard Mr. Infen prefers 2 and 3 year old trees. He is satisfied they start off better and that the mortality is lower. "I trim the trees back well at time of planting and start the limbs to suit my judgment," Infen said. "I'm not what you would call very scientific in my pruning, but I get good results. A tree must get plenty of sunlight and that is one big point with me. If a tree isn't crowded with limbs and branches it will bear larger apples of better flavor than the tree with many branches, and a well balanced tree will not break down easily. I like low trees because they can be handled better than overgrown specimens. I keep the old trees (For Continuation Please See Page 12)

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Passing Comment—By T. A. McNeal

SEVERAL weeks ago," writes a subscriber, "you mentioned the case of Ananias and Sapphira. One received the impression that they were punished for keeping back part of the proceeds of their sale. I always thought they were punished for the lie they told. Peter said, 'While it remained was it not thine own, and after it was sold was it not in thine own power? Thou has not lied unto men, but unto God.' Will you please explain how Jesus taught Communism? I know the disciples tried it for awhile, but I never found anything to indicate that Jesus commanded them to. I thought it just their own notion and the system became so cumbersome that they dropped it."

You are literally correct in both your statements. According to the account, Ananias and Sapphira were struck dead for making a false return of their property, but I take it that the sin was rather in the motive behind the lie than in the lie.

A mere statement that is not a fact is not necessarily wrong. If it were, every novel that is written would be a wrong, for there is not even a pretense that the story is a relation of facts. The motive back of the misstatement of Ananias and Sapphira was the selfish withholding of their property which they were pledged to turn into the common fund.

Now, as to whether Jesus taught Communism, of course he did not use that word anywhere, but the whole tenor of his "Sermon on the Mount" and his talk to the rich young man, was along the line of eliminating private property. Neither did he command his disciples to establish a Communistic society, but Peter was the most forceful of his disciples and it was Peter whom Jesus said was the rock on which his church was to be founded. Is it not reasonable to assume that Peter understood better than anybody else what his Master's plans and wishes were? With this intimate knowledge, Peter, the rock, organized the church and organized it as a Communistic society.

What About the Moon?

WRITING from Hope, Kan., a reader asks me to explain in the columns of the Mail and Breeze so that children can understand, why the moon changes, the first quarter, second quarter, full moon, etc.

The moon, as I suppose nearly everybody knows, shines only with borrowed light, that is, what we call moonlight is really the reflection of the sun's light on the moon.

Now there is what is called the plane of the earth and sun, that is, an imaginary plane drawn from the sun to the earth. If you do not have at hand globes representing the sun, earth and moon, you can get a pretty fair idea by hanging up with a string a big ball, letting that represent the sun and a small ball hung by another string representing the earth. If you have a nearly circular board, cut a hole in the center of it with the sun in the center and then move the small ball, representing the earth, round the outside of the board, around the sun in the center; the board will represent the plane of the earth and sun.

Now the moon revolves about the earth and is also carried with the earth in its annual movement about the sun, but the moon, in its movement about the earth is not exactly regular. Sometimes in its revolutions about the earth, which require approximately 28 days, it is above the sun-earth-plane and sometimes below it. That is the reason why we sometimes see more of the surface of the moon than at other times and that explains the full moon, the wane of the moon, the dark of the moon, and also the first, second, and third quarters.

Now let the moon be represented by a still smaller ball than that which represents the earth and suspend it so that it can revolve about the ball which represents the earth; then place a light at the ball representing the sun, an electric light bulb, if that is obtainable, if not, you can use a lamp. Fix this light so that it will show only on the upper side of the board representing the earth-sun-plane.

When the little ball representing the moon, in its swing about the ball representing the earth, rises above the board representing the plane, the light will illuminate the entire side of the ball next the light; that will represent the full moon;

then as the little ball swings down part way below the edge of the board, the light, of course, will light up only a part of it; that represents the waning moon.

Less and less will be visible until it will swing clear below the edge of the board, when you will have the complete dark of the moon, but as the ball is supposed to be moving continually, in a very little while the top of it will appear again above the edge of the board and then you have the illustration of the new moon; as it swings higher above the edge of the board you will have the quarter moon, the half moon, the three-quarter moon and finally again the full moon.

This is the simplest illustration I can give but I do not know whether I have made it so plain that the child can understand it or not.

About Rising Taxes

THERE is a great deal said and written about the burden of taxes, but I am of the opinion that very few people really take the time to study the taxation question. The only time that most of us really become concerned about taxes is when taxpaying time comes round and we discover that our taxes are heavier than we had expected.

Kansas

BY RACHEL ANN NEISWENDER

KANSAS, thru toil and tears,
Those loyal pioneers
Crowned you a state;
Conquered your prairies bare,
Built homes and altars there.
Oh vision great!

Kansas, today we see
All that they dreamed might be,
Riches untold;
Cities and farms and rails
Follow the sunflower trails,
Oh emblem gold!

Kansas, may we add fame,
Love and preserve your name
In days to be;
May peace, like stars, smile down,
Happiness and faith abound
Your people free.

The taxes that we know we have to pay are heavy enough to give us occasion for worry, but I think if we really could know about the taxes we have to pay indirectly we would discover that they amount to more than those we pay directly.

The only individual who doesn't pay any taxes is the one who does not earn anything. If an individual lives wholly by charity he pays no taxes, but adds to the taxes of other people who do earn their living.

Speaking comparatively, the man who pays most taxes is the man who works for wages, altho speaking generally, his name very often does not appear on the tax rolls at all, but every mouthful of food he buys for himself or his family; every bit of clothing and every bit of fuel he buys has concealed somewhere in the bill, taxation. If he is a renter he pays a part of his landlord's taxes, unless, of course, there happens to be an abnormal depression which affects the renting population, or owing to an abnormal boom in building there are more houses to rent than will supply the demand. In such a case, rents may fall below normal to the extent that the renter gets the use of the house he lives in below a normal rent.

After the great boom in Wichita nearly 40 years ago, fine houses could be had rent-free because there were many more empty houses than there were renters, but that was an abnormal condition.

High taxes are not necessarily an evil any more than increased expenses in conducting a business are always an evil or a mistake. Very often it is good policy for a business man to spend more than

his income when by increasing his facilities he may later on increase his profits.

The state of California and each of the counties in the state is spending an enormous amount of money in building hard-surfaced roads. The road tax in that state is tremendously high, but I have no doubt that building these roads is a wise policy for the state of California, if they are well built and free from graft and incompetence. California is becoming more and more the great play state of the Union. People are going there by the tens of thousands every year, not to work but to play. They must have good roads to drive on and the more good roads there are the more people will go there with money to spend.

If the taxpayers get value equal to the amount of money they spend, they have not much reason to complain about high taxes. The trouble is that tax money is often wasted. People who pay the taxes do not get proper value for what they have to pay.

So, after all, the tax problem seems to me to resolve itself down to this; operate the public business just as a first class business man would conduct his business, remembering that in the case of government, the whole population of the taxing unit comprises the collective proprietor of the business.

Now it is much easier to say this than it is to show just how the public business can be conducted as efficiently as the best managed private business is conducted. I do not agree with the opinion, so often expressed, that it is impossible to conduct public business efficiently and economically. There are some branches of public business which now, in my opinion, are conducted efficiently and economically.

For example, I am of the opinion that the post-office business is conducted as efficiently and economically as most private businesses. It is not conducted as economically as it might be, but considering the service performed, the people do not have much reason to complain. It must be said, however, that, speaking generally, Government or state management is inefficient and extravagant.

There are two reasons why Government or state management is likely to be extravagant and inefficient. The first is, that public officials are not selected on account of their business qualifications, but for political reasons. The second is, because the public official does not have the same personal interest in the success of the public business that the private citizen does in the success of his own business. If his private business fails it means that his private wealth will be lost to him, while if the public business does not pay, he shares but a trifle of the loss in common with all the other citizens of the Nation or state.

Goat Feathers

I AM surprised that some one has not organized a chapter here of the "Ancient and Honorable Order of the Blue Goose." The chief officer of the noble order is called the "Most Loyal Grand Gander." There are great possibilities for goat feathers in this noble order.

A reader says that he is seriously contemplating the organization of a new noble order and calling it "The Ancient and Honorable Order of the Knights of the False Teeth." The head official will be called "The Most Noble Imperial Molar." The lesser officials will be the "Most Worshipful Incisors" and the "Imperial Keepers of the Gums."

Members of the noble order will make themselves known to other brothers of the order by clicking their teeth together three times and placing the hand in front of the mouth to prevent the teeth from being exuded into the surrounding atmosphere.

Different people have different hobbies. Samuel J. Dinglebat of Wichita has his; it is to go to many lodge meetings and conventions as possible and save all the badges he has pinned on him on these occasions. He already has two large trunks filled with these cherished mementoes and hopes to have another trunk full to leave to his posterity.

The night on which Brother William G. Dusenbury attained the position of Grand Exalted Ruler of his noble order he went home clothed in the raiment and other decorations of his office and waking his wife up, asked her with suppressed exaltation, if she knew him.

"Why, of course I know you, you old fool," she said.

Bill afterward told his brothers in confidence that he saw at once that she did.

Emanuel D. Ringer, who has been working at it for several months, says that he is nearly ready to announce that he will be a candidate for township trustee in response to a spontaneous demand of his fellow citizens.

"If that man's feet were as light as his head," said an old cynic, as a member of a parade, decorated with the goat feathers of his order, passed by, "he wouldn't need to fear falling in the water. He never would sink."

"The most unhappy man I ever knew," said the old timer, "was Hezekiah Winters. He was a little bit of a shrimp of a man who stood 5 feet and 3 inches with his shoes on and weighed when he was in good health, about 105 pounds. He was as timid by nature as a cottontail rabbit. His wife stood nearly 6 feet in her stocking feet, and weighed 200 pounds. She was a most sensitive creature concerning her honor and personal appearance; was always imagining that somebody was insulting her or making derogatory remarks about her and insisted that Hezekiah should avenge her wounded pride and honor. If he flinched she would beat him up when he got home and if he undertook to fight he got licked."

High Cost of Legislation

CONGRESS has been in session for sometime and has accomplished almost nothing. The time has been taken up in political sparring for position. I am not looking for great accomplishments during the present session. Perhaps, after all, this is not a national calamity.

We are suffering rather from too much than from too little legislation. This does not mean that there is nothing we need in the way of legislation. There are no doubt laws that ought to be repealed or amended. But on the whole, we have too much government. The cost of government, national, state and local, is out of proportion to the real needs for legislation and benefits derived therefrom.

Farmers' Service Corner

READERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

Concerning the Bankruptcy Law

I would like some information about the bankruptcy law. What exemption is one allowed? Can anyone take advantage of this law? Can one take the bankruptcy law after his creditors have brought suit? Does it make any difference whether the property is mortgaged or not? What amount is exempt? R. V. P.

The person taking advantage of the bankruptcy law is allowed whatever exemptions he is granted under the laws of the state in which he lives. For example, the head of a household in Kansas would

be allowed the following exemptions: His homestead if he owns one, that is, a place of 160 acres of land in the country or an acre of land in town. He is also allowed to hold free from execution a team of horses or mules and wagon, his farm implements, two cows, 10 hogs and 20 sheep with the wool from the same, his household furniture, and food sufficient to keep his family for one year and his animals for one year if he has it on hand. If he is a mechanic he is in addition allowed his work tools also.

The mere fact that suit has been brought against

The Capper Platform

JUST one kind of law for rich and poor. Substantially lower freight rates immediately.

Development of Great Lakes Waterways project at earliest moment.

Justice for all of our soldiers of all wars.

Laws to prevent price-gouging and profiteering.

Abolishing gambling in wheat, cotton, corn and all farm products.

Putting the Wall Street bucket shop and stock-jobbing crook out of business.

Practical and business-like co-operative marketing of farm products.

Credit facilities for agriculture equal to credit facilities of other lines of business.

Higher prices for farm products; or lower prices for the things farmers must buy.

More attention to diversified farming as a means of enabling farmers to solve their problems.

Putting burden of taxation on shoulders of those better able to bear it by abolishing the tax-exempt-bond privilege.

Lower taxes by eliminating waste, extravagance, graft, incompetence and all partisan favoritism from the public service.

Honest enforcement of prohibition—as a means of making prohibition worldwide, thru proof of its benefits here.

A square deal for all, and special privileges to none.

the person would not prevent him from taking advantage of the bankruptcy law. When property is mortgaged, the mortgage is not affected by proceedings in bankruptcy.

A Question of Citizenship

Is anyone born and raised in the United States a natural born citizen regardless of whether his parents are aliens? If an American child is born and raised in a foreign country would he be a citizen of that country? N. E. J.

My answer is "yes," to both questions.

Concerning Road Petitions

A takes out a road petition and gets 25 signers. B circulates a remonstrance against A's petition and gets 25 signers. A's signers are residents and landowners living close by. Those signing the remonstrance would not be benefited much by the road. Who should win this case? T. O.

Without knowing more about the facts than I do, I cannot say. The county commissioners have the power to determine whether this petition shall be granted or not. The mere fact that there was a remonstrance by people who were not directly interested probably would not have

much weight in the minds of the commissioners. If I knew your commissioners better I probably could tell you who would win.

A Complicated Case

A, B, C, D and E bought a threshing outfit giving a mortgage and note for security. A is in bad financial circumstances. If he goes into bankruptcy or if they foreclose on his personal and real estate what can B, C, D and E do to hold the machine? Would it have to be sold or would A's creditors hold his interest in the machine? A. D.

About the only way I can see in which B, C, D and E can save themselves would be to turn over to A's creditors enough to cover A's share in the machine. Unless there was a default in the payment of this note signed by all of these persons the mere fact that A became bankrupt would not enable the creditors of A to levy on this machine but they might get judgment against A and have assigned to them whatever interest he had in the machine.

A Divorce Necessary

I was married March 3, 1920 in Tulsa, Okla. My wife and I lived together one year. Two years ago next March I left my wife in Oklahoma and came to Kansas and have lived here ever since. If I marry now can I be prosecuted for bigamy? Could I be handled for wife desertion? There were no children. I have good ground for divorce but as yet have not obtained one. B. S.

Of course, you could be prosecuted for bigamy if you marry without obtaining a divorce. It is also quite probable that you can be held for desertion of your wife unless it can be shown that you have contributed to her support to the extent of your ability.

Ditch Company Not Liable

A is a ditch company owning a ditch running about 100 feet from the district school. Last winter the ditch became full of snow, and the water kept getting higher and higher until finally it ran over and past the school house, continuing to do so for a day. Two members of the ditch company live close and could have known of the circumstances. The second day the water rose high enough to run into the basement of the school house and entirely filled it. The cost of dipping out the water from the basement fell to the school district. They, however, felt that the ditch company ought at least to pay half the expense, which they have refused to do. Would not the ditch company be liable for damages? W. C. B.

I am inclined to the opinion that the ditch company could be held liable, altho I presume their defense would be that this is what is termed an act of God for which they would not be held liable. The reason I do not think this principle of law would apply is that it was entirely possible for the ditch company to have kept the ditch clear of snow and ice and if they failed to do so they would have to pay damages resulting from their neglect.

Adjusting Claim for Damages

On the night of September 29 D. driving a Ford without a light, ran into my team, breaking the leg of one of the horses. We had to kill the horse afterward. I was on the right side of the road and I have witnesses to prove that he was driving without lights. He agreed to replace the horse, but has not done so. How much time should I give him and what action should I take to compel him to pay the damages? E. E. R.

If he refuses to settle with you of course there is but one thing for you to do and that is to sue him, asking for whatever damages you think you can prove that you have sustained. This action should be started within one year from the time of the injury. Of course, if it can be proved that this man was driving without lights, he would also be subject to a fine for so doing.

What's All the Shootin' About?

THE editor of the Buffalo Express of Buffalo, N. Y., in a recent editorial says:

"The farmer, asserts Senator Capper of Kansas, is not asking any special favors. That is good news, and somewhat surprising. The public has gained the impression from the utterances of self-styled representatives and champions of the farmers, including Senator Capper, that the farmer was seeking many favors not accorded citizens in the mass. Has it not been proposed that the Government buy wheat when wheat was too cheap, from the farmers' viewpoint? Have we not been told that farmers should be permitted to borrow heavily from Government banks with virtually no security? Have we not been told that freight rates on farm products should be reduced regardless of the financial condition of the railroads? But . . . the worst folly of the Middle Western farmers has been that they have permitted demagogues to speak for them."

A False Indictment

In its false indictment of the farmer as a seeker after special favors the Buffalo Express leaves no doubts as to its animus. In the same paragraph with its stern lecture to him on the evils of asking special favors "not accorded citizens in the mass," the Express goes on to say, "Have we not been told that freight rates on farm products should be reduced regardless of the financial condition of the railroads?"

No such argument has been advanced. The farmer's plea for freight rate relief is based on the manifest unfairness of existing freight rate structures and upon no other consideration, altho just

claim might be based upon the "financial condition of the railroads."

The year just ended broke all records in freight tonnage and witnessed an untiring railroad zeal to conceal handsome earnings by means of unprecedented expenditures for upkeep and renewals and an equal zeal to fix the total valuation of railroad property at a figure high enough that the fruits of high freight rates and record-breaking traffic might be kept within bounds of the "fair" profit return as fixed in the Transportation Act.

A Subsidy Guaranteed Railroads

For example, no such favor has been asked in the farmer's behalf, as that asked and obtained by the railroads in the rate-making provisions of the Transportation act. This guarantees a subsidy. It guarantees a profit. It guarantees this profit not out of the Government Treasury, to be sure, but out of the public's pocket.

To scare predatory birds from their fields farmers invented the scarecrow. Scarecrows are intended to terrify and deceive.

The labels "Demagog" and "Politician" are scarecrows that Privilege frequently sets up to shoo public measures and public men away from specially favored interests. The Buffalo Express so uses them, putting the farmer in a false light; discrediting efforts to render the agricultural industry in its come-back such legislative aids as are sound and practical and which have for their purpose the promotion of the interest and welfare of the entire community.

Here's another scarecrow:

"It is reported from Washington," says the

Kansas City Star, "that enough Democrats and radical Republicans will unite against any reduction of the surtaxes or in favor of an insignificant reduction to defeat the plan to reduce them from 50 to 25 per cent. This stand against reducing the surtaxes is defended on the ground that high surtaxes 'soak the rich!'"

"Why do these particular politicians stand against the reduction of surtaxes?"

It must be plain to everyone willing to approach the question of tax reduction in a spirit of fairness that any reduction of tax burdens should be apportioned share and share alike, with first concern for those upon whom the burden bears heaviest, in proportion to ability to pay.

All which should be asked of the rich, or the poor, or of the "middlin' well off," is that each bear his just share of the burden.

Only Fair Play Demanded

Any tax reduction measure drafted on this plain and simple plan should receive the entire support of all citizens. Any measure that falls short of this plan in any measurable degree won't do.

Share and share alike—both in enjoyment of the privileges and in the acceptance of the duties of citizenship.

That's fair play as everybody will admit.

Why the din of the old cracked alarm bells?

Why do they use the

old time favorite

threadbare scarecrows

—"Politician and

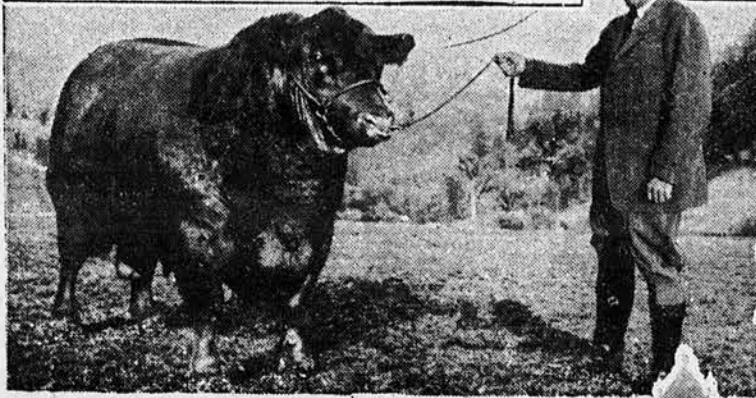
"Demagog?"

Arthur Capper.

Washington, D. C.

News of the World in Pictures

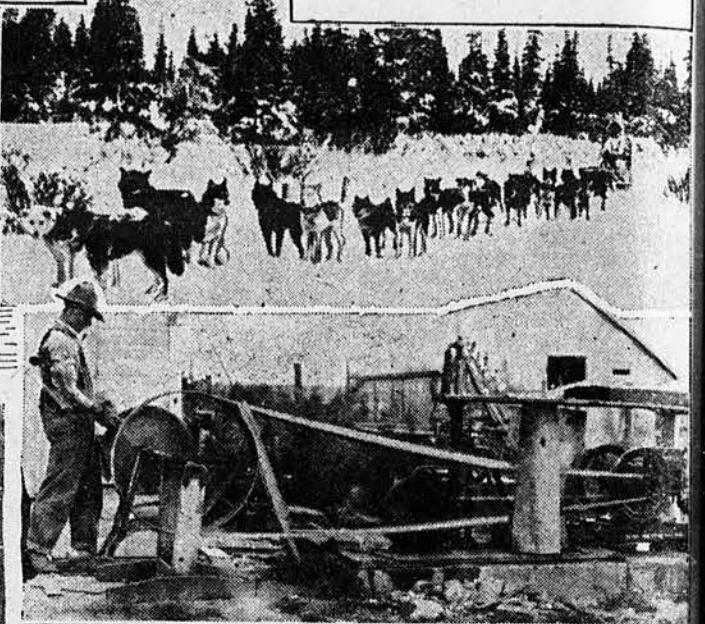
H. O. Harrison of San Francisco and "Black-cap Revolution," Grand Champion Aberdeen-Angus Bull of the Last Chicago International Livestock Show



Madison Square Garden in New York City Where Democratic National Convention Will Meet June 24



Father F. J. Ruppert of Alaska and His Dog Team: He Froze to Death Playing Santa Claus to Eskimo Orphans



McCormick-Deering Engine Performing at One Time Two Typical Farm Jobs: One of These, the Pumping of Water, is a Daily Monotonous Drudge When Done by Hand; Turning a Grindstone is Another Irksome Task That This Engine Expedites



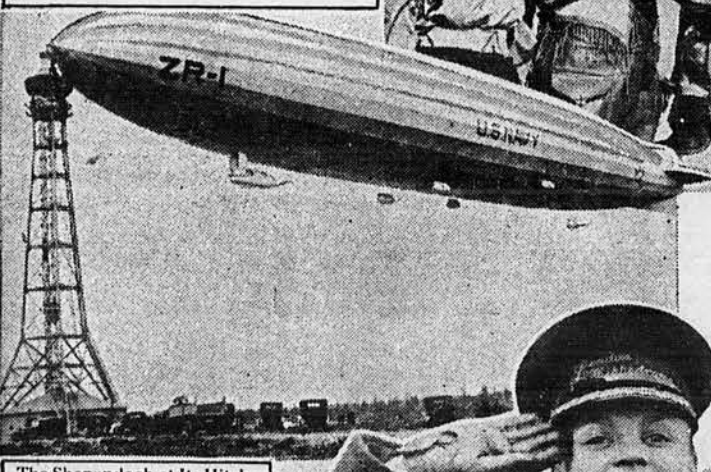
President Schacht of the Reichsbank Who Will Participate With Dawes Committee at Paris, When They Discuss Reparation Award and Germany's Financial Condition



In the Days of Old, a Scene From the Motion Picture, "America," Which is Being Produced Under a Commission From the Daughters of the American Revolution



The Latest Market Reports From the Government Being Sent Out by Ralph Hirst of the Department of Agriculture by Radio in Code Form From Naval Air Station at Washington, D. C., to Smaller Stations



The Shenandoah at Its Hitching Post at Lakehurst, N. J. Just Before It Broke Loose and Ran Away in a Gale, Racing Along at 72 Miles an Hour; Its Crew Was Aboard

William G. McAdoo Presents Coveted Roosevelt Trophy to Yakima Canutt, World's Champion Cowboy at Rodeo on Curly Eagle's Ranch Near Los Angeles; Other Members of the Committee Are, Dorothy Morell, Donna Card and Tommy Grimes, Winner of Last Year's Roping Contest



Peter Rees, London's Smallest Messenger Boy, Arrives in New York on the Way to Greet President Calvin Coolidge at Washington, D. C.



No Fuel Shortage Here; John Coolidge, Father of the President, Photographed As He Gathered an Armful of Wood, Chopped and Sawed by Himself

Lord Northesk of England, Taking the Final Bank of the Famous Cresta Slide in Switzerland; He is the Husband of Jessica Brown, Former American Chorus Girl



Mr. and Mrs. Harry Sinclair, the Oil King, Who Recently Refused the Throne of Albania, Sail on the S. S. Paris, En Route to Europe to Spend a Month in Italy

Eggs Every Day for 23 Years

Frank Bongartz, Trego County Farmer, Has Kept Books on His Flock Since 1900—Hens Brought Him Nearly \$1,000 Last Season

By John R. Lenray

EGGS every day of the 23 years he has been in Trego county is the record of Frank Bongartz, 9 miles southwest of Ellis. And Bongartz is not guessing because he has records to prove the statement. From the yellowed pages of his old cash book he can glean the figures for any year. Entry is made of every receipt and outlay of money. Every time he comes home from town that book is hauled down and entry is made of transactions.

Bongartz settled in Western Kansas from Wyoming in 1900. He has kept chickens and dairy cows from the start. That is why he is not troubled over the failure of three or four wheat crops in succession. He doesn't tell you "about"

cylindrical and constructed of concrete. Concrete feeding floors prevent wastage of feed and facilitate sanitation.

Bongartz also keeps complete records on his dairy herd. He has 22 head of Holsteins in milk. Between December 2, 1922, and February 3, 1923, two months, he sold \$503.30 worth of cream. That is more than \$7.80 a day. From December 2, 1922, to November 27, 1923, his cream sales amounted to \$1,585.19. That does not include milk sold occasionally to distributors in Ellis and approximately 5 pounds of butter a week. The cream income averages about \$5 a day.

The cows receive silage as a part of their roughage ration. The silos are filled with corn if Bongartz makes a crop. When the corn crop fails he fills with cane, kafir or anything else that is available. Bongartz cultivates five quarter sections, of which 350 acres are devoted to wheat. The rest grows feed crops for the cows and chickens. He grows all the roughage required for dairy cows and buys only bran and cottonseed cake for concentrates.

Grain sorghums are threshed and stored in bins on the farm. He maintains a gasoline engine and feed mill for grinding these grains. He raised 1,895 bushels of kafir and milo last season. This, together with oats and barley, will be reserved for feed. Bongartz markets all his crops except wheat in cream cans and egg baskets. A comparatively large acreage grows wheat but the proportion of land devoted to this crop is not so great as that on the average farm in his neighborhood. The family living and an appreciable income besides are insured by the dairy and poultry projects. And remember that Bongartz has been diversifying since he came to that country. That is why he is not worrying over wheat failures.

He grows all his own fence posts. An area of low land back of the house is planted to catalpa, honey locust, elm, osage orange and cottonwood. Beyond these is a small home orchard which has been developed by artificial watering.

Bongartz has used concrete liberally in building. Most of the foundations are protected by

cement flushings. Well casings, platforms, porches, walks and building floors, in many cases, are concrete.

"I always have kept books," said Bongartz. "I take an inventory each year and then record all cash outlays and receipts. That is the only way a man can tell whether his operations are paying. My books tell me whether the chickens and cows are making anything. That is why I have given them more and more attention. If I



Frank Bongartz's Proof of Poultry and Dairy Profits is in the Book. He is Showing the Record to Charles Waldo of Ellis

had not kept this record, I likely would have neglected the flock and herd for a larger and larger acreage of wheat."

Bongartz turned the pages of his journal to show the entries. The sales of calves, cows, cream, hatching eggs, market eggs, fryers, broilers, cockerels were carefully recorded. Payments for help or any other expenditures are entered along with the accounts of each project. Occasional footings indicated that Bongartz examines the books frequently, and also very carefully.



Silos and Granary Provide Feed Storage on the Bongartz Farm. At the Left is a Stack of Scratch Feed, Unthreshed Wheat, for the Chickens

How many chickens are on the place. He knows there were 749 early in December, including cockerels.

His eggs, except those sold for hatching, are marketed at local restaurants in Ellis. He produces a first quality product and receives a good price for it. He maintains, normally, 500 hens, half of which are pullets, in his laying flock. His breeding pens this spring will contain 120 birds. His pullets are hatched during April, May and as late as June.

Chickens have financed the conveniences in his home. Running water was installed 23 years ago. He has had an electric light plant since 1917. The water system now is connected with the light plant.

His poultry buildings are built on a hillside so that protection is afforded from severe weather. Several of them are of the cave type. One is

What May O'Brien Told the Man

Hens Are Happy on Daddy's 500 Acre Rooks County Farm and Cows Do Ever So Well Just Eating Alfalfa Hay and Corn

By M. N. Beeler

They sing and sing, and have a nice warm house that is open in front, which is good for them, and



This is May O'Brien Who Told the Man All About the Hens and Crops and Cows on Her Daddy's 500-Acre Farm

SHE was such a pretty little girl that the man noticed her among all the other children in the crowd. For the life of him he couldn't describe her now except that he remembers she had long curls, clear, pink cheeks and a happy, smiling face. She had come down the Union Pacific "Better Farming Train" along with all the other Plainville pupils because their teachers said they must. They had complied with that mandate with all the enthusiasm attendant upon an unexpected holiday from school. The children liked the cows and hens and pigs and those woolly sheep which the train carried and they couldn't get excited about the long rows of charts and demonstration material in the exhibit cars which grown-ups studied so carefully.

Follows Diversified Farming

She stood in a group of other little girls. The man observed that they liked her, too. They held her hands, caressed her curls and hugged her. She enjoyed it all. Then the man came up and spoke. She smiled. The other little girls giggled. Her name was May O'Brien. She lives on a 500-acre farm a mile north of Plainville. It's a dairy cow farm and a chicken farm, she guessed, because her folks keep both chickens and cows, and her daddy raises wheat, corn, cane, millet, Sudan grass, alfalfa and a lot of other things.

"Then your father practices diversified farming?" asked the man. May hesitated a moment over that big word, but she looked at him carefully as he repeated it and decided from his tone that "diversified farming" was quite the right word of farming for a farmer to do. And because she knew that her daddy was right, she nodded her head vigorously and said she was sure that was what he did.

She thought he grew about 350 acres of wheat a year, altho she couldn't be certain. Such details are not clear in a 10-year-old mind, especially when one has sixth-grade responsibilities. About the chickens she could be more positive. There were 250 of them, White Rocks and Leghorns. And were they happy? Why, she supposed so.

they have all the ground corn and wheat they can eat. Yes, they must be happy. They were raised from baby chicks bought of a hatchery.

The cows were doing quite well just on corn and alfalfa hay. She couldn't remember exactly, but she believed that her folks sold about 13 or 14 pounds of butter a week during the winter months. Twelve of the 20 Holsteins are milked once a day, she said, but maybe that is because May does not get up early enough to observe the other milking. Calves and chickens get the skim-milk. When the weather isn't too cold, the cows graze on wheat pasture and in summer they have Buffalo grass and alfalfa. The man asked again about the alfalfa pasture. He was afraid it might make the cows sick, but May was quite sure they never had had a pain from eating it.

Uses Horses for Farm Work

All the farm work is done with horses because her daddy thinks they give the cheapest and most dependable farm power, altho she did not say it just that way. He has 15 head and they receive about the same diet as the milk cows, corn and alfalfa hay.

Yes, they lived in a modern house. There are electric lights by which one does one's lessons when one isn't too sleepy. Then there is running water, bath and a hot air furnace. They have lived in that country seven years, having come from Southwestern Missouri when May was only 3 years old.

Marguerite is in the seventh grade. May's brother Willie is 13 and also in the seventh grade. Tommy is quite grown up at 14 and is in high school. All the children attend Plainville schools.

When the man asked permission to take May's picture she didn't know what to say. But Marguerite thought it would be all right. May stood very straight and prim and the man suggested she smile a little. She did and the embarrassed soberness all disappeared. The other little girls snickered and whispered. Then the camera clicked. May's friends closed in and bore her away. It certainly was a funny experience, but they had forgotten it almost before the train left.

Sheep Fill Dorman's Granary

Flock of Trego County Farmer Insures Living Income and Finances Storage of His Grains to Await an Upturn in Market Prices

By John R. Lenray

SHEEP finance the orderly marketing of grain raised on G. A. Dorman's farm in Trego county. Dorman holds his wheat until the price is satisfactory. Last fall he was one of the few farmers in that section of Western Kansas who had any wheat to sell for seed. Portions of the 1920, 1921 and 1922 crop were sold, a total of 2,000 bushels, for \$1 a bushel and his neighbors took it from the bin.

So long has Dorman lived in Western Kansas and so much has he profited by his experience that he knows a full year is likely to be followed by a lean year or two. And if the price for any of his grain crops at harvest time is not satisfactory, he tucks them away in a granary until a shortage stimulates the demand. Sheep provide his living and enable him to hold wheat and corn for better prices.

A quarter of a century ago he had an opportunity to buy a foundation flock. Thirty-five ewes were bought at \$1.50 a head. He had been employed by the former owner and had observed that sheep were a safe source of income. In the 25 years he has constantly improved the flock by introducing purebred rams. No ewes have been bought during that time. Replacements of his own breeding have maintained and increased the flock.

Good Profits in Lambs

In 1911 when the drouth took his feed crop, he had 320 head. All but 65 were sold. Since then he has sold 550 sheep and now has 245 head. Occasionally he feeds out the lambs and that, he says, is what one should attempt to do because it increases profits. However, he cannot always grow the necessary feed, and for that reason markets the lambs as feeders. Last year he had 200 lambs which he had prepared to fatten but a water famine prevented.

Dorman has a section and a quarter 8 miles northwest of Wakeeney. On 230 acres of this he grows corn, cane, kafir, feterita and wheat. His wheat acreage is never more than 100. Last season he had 46 acres of corn, 8 of kafir and 80 of cane. The sorghums provide winter feed for his flock. The rest of his land is fenced with woven wire for sheep pasture.

While nearby Buffalo grass has suffered from excessive grazing, Dorman's pasture has improved under the stimulus of sheep manure. The half section north is used by L. H. Dorman, his brother, as a cattle pasture. The sheep range had three times as much grass on it last year as the cattle range.

"Forty-four years in this country

have given us some experience in providing feed," said Dorman last fall. "No matter how good the crop is nor how high the price, we hold enough feed back to carry our stock thru the winter. We have corn on hand that is 2 years old. We may sell some, if the price is right, but it will have to be better than it is now. These folks who are selling for less than half a

dollar may be replacing it next spring or a year from then with corn at three times what they are getting now. It usually happens.

"I remember a similar case several years ago. There was a big corn crop and farmers unloaded at 80 cents a bushel. We held ours and fed it in the spring when other folks bought their corn back for \$1.50 a bushel. We maintained our stock on 80-cent corn and sold the surplus at a price which made the holding profitable.

"I am expecting the same thing to happen this year. Of course the price likely will not go so high, but these folks who are selling their crop will buy corn at a much higher price either this coming spring or next."

Dorman is never without feed. Conditions in Western Kansas make necessary a larger carry over than is required in a section where annual crops are more certain. When a good crop year comes, Dorman stores the surplus production on his own farm because he knows that it will be needed. Too much grain accumulates, he sells enough to relieve his storage space when the price suits him.

How He Pays His Bills

Sheep pay Dorman's bills. They make him independent of his crop. That is why he is able to hold them. Sometimes it is a year, sometimes two and sometimes three years before he sells. In many cases he finds, as he did last fall, a market for his wheat right at home. The local demand for corn, grain sorghums and rough hay usually enables him to dispose of any surplus he may have.

"Farmers need a source of income aside from their crops," said Dorman. "Sheep provide our living. Several years they have paid the bills while other farmers were forced to borrow money to live on until another crop could be made."

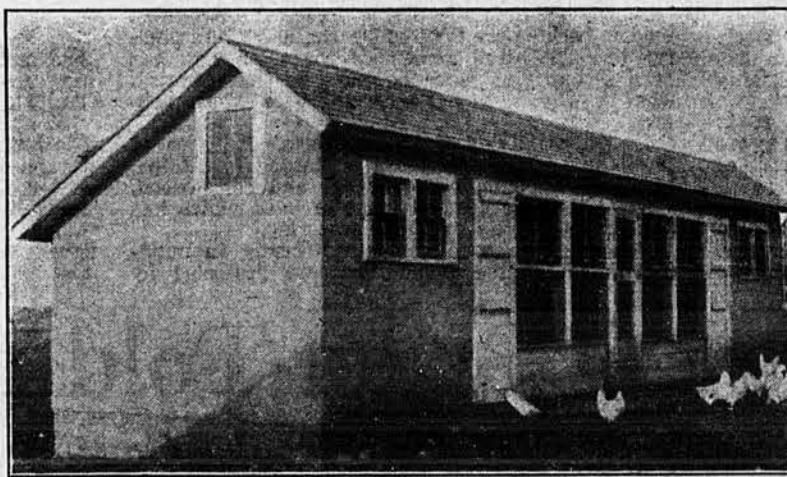
Perhaps the big wheat grower could not finance the holding of his crop with a livestock sideline, but he could at least provide his living that way. For the smaller operator Dorman's methods are suggestive of a safe procedure. Note that he produces a much smaller acreage of wheat than the average man who is cultivating a similar acreage. Sheep, hogs, chickens and dairy cows insure a steady income.

Concrete Plaster for Hen House

BY M. N. BEELER

CONCRETE plaster was used as an outside covering for a poultry house on the Frank Milliken farm, 5 miles east of Paxico. The house cost about \$200 four years ago. The frame work is of wood and it is boarded up with old lumber. The concrete is plastered over metal lath and has not cracked. The inside is finished with ordinary lime plaster.

The building is 38 by 10 feet and contains three rooms, one for scratching and two for roosts and laying. The floor is of concrete. At the east end is a concrete feeding floor about 10 feet square for young chicks and broilers. On the south side there are four double windows, the upper portion of which is of four-glass sash and the lower part of muslin frames for ventilation. These are left open in summer. There are also four smaller windows near the eaves in this side, and one each in the ends. Two dormer windows on the back side are slatted to admit light and air. The house accommodates 225 White Leghorn layers.



Livestock Prices on Upgrade

By T. W. Morse

NINE months ago a livestock paper editor asked me to write him an "article" indicating the probable course of pork prices for the year. Like a colored janitor we used to have in Kansas City, who got genuine joy out of being asked to change a \$10 bill, I thanked him for the compliment, but had to tell him I "didn't have no change at all."

This, however, was my alibi: A new bunch of bankers had come into control of the Armour and Morris packing interests, and even accurate knowledge of how packers handled the market in the past would have been a poor guide under present conditions.

Market Has Been Natural

Now the most natural thing would be to keep prices down so long as runs kept up. On this basis most pork producers will agree that the market has been "natural" a good share of the time. It also will be easy to get agreement on the proposition that packers have not, for years, made as much money on pork, as in 1923, while retailers, apparently, have done even better than the packers. An extremely high proportion of the big hog runs has been consumed as fresh pork, which means the quickest possible turnover at minimum manufacturing costs. From some source that seemed good authority I have the statement that 26 per cent more pork was consumed in this country the first half of 1923 than for the same period a year before. It is almost certain that consumption for the last half of 1923 will be as large.

But what I started to discuss is the outlook for business in breeding animals; purebred hogs and cattle. This is a business that comes more nearly responding to natural causes and psychological conditions, and both these factors now favor an improved demand. Already examples are abundant of the actual presence of such demand for dairy cattle. Except where last summer's drouth interfered, and wheat pasture is remedying that condition, there has developed demand for good beef type animals as well as dairy. The burst of the boom was followed by depletion of stocks so there is less than the usual surplus available. A public sale of Shorthorns at Abilene, Kan., since the middle of December averaged \$175. The Shorthorn sale at the American Royal averaged more than \$200, and the sale offering was almost wholly calves and yearlings, with farmers and new breeders doing nearly all the buying. A few days later the Shorthorn sale of Doctor Nauman at Craig, Mo., adjacent to both Nebraska and Kansas territory, averaged about \$250. The American Royal Hereford sale (also of youngsters) averaged more than \$400, but leaving out two or three show animals whose sale may not have been typical of conditions, the balance of the offering, mostly youngsters, averaged around \$250. A Shorthorn sale in Southern Kansas, in the heart of the region of last summer's total drouth, averaged about \$135, where last spring,

with crop prospects good, an average of \$100 would have been very difficult.

Good public sales of dairy cattle have been numerous. Jersey sales properly managed, in Oklahoma, Kansas, Nebraska and Missouri, have been uniformly good. The Camfield Jerseys averaged \$117.50, in the driest corner of Missouri; the J. B. Smith Jerseys near Kansas City averaged \$140, and more than 70 were sold in the latter sale. The Parker Farm Jerseys, at Wolcott, Kan., averaged \$156. Six months ago averages 20 per cent lower than these would have been hard to make. One of the latest Holstein sales, that of J. M. White, at Topeka, Kan., averaged \$184 on 48 head. The J. C. Long sale at Haddam, Kan., averaged \$157. More than 100 grade Holsteins sold November 22, near Wichita, at about \$100 average. A few days later the Robison dispersion, in which 16 sucking calves sold as separate lots, averaged \$145. The Union College Holstein sale in Nebraska, averaged \$165, cows averaging \$210. The E. S. Coates Jerseys at Ord, Neb., averaged \$155 on cows and the Shallenberger and Haskins & Ogden Shorthorns averaged about \$200.

These sales have been in marked contrast with many attempted in the summer and early autumn. Of course, there have been some late failures and will be more, due to failure for some reason to connect with the actual demand or to lack of merit in the animals offered. That the demand exists,

plainly has been demonstrated, and that there is no big surplus of animals to satisfy the demand is equally plain.

I am not quoting any hog prices; predicting any. Yet offerings sold last fall, if advertised with judgment and conservation, often netted 20 to 10 per cent more than they would have netted on the pork market. Breeders are learning efficiency and economy in their selling methods, and this is a double help to them, as they will discover. Only a short time ago the farmers by the thousands were becoming disgusted with, and suspicious of the "purebred business" because of the waste in exaggerating, spectacular advertisements and too numerous and orbitant auction fees. They were being driven away from the business.

No Question About Demand

Much of Oklahoma will have to be restocked with hogs. Kansas had made great strides back toward normal population but during the last year has lost much of its previous year's gain. Nebraska was nearly back to normal, but with one of the biggest corn crops in its history, that is not enough, and even in Nebraska and Missouri, with their big corn crops, pork has caused many farmers to get rid of their hogs. Enough rise in price to make pork production profitable again will start a strong "grass roots" demand for breeding stock, for farmers and breeders alike, know they have been standing on bed rock, and the forward is the only way to travel. It is evident that the improvement in pork prices must come very soon.

Fordson

A new year dawns on the farm with the coming of spring work.

Whether it is to be one of profit on your farm quite frequently depends on the use you are able to make of the time when the soil is just right for breaking and seeding.

Many thousands of farmers face this new year with confidence that their labors will be rewarded to the utmost. Their Fordson power assures that spring work will be done when it should be done.

Ford Motor Company

CARS · TRUCKS · TRACTORS

Ask Any Ford Dealer





Marshaling the Telephone Forces

In the simple act of lifting the telephone receiver from its hook every subscriber becomes the marshal of an army. At his service, as he needs them, a quarter of a million men and women are organized in the Bell System. One skilled corps of the telephone army moves to place him in talking connection with his neighbor in the next block, in the next state or across the continent. Another highly trained corps is on duty to keep the wires in condition to vibrate with his words. Still others are developing better apparatus and methods, manufacturing and adding new equipment, and installing new telephones to increase the subscriber's realm of command.

The terrain of the telephone army is the whole United States, dotted with 14,000,000 instruments, all within range of the subscriber's telephone voice. Even in the remote places this army provides equipment and supplies. Its methods of operation are constantly being improved, that each user may talk to his friends with increased efficiency. Millions of money are spent in its permanent works. Yet its costs of operation are studiously held to the minimum, that the subscriber may continue to receive the cheapest as well as the best telephone service in the world.

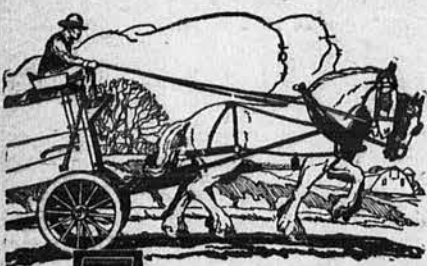
The permanent objective of the Bell System army is to meet the telephone needs of the nation—a hopeless task were not its command unified, its equipment adequately maintained and its personnel trained in the latest developments of telephone art.



AMERICAN TELEPHONE AND TELEGRAPH COMPANY
AND ASSOCIATED COMPANIES

"BELL SYSTEM"

One Policy, One System, Universal Service



Working with Old Harness Is Dangerous

Snap! What happens? A runaway; possibly an accident; maybe a serious injury. The best that can happen is bad enough—delay, annoyance, loss of time, loss of money.

Don't gamble on making the old harness last another season. Buy a new set now and for economy's sake buy the best. That, in the mind of almost every farmer, means The BOYT Harness.

Properly cared for, The BOYT Harness will outlast ordinary harness two to one. It is made of highest quality leather. It is trimmed with rustless bronze hardware, hardened and tempered for extra wear. All straps operate in flat bearings instead of rings. They don't cut. Traces are cut from the best and heaviest part of the back and a new building process just designed makes them twice as strong at points of greatest wear.

Quality and service considered. The BOYT Harness is the least expensive harness made. It will outlast two ordinary sets and cost less for upkeep in the bargain. It is built for the man who sees the economy of high quality and takes pride in owning the best. \$78.00 per set at your dealers.

Send for our free book which illustrates and describes in detail the new 1924 BOYT Harness.

Walter Boyt Company, Inc.
230 Court Ave. Des Moines, Iowa

Bronze Buckles
The Boyt Harness has rustless bronze hardware at more than eighty points

This Free Book tells the story of Boyt quality. Send for it today



THE BOYT HARNESS

"The Standard Work Harness of America"

THE CROSS-CUT

By COURTNEY RILEY COOPER

(Copyrighted)

NOT yet, I—I think maybe that was one reason I wanted to see some one whom I believed to be a friend. He's coming after me at midnight. We're to go away somewhere."

"Rodaine? Impossible!"
"They've made all their plans. I—I wondered if you—if you'd be somewhere around the house—if you'd—"
"I'll be there. I understand," Fairchild had reached out and touched her arm. "I—want to thank you for the opportunity. I—yes, I'll be there," came with a short laugh. "And Harry too. There'll be no trouble—from the Rodaines!"

She came a little closer to him then and looked up at him with trusting eyes, all the brighter in the spluttering light of the carbide.

"Thank you—it seems that I'm always thanking you. I was afraid—I didn't know where to go—to whom, to turn. I thought of you. I knew you'd help me—women can guess those things."

"Can they?" Fairchild asked it eagerly. "Then you've guessed all along that—"

But she smiled and cut in.

"I want to thank you for those flowers. They were beautiful."

"You knew that too? I didn't send a card."

"They told me at the telegraph office that you had wired for them. They meant a great deal to me."

"It meant more to me to be able to send them." Then Fairchild stared with a sudden idea. "Maurice's coming for you at midnight. Why is it necessary that you be there?"

"Why—" the idea had struck her too—"It isn't. I—I just hadn't thought of it. I was too badly scared, I guess. Everything's been happening so swiftly since—since you made the strike up here."

"With them?"

"Yes, they've been simply crazy about something. You got my note?"

"Yes."

"That was the beginning. The minute Squint Rodaine heard of the strike, I thought he would go out of his head. I was in the office—I'm vice-president of the firm, you know," she added with a sarcastic laugh. "They had to do something to make

up for the fact that every cent of father's money was in it."

"How much?" Fairchild asked the question with no thought of being rude—and she answered in the same vein.

"A quarter of a million. They'd been getting their hands on it more and more ever since father became ill. But they couldn't entirely get it into their own power until the Silver Queen strike—and then they persuaded him to sign it all over in my name into the company. That's why I'm vice-president."

"And is that why you arranged things to buy this mine?" Fairchild knew the answer before it was given.

"I? I arrange—I never thought of such a thing."

Noise From Above

"I felt that from the beginning. An effort was made thru a lawyer in Denver who hinted you were behind it. Some way, I felt differently. I refused. But you said they were going away?"

"Yes. They've been holding conferences—father and son—one after another. I've had more peace since the strike here than at any time in months. They're both excited about something. Last night Maurice came to me and told me that it was necessary for them all to go to Chicago where the head offices would be established, and that I must go with him. I didn't have the strength to fight him then—there wasn't anybody nearby who could help me. So I—I told him I'd go. Then I lay awake all night, trying to think out a plan—and I thought of you."

"I'm glad," Fairchild touched her small gloved hand then, and she did not draw it away. His fingers moved slowly under hers. There was no resistance. At last his hand closed with a tender pressure—only to release her again. For there had come a laugh—shy, embarrassed, almost fearful—and the plea:

"Can we go back where Harry is? Can I see the strike again?"

Obediently Fairchild led the way, beyond the big cavern, thru the cross-cut and into the new stope, where Harry was picking about with a gad, striving

(Continued on Page 13)

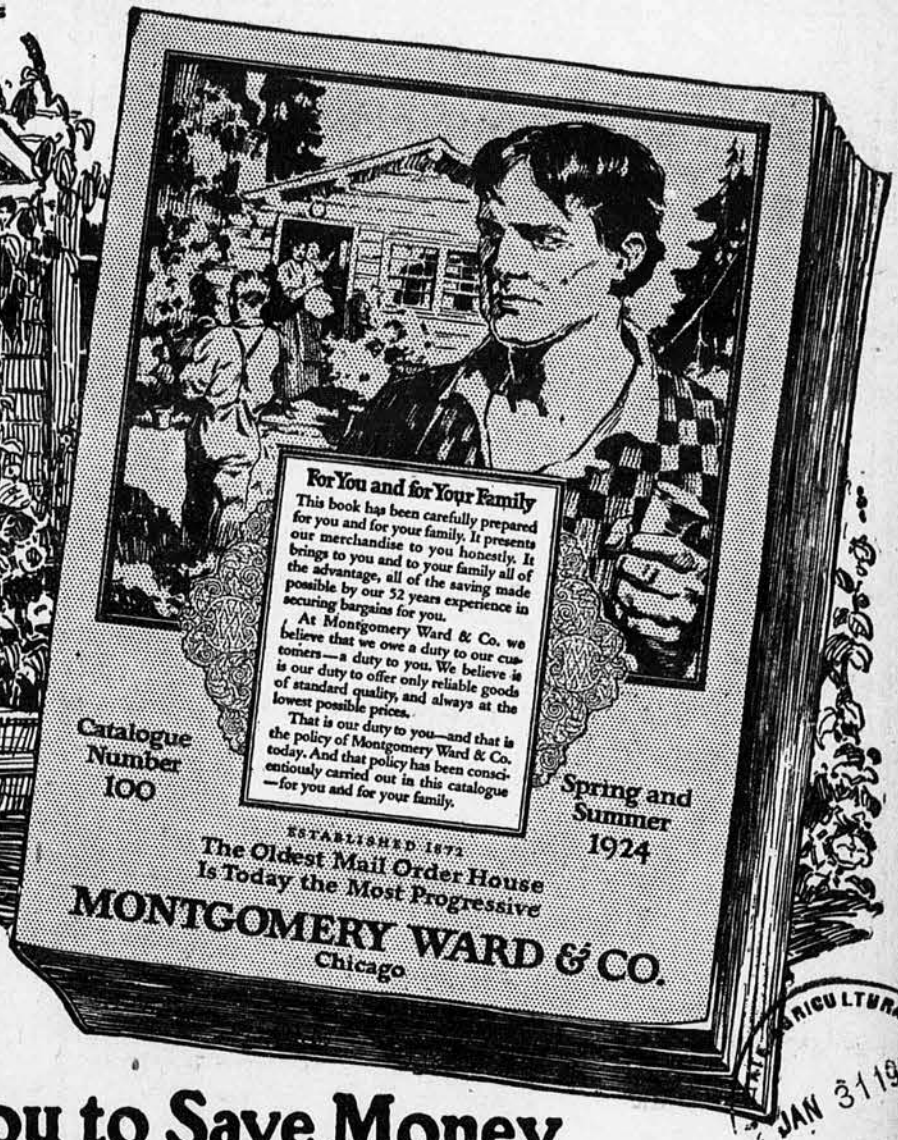
The Progress of 23 Years

OUR national output of food and other agricultural products is almost 40 per cent greater than it was in 1900, and has, therefore, kept pace with the growth of population. The output of manufactures and mines has more than doubled during this period. We are as well fed as we were in 1900; and we have on the average about 60 per cent more manufactured products per capita to administer to our wants than we had two decades ago. To put it concisely, there are 140 people living in the United States now for every 100 then; there are more than 140 people 10 years old, or over, engaged in gainful occupations now for every 100 so engaged then. They produce almost 140 units of agricultural products, measured in bushels, pounds, gallons, and dozens; and they bring forth 230 units of manufactured goods and of mining products for every 100 then. This comparison of output with population presents that picture of our industrial life which is of greatest importance for the welfare of the people. Every nation must live primarily upon the things which it produces currently. It can draw upon its accumulated wealth for only a small amount of its sustenance. For this reason the attention of economists is being directed more and more to the national income, rather than the accumulated wealth of the nation.

Out of this production we have accumulated an immense addition to our tangible durable wealth available for enjoyment and use, or for employment in further production. Houses, automobiles, public buildings, roads and pavements, factories, railroads and public utilities, have all increased in quantity. They, too, are the cumulative results of our productive effort.

In addition to this growth of production and of tangible wealth, we have had a revolution in prices and wages. Prices rose steadily from 1900 to 1910. Thereafter they remained relatively stable until 1915. At the beginning of the following year they began to rise once more, until, in 1920, they stood at a point almost three times as high as in 1900. In September, 1923, they were still 90 per cent higher than 23 years earlier. Wages rose until they were more than three times as high in 1920 as they had been in 1900. In 1923 they were still almost three times as high as in 1900.

This increase in production and prices brought about a striking increase in our national income as expressed in money terms. According to Dr. Wilford I. King, the total income of the American people in 1900, expressed in the price terms of that year, was 17,965 million dollars. In 1910, according to the computations of the National Bureau of Economic Research, it stood at 31,100 million dollars; and in 1920 it was approximately 70,000 million dollars. Since then prices have fallen somewhat, so that in 1922 it was 65,000 million dollars. At the same time our national wealth has increased from 88,500 million dollars to over 400,000 million dollars.



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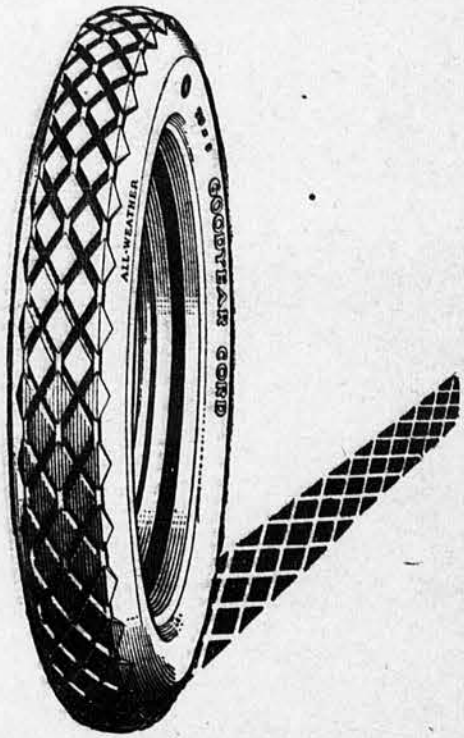
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Lost temper means loss that cannot be retrieved all along the line.

Of Interest to Santa Fe Patrons

Have you compared after-the-war prices of what you buy and sell with those of a pre-war normal year—say, 1922 with 1915?

Santa Fe System Lines have made such a comparison, and you will be interested in the result:

The Santa Fe System sells transportation only, but buys steel, fuel, lumber and all kinds of building and construction material; and is a very large user of labor.

The Santa Fe System received in 1922, \$1.45 for hauling the same amount of freight the same distance that it received \$1.00 for in 1915, and \$1.60 for hauling a passenger the same distance it received \$1.00 for in 1915. Or, combining freight and passenger, it received \$1.50 for the same service it received \$1.00 for in 1915, the increase being 50 per cent.

The Santa Fe System paid \$2.11 for the same quantity of fuel that \$1.00 paid

for in 1915; \$1.77 for the same quantity of materials and supplies, other than fuel, that \$1.00 paid for in 1915; \$2.22 for the same number of hours of labor worked in 1922 as \$1.00 paid for in 1915. Aggregating all operating expenses, it paid in 1922, \$2.05 for the same number of hours worked and same quantity of materials and supplies as it paid \$1.00 for in 1915. It paid \$2.90 in taxes in 1922 for every \$1.00 paid in 1915.

Santa Fe System employees received an average annual compensation in 1922 of \$1.81 for every \$1.00 received in 1915, and the cost of living of such employees was \$1.62½ in 1922 for every \$1.00 in 1915.

Freight rates and passenger fares cannot be reduced until taxes and the cost of operation are reduced.

Cost of operation cannot be substantially reduced until the price of labor and material is reduced. And the price of labor and material cannot be reduced until the cost of living is reduced.

W. B. STOREY, President
The Atchison, Topeka and Santa Fe Railway System

Jayhawker's Farm Notes

Many Farmers Think That Cold Winters Kill Out Chinch Bugs and Other Insect Pests

BY HARLEY HATCH

FARMERS here are wondering what this snappy weather is doing to the buried chinch bugs. That it will harm them at all seems too good to be true but there seems a connection between our recent mild winters and the great increase in chinch bugs since 1920.

In thinking back over the seasons which followed really severe winters it does seem that such seasons were rather free from bugs. But as bug killers, the best of all are the seasons when heavy rains fall just at the time a brood of bugs is hatching out. An old bug, or even one which has made a fair start in life, can stand a great deal of rainy weather, but if such weather catches a newly hatched bug, it goes hard with him.

Farmers here report that wheat looks mighty slim; it hid itself directly after our first zero weather and it now makes but little showing, so little that it scarcely can be told, in driving by a field, whether it is sown to wheat or not. Our zero weather has been dry and without storm, and as a result, stock are holding their own in good order.

Corn Now Worth 80 Cents

The local price of good quality corn reached 80 cents a bushel here this week to the discomfort of those who are feeding such corn to hogs. The highest price paid this week for hogs has been \$6.50, but most of the hogs sold of late have been light in weight and have brought about \$6. That this condition has cut down the numbers of brood sows very heavily in this territory, is found easily by questioning any farmer as to the number he had last spring and the number he now is keeping.

On this farm we have made up our minds to stick to a permanent plan of breeding eight sows every year, regardless of conditions at the time of breeding. Corn is scarce and high in price now but it may be plentiful and cheap next fall. Before the war our policy was to raise and feed 50 head

of hogs every year; the conditions during the war caused us to give up that policy, but we have again come to the conclusion that we ought to raise that many hogs each year. We can't expect always to hit the high places at selling time but we can take a moderate gait and hold to it year after year, depending on the profits of the good years to carry us over the poor ones.

Good Reading for Winter Evenings

These long, cold, winter evenings may be made the most pleasant of the year if one will only provide a good fire, a bright light and good books and papers to read. We note some objection to the buying of books at this time, the objectors saying that books are costing twice what they did before the war, and that the contents of such books are in many instances open to the same objection as present day music—too much jazz.

There is jazz both in music and books for those who like it, but there are also late published books which reach a very high mark. Among such books which will appeal strongly to farm families are two by Herbert Quick, "Vandemare's Folly" and "The Hawkeye." They bring the past very close to anyone who lived in the West when the sod was being broken out. Other books equally interesting are "A Son of the Middle Border," and "Main Traveled Roads" by Hamlin Garland.

Both Mr. Garland and Mr. Quick are real sons of the West and their books should be in every Western farm home. Another book equally as interesting and especially so to Kansans, is our own Mr. McNeal's "When Kansas Was Young." While it is best to own these books, one is not compelled to in order to read them, as they should be found on the shelves of every public library.

An Orchard Insures Old Age

(Continued from Page 3)

free from dead branches and that is about all the pruning they need.

In all orchards that bear well, Mr. Inven sows clover and alfalfa. Occasionally a hay crop is taken off, but for the most part the alfalfa and clover remain on the ground. About every third or fourth year the ground is plowed.

Jonathans are favorites with Mr. Inven. He regards them as the most popular apple and the money maker, but the Winesaps, Delicious, and Black Twig are by no means neglected. A 200-gallon power spray machine does very efficient work the five times it is used each year. Lime-sulfur, arsenate of lead and lime sulfur, and Bordeaux mixture are the materials used to get the bugs and pests, and the lime-sulfur dormant spray is the first one used. Apple blotch has caused Mr. Inven the most trouble, due to the fact that the Bordeaux mixture wasn't used early enough, so he said. Mr. Inven doesn't hold himself as an authority in orcharding altho his experience and success would justify it. He simply states that he looked ahead some years when he was younger and planned things and now he can retire on his orchards when he chooses.

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The Cross-Cut

(Continued from Page 10)

to find a soft spot in which to sink a drill. He looked over his shoulder as they entered and grinned broadly.

"Oh," he exclaimed, "a new miner!" "I wish I were," she answered. "I wish I could help you."

"You've done that, all right, all right," Harry waved his gad. "I told me—about the note!"

"Did it do any good?" she asked the question eagerly. Harry chuckled.

"I'd 'ave been a dead mackerel if it hadn't," came his hearty explanation. "Where you going at, all dressed up like that?"

"I'm supposed," she answered with a smile toward Fairchild, "to go to Center City at midnight. Squint Rodaine's there and Maurice and I are supposed to join him. But—but Mr. Fairchild's promised that you and he will arrange it otherwise."

"Center City? What's Squint doing there?"

"He doesn't want to take the train from Ohadi for some reason. We're all going East and—"

But Harry had turned and was staring upward, apparently oblivious of their presence. His eyes had become wide, his head had shot forward, his whole being had become one of strained attention. Once he cocked his head, then, with a sudden exclamation, he leaped backward.

"Look out!" he exclaimed. "Urry, look out!"

"But what is it?"

"It's coming down! I 'eard it!" Excitedly he pointed above, toward the black vein of lead and silver. "Urry for that 'ole in the wall—'urry, I tell you!" He ran past them toward the fissure, yelling at Fairchild. "Pick 'er up and come on! I tell you I 'eard the wall moving—it's coming down, and if it does, it'll bust in the 'ole tunnel!"

But Nothing Occurred

Hardly realizing what he was doing or why he was doing it, Fairchild seized Anita in his arms, and raising her to his breast as tho she were a child, rushed out thru the cross-cut and along the cavern to the fissure, there to find Harry awaiting them.

"Put 'er in first!" said the Cornishman anxiously. "The farther the safer. Did you 'ear anything more?"

Fairchild obeyed, shaking his head in a negative to Harry's question, then squeezed into the fissure, edging along beside Anita, while Harry followed.

"What is it?" she asked anxiously. "Harry heard some sort of noise from above, as if the earth was crumbling. He's afraid the whole mine's going to cave in again."

"But if it does?"

"We can get out this way—somehow. This connects up with a spring-hole; it leads out by Crazy Laura's house."

Ugh! Anita shivered. "She gives me the creeps!"

"And every one else; what's doing, Harry?"

"Nothing. That's the funny part of it!" The big Cornishman had crept to the edge of the fissure and had stared for a moment toward the cross-cut leading to the stope. "If it was coming, it ought to 'ave showed up by now. I'm going back. You stay 'ere."

"But—"

"Stay 'ere, I said. And," he grinned

in the darkness, "don't let 'im 'old your 'and, Miss Richmond."

"Oh, you go on!" But she laughed. And Harry laughed with her.

"I know 'im. 'E's got a wye about 'im."

"That's what you said about Miss Richmond once!"

"Have you two been talking about me?"

"Often." Then there was silence—for Harry had left the fissure to go into the stope and make an investigation. A long moment and he was back, almost creeping, and whispering as he reached the end of the fissure.

"Come 'ere—both of you! Come 'ere!"

"What is it?"

"Sh-h-h-h-h. Don't talk too loud. We've been blessed with luck already. Come 'ere."

He led the way, the man and woman following him. In the stope the Cornishman crawled carefully to the staging, and standing on tiptoes, pressed his ear against the vein above him. Then he withdrew and nodded sagely.

A Fight in Prospect

"That's what it is!" came his announcement at last. "You can 'ear it!"

"But what?"

"Get up there and lay your ear against that vein. See if you 'ear anything. And be quiet about it. I'm scared to make a move, for fear somebody'll 'ear me."

Fairchild obeyed. From far away, carried by the telegraphy of the earth—and there are few conductors that are better—was the steady pound, pound, pound of shock after shock as it traveled along the hanging wall. Now and then a rumble intervened, as of falling rock, and scrambling sounds, like a heavy wagon passing over a bridge. Fairchild turned, wondering, then reached for Anita.

"You listen," he ordered, as he lifted her to where she could hear. "Do you get anything?"

The girl's eyes shone.

"I know what that is," she said quickly. "I've heard that same sort of thing—before—when you're on another level and somebody's working above. Isn't that it, Mr. Harkins?"

Harry nodded.

"That's it," came tersely. Then bending, he reached for a pick, and muffling the sound as best he could between his knees, knocked the head from the handle. Following this, he lifted the piece of hickory thoughtfully and turned to Fairchild. "Get yourself one," he ordered. "Miss Richmond, I guess you'll 'ave to stay 'ere. I don't see 'ow we can do much else with you."

"But can't I go along—wherever you're going?"

"There's going to be a fight," said Harry quietly. "And I'm going to knock somebody's block off!"

"But—I'd rather be there than here. I—I don't have to get in it. And—I'd want to see how it comes out. Please—!" she turned to Fairchild—"won't you let me go?"

"If you'll stay out of danger."

"It's less danger for me there than—than home. And I'd be scared to death here. I wouldn't if I was along with you two, because I know—" and she said it with almost childish conviction—"that you can whip 'em."

Harry chuckled.

"Come along, then. I've got a 'unch, and I can't sye it now. But it'll come out in the wash. Come along."

He led the way out thru the shaft and into the blizzard, giving the guard instructions to let no one pass in their absence. Then he suddenly knelt.



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"Up, Miss Richmond. Up on my back. I'm 'efty—and we've got snow-drifts to buck."

She laughed, looked at Fairchild as tho for his consent, then crawled to the broad back of Harry, sitting on his shoulders like a child "playing horse."

They started up the mountain side, skirting the big gullies and edging about the highest drifts, taking advantage of the cover of the pines, and bending against the force of the blizzard, which seemed to threaten to blow them back, step for step. No one spoke; instinctively Fairchild and Anita had guessed Harry's conclusions. The nearest mine to the Blue Poppy was the Silver Queen, situated several hundred feet above it in altitude and less than a furlong away. And the metal of the Silver Queen and the Blue Poppy, now that the strike had been made, had assayed almost identically the same. It was easy to make conclusions.

Up to the Silver Queen

They reached the mouth of the Silver Queen. Harry relieved Anita from her position on his shoulders, and then reconnoitered a moment before he gave the signal to proceed. Within the tunnel they went, to follow along its regular, rising course to the stope where, on that garish day when Taylor Bill and Blindeye Bozeman had led the enthusiastic parade thru the streets, the vein had shown. It was dark there—no one was at work. Harry unhooked his carbide from his belt, lit it and looked around. The stope was deeper now than on the first day, but not enough to make up for the vast amount of ore which had been taken out of the mine in the meanwhile. On the floor were tons of the metal, ready for tramping. Harry looked at them, then at the stope again.

"It ain't coming from 'ere!" he announced. "It's—" then his voice dropped to a whisper—"what's that?"

Again a rumbling had come from the distance, as of an ore car traveling over the tram tracks. Harry extinguished his light, and drawing Anita and Fairchild far to the end of the stope, flattened them and himself on the ground. A long wait, while the rumbling came closer, still closer; then, in the distance, a light appeared, shining from a side of the tunnel. A clanging noise, followed by clattering sounds, as tho of steel rails hitting against each other. Finally the tramping once more—and the light approached.

Into view came an ore car, and behind it loomed the great form of Taylor Bill as he pushed it along. Straight to the pile of ore he came, unhooked the front of the tram, tripped it and piled the contents of the car on top of the dump which already rested there. With that, carbide pointing the way, he turned back, pushing the tram before him. Harry crept to his feet.

"We've got to follow!" he whispered. "It's a blind entrance to the tunnel some'eres."

They rose and trailed the light along the tracks, flattening themselves against the timbers of the tunnel as the form of Taylor Bill, faintly outlined in the distance, turned from the regular track, opened a great door in the side of the tunnel, which, to all appearances, was nothing more than the ordinary heavy timbering of a

weak spot in the rocks, pulled it far back, then swerved the tram within. Then, he stopped and raised a portable switch, throwing it into the opening. A second later the door closed behind him, and the sound of the tram began to fade in the distance. Harry went forward, creeping along the side of the tunnel, feeling his way, stopping to listen now and then for the sound of the fading ore car. Behind him were Fairchild and Anita, following the same procedure. And all three stopped at once.

There Was the Cross-Cut

The hollow sound was coming directly to them now. Harry once more brought out his carbide to light it for a moment and to examine the timbering.

"It's a good job!" he commented. "You couldn't tell it five feet off!"

"They've made a cross-cut!" This time it was Anita's voice, plainly angry in spite of its whispering tones. "No wonder they had such a wonderful strike," came scathingly. "That other stope down there—"

"Ain't nothing but a salted proposition," said Harry. "They've cemented up the top of it with the real stuff and every once in a while they blow a lot of it out and cement it up again to make it look like that's the real vein."

"And they're working our mine!" Red spots of anger were flashing before Fairchild's eyes.

"You've said it! That's why they were so anxious to buy us out. And that's why they started this two-million-dollar stock proposition, when they found they couldn't do it. They knew if we ever 'it that vein that it wouldn't be any time until they'd be caught on the job. That's why they're ready to pull out—with somebody else's million. They're getting at the end of their rope. Another thing; that explains them working at night."

Anita gritted her teeth. "I see it now—I can get the reason. They've been telephoning Denver and holding conferences and all that sort of thing. And they planned to leave these two men behind here to take all the blame."

"They'll get enough of it!" added Harry grimly. "They're miners. They could see that they were making a straight cross-cut tunnel on to our vein. They ain't no children, Blindeye and Taylor Bill. And 'ere's where they start getting their trouble."

He pulled at the door and it yielded grudgingly. The three slipped past, following along the line of the tram track in the darkness, Harry's pick handle swinging beside him as they sneaked along. Rods that seemed miles; at last lights appeared in the distance. Harry stopped to peer ahead. Then he tossed aside his weapon.

"There's only two of 'em—Blindeye and Taylor Bill. I could whip 'em both myself but I'll take the big 'un. You—" he turned to Fairchild—"you get Blindeye."

"I'll get him." Anita stopped and groped about for a stone.

"I'll be ready with something in case of accident," came with determination. "I've got a quarter of a million in this myself!"

(TO BE CONTINUED)

Selfishness is the central sin, from which all others radiate.



Birdie, You're on a Hard-Boiled Egg!

Farmers Want Lower Taxes

Kansas Taxpayers at Meeting in Topeka Ask a Readjustment of Levies and Valuations

BY JOHN W. WILKINSON

MEMBERS of the Kansas State Taxpayers' Association held a series of meetings at Memorial Hall in Topeka on January 22 and 23 that were attended by delegates from nearly every county in the state. All of the various farm organizations had representatives in the convention and all seemed fully agreed that farmers were bearing more than their just share of taxes and that immediate steps must be taken to reduce levies and to bring about a more equitable distribution of the tax burden.

Convention Adopts Definite Plans

An interesting program was arranged for the meeting and some very instructive addresses were delivered upon various phases of taxation. At the business meeting of the association a definite line of action was mapped out and officers were selected for the current year. R. A. Elward of Reno county, was elected president of the state association for the ensuing year, succeeding Senator A. O. Delaney of Doniphan county. All other state officers were re-elected. They include Harry Schumaker, Atchison, vice-president; Alva Sweezey, Osage county, treasurer, and J. M. Kessler, Topeka, secretary.

The association indorsed President Coolidge's stand for tax reductions. The convention also expressed its gratitude that Governor Davis was in favor of a reduction in taxes.

"We express our appreciation that the President of the United States and the governor of our state have aligned themselves with us and with other friends of tax reduction," the association declared in the convention resolutions.

Altogether the convention adopted a set of resolutions containing 20 points. The organization is in favor of the abolition of tax exempt bonds and the federal aid road system in its present form.

The resolution takes the members of the 1923, legislature to task for refusing to pass measures introduced at the instance of the Kansas State Taxpayers' Association. When the tax rate in any community reaches 3 per cent the organization would automatically suspend the issue of additional bonds.

The association also went on record as advising all communities to cease the issuance of bonds until those now outstanding have been taken up.

It also favors a gasoline tax of 2 cents a gallon but voted down a gross production tax on mineral products. The organization would distribute money raised by the gasoline tax on the same basis as the state automobile license fund is now distributed.

Want Industrial Court Abolished

Trucks and motor vehicles used for commercial purposes should come under state regulation, the resolutions point out. The convention also declared that college fraternity and sorority properties should pay their portion of taxes.

Abolition of unnecessary boards and commissions, including the state court of industrial relations, is desired by the organization. The secretary of the state organization was empowered to name a committee of five tax organization members in every county to check up county expenditures.

The organization left with its executive committee the advisability of issuing a monthly magazine to be devoted to tax matters.

Favor County System

The convention went on record in favor of the county road system as against the state system now in use. It recommended that real estate mortgages be taxed while the mortgaged real estate be exempted from taxation to the amount of the mortgage.

The resolutions committee was composed of the following: Representative Frank C. Field, Pretty Prairie, chairman; J. P. Fengel, Lost Springs, secretary; Mrs. J. M. McSpadden, Kansas City, Kan.; D. S. Disbrow, Cuba; J. G. Joseph, Whitewater; Albert Weaver, Bird City; H. V. Wittes, Chanute; Patrick Hayes, Atchison.

Among those who made addresses before the Kansas State Taxpayers' Association were, Prof. Eric Englund of the Kansas State Agricultural College, Governor Jonathan Davis, Rodney Elward of Hutchinson; E. J. Heckle, secretary of the Kansas Good Roads' Association; Noah Bowman, member of the Kansas State Tax Commission; and Senator Carr W. Taylor of Reno county. Our limited space, however, will not permit us to reproduce their addresses in full.

Governor Davis in his address urged a return to the old relation between, taxes and the production of the state, the "tithing system."

The governor cited the value of the agricultural crops in Kansas in the

past to show that the taxes collected in the state formerly, had equaled one-tenth of the value of the products. But this relation has been destroyed and the taxes now exceed more than one-tenth of the value of all crops, he pointed out.

Professor Englund outlined a program of tax reform which would make it possible to eliminate direct state taxes on property. This he said could be done by finding new sources of revenue that would yield enough to finance the state government and state institutions, and thus reduce property taxes by nearly 12 per cent. This program would also solve the problem of equalization of assessment as between counties.

Englund Advocates Gas Tax

He urged the adoption of a gasoline tax for road purposes, which at 2 cents a gallon would yield more than 3 million dollars annually in Kansas. Other recommendations he makes include:

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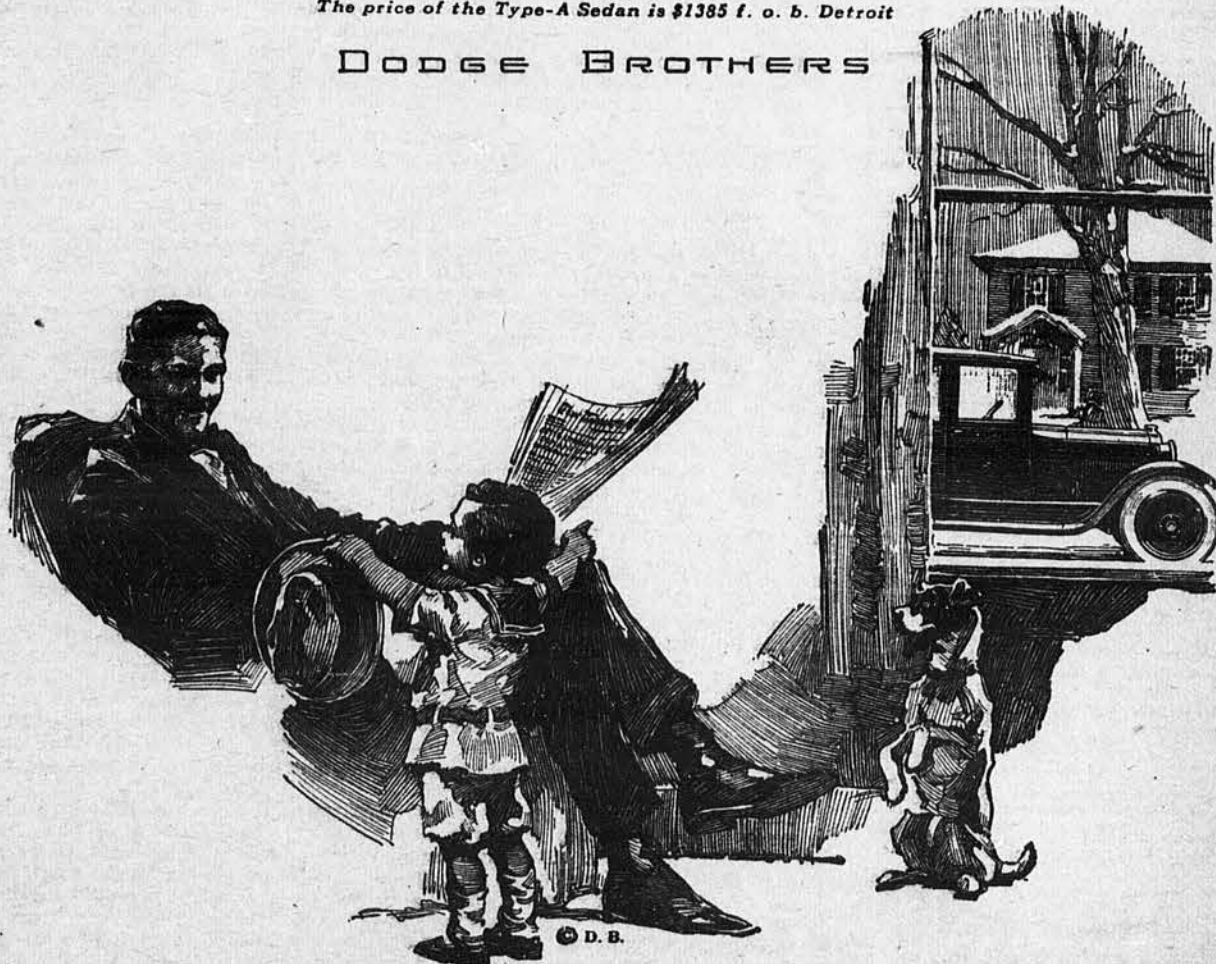
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An excise tax on certain classes of non-essentials or luxuries. Classification of intangible property. Special emphasis was laid on the personal income tax as a measure that would be distinctly beneficial to farmers and others who now pay large property taxes.

Noah Bowman, member of the Kansas State Tax Commission, who disagreed with most of the speakers of the convention said:

"Do not follow after these changes and tax reforms. We have the best general taxing system in Kansas that we have in the United States, notwithstanding the discredit that is put upon it."

Bowman was followed by Senator Carr W. Taylor of Reno county who informed the convention that the tax commissioner was not familiar with the tax history of Kansas and said:

"We have a tax system that must be corrected. If we don't have the intelligence to do it, we shall be the laughing stock of the rest of the country. It is a reflection upon the intelligence of Kansas that we maintain such a pernicious system."

Senator Taylor spoke in favor of the abolition of tax exempt securities and the enactment of a production tax upon oil and mineral products.

New System is Demanded

There is a crying demand in this state for a new taxing system," Senator Taylor said. "The legislature recognized this fact and submitted the tax amendment to the people for their consideration at the general election in November."

"The general property tax prevails in Kansas at this time. It is levied alike on tangible and intangible property with the result that practically nine-tenths of all property in the state, amounting to 1,500 million dollars escapes taxation completely."

"A study of the workings of the millage tax in the states that have it invariably shows a large increase in the revenues from such property and a consequent decrease of the tax upon

tangible property, such as farms and city property and personal tangible property, such as merchandise, grain forage crops and livestock."

K. S. A. C. to Have Radio Courses

Radio courses in agriculture to be broadcasted from coast to coast by the Kansas State Agricultural College was announced recently by Prof. H. Umberger, director of extension service in Kansas.

The first college in the air will open February 11 immediately after farm and home week, during which program the principal events will be broadcasted at 286 meters. Radio fans all over the United States are asked to apply for enrollment in one or all of the courses on the extension radio curriculum which will cover the most important agricultural subjects. School will start at 7 p. m. each week night and will last 1 hour. Timely subjects primarily of interest to farmers will be discussed briefly each evening by college professors.

The extension radio curriculum as announced for the first radio semester, starting February 11, will consist of five courses, Monday, poultry husbandry; Tuesday, dairy and livestock husbandry; Wednesday, crops, truck and soils; Thursday, agricultural economics and farm engineering; Friday, home economics.

An intense campaign for increasing the number of radio sets in Kansas will be launched immediately by the director of extension. Boys' and girls' radio clubs will be organized and county agents instructed to demonstrate the construction of sets and to encourage their use on Kansas farms. Enrollment blanks for radio students who desire a certificate of graduation from the first agricultural radio course will be supplied by the extension division of the Kansas State Agricultural College, Manhattan, Kan.

An inquirer who writes a feminine hand wishes to know why some men marry for a home and then stay away from it.

Some Tax Figures in Kansas

BY HAROLD CHASE

THE virtual ignoring of taxation as a vital interest in Kansas by the State Taxpayers' Organization in its state convention and the emphasis placed by this organization on retrenchment in running the state, in road improvement and general improvements, shows that it is out of line with the sentiment of farmers. We have had this winter conventions of the Kansas State Board of Agriculture, of several state farm organizations and of the Kansas State Council of the farmers. The farmers in their conventions came out strong for tax revision and their platform is liberal toward road improvements. The platforms of the farm organizations on tax revision declared for tax reforms that the Kansas Taxpayers' Organization voted down.

Kansas can use both organizations, tho they are proceeding on different lines. Economies are desirable where they do not hamper the development of the state. But tax revision offers a re-adjustment of the tax burdens and a more equitable tax system.

The statement of State Tax Commissioner Bowman that Kansas has "the best tax system in the country" is contrary to the opinion of former state tax commissioners. The defense of the general property tax as it is administered overlooks fundamental faults of the system. The political science department of the Kansas State Agricultural College has given the state some data on the workings of the general property tax that state tax commissions might well have gone into, as it is in immediate line with their work for the state. The college tax experts made an investigation of land sales over the state in typical localities covering a total of sales of 387,925 acres, of an aggregate selling price of 26 1/4 million dollars, comparing the actual selling price with the assessment of the land. This survey showed a remarkable uniformity in assessment in different localities, proving that the Kansas State Tax Commission has done a good job in equalizations among counties.

But on the other hand the survey showed a remarkable difference in the assessment of the small land owner and the large land owner. Some years ago a tax investigation in Wisconsin brought out in that state the fact disclosed by this survey in Kansas; namely, that the general property tax is unjust to the man of small property and discriminates against the wealthy individual, over and above any question of concealment of property or tax dodging.

A more intensive survey made by the Kansas State Agricultural College political science department in four counties, Shawnee, Reno, Jewell and Cowley, typical of different sections of the state, brought out the inequality in land taxation very clearly.

This survey shows that in these four counties in the case of land sales under \$3,000 value the assessed valuation of the land was 83.4 per cent of the actual selling price; in sales less than \$5,000 and more than \$3,000 the land was assessed at 77.2 per cent of its selling value; land sales of from \$9,000 to \$11,000 value showed average assessment of 67.1 per cent of selling value; from \$13,000 to \$15,000 the assessment of the land sold was 66.5 per cent of selling price, and for land more than \$15,000 in value the assessment was but 59.4 per cent of the selling price.

This shows that the land assessment operates to tax the small land owner at a much higher rate than the large land owner. It is a showing of facts, with no theories whatever. This system operates on the rule of inability to pay rather than that of ability to pay and is a discouragement to the small land owner and the thrifty tenant desiring to become a small owner. So far as it goes it directly promotes an exodus from the farm.

Discrimination among land owners against the small farmer and in favor of the wealthy man is not the principal defect of the general property tax, which is rather that land bears an altogether excessive share of the burdens of taxation. The state income tax, production tax, Taylor millage tax and the gasoline tax for roads bear down on ability to pay and if adopted will go a long way to correct the discriminations now practiced in taxation.

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What You Pay for Machinery

Costs More to do Without a Needed Implement Than to Purchase and Use It

BY FRANK A. MECKEL

THERE has been a great deal of cussing and discussing of farm machinery prices during the last few years on the part of folks who buy these articles of agricultural necessity.

There has been talk of buyers' strikes, and there has been a cessation of buying on the part of the farming public in many quarters. Some of this has been in the form of a refusal to buy, but a great deal of it has been due to an inability to buy. The money has not been forthcoming, and that's all there is to it. There have been some foolish and extravagant statements as to the tremendous profits which machinery manufacturers have been making. Clearly, these statements have been made by people who know not whereof they speak. We quote a few actual facts to bear out this contention.

Manufacturers Make Less Now

The income of the farm equipment manufacturers was 53 per cent less in 1922 than it was in 1920. With this depletion in income, the necessary profit for successful operation of business was converted into a loss in the case of nearly every manufacturer.

We have condemned the implement manufacturer for several years and have accused him falsely. Meanwhile, he has been attempting to carry on to the best of his ability. He has reduced his prices as far as possible. With a normal consumption of farm equipment, the present prices might enable the manufacturers to operate at a small profit, but with the curtailed demand, resulting in only partial production at the factories, with practically the same overhead charges as if the factories were running full blast, the profits have dwindled down to nothing, and as we stated above, they have changed to losses in many instances.

Hike in Raw Materials

Along with this has come a hike in the price of raw materials. Some grades of lumber used in farm implements have jumped 200 per cent in price. Steel bars which cost \$23 a ton in 1914 now cost more than \$50, and they have jumped \$2 a ton since May, 1923. Soft centered steel for plows has jumped from \$82 to \$166.80 a ton. Pig iron has mounted from \$14 to \$25. Canvas for binders has jumped from 37 cents a yard to 80 cents, and the most serious thing is that labor, which comprises 80 per cent of the cost of any manufactured article, has jumped 117 per cent above 1914 levels. These items have, of course, increased manufacturing cost, but the cost has been still further advanced by the reduced volume of business being done due to the cessation of buying.

Notwithstanding these increased costs, the manufacturers of farm equipment have the distinction of being closer in line with reasonable prices as compared to pre-war conditions, than manufacturers in any other line, unless it may be automobiles which at present are at remarkably low levels, due mostly to the tremendous market for motor cars and the possibilities of getting into large scale production.

Tractors are lower today than they ever have been, and while we might actually expect implement prices to be about 100 per cent higher than pre-war levels, as a matter of fact, machinery prices are in many instances less than 50 per cent higher now than they were then. And this despite conditions. That's why manufacturers are closing their doors, selling out, or taking tremendous losses every year, hoping to weather the storm until better times.

Machines Save Much Labor

The average farm implement is selling for 10 or 12 cents a pound while other commodities like churns, stoves, bicycles and automobiles range in price from 20 cents to \$1.25 a pound.

A fair way to measure the value of a machine is to consider what it will save the purchaser. For instance, no one questions the amount of labor saved by a sulky, plow or a grain

binder. What will they save now as compared with what they saved in 1914? A hay loader for example, based on Department of Agriculture figures, costs about \$6.80 a year in interest, depreciation and upkeep. Based on the number of days a year it is used, it is found to cost about 57 cents a day. At 1914 prices this same loader cost about 43 cents a day. In other words, it costs a farmer 14 cents a day more now than it did in 1914, but when we stop to consider what we must pay the two men in the field today who are replaced by the hay loader, we find that the additional 14 cents a day spent for the loader at the present time means a saving of several dollars a day in labor more than it meant in 1914. And practically the same thing can be shown right down along the line with all farm implements. The labor which these machines replace has jumped way up in

price while the price of the machine has soared but very little. As a matter of fact, good machinery is many times more essential economically today than it was in 1914. None of us like to spend money, but when we can save several dollars by spending a few cents, it ceases to be spending merely. It then becomes an economical investment.

You pay for good machinery whether you use it or not or whether you buy it or not. The question is, can you afford to continue to pay for a thing that you don't use, or is it time to step out and get the good of the thing you are paying for? And you are surely paying. Either you are buying the machine you need, or you are paying thru the nose for not buying it, in increased labor costs or reduced crops.

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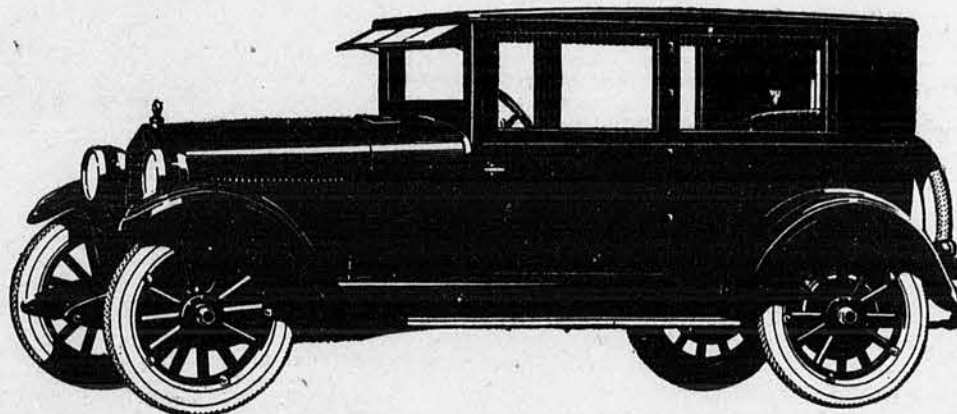
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Farm Organization Notes

Kansas Beekeepers Will Hold Meeting in Topeka at Y. M. C. A. Building, February 4-5

BY JOHN W. WILKINSON

THE 23d annual meeting of the Kansas State Beekeepers' Association will be held in the auditorium of the Y. M. C. A. building at the corner of Ninth and Quincy streets in Topeka, February 4 to February 5. President O. A. Keene and Secretary O. F. Whitney have arranged an instructive program for the occasion and urge farmers, business men and the public in general to attend all sessions of the association which are open to everybody.

The opening session will be at 7:30 p. m., February 4, and addresses will be given by Frank Hill of Sabetha on "Operating for Comb Honey," and by C. C. Wilson of Manhattan on "The Use of Honey in Radiators." At the close of Mr. Wilson's address there will be a round table discussion of subjects of interest to beekeepers.

The second day's sessions will begin at 9 a. m. and the program will include the following speakers and addresses:

"Keeping Bees as a Business," A. V. Small, Augusta, Kan.; "Manipulating Bees Without Receiving Stings," J. F. Diemer, Liberty, Mo.; "Fermentation and Granulation of Honey," J. A. Munro, Manhattan, Kan.; "Apiary Inspection in Missouri," G. J. Linn, state apiarist, Chillicothe, Mo.; "Wintering Bees," E. F. Phillips, apiculturist, Washington, D. C.; "Why We Should Keep Bees," A. W. Gale, president Missouri Beekeepers' Association, Chillicothe, Mo.

A honey banquet will be served at noon at the Y. M. C. A., February 5 and the business meeting will follow, at which will be held the annual election of officers. Tuesday evening, February 5, at 7:30, A. W. Gale will give an illustrated lecture on the "Anatomy of the Bee," which will close the work of the meeting. Kansas beekeepers are especially fortunate in getting both Mr. Gale and Dr. E. F. Phillips to appear on the program for this year. Dr. J. H. Merrill of the Kansas State Agricultural College, who is state apiarist for Kansas, also will be present and will make an address of unusual interest.

National Marketing Conference

The National Marketing Conference of the National Council of Farmers' Co-operative Marketing Associations will meet in Washington, D. C., February 7 to February 9. All farmers' co-operative marketing organizations, whether members of the National Council or not, are invited to attend and participate in the meeting.

Among those who will take part in the program are Governor Frank O. Lowden, chairman of the National Wheat Advisory Committee; C. O. Moser, secretary of the American Cotton Growers' Exchange; J. C. Stone, president of the Burley Tobacco Growers' Association; Secretary Henry C. Wallace; Aaron Sapiro of New York City; and many others.

Kansas Horse Breeders' Meeting

The annual meeting of the Kansas Horse Breeders' Association will be held at the Kansas State Agricultural College, Friday, February 8, 1924. All horse breeders, stallion owners and

horse raisers are urged to attend the meeting.

February 4 to 9 is Farm and Home Week at the college and during this week a number of state livestock associations and other organizations will hold their annual meetings.

An excellent program has been arranged for the Kansas Horse Breeders' meeting. Several nationally known horse men will deliver addresses, and as these men are in close touch with the horse industry, the information they bring to this meeting will be well worth while.

Among the speakers who will take part in the program will be Wayne Dinsmore, secretary of the Horse Association of America, Chicago, Ill.; Dr. C. W. McCampbell, Prof. D. L. Mackintosh and J. C. Barber of Manhattan, Kan.; and Sam Bell of Wooster, Ohio.

Kansas Threshermen Elect Officers

The annual business meeting of the Kansas Brotherhood of Threshermen was held recently in Topeka and the following officers were elected for the current year: President, J. T. King of Lebo; vice-president, V. A. Pearson of White City; secretary-treasurer, Tim Payne of Topeka.

Secretary Payne announces that arrangements have been made to hold a grand rally of threshermen in Wichita, Kan., February 26 to February 29 at the Eaton Hotel and a large attendance of the brotherhood is expected at that time.

Farmers' Union Makes Returns

The Farmers' Union Co-operative Wheat Marketing Association, operating in Kansas, has settled with its members for the last quarter on the basis of 100.3 cents or a little over \$1 a bushel for what is called class A wheat. This is the same as No. 2 ordinary hard wheat.

Out of the foregoing amount must be deducted the average charges, including freight and railroad charges, 11½ cents, an average country elevator charge of 4 cents, an association charge of 2 cents, and a marketing expense of 4.17 cents. Deducting from the marketing expense of 4.17 cents, the 2 cents mixing profit, leaves a total marketing expense of 2.17 cents a bushel, the association charge of 2 cents being held as a reserve. The average net return to the grower on these figures is 80.63 cents for ordinary No. 2 wheat.

The association has approximately 1,000 members and handles about 800,000 bushels of wheat a year.

Shorthorn Breeders to Meet

At a meeting of the executives of the Butler County Shorthorn Breeders' Association, held at El Dorado, Kan., recently it was decided to hold a big membership gathering of the organization February 19. Plans will be made at that time for the second annual sale of the association, which will be held about the middle of April.

The first signatures on contracts in the campaign of the Kansas Co-operative Wheat Marketing Association to pool 44 million bushels of the 1924 crop, were obtained in an intensive



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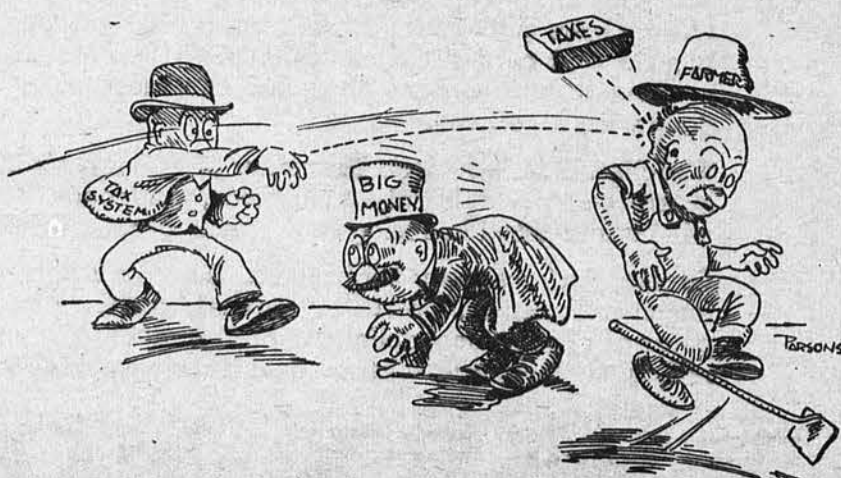
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And the Innocent Bystander Stops the Brick

drive conducted at 25 farmer meetings in Stafford county, B. E. Corporan, secretary-treasurer of the organization, announces.

The meetings marked the real opening of the campaign, and will be followed by drives in all Kansas wheat centers to contract for the pool quota before next May 24, Mr. Corporan says. The state has been divided into districts with a director to conduct the campaign in each section.

Big Tobacco Co-operative Business

Eight producer-owned-and-controlled associations marketed nearly 600 million pounds of tobacco of the 1922 crop, the United States Department of Agriculture reports. Total membership of the eight associations is 259,840. The quantity marketed by the co-operatives was nearly one-half the total crop produced.

The larger of the tobacco organizations are the Burley Tobacco Growers' Co-operative Association of Lexington, Ky., with 90,607 members, which marketed 197 million pounds of tobacco last year; The Tobacco Growers' Co-operative Association of Raleigh, N. C., comprising 90,226 members, which marketed 163 million pounds, and the Dark Tobacco Growers' Co-operative Association at Hopkinsville, Ky., having 64,000 members, which marketed 175 million pounds of tobacco. Other associations are at Madison, Wis.; Hartford, Conn.; Baltimore, Md.; Baldwinville, La.; and Convent, La.

Organize Poultry Club

The Salina Chamber of Commerce has undertaken the job of organizing the Salina County Boys' and Girls Poultry Club that it may be a permanent organization and make annual displays at the poultry shows each winter.

The names of the interested young people between 12 and 16 years old are being gathered now and they will be given a free setting of eggs to be free with the exception that the poorest chick of the brood raised is to be sold, the money to go to a revolving fund to pay for more eggs the following year.

Salina Poultry Show

The Golden Belt Poultry and Pet Stock show opened in Memorial Hall in Salina last week with more than 1,000 birds on display. There were birds from other states as well as many parts of Kansas.

The longest trip was made by a pen of Plymouth Rocks from the yards of Ward Ausler, Tulsa, Okla. F. H. Ramsey, Topeka, exhibited 30 White Leghorns and J. C. Baughman, Topeka, showed 14 Buff Orpingtons.

Curtis Cattle Bill Passed

The Senate recently passed a bill reimbursing cattle raisers for losses sustained in Government quarantine on Texas fever. The bill carries \$250,000 and was introduced by Senator Curtis. A similar bill passed the Senate last season, but failed to be reached in the House. The cattle growers concerned in the bill largely are from Marion, Lyon, Chase, Greenwood and Butler counties.

Texas Cotton Pool Saves Millions

John T. Orr, executive committee-man of the American Farm Bureau Federation and president of the Texas Farm Bureau Cotton Marketing Association, states that the Texas pool of cotton last year was operated at a saving of 2½ million dollars to its members.

Luray Wheat Growers Organize

Recently the board of directors of the Luray Local of the Kansas Wheat Growers' Association met and elected the following officers: President, L. C. Taylor, secretary, Forest Applegate.

Pomona Grange Celebrates

The Shawnee County Pomona Grange and the Berryton Grange held their fifth annual joint celebration of the enactment of the 18th amendment recently at Berryton. Seven subordinate Granges were represented.

James Troutman delivered the principal address. Miss Doris York, of the Berryton Grange, gave several readings. The Berryton high school girls sang two numbers.

The Pomona Grange also made arrangements for its carload of twine which it will obtain for its members in a few weeks. One member from

each Grange was appointed to act as twine agent and receive orders.

The next meeting of the Pomona Grange will be held at the Y. W. C. A. February 16. Several resolutions adopted by the Kansas State Board of Agriculture and the Kansas Agricultural Council will be discussed.

Farmer Organizations Doing Well

More than 2 billion dollars of business was done by farmer business organizations in 1923, according to estimates made by the United States Department of Agriculture. The estimates are based upon reports from 6,639 organizations which did a total business of 1,200 million dollars. Reports have been received from 8,313 associations and additional reports are yet to come in from approximately 2,000 organizations.

Of the 8,313 organizations reporting, approximately 90 per cent were primarily engaged in selling farm products, and about 10 per cent in the collective purchasing of farm supplies. Grain marketing organizations comprised more than 30 per cent of the associations; dairy products 22 per cent; livestock 14 per cent, and fruits and vegetables 11 per cent.

Two thousand six hundred grain organizations did a total business estimated at 490 million dollars; 1,841 dairy products organizations a total business of 300 million dollars; 1,182 livestock shipping associations a business of 220 million dollars, and 956

fruit and vegetable associations a total business of 280 million dollars. Seventy-eight cotton co-operatives did 100 million dollars, and 14 tobacco organizations 132 million dollars.

Three Weeks Farm Course

Dr. W. M. Jardine announces that there will be a practical course for farmers given in farm business problems at the Kansas State Agricultural College from February 11 to February 29, 1924.

This course will comprise daily lectures for three weeks on the following subjects: Farm accounts, farm marketing, farm management, farm taxation and land problems, farm life, and farm credit.

Poultry Show at Burlington

The Coffey County Poultry Association held its second annual poultry show at Burlington, Kan., recently. Entries included chickens, geese, ducks, poultry and eggs.

Minnesota Potato Growers Organize

The Minnesota Potato Growers' Association is winning out in its big fight and more than 7,000 growers in 12 counties have joined the association and have signed contracts. From December 3 to December 31 just 2,138 members and 31,635 acres were added to the official records of the organization. The total area signed up now represents about 100,000 acres.



First Add Up the Advantages of the OILPULL



IN selecting a tractor, large or small, there is a right and a wrong way to proceed. The right way is to BE SURE that it has the features you need. You want power enough for your work. You want a tractor that is as "steady as a steamer" on the belt. You want a tractor that will not overheat in hot weather or freeze up in winter. You want a tractor

that will work best on cheap fuels. You want a tractor that will last many years. And the time to know is before you buy.

The Rumely Oil Pull is a "Year-round man-of-all-work." Due to many revolutionary engineering improvements, proved on thousands of farms during fourteen years of service, it offers you five big advantages. These are:

1—Ten-year drawbar service—Plenty of power for field work—more than the rating indicates.

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The Little Folks' Puzzle Page



Here is a riddle you can ask some time when you are playing riddles. You can find the answer by using the alphabet scheme of letting a number equal a letter.

In Our Letter Box

I have a white horse called Bird. She is 12 years old. She is cream colored in summer and she has big, round, soft, dark eyes. We are very good chums. Mary Gunderson. Collbran, Colo.

About My Pets' Names

I am 11 years old and in the fifth grade. I have a sister named Lavon. For pets I have two dogs named Nigger and Trixie, a cat named Pretty and a hen named Eloise. I also have a turkey and some pigeons. I like the young folks' page. Lorraine Battrell. Anthony, Kan.

From a Thrifty Little Girl

I am 11 years old and in the seventh grade. I am president of the Junior Christian Endeavor and secretary of the Junior Embroidery Club. I have eight pet cats, three pigeons and five tiny ones. I live in town a block from school. I earn 75 cents a week helping at home and put 50

cents in the bank every week.

Dorothy Crans.

Lenora, Kan.

Such a Lot of Pets!

I live on an 80-acre farm at Assaria. For pets I have a dog named Sport, a cat named Snowball, a White Leghorn named Redcomb, a Plymouth Rock named Fatlegs and a pig named Sadie. Henrietta Pearson. Assaria, Kan.

Baby Sister is My Pet

I am 10 years old and in the sixth grade. My pet is my baby sister. Her name is Royalyn Rosalie. She is 6 months old. We live on a farm near Deerfield. I like it here. Dorothy Dale. Deerfield, Kan.

Deerfield, Kan.

Even pancakes have to await their turn.

Your Dad'll Say It Pays

To go straight and to be clean and true.

A Knotty Problem

First Class Scout: This rope is too short at one end.

Brilliant Tenderfoot: Well, why not cut a piece off the other end and tie it on?

What's the Reason?

Everybody calls them toad stools—

I wonder why! For they make better umbrellas To keep you dry!



A "Cake" Guessing Game

A "cake" guessing game would be fun to play at a party. Ask the questions given here and make everybody answer each one with the name of a cake. You might give a wee cake as a prize to the person who answered best. See how many questions you can answer correctly, yourself, without consulting the answers below.

What kind of a cake should a jeweler eat? What kind for a politician? What kind for a man who imposes upon his friends? What kind for a lover?

What kind for a gardener? What kind for a glove-maker? What kind for a pugilist? What kind for a geologist? What cake for his satanic majesty? What for the "Heavenly Twins"? What cake adds variety to life? What would one have if one ate all these cakes?

(Answers: Gold and silver cake; election cake; sponge cake; kisses; fruit cake; lady fingers; pound cake; layer cake; devil's food; angel food; spice cake; stomach-ache.)

An Ant Hill Contest



An ant hill contest would make a jolly game for your next party. You can use shot, beans or peas for this contest. The object of the game is to see who can put the greatest number of shot into a small necked bottle in a given time. Of course, you must ask father to lend you his watch so you can time everyone who enters the contest. There should be a prize—a gingerbread cookie or a stick of peppermint candy would be just the thing.

Little Peter's Parley

Aw! That old wood to bring in again! I have to bring it in all the time. I wish wood had legs like a dog so's it could walk in its own self and climb into the box. I wish somebody'd invent a lectricity machine that'd bring in wood. Uh—huh—I'm comin' pretty soon! Say, Ma, I've got a 'nawful lame back. I can't bring any more wood today. Why! My back's awful bad. I guess I've got newmonia in it.

Can't Bridget bring in that wood? Aw! She's allus busy or gone off somewhere. Yes! I'm comin'.

Oh, Ma, can't I have a couple of cookies 'fore I bring in the wood? I'm so hungry I can't hardly stand up. Oh, you allus want me to wait! Why, that was an awful long time ago that I had that bread and butter. Oh, Ma, I don't want to bring in wood—it makes me cough so. I just bet you want me to bring in wood and cough and get consumption and die—an' then who'd bring in your wood!

Say, Ma, Henry Grover's mother

gives him a penny every time he fills the wood box. Will you give me a penny? Oh, you have too got some! I saw 'em in your pocket book. Well, if I'll bring in the wood then can I go over to Johnny Wilson's and play Indian? Oh, you never want me to go anywhere. You're just as mean to me as you can be. Henry Grover's mother is awful good to him—Uh, huh—I'm comin'.

Say, Ma, can't I work my 'rithmetic first? Teacher says if I don't work my 'rithmetic better I won't pass. Oh, yes, you think I can do everything to please you and you won't do anything to please me. Say, Ma, I ain't going to bring in any more wood—I've struck! I ain't going to bring in any more wood until you pay me! I don't care if you do tell Pa! No, sir, I ain't comin' to bring that wood! I've str— What's that? Pa! Pa's comin'?

Uh, huh, I'm comin', Ma. I was just foolin' when I said I wasn't going to bring in the wood!

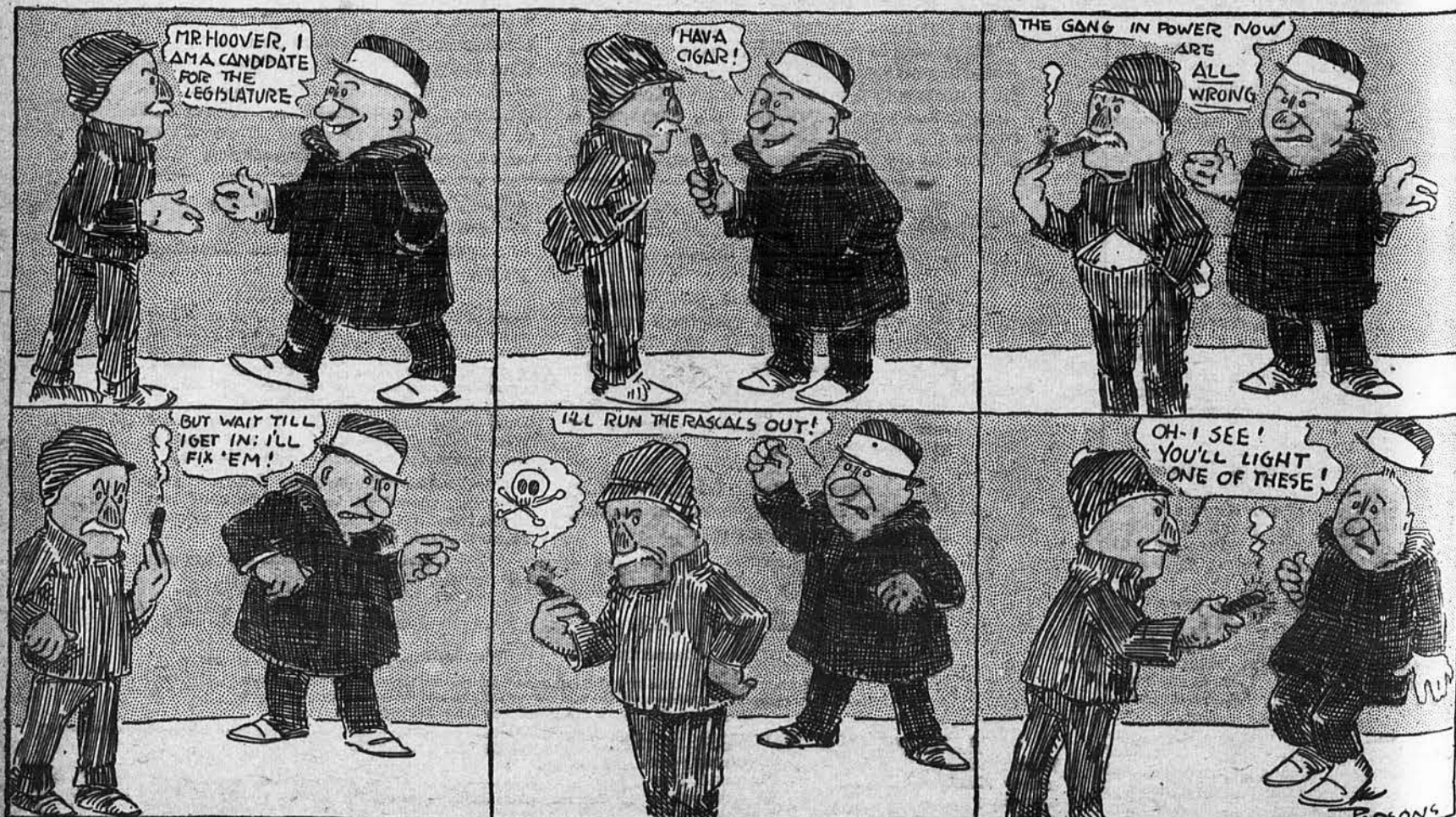
Salida, Colo.

Mary Cool.



If you can solve the above puzzle send your answer to the Puzzle Editor, Kansas Farmer, Topeka, Kan. A package of postcards each for the first 10 boys or girls answering correctly.

The winners of the "Where are They From?" puzzle of January 5 are Ethelda Ferguson, Jerel Green, Thelma Pantier, Herman Hugg and Mary Krestine. The winners of the "How Can He Get Out?" puzzle of January 19 are Letha Kavor, Max Jester, Lucille Flinn, Delbert Kraus and Margaret Brown. They win postcards.



The Hoovers—A Politician May be Known By His Cigars and Line of Bunc

What's New in Livestock

Big Crowds Attended the National Western Stock Show Held at Denver, January 19-26

BY J. T. HUNTER AND J. W. JOHNSON

THE 18th annual National Western Stock Show held in Denver, Colo., from January 19 to January 26 was attended by big crowds and there were many fine exhibits shown. According to H. L. Youngerman, general manager, it was the best show considered from every angle that has ever been held in Denver. Mr. Youngerman states that the daily average attendance was 15,000, which was 25 per cent more than the average for last year's record, and he estimates that there was an increase of at least 50 per cent of Colorado farmers who visited the show.

A few exhibits were delayed in reaching Denver on account of the blocked condition of several of the roads during the week previous to the dates set for the show, but despite this fact every exhibit was in place for the opening.

Many Carloads of Exhibits

For the 1924 competition there were entered 48 carload lots of registered breeding bulls; 17 carloads of breeding heifers; and several carloads of feeder cattle. In addition to the many livestock exhibits there was a fine display of boys' and girls' club work that surpassed all previous records. Another interesting feature was the poultry show in which there was an unusually large competition.

The management, as well as the Denver patrons of the show, and the visitors from out of town were highly gratified with the ideal weather that prevailed throughout the week. The big "National" is a well balanced institution. Visitors commented on the improved quality of livestock over previous years, and many exhibitors of high quality herds stated that competition was the keenest that they ever had experienced.

Twenty-four breeders exhibited 187 breeding Shorthorns. Harry Hopley, Atlantic, Ia., judged. Grandchampionship for cow was won by Frank McDermand, Kansas City, Mo., on Supremacy.

Thirty Breeders Exhibit Herefords

Thirty breeders exhibited 197 breeding Herefords; George Hendry, Hickman Mills, Mo., judged. Grandchampionship for bull was won by Ken-Caryl Ranch, Littleton, Colo., on Anxiety 4th, Jr. Grandchampionship for cow, by Ken-Caryl Ranch on Lady Domino 8th.

Twelve breeders exhibited 67 Angus cattle. W. J. Kennedy of Sioux City, Ia., judged.

Fourteen breeders exhibited 105 Holsteins. R. E. Haeger of Algonquin, Ill., judged. Grandchampionship for bull was won by Arkansas Valley Sugar Beet and Irrigation Land Company,

Holly, Colo., on Avoca Lodge King Johanna. Grandchampionship for cow was won by the M. W. A. Sanitorium, Woodman, Colo., on Zwingara Segis Clothilde.

Seven breeders exhibited 67 milking Shorthorns. John Rowe, Davis, Calif., judged. Grandchampionship for bull was won by Pine Valley Company, Colorado Springs, Colo., on Master Sam. Grandchampionship for cow was won by Bonvue Farms, Denver, Colo., on Independence Lady.

Many Fine Hogs Shown

Fourteen breeders exhibited 114 Poland China hogs. L. A. Weaver, Columbia, Mo., judged. Grandchampionship for boar was won by Deming Ranch, Oswego, Kan., on Latchnite. Grandchampionship for sow was won by Deming Ranch on Winning Maid.

Twenty breeders exhibited 147 Durocs. L. A. Weaver judged.

A nice lot of Hampshires were exhibited. Twenty-eight carloads of fat hogs were shown and sold at an average of 13 cents, the grandchampion load selling at 25 cents. The grandchampion barrow sold at 35 cents. Twenty loads of fat cattle sold at good prices. Dan Casement, Manhattan, Kan., had a carload of grandchampion fat heifers that sold at 17 cents. Grandchampion steer consigned by W. N. Blayney, Denver, Colo., sold at 31 cents.

In the public sales of purebred cattle held in connection with the show, 50 Herefords averaged about \$360 a head and 37 Shorthorns about \$135 a head.

Beef Quality in Dairy Shorthorns

American breeders will recall that the Earl of Bessborough's Dairy Shorthorns, that have made excellent milk records and have provided American breeders with some of the best milking Shorthorns that have come across the water, have carried at all times considerable substance and a considerable amount of Scotch blood. It has been necessary for an Irish Dairy Shorthorn herd, in order to sell its bulls, to put out animals that will retain the substance of the herd as well as give it milking qualities.

Cattle in the Irish market places sired by milking Shorthorn bulls carry full as much flesh as those sired by beef Shorthorn bulls, and where traced to English grazers, do as well. And, of course, a Dairy Shorthorn bull won the supreme championship at the Irish Royal Show at Dublin this year. The Bessborough-bred bull, Bessboro Polonus, also won the championship in the Dairy Shorthorn classes at the Royal at Newcastle this year.

Health in the Family

Medicine Gives Best Results When Taken by the Advice of the Home Physician

BY DR. CHARLES H. LERRIGO

MOST persons are very credulous about cures for the ailments of the body. They believe almost every claim that is made in print, even if the printed matter is admittedly an advertisement inserted for the purpose of getting dollars from their pockets. And they believe anything that any neighbor reports. If the neighbor declares "such and such a thing cured me," they are eager to try it regardless of the fact that they have both a different trouble and a different personality. Such innocent, unthinking faith is pathetic, doubly so because it often grows from a great need.

Recently a letter came to me from a woman reader in which she asks three things. She desires something to rub on a cancerous growth which her husband suffers—something that she can use at home. She would like some medicine to put in her ears to cure catarrhal deafness. And she quotes an old advertisement of several years back and asks if I feel pretty

sure the remedy described will cure her kidney trouble. You may judge the kind of answer I was obliged to write and how sorry I was to write it.

Yes, I was sorry for the woman's delusions. Yet how many of you are cherishing like delusions on a slightly different scale. You go along neglecting your physical welfare until calamity is upon you and then ask for some "home treatment." Please let me say once more that it was never the intention of this department to supersede the family doctor. The best service I can do for you is to tell you how you may keep in health, how you may prevent illness, and urge you to go to the doctor while your ailments are in their first stages and thus save yourself from these incurable things that are beyond any form of treatment.

The first important factor in beautifying the home grounds is to clean up. In some cases this will change the appearance so much that the neighbors won't know the place.

JELL-O

America's most famous dessert



—for sociables

Jell-O makes a most attractive dessert for sociables. It is such a pretty dish to serve, it makes the occasion festive at once. You can prepare Jell-O, even in large quantities, as easily as making a cup of tea. And it is always a saving dish, probably the most economical dessert you can have, either at home or at entertainments. Ask for a Jell-O Recipe Book.

SNOW PUDDING

Dissolve a package of Lemon Jell-O in a pint of boiling water. When cold and still liquid, whip with an egg beater to consistency of whipped cream. Let stand till firm, then pile it into sherbet glasses and serve with custard.

THE GENESEE PURE FOOD COMPANY
LE ROY
NEW YORK



Three ways to use Dennison Sealing Wax

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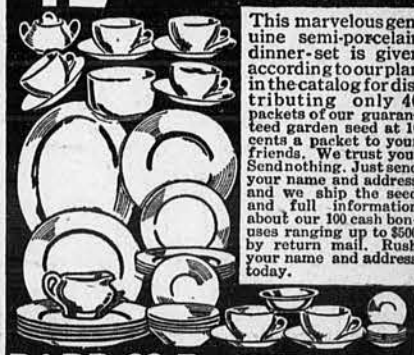
How the feet begin to patter and the hands begin to clap when the teasing harmonies from that magical mouth organ come sweeping over the footlights!

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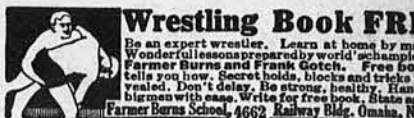
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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

February

Oh, the dear delightful sound
Of the drops that to the ground
From the eaves rejoicing run
In the February sun.
Drip, drip, drip, they slide and slip
From the icicle's bright tip,
Till they melt the sullen snow
On the garden bed below.
"Bless me! What is all this drumming?"
Cries the crocus, "I am coming."
—Cecil Thaxter.

Mats to Give a Color Note

Happy will be the woman who selects for her tables these adorable little table mats of various colored beads. There are many artistic designs woven into them. One pair of mats I saw was in blue and orange and would brighten almost any table or dresser. The black beads with gay colors woven in would fit into any color scheme. They also may be used on the dining table under hot dishes.
Audrey Myers Guild.

If You Like to Serve Salad

Often one is at a loss to know just what kind of a salad to serve to her club when she entertains. It must be one that everyone will enjoy. And there's the question of quantity, when one is used to preparing for only four or five persons. This recipe for Dreamland Salad cannot help but appeal to the most fastidious of appetites. It serves 15 persons.

Dreamland Salad

1 pound shelled wal- 1 large can pine-
nuts apple
1 pound marshmal- 1 large can white
lows cherries

Cut the marshmallows in halves, drain and cut the pineapple into small pieces, drain and seed the cherries. Mix the fruit with the nut meats and serve with Dressing of the Fairies. This salad may be made a day before it is served.

Dressing of the Fairies

1 tablespoon flour ¼ teaspoon salt
1 teaspoon ground 1 egg
mustard 2 cups heavy cream
1 cup milk 1 lemon

Mix the flour, mustard and salt and dissolve in a little of the milk. Add the rest of the milk, stir in the egg and cook until thick in a double boiler. Cool and add the whipped cream and the juice of the lemon.

Other recipes, just as delightful as these, are found in "The Farm Cook and Rule Book," compiled especially for the farm home by Mrs. Nell B. Nichols. It may be obtained from the Macmillan Company, New York City. Price \$2.

Give Your Easter Bulbs Time

About eight weeks should be allowed for bulbs to come into bloom if they are planted in earth. A good soil for them is made up of one part sand and three parts rich earth. Be sure that the pot has been scalded before filling and place pebbles in the bottom for drainage. Place the pot in a dark, warm place for two weeks and then it should be ready to bring out to the sunlight.

If water and sand are to be used—and I like this method much better—take a rather shallow bowl in place of the pot. Place sand and a few pebbles in the bottom and rest the bulbs upon these, close together but not touching, and pile more sand and pebbles so that the bulbs are held firmly erect. The pebbles should almost cover the bulbs. Cover them with water until it shows about the stones and set away in a dark and warm place to germinate.

It usually takes 10 days or more for the tiny white rootlets to begin to show as they twine themselves about the stones. When these show, bring

the bowl out into the light and sun, and in five weeks or perhaps sooner, they will come into bloom. Water must be given freely as it evaporates very fast. Hyacinths, daffodils and paper white narcissus are more likely to give satisfaction for window gardens than tulips, and last longer after coming into bloom.

By planting at an interval of every two weeks, one may keep a pot or bowl of winter bulbs blooming in the window all thru the season. Be careful to get only the best bulbs, that is, the ones which feel firm and hard and are heavy in the hand.

Anna Deming Gray.

Do's and Don'ts in Hattery

It's a difficult proposition, this buying of a hat, when we go into a store and see row upon row of good looking ones. As we try them on in the presence of the eager and enthusiastic saleslady, they all seem to be just the kind of a hat we should have, but we finally decide upon one. Then when we get it home, somehow, it isn't nearly as pretty as we thought it was in the store, or it emphasizes some irregular feature of our profile. And we are dreadfully disappointed, because we'll have to wear it all season long, regardless.

The extension department of one of our state colleges has prepared the following list of do's and don'ts which, if we will consider when we shop for a hat, will insure satisfaction.

Do's:

Always buy a hat that makes you better looking.

Select a color that is good on you.

Choose a shape that brings out your good points.

Consider the clothes on hand in selecting your hat.

Select a hat suited to your mode of life.

Always study millinery in the best shops.

Buy good materials and trimmings.

Always practice to become proficient in choosing and making your hats.

Don'ts:

Don't wear unbecoming hats because they are fashionable.

Don't over-trim.

Don't wear a large hat if you are short.

Don't wear a tight, close hat if you are tall.

Don't wear unbecoming colors because they are fashionable.

A New Handkerchief Material

Have you tried making your sport handkerchiefs out of glass towel linen? The linen comes 18 inches wide, and the best quality costs not more than 40 cents a yard. For eight handkerchiefs, buy a yard of the linen, divide

it straight down the middle and cut each strip into four handkerchiefs. After cutting your strips attach a hem nearly an inch wide of plain linen to match the colors of the bars in the towel.

The blue barred linen looks well with either a plain blue, a green or a blue violet linen hem.

To put the hem on, take a strip of the linen which is long enough to go

around the handkerchief square, and which is 2 or 2½ inches wide. Fold this down the middle, turn the raw edges in, press them down with a warm iron, insert the raw edge of the handkerchief square into this hem, and baste it firmly in place. Finally, thread your machine with colored mercerized thread to match the hem and sew the hem in place.

Joining the two ends of the hem sometimes causes trouble. To handle this simply, baste your hem within 1 inch or ½ inch on both sides of the joining. Then baste your ends together, after measuring them carefully. Press the seam down and try the hem to see that it does not draw the handkerchief. If it does not, turn it out again so the seam can be stitched in by the machine, press it again, and finish basting on the hem. Let this joining come anywhere along the side of the handkerchief.

The glass linen comes in single, double or triple bars of red or blue. The double or triple bars give a little more color to the handkerchief.

Orville Bourassa Rhoades.

Clubbing on Valentine's Day

I want to tell you about the Valentine party our community club had last year. It was held in the Masonic Hall at Effingham and ranks with the very best ever given by the club. And we have enjoyed some very good ones in the five years of the club's existence.

The decorations were very elaborate. An immense heart of red crepe paper pierced with a dart and with an electric light bulb concealed in the center was suspended in the center of the room and running from it to the four corners of the room were double hearts and cupids strung on fine wire. A bouquet of red carnations graced the piano. Across one end of the hall an immense red rose with buds and foliage was twined, and drapes made of red crepe paper with a cut-in heart border were used.

On a table covered with a centerpiece decorated with hearts, cupid attired in a red satin suit was aiming his bow at a sweet little kewpie. Each member of the committee wore a heart for a badge. The music was furnished

JUST whistle a bit if the day
be dark,
And the skies be overcast;
If mute be the voice of the pip-
ing lark
Why—pipe your own small
blast.
—Paul Lawrence Dunbar.

by an orchestra of five pieces. The best singers in the town and community sang appropriate selections. The origin of St. Valentine's day was given, and there were several Valentine readings. Seven women put on a one-act farce, "Those Husbands of Ours." After duly flaying their husbands for their manner of keeping house while they had sent their wives on a vacation, the women settled themselves comfortably and worked in a lot of jokes on the men in the audience.

Brick ice cream centered with a red heart and two kinds of cake were served to 170 guests.

Mrs. C. M. Madden.

Our booklet, "Red Letter Day Parties," will suggest games for your Valentine party, and "Fun Making Games," contains games for every occasion. The games in both these booklets would be sure to break the ice at any party or entertainment. We have four other books in our library—"Today's Etiquette," "Club Day Activities," "Stories by Truthful James," and "Farm and Home Mechanics." The booklets sell for 15 cents apiece or any four for 50 cents. Order from the Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Home Where Comfort Rules

A Spacious, Attractive Lawn Does Its Part in Making the Outside Attractive

BY FLORENCE K. MILLER

SYCAMORE Farm, the home of Mr. and Mrs. H. A. Pennington, is one of the farmsteads to which residents of Reno county point with pride. The spacious lawn with its many big shade trees, invites the visitor to enter the driveway. Then he is impressed with the large front porch extending across two sides of the house. On entering, he finds the house is modern and well equipped—the kind of a house every home maker would be proud to call her workshop.

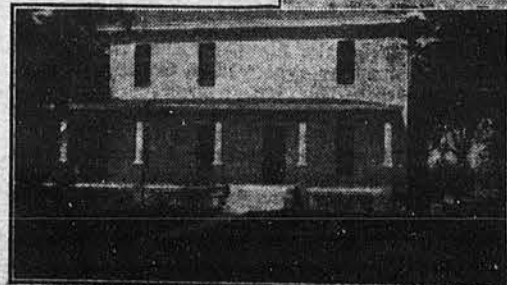
Mrs. Pennington took us to the kitchen first, where we found a sink with cistern water on tap. The bathroom, on the first floor, is equipped with cistern water, also, and a sewage system, making possible an indoor toilet. The screened-in back porch is used as a summer kitchen and the heat of ironing and cooking are nil when accomplished on such a spacious porch surrounded as it is by spreading shade trees. (The top picture in the group below shows just how large the porch is. The picture on the left is a side view of the front porch.)

Electric servants assist Mrs. Pennington in caring for this 12-room house. She washes, irons

and sweeps with power furnished by a wind electric system, installed in the basement of the house. This power plant was put in almost a year ago, and has proved entirely satisfactory. A generator attached to a windmill, which has a 60-foot tower and 12-foot wheel, automatically charges the batteries. The system will take care of lighting the house for a month if the wind did not blow for that length of time, so Mrs. Pennington told us.

The cemented basement provides a good storage place for vegetables and canned food, and shelves and bins have been built for these purposes. The basement also houses the furnace. Upstairs is a cedar closet, and Mrs. Pennington says she would not like to be without this convenience.

It would seem that modern builders are getting away from the big, two-story house in their enthusiasm for

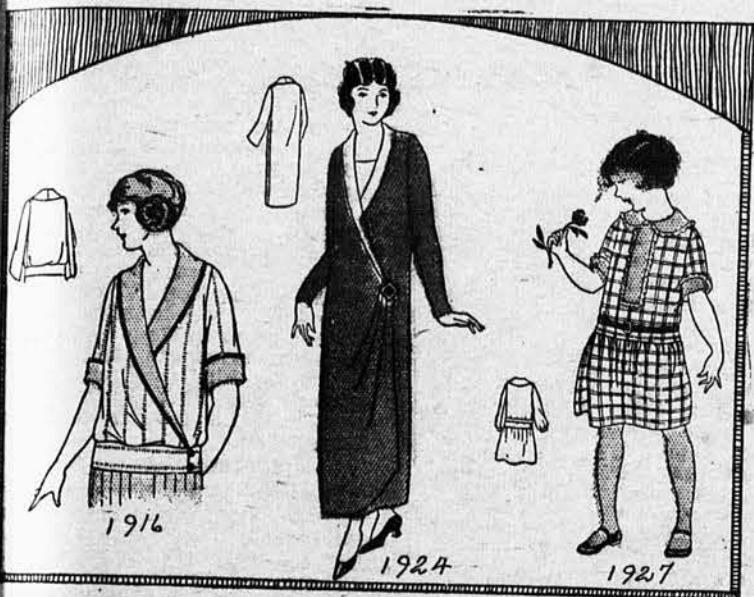


the bungalow home. That these small, compact houses are convenient cannot be denied, but there is something home-like and restful and wholesome about a big, rambling, well cared for house which the modern builder cannot achieve in his small dwelling.

Eight Pleasing Numbers

Between Season Styles But Good for All the Year Around for General Service

BY MRS. HELEN LEE CRAIG



18—New Side Closing Over Blouse. Made to any figure on which it is the popular jacquette blouse, pleasing version of which is illustrated. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

Smart Coat Dress. Just the for wear thruout the spring is this coat style fashioned of with a twill or charmeen. Sizes 36, 38, 40, 42 and 44 inches bust measure.

For the School Miss. Slightly at waist and Peter Pan collared charming little school dress, for which come in sizes 6, 8, 10 and 14 years.

Women's Dress. Crisp, dainty collar and cuff sets can be used for soiled ones just as often wish on this straight, all-in-one dress. Serge, a twill or jersey suggested materials. Sizes 16 and 36, 38, 40, 42 and 44 inches measure.

Child's Creeping Apron. For child just learning to creep, a garment than this would be difficult to find. The apron is all in one and can be made quickly. Sizes 18 months, 1 year and 18 months.

Women's Dress. The fronts crossed and closed, surplicing to side. Of plain and plaid ginghams this style would make a pleasing frock and of a silk or wool material, it would be a delightful

38, 40, 42, 44 and 46 inches bust measure.

1801—Women's Dress. Almost any material and material combination can be used for this becoming style. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1764—Women's House Dress. If you're plump of figure choose this attractive design because it has the very lines you need to give you a slender effect. Sizes 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Give size and number of patterns desired. Our new spring catalog is ready. It sells for 15 cents or 25 cents for pattern and catalog.

Closed Doors

The angel of the twilight has a little silver key
With which she opens every door that we close secretly;
We shut the door of memory and drape the ivy 'round
And vow the secret hidden there shall never more be found.

But in some dreaming evening hour the twilight angel nears,
And in the hidden ivied door a memory appears;
And then we know how vain it is, how useless are all schemes
To close forever to our sight the little door



Not Afraid!

NATURE tells the little bird what to eat and where it's safe to get it. But Nature doesn't tell the little boy or girl. So mothers need to exercise intelligence and care in choosing foods for them which will build health and create energy. Intelligent mothers now know why their children thrive on Karo.



KARO contains a large percentage of the vitalizing food element, Dextrose, which your doctor can tell you has a tremendous health value. This essential element, Dextrose, is assimilated almost directly into the blood and tissue cells—and furnishes the fuel and energy of your body.

And children delight in the delicious flavor of Karo spread on bread. Blue Label and Red Label Karo are equally nutritious.

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Buy 5 cans of Karo from your grocer, send labels to address below with 40c and you will receive the Syrup Pitcher by parcel post.

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What is a Teaspoonful? Coaxing Baby Son to Sleep

One Mother Discovers a Workable Method Better Than Rocking or Scolding

BY MRS. MARGARET A. BARTLETT

DOES the old proverb, "You can lead a horse to water but you cannot make him drink," ever come into your mind when you are endeavoring to put a child to sleep? Oh, it's all very well to read how easily a child may be induced to take his afternoon nap or go off for his night's rest by merely putting him in his crib at the same hour every day and leaving him quiet and undisturbed until sleep has come. It sounds easy, and with the one and only child it oftentimes is easy, but every mother of several children knows that there are many, many times when, for various reasons, a child will resist sleep and remain awake for an hour or more playing or crying or working himself into a highly nervous condition.



Donald Rhodes

"Let him cry," we are advised again and again. "After a few times he will learn that crying does no good and will eventually go to sleep immediately or else lie still, resting, until sleep does come." Very true advice—in some cases; but not in all. Sometimes there are circumstances which will not permit of a child crying himself to sleep.

Crying Isn't Always Wise

What if there is a younger baby easily awakened by the cries which are nothing short of howls in a 2-year-old? What if the sides of the crib are not so high but what there is danger of the child leaning over the edge and getting a severe tumble? What if some little kink in the child's physical makeup makes long-continued crying inadvisable? What if the mother's or father's nerves are in

such condition that the child's cry only serves to make the parents cross and irritable and unfit to deal with the child?

Generally one of two courses is followed when circumstances such as above are encountered; either the child is humored by being given his own way or else he is scolded and spanked and sent off to dreamland.

Yes, you can lead a horse to water but you cannot make him drink. I can, however, oftentimes lead him to drink. The same is true with the child, fighting sleep. You cannot force him to settle down and close his eyes in sleep, but, with a little patience you can easily and quickly induce him to sleep. Don't fight against his will; don't say, "Must," for his reaction to command is to resist.

Richard Goes to Sleep

Instead, sit by his crib and calmly, very coolly, very soothingly inform him that he is going to sleep. Repeat the information slowly and monotonously, paying no attention to any antics the child may perform. Of a sudden, you will notice that the activity is growing less and less, a little head will drop on the pillow, eyes will begin to blink, and in a credibly short time after he has decided to go to sleep, he will be "off."

"Coneism," some may jokingly mark. Possibly so, but I have tried this method with our third little—the only child we ever had who resisted sleep most strenuously, long before Emile Cone was ever heard of in this country. My monotonous "Richard's going to go to sleep" has many times made me the laughing stock of the house, yet everyone has had to admit that my method "works."

And it seems to me far better to a child who for some reason is in the "sleep mood" into quiet, restful slumber by bringing him into the "sleep mood" than to send him into a fitful, sobbing sleep brought on by nervous exhaustion.

Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self-addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

Fancy Costume Suggestions

Have you a book of costume suggestions for a character ball? If so, please send it to me and I will remit cost of same immediately.—Ada C.

You neglected to send me your name and address, but I hope you will see this in time to make the costume for your ball. We do not have such a book, but one of the large crepe paper companies has printed one. It contains excellent suggestions not only for costumes, but for crepe paper decorations. If you will send me a stamped, self-addressed envelope, I shall be very glad to tell you where you can procure the book. We cannot print addresses in this column.

Doughnuts

I never have been able to find a recipe for doughnuts that I could make successfully. They're always heavy and often soggy. Will you please print one that you know to be good?—Mrs. J. E. N.

There are a great many women who seem to have trouble making doughnuts. Here is a recipe for sour milk doughnuts that I think is a good one, and you should have good luck with it.

2½ tablespoons butter
1 cup sugar
1 cup sour milk
1 teaspoon soda
2 eggs
1 teaspoon salt
½ teaspoon cinnamon
Flour to make a soft dough

Cream the butter, add the sugar and beat until light. Stir in the well beaten egg and alternately add the sour milk and 1½ cups of flour in which the soda, salt and cinnamon have been sifted. Add sufficient flour to make a soft dough. Roll 1½ inch

thick, cut and fry in hot fat. Drain and when somewhat cool sprinkle with powdered sugar.

Something New in Overshoes

Every so often something is introduced which is such an improvement over the old way of doing things that people say, "Why didn't someone think of this long ago?"

This time it is a boot with a smooth wool jersey top, rubber sole and a that snaps tight, worn right over shoes.

An interesting thing is the hood fastener. A simple little pull



An Upward Pull and the Hood Fastener Closes

ward and your foot slips in easily, pull up and zip! The boot is tight and snug.

The whole thing is so simple and convenient as to assure its popularity no matter where one is going. What weather, regardless of what you are in your street shoes or daintiest slippers. This new boot provides perfect protection and comfort.

—it depends on the baking powder you use. You must use a heaping spoonful of many brands because they do not contain as much leavening strength as

CALUMET

The Economy BAKING POWDER

Level spoonfuls are all that are necessary when you use Calumet—it makes more bakings which means a real saving on bake-day.

The can of Calumet you buy today contains the same high quality leavener as did the first can ever made—the quality never varies. Last spoonful as good as the first. Save time, money and materials by using the perfect leavener—Calumet.

Best by Test



EVERY INGREDIENT USED OFFICIALLY APPROVED BY U. S. FOOD AUTHORITIES

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Until
August 15, 1924

This is State Campaign Year and Kansans are always active and alert in politics.

You want to know who are candidates and what they advocate before you vote in the August primary. You can then cast a more intelligent vote for the one you think best fitted to represent your party on the ballot for the general election in November.

The Topeka Daily Capital keeps in close touch with every section of the State and is the Official State Paper of Kansas.

We will also keep you posted with National affairs from Washington, D. C. The 68th Congress is now in regular session and legislation of vital importance to everyone is being discussed and enacted into law.

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The Daily Capital, Topeka, Kansas

Enclosed find \$..... for which send me the Topeka Daily and Sunday Capital to August 15, 1924.

Name.....

Address.....

The Farniscope

Quite Logical

Harvard Graduate—"The members of my class who have married have an average of a little less than three children."

Nassar Graduate—"Isn't that remarkable? The married women of my class have averaged almost three. I wonder what that proves?"

Harvard Graduate—"Oh, not much. Simply that women have more children than men."



I see Jimpson still sends in poetic tributions. But he is injecting new local color into his effusions. They have led him to another asylum.

Too Much of a Good Thing

"I tell you," said the real estate agent, "there isn't a finer residence on the coast than this. Just look at the wonderful scenery." The scenery is all right," replied the home searcher. "The only trouble here is too much of it between here and the city."

Much to Learn

Does your fiancée know much about automobiles?" "Heavens, no," she asked me if I had my car by stripping the gears."



A patient had compound spigo-detrulias exhaustia—and \$4,000. "Did you remove the spig—er—daya-call-it?" "—the \$4,000."

Real Entertainment

Morrow Lord Cecil begins a round of social and public engagements, beginning at noon with a luncheon given by Frank A. Munsey to newspaper editors and editors, which will occupy his time until he sails for home on April 28. From an item in the New York Tribune.

Certainly Very Easy

How did you keep your donation secret in an anonymous check?"



pective Employer—Have you had experience?pective Employee—I'll say I have. The bosses in the last seven of where I worked were something

Another Army Contractor

There are two things better than dodging work for yourself. Dodging work for you, and having somebody else advance of a division under fire. One-too-late war had been halted. Orders were given to dig in. Men began to fly except at one point behind a natural mound.

top of a doughboy's head was to be seen, while cigaret smoke curled lazily upward.

"Dig in! Dig in!" yelled a lieutenant on a tour of inspection.

"Hush," replied the soldier reproachfully. "Don't disturb my contractor."

Peering over the edge of the mound, the lieutenant saw a German soldier digging away as if his life depended on it—which it did—only a few inches from the end of the doughboy's rifle.

Foiled

Newsboy (on railroad car, to gentleman occupant)—"Buy Edgar Guest's latest work, sir?"

Gentleman—"No! I am Edgar Guest himself."

Newsboy—"Well, buy 'Man in 'Lower Ten'.' You ain't Mary Roberts Rinehart, are you?"

Only His Worry

The high-powered car was speeding toward a railroad crossing when a train rounded the bend a mile away. The two men in the front seat, both racing fiends, began an argument as to whether or not they could beat the train to the crossing. The driver insisted he could easily make it; his

companion that the train would beat them by several minutes. The argument and the speed increased, and the train rolled swiftly on. Finally, a passenger in the rear seat could stand it no longer. Frantically clutching a side of the car, he shouted: "I don't give a damn who wins this race, but I hope it ain't a tie."

Too Previous

Boss—"Sir, what does this mean? Some one just called up and said that you were sick and could not come to work today."

Clerk—"Ha, ha! The joke's on him. He wasn't supposed to call up until tomorrow."

The Investigator

A small boy came hurriedly down the street, and halted breathlessly in front of a stranger who was walking in the same direction.

"Have you lost half a dollar?" he asked.

"Yes, yes, I believe I have!" said the stranger, feeling in his pockets. "Have you found one?"

"Oh, no," said the boy. "I just want to find out how many have been lost today. Yours makes 55, I believe."

MYERS HONOR-BILT SPRAY PUMPS

Unequaled for quick, thorough spraying in field or orchard, dairy barn or poultry house. Handle with equal facility insecticides, disinfectants, whitewash or paints. Hand Pumps with easy operating cog gear handle—Power Pumps with automatic pressure control—give powerful penetrating spray that reaches every leaf and blossom, every nook and corner. The Myers line includes Pumps for Every Purpose, Hay Tools and Dees Hangers. Ask your dealer or write us.

THE F. E. MYERS & BRO. CO. 431 Church St., Ashland, Ohio



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Best low prevailing prices on hides by having them made into coats, robes and harness leather. You have the hides. FREE Write for samples of fur and harness leather tanning—also big catalog. The old reliable tanner will tan them and make it possible for you to keep the profits in your own pocket. COWNIE TANNING CO., 522 Market St., Des Moines, Iowa

The Farmer and the Railroads

THIS is the third of a series of articles about the railway transportation situation and its relation to Agriculture. This article, which deals with production costs, shows the parallel positions in which the railroads and the farmers find themselves.

Railroads have only one thing to sell—and that is SERVICE.

The production of that service has grown to be the second largest industry in America—second only in importance to Agriculture. The production of transportation service involves the labor of 2,000,000 men, 400,000 miles of railroad tracks, 68,718 locomotives, 56,900 passenger train cars, not to mention terminals, stations, freight houses, round houses, shops and other vast properties required.

Taxes, fuel, wages, material and supplies are the principal items entering into the cost of producing transportation. In 1922 taxes (Local, State and Federal) increased 91 Million over 1917; fuel increased 170 Million; pay rolls increased 942 Million; and material and supplies increased 500 Million Dollars.

To meet an ever-increasing demand for more and better service to care for a traffic which is doubling every ten years, funds for a higher standard of railroad maintenance and operation, and for improvements, additions and betterments to the railroad plant of a Billion Dollars each year must be forthcoming.

The railroads do not fix the rates charged for the service they are called upon to render. The Interstate Commerce Commission and various State commissions fix those. One result is that railroads paid in 1922 more in taxes than in dividends!

The point is that the railroads find themselves in exactly the same position as the Farmer. The Farmers must buy in a market where the price is "fixed by the other fellow" and they are forced to sell their products on markets where again, the price is "fixed by the other fellow." The only difference is that the law of supply and demand largely determines the prices of both what the Farmer buys and sells while that law works only one way for the railroads. On the selling end, it is the government agencies that say what the railroads shall receive for their service.

That the railroads have managed to make headway, especially in the last year, is a tribute to the efficiency of railway managements. That Agriculture has encountered difficulties certainly is not the fault of the railroads.

AND REDUCING FREIGHT RATES WILL NOT HELP THE GENERAL SITUATION ANY MORE THAN FURTHER REDUCTIONS IN THE PRICES OF FARM PRODUCTS WILL HELP.

Another factor that must be considered is that more than a million men are employed in steel mills, coal mines, lumber mills, and other allied industries almost wholly dependent upon the railroads for their livelihood. Taking away the income of the railroads and forcing a curtailment in their expenditures for labor and material would destroy the purchasing power of this vast army of consumers of farm products.

The cost of producing railroad transportation will depend always, to an immeasurable extent, upon the character of service demanded of the railways. The railroads are today giving to America the best and cheapest transportation service in the world. I do not believe that America will ever be satisfied with less.

I solicit your co-operation and suggestions.



M. B. Baughman

President,
MISSOURI PACIFIC RAILROAD COMPANY.



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(Pat. Pending)



Backed by a \$1,000.00 Iron Clad Guarantee. Send \$5 for enough of these sure-shot worm capsules to rid 50 hogs of worms. Simple and easy to administer. Overcome all objections of hard capsules. Order from this Ad.

FREE With each initial order for Peters Soft Gelatine Swine Worm Capsules you get a Patented Metal Gun with Vacuum

Bulb and a handsome Metal Jaw Opener FREE. Easy instructions. Also Peters Swine Book, gold lettered, as a gift. You have 30 Days' Trial, your Money Back if they fail. FREE SAMPLES and Particulars.

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Capper Poultry Club

Interest of Experienced Breeders Enables Us to Award These Prizes to Club Members

BY HAZEL MAE FLANAGAN
Assistant Manager

A RACE is interesting from start to finish. We learn many things from watching and being in a race. One of the most important things we learn is that the winning team must work from the time the starting signal is given until the line at the goal is crossed. They must keep working and as the goal is



Black Langshan Cockerel Offered to Club Members of 1924 Raising This Breed

neared, they must work a little harder to keep ahead of the other teams. Another thing we learn is that there must be no shirkers on the team. Everyone must be working and doing his part the best he can. If there is one shirker it holds the team back and oftentimes keeps them from winning the victory. After the goal has been reached, it is interesting to see who won the prizes.

In most cases there are just the first, second and third prizes to be awarded, but in the race we have just completed there are any number of them—90 to be exact. You read some time ago about the winning team, and the winners in the various departments. Weren't there a lot of them? And that wasn't all of them, either.

If it wasn't for the interest of experienced poultry breeders in the younger breeders and their desire to help them on the road to success, we wouldn't have these fine "live" prizes to award to our club members. We appreciate the interest of these breeders in helping our members by offering such fine prizes.

White Plymouth Rock Offering

Mrs. Frank P. Applebaugh of Cherryvale offered a White Plymouth Rock cockerel to the girl raising this breed who gathered the most eggs during the penning period. Frances Bechtel, of Lyon county, gathered 314 eggs in two and a half months, thus winning this cockerel. Mrs. Applebaugh also offered a setting of White Plymouth Rock eggs to the girl rais-

ing this breed who gathered the second highest number of eggs. Dorothy Nielson of Marshall county won this by gathering 200 eggs in three months.

Mrs. F. H. West, of Prescott, and a member of our mothers' department, offered a White Plymouth Rock cockerel to be awarded to the girl making the highest profit from her flock. This was won by Rena Loshbaugh of Labette county. Rena entered 20 baby chicks and raised 18 of them, making a net profit of \$30.33.

Breeders' Prizes Appreciated

Here is proof that breeders' prizes have a special meaning to club members. In 1922 Mildred Ungeheuer, a member of the Linn county team, won a breeder's prize, of a Single Comb Rhode Island Red cockerel. Mildred wasn't in the club last year, but remembering how delighted she was with her breeder's prize, offered one of her Single Comb Rhode Island Red cockerels to the girl raising this breed who won the most ribbons at fairs or poultry shows. Fay Schmidt of Lincoln county won this prize. She exhibited her chickens and won four ribbons and \$8.50 in cash.

Two White Wyandotte Offerings

To the girl ranking first in the White Wyandotte breed, L. A. Moore, of Hiawatha, offered a setting of eggs. Mildred Guthrie, Bourbon county, won these. He also offered a setting of eggs to the girl ranking second and the girl winning this prize is Irene Hadway of Clay county.

Breeder's Prize for 1924 Offered

Of course, you have noticed the picture of proud Mr. Champion as he looks at you with his bright shining eye. J. A. Lovette of Mullinville, a breeder who has offered prizes to our members for a number of years, has offered a son of this cockerel to the girl raising this breed who makes the best record in 1924. Wouldn't you like to be the fortunate girl and win this fine cockerel? Enter Black Langshans and compete for him.

Always Room for Some More

Applications are coming in on every mail, but we want more, for we're counting on 1924 being the record year and of course we want a record membership to make it the record year. If you are a farm boy or girl and are interested in purebred poultry or hogs, send in the application and we will write to you explaining the work. You will enjoy it, I'm sure, and will gain much from it.

A monument to the dishonor of the scrub boar has been erected by farmers in Collin county, Texas, with this inscription: "In commemoration, this the 11th day of October, 1923, the day on which Collin county was proclaimed free from scrub sires."

Is your farm just known as "Brown's place," or have you made use of the advertising possibilities contained in a well chosen farm name?

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager
Rachel Ann Neiswender, Poultry Club Manager

I hereby make application for selection as one of the representatives of

.....county in the Capper

.....Club.

(Write pig or poultry club)

I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail & Breeze, and will make every effort to acquire information about care and feeding of my contest entry.

Signed.....Age.....

Approved.....Parent or Guardian

Postoffice.....R. F. D.....Date.....

Age Limit: Boys 12 to 18; Girls, 10 to 18.

Chase Pain Away with Musterole

When the winds blow raw and chill and rheumatism starts to tingle in your joints and muscles, get out your good friend Musterole.

Rub this soothing white ointment gently over the sore spot. As Musterole penetrates the skin and goes down to the seat of trouble, you feel a gentle, healing warmth; then comes cooling, welcome relief from Old Man Pain.

Better by far than the old-fashioned mustard plaster, Musterole does the work without the burn and blister Grandma knew so well.

For croupy colds, sore throat, rheumatism and congestion of all kinds, just rub on Musterole.

Don't wait for trouble; keep a jar or tube on the bathroom shelf.

To Mothers: Musterole is also made in milder form for babies and small children. Ask for Children's Musterole.

35c and 65c jars and tubes; hospital size, \$3. The Musterole Co., Cleveland, Ohio



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Perfect hearing is now being restored in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunk Drums, Thickened Drums, Roaring or Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc.

Wilson Common-Sense Ear Drums
"Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking in defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ear where they are invisible. Soft, safe and comfortable. Write today for our 168 page FREE book on DEAFNESS, giving you full particulars and testimonials.

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FREE MEAT CURING BOOK

To learn the best methods of curing meat, write to E. H. Wright Co., 30 Broadway, Kansas City, Mo., and absolutely free a new \$1 book, "Meat Production on the Farm," which tells all about meat curing. Free to farmers only. Send name today.

The Family Club

No. 50M

Special 10-Day Offer

The Household Magazine and Kansas Farmer and Mail & Breeze, each one year for \$1. or the Household Magazine and Kansas Farmer and Mail & Breeze, each three years for \$2. Send remittance to Kansas Farmer and Mail & Breeze, Topeka, Kansas. Mention Special Offer No. 50M.

The Union Talks Business

Co-operators in Annual Convention at Emporia Consider Commodity Marketing Problems

BY M. N. DEELER

All business projects of the Kansas Farmers' Union were reported in good condition at the recent annual meeting of that body in Emporia. Officials of the subsidiary organizations discussed progress and future plans. E. E. Woodman, manager of the livestock commission firm at Kansas City, showed how that organization had climbed from the foot of the list in 1918, when the office was opened to first place in amount of business handled during the last two months.

Commission Company Shows Profits

The livestock commission firm is one of the most successful enterprises ever undertaken by the Farmers' Union. The firm handled 7,067 cars of stock in 1923 against 4,359 in 1922, and 2,100 in 1921. The total business last year amounted to nearly 10 million dollars. During November the Union firm led the 60 odd firms on the Kansas City Exchange by 17 cars and during December by 44 cars, and according to Woodman, the lead had been increased up to the middle of January. His statement that the number of commission firms doing business in the market had decreased by about 50 since the Union opened its office, was greeted with prolonged applause and shouts of approval.

Woodman stated that rebates to stockholders in 1923 amounted to \$3,000 after an 8 per cent stock dividend and 10 per cent added to the reserve fund had been deducted. The total earnings were \$34,700. Rebates amounted to 21 per cent of the commissions collected.

Plans were discussed for the \$200,000 Farmers' Union State Bank in Kansas City, Kan. This bank is being organized to do a state-wide business as well as a general banking business in Kansas City, Kan. There are 1,000 shares which will have \$100 par value and \$100 book value each. The \$200 paid in on each share, \$100 will be applied to the capital stock and the remaining \$100 set aside in reserves and surplus. An effort will be made to sell as much as possible of the stock among Farmers' Union members throughout the state. Provision will be made for a mail savings department, the bank will do business with Union elevators, stores and other business enterprises and maintain a loan department, according to present plans.

John Tromble, Salina, president of the Farmers' Union, has been made chairman of the board of directors; C. Trull, Kirwin, is president of the bank; O. K. Marley, vice-president. Among the directors are C. E. Brasted, Salina; W. C. Lansdon, Salina; Robert Taylor, Spring Hill; A. W. Seaton, E. E. Woodman, L. E. DeVoss, James Sims, Jerome Koehler, Kansas City, Kan.; C. C. Killian, Green; Hugh Green, Moline; C. E. Huff, Oronoque.

Insurance Section in Good Order

Brasted reported the mutual insurance companies in good condition. Reports were received by delegates also from the jobbing association, the meat marketing association, the fruiting association and the other business organizations. Plans were discussed for organizing a produce association for marketing poultry, eggs and dairy products. The jobbing association and the state union board were given authority to proceed with organization as soon as the wheat quota is signed.

Delegates voted in favor of a state income tax, gross production tax, commercialized entertainments and sales tax. They approved the proposed constitutional amendment for apportioning intangible property, increased a graduated land tax which will increase the rate on land as a holding increases, a road provision that would involve payment for construction as building progressed, a motor fuel tax, and a 11-cent tax for trucks and commercial passenger vehicles. Funds thus collected will be spent in the counties in which they originated, in the opinion of delegates.

They asked for a county unit school tax system with funds apportioned according to the teachers employed and the number of children in attendance; approved legislation permitting the organization of co-operative banks and credit unions; demanded that the Public Utilities Commission take action in preventing commercial telephone companies from discriminating against farmers' co-operative companies; and indorsed compulsory voting legislation whereby voters would be required to pay \$10 poll tax unless they could produce evidence that they

had voted in both the primaries and general elections; they approved the Torrens system of guaranteeing land titles by the state. One resolution recommended that Muscle Shoals be made a part of a Nationally owned power project, undertaken by the development of similar resources.

Most of the old officers were re-elected: John Tromble was chosen president; W. C. Lansdon, vice president; C. E. Brasted, secretary; Grant Bliss, Woodston, treasurer; John Scheel, Emporia, conductor; M. V. Gates, Logan, doorkeeper; M. O. Glessner, Salina, lecturer; Carl Smith, McPherson county and O. M. Lippert, Rush county, directors. Delegates to the National convention are: C. J. Diederick, Selden; H. B. Whitaker, Colony; Lippert, Lansdon, Huff and Glessner.

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JAMES M. WALSH, Pres.
WALSH HARNESS CO.
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A Year to Pay



Think of it! You can now get any size of the New Butterfly Cream Separator you need direct from our factory for only \$2 down and on a plan whereby it will earn its own cost and more before you pay. You won't feel the cost at all. Our low prices will surprise you. For example:

\$44 buys the No. 2½ Junior, a light running, easy cleaning, close skimming, durable, guaranteed separator. Skims 120 quarts per hour. You pay only \$2 down and balance on easy terms of

Only \$3.50 a month; no interest extras. Prices we quote include everything. We also make 4 larger sizes of the

New Butterfly

up to our big 600 lb. capacity machine shown here—all sold at similar low prices—on our liberal terms of only \$2 down and more than a year to pay. Every machine guaranteed a lifetime against defects in materials and workmanship.

30 Days' Trial

You can have 30 days' trial on your own farm and see for yourself how easily one of these splendid machines will earn its own cost and more before you pay. Try it alongside of any separator you wish. Keep it if pleased. If not you can return it at our expense and we will refund your \$2 deposit and pay freight charges both ways.

Catalog Folder FREE

Why not get one of these big labor-saving, money-making machines while you have the opportunity to do so on this liberal self-earning plan? Let us send you our big, new, illustrated catalog folder showing all the machines we make and quoting lowest factory prices and easy payment terms. We will also mail you a book of letters from owners telling how the New Butterfly is helping them make as high as \$100 a year extra profit from their cows. Sending coupon does not obligate you in any way. Write today.

ALBAUGH-DOVER CO.
Manufacturers
2177 Marshall Blvd., CHICAGO, ILL.

Top of Milk Tank is waist high—easy to fill

Milk and cream spouts are open—easy to clean

One piece aluminum skimming device is very easy to clean

All shafts are vertical and run on "frictionless" pivot ball bearings making the New Butterfly the lightest running of all separators

More than **175,000** New Butterfly Cream Separators are now in use

Ten of His Neighbors Have Bought the New Butterfly

We can recommend the Butterfly in every way, and I can recall the names of ten who have bought since I have this one. About a month ago I had your catalog sent to two other parties, and they both have ordered. Yours truly,
BERT I. VICKERY, Minooka, Ill.

Gets ALL The CREAM

Made \$61.38 More from Same Cows

"We made \$78.61 worth of butter before we had the machine and in the same length of time we made with the Butterfly Separator \$140 worth of butter from same number of cows."

THOS. S. KERMSKY, Point Aux Pins, Mich.

EASY TO TURN

Twelve-Year-Old Child Runs It

"We would not do without our Butterfly Separator or exchange it for all the machines we have seen. Our little girl, 12 years old, runs it like a clock!"

MRS. P. E. RUDE, Ashland, Wis.

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Simplest, Easiest to Clean

"My son took a course in agriculture at Cape Girardeau and he worked with a dozen or more makes of separators, and he said this was the most simple and easiest cleaned machine of any of them."

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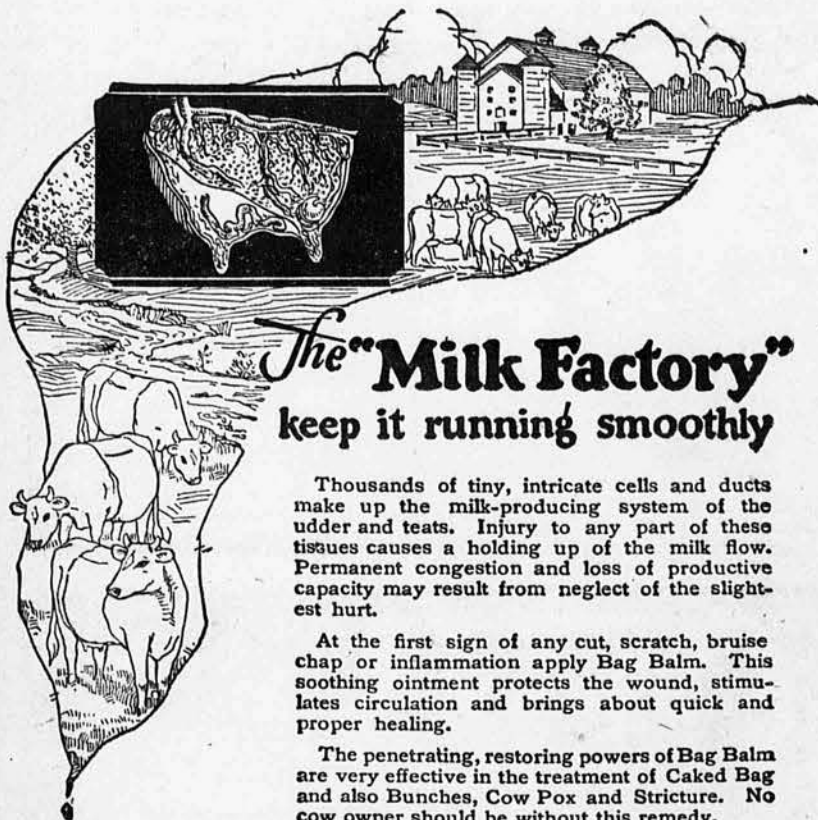
Gentlemen—Without obligation on my part, please mail me your FREE Catalog Folder and full particulars regarding your special easy payment offer on the New Butterfly Cream Separator.

I keep.....cows.

Name.....

P.O.....

State.....R. F. D.....



The "Milk Factory"

keep it running smoothly

Thousands of tiny, intricate cells and ducts make up the milk-producing system of the udder and teats. Injury to any part of these tissues causes a holding up of the milk flow. Permanent congestion and loss of productive capacity may result from neglect of the slightest hurt.

At the first sign of any cut, scratch, bruise, chaf or inflammation apply Bag Balm. This soothing ointment protects the wound, stimulates circulation and brings about quick and proper healing.

The penetrating, restoring powers of Bag Balm are very effective in the treatment of Caked Bag and also Bunches, Cow Pox and Stricture. No cow owner should be without this remedy.

Large 10-ounce package, 60c at feed dealers, general stores and druggists. Send for free booklet, "Dairy Wrinkles."

DAIRY ASSOCIATION CO., Inc.,
Lyndonville, Vermont



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MADE BY THE KOW-KARE PEOPLE

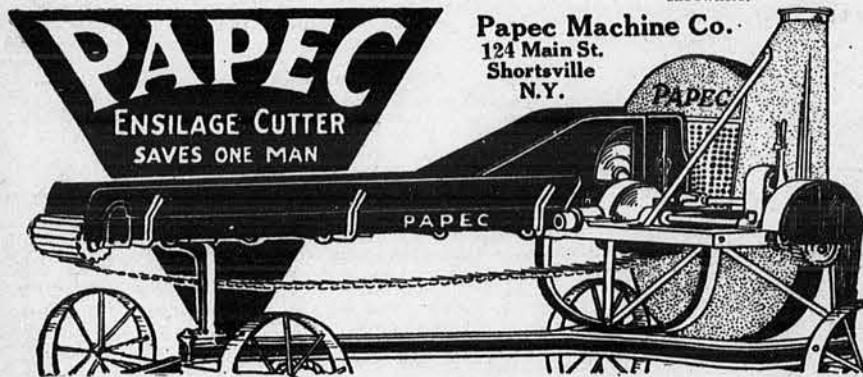
Your Tractor Will Pull a Papec

ANY small gas engine, developing 4 h. p. or better, will pull an R-10 Papec. A Fordson or other light tractor will keep an N-13 or L-16 comfortably busy. If you have a heavy tractor, and a big crew, the K-19 Papec will handle all the corn you can bring to it.

Papec sales are steadily increasing. This calls for tremendous output and our especially equipped factory is kept busy 12 months a year—making nothing but cutters. It is the world's largest exclusive cutter factory. It gives you real quality at rock bottom prices. Your dollars buy more in a Papec.

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And Blows
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Write for catalog and U. S. Gov't Bulletin "Making and Feeding Silage." They tell how to make your silo pay bigger profits. Both free to silo owners.



Uses Less Horses—Does a Better Job

A wonderful record in the few years it has been on the market has been made by this

CHASE LISTER

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Lighter and simpler than any other lister built and requires less horses to pull it. One farmer wrote: "I have seen your lister work in very hard ground with a heavy growth of grass on the ground and ran light. Has an easy lift."

The working parts of this lister are extra strong, but the number has been reduced until the lister, without hitch, weighs only 827 pounds. Can be secured with a 4, 5 or 6-horse hitch, or a tractor hitch, or a combination of any of these.

Ask us for the names of some of these farmers, circular and price. It will pay you to investigate this machine

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Dairy Hints For Farmers

Ice Adds Comfort to the Farm Home and Also Improves the Milk and Butter

BY J. H. FRANDSEN

ICE is almost an economic necessity on the modern farm. The farmer, far removed from the grocery, butcher shop and drug store, has far greater need for refrigeration than his city cousin. City people can purchase perishable supplies as needed; the farmer must buy foods in large quantities—he can't run to town every time a piece of fresh meat is needed for the table, or to get a cooling drink whenever he is thirsty or when a neighbor drops in for a visit.

Insures High Quality Products

For the dairyman who wishes to market high quality products, a supply of ice sufficient to last through the hot months is indispensable. Proper care of milk and cream is simple; yet because of lack of proper cooling, much of the product delivered to creameries is of such poor quality that the farmer is paid only second grade prices for his cream. Many bad flavors develop in cream that is not well cooled. Poor cream means poor butter and lower prices, both to the producer of the cream and to the manufacturer of the butter.

In most sections of Kansas there is generally enough cold weather to provide natural ice. Under these conditions, getting an adequate ice supply requires little money, but merely the expenditure of a little time and effort. Tools required are few, and if two or three neighbors go together to help each other store ice, the job is not a serious one.

Do not skimp on the amount you put up. Under ordinary circumstances from 1/2 to 1 ton of ice for each cow is needed annually for cooling cream; if whole milk is to be cooled, from 1 1/2 to 2 tons for each cow must be provided. It is a wise plan to build an ice-house that will accommodate about 50 per cent more ice than is actually needed for the dairy. This will allow for a heavy shrinkage and for general household consumption.

Site for the Ice House

The site for your ice-house should be easily accessible to both the milk-room and the house kitchen, the two places where ice will be needed during the summer. Time is not such an important economic factor in winter as it is in summer; hence, it is better to haul the ice in large quantities over snow-covered ground on bob-sleds in winter, and store it where it will require but a short time to fill the cooling tank or ice-box in the summer.

The ice-house itself need not be an expensive affair. There are two chief types: one provides protection against heat by a specially constructed wall containing some non-conducting material that acts as an insulator; the other has non-insulated walls, and protection is provided by a layer of saw-dust placed between the ice stack and the walls of the building. Houses of this latter type are less expensive and serve the purpose quite as well as the house with insulated walls.

The sources of ice should be carefully considered. The water for the supply should be free from contamination of any sort. If ice is to be

harvested from ponds or sluggish streams, any grass or weeds growing in them should be thoroughly cleared away before cold weather to avoid the possibility of any decayed vegetable matter in the ice. Sections of small streams may be dammed up to create a body of water suitable for producing ice. This will, however, probably necessitate more cuttings since the surface area is limited.

Ice also may be made artificially by pouring water into galvanized iron or paper molds, and allowing it to freeze, then loosening and removing by pouring hot water over the bottom of the molds, and then refilling with water to make another cake. In most places, however, there are streams or ponds from which natural ice may be cut.

When the ice is about 8 inches thick it is usually a good time to begin harvesting, tho in some seasons thinner layers must be used.

Another Good Method

Many farmers cut the ice in cakes 22 by 22 inches, which is a size that is easily handled. Loss of ice by melting depends partly upon the manner of packing. Pack the cakes as close together as possible to make a tight, solid mass, and prevent cracks and openings that will allow air to circulate. The more regular the cakes, the more closely they can be packed. In the beginning, place a 1-foot layer of dry sawdust in the bottom of the ice-house, sloping slightly down toward the center. Leave a space of about 12 inches between the sides of the ice stack and the walls of the building to fill with dry sawdust, thus forming an insulating layer between the ice and the air.

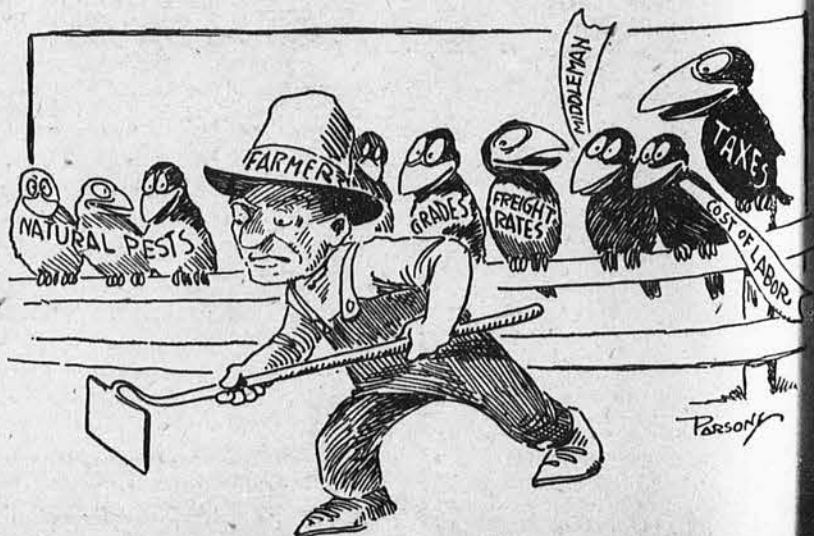
Allowing 45 cubic feet to the ton, and allowing at least 1 foot on all sides of the stack for packing with sawdust, it is easy to estimate the capacity of your house. Thus a house measuring 10 by 7 by 7 feet inside will store 10 tons of ice. A house 14 by 8 by 8, will store 20 tons, and one 14 by 10 by 10 will hold 30 tons.

To Clean Milking Machines

Hot water is the best medium to use in cleaning milking machines, according to tests made by the U. S. Department of Agriculture recently. It was found that hot water gave better results in reducing the number of bacteria than did the use of either chlorine solution or salt and chlorine solution.

The length of life of the teat-cup rubbers of milking machines, when sterilized by the hot water method, was found to vary from 6 to 17 weeks. It is very important in order to get long service from these rubbers that they be made of the so-called butyl compound and that they be thoroughly cleaned before sterilization, as a little butterfat remaining on them has a destructive effect in connection with the heat.

It is better to know how to do one thing when it's needed than a lot of things when they're not.



All Wish Him Big 1924 Farm Crops

Success with Day-Old Chicks

BY MRS. C. C. OVESON
Osage City, Kan.

Having tried every method of hatching known to man, or rather woman, I would certainly recommend hatching day old chickens as the cheapest and most satisfactory means of renewing our flock each year. I do not think it necessary to consider the question of hatching with hens—it is simply not done where large numbers are wanted. The choice, therefore, lies between doing your own hatching with an incubator or buying day-old chicks. I tried the incubator method for a number of years. I had a splendid 400-egg incubator in which temperature seldom varied, yet so great was the nervous strain that I arose several times each night to see if all was well. I would be nearly a physical wreck at the end of three weeks and after the weak and crippled chicks were killed, I seldom would have more than 250 chicks. These could have been purchased from a reliable firm hatching strong purebred chicks, for \$7.50. Even tho I used eggs from my own flock, they were worth \$4 a hundred, and surely the relief from the responsibility and risk and the labor of hatching were worth a great deal to a busy farmer's wife.

Last March, I bought 350 day-old chicks for \$36. I raised 325 of them. When they were 10 weeks old, I sold 11 broilers for \$85. I raised 160 pullets which began laying early last October and are now fine matured hens, filling their house with music even during zero weather. I am quite sure that I have enjoyed them a great deal more than I would have if I had gone thru the strain of incubating them and am certain that the expense was less. Let the other fellow do the work, stand the strain, the poor hatches and the crippled chicks.

Likes Incubators and Brooders

BY RUBY SCOTT
Michigan Valley, Kan.

I have used incubators for several years, but last year was my first experience with a brooder and I think brooder stove far superior to hens, raising baby chicks.

First, if you have a large number of baby chicks, say 400 in a bunch, that number would require from 12 to 15 hens, according to the time of year. It is very unusual to find that number of hens congenial. When turned loose in a building, there are generally three or four fights for the first few days. The results are several chicks trampled to death at each fight, which runs your loss up fast. I haven't any use for outside coops. They do very well if the weather is warm, sunny and dry, but if a few days of damp, rainy weather should come and you have to keep them shut nine times in 10 the chickens will develop roup or bowel disease before the weather is pleasant enough so you let them run out.

To raise many chickens in the old way, you have a large number of hens off duty a long time eating up a large amount of high-priced poultry feed, which is expensive. My brooder consists of an airtight wooden box, 20 inches long, 29½ inches high and 14½ inches wide. I have a 45-inch coil of galvanized steel made to fit around the heater, which can be raised and lowered with a cord and pulley. You can get a canopy made in any tinshop. I place this brooder under a building 14 by 14 with two big south windows that will accommodate 500 chicks nicely and keep them growing. If wood or cement is used, plenty of soil and litter should be put on the floor. A fine layer of bluegrass and clover sod, which will provide green feed, soil exercise. You need no thermometer for this kind of a brooder, as the chicks are your best regulators. If too warm, they will move out the edge of the canopy, and as the weather cools off, they will move back to the stove.

When chicks are 5 weeks old, they should be moved to another building and get along fine without any artificial heat. If in a warm building, a good hovers will keep them nice and cozy, even when the thermometer runs around the zero mark. Then the brooder stove is available for a hatch.

Incubator has proved to be of

great value in many ways. While I think the good old way with the old hen, is hard to beat, still I think the incubator has many good qualities and wouldn't be without one, as it enables one to have much earlier hatches. Now, just a word about incubator operation. First, be sure to follow the manufacturer's directions. He ought to know best how to operate his own machine. Here are a few of my hobbies. Always set the incubator in a well ventilated room in which the temperature does not fluctuate violently. A dry basement or cellar is preferable. Be sure that the machine is level. Clean the lamp every day, carefully brushing off the charring on the wick.

I keep the temperature in the incubator between 102 and 103 degrees the first two weeks and keep it at 104 degrees the third week. Eggs should be turned twice a day, morning and evening, after second day up to 19th day. The eggs also should be aired 5 minutes every morning and turned, the first week; 10 minutes, second week; and 15 minutes the third week, up to 19th day. This for a room with temperature around 60 degrees. If the weather is very dry or if you are running an incubator in a very warm room, then I would use a little moisture, by placing an ordinary cup

or saucer half full of water under the egg tray on the 17th day.

I raised 1,000 chickens in 1923 by these methods and the incubator and brooder enabled me to get them off on the early market when prices were high. I started my first hatch February 15 last year and finished by March 29, and in 9 weeks from the time I took off my first hatch, they were ready to put on the market as 2-pound broilers, at a fancy price.

To "Get" Tax Evaders

From St. Paul Farmer

Senator Capper has found a way to get at holders of tax-exempt securities. He proposes that a heavier inheritance tax be placed on the estates that are holders of such paper. This plan is gaining considerable headway. The tax-exempt security is one of the big problems. It is the hiding place of investors who do not want to bear their proper share of taxable burdens.

It is probable that Congress will submit a constitutional amendment to put a stop to the further issuance of such securities by federal, state and local bodies.

Taxes paid on automobiles in the United States in 1923 amounted to \$334,901,000.



Save the Pigs

Pigs, if they are to grow into hogs and bring the owner profits, must have warm, clean, comfortable quarters. Good shelter staves off disease and death.

Profit on the Hogs

The more hogs you market the more money you make. Protecting their health protects your pocket book. A Dickey Glazed Hollow Tile Hog House is permanent, warm and easily cleaned. Send for FREE full information! Write today! Catalog No. 1.

W. S. Dickey Clay Mfg. Co., Kansas City, Mo.

Dickey Glazed Hollow Blocks

Best for Hog Houses, Chicken Houses, Barns, Garages and Silos



Free Catalog in colors explains how you can save money on Farm Truck or Road Wagons, also steel or wood wheels to fit any running gear. Send for it today.

Electric Wheel Co.
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De Laval

A
Better
De Laval
For Fewer
Pounds of
Butter

\$660
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Greater Value. Present-day purchasers of De Laval Cream Separators are getting more value than was ever before possible. In 1913 it took 231 pounds of butter to pay for a popular-sized De Laval. Now it requires only about 188 pounds (average prices for years 1913 and 1923) to pay for the same machine—43 pounds or 18% less butter. In addition, the present-day De Laval is at least 20% better, having 10% more capacity, a bell speed-indicator, self-centering bowl, and many other improvements and refinements.

Self-Centering Bowl. The De Laval Bowl is so designed as to center and balance itself when it attains separating speed, which causes it to run smoothly, without vibration, and adds to the efficiency and life of the machine. It also gives the least possible resistance in being revolved, which together with the automatic oiling system and superior design and construction of the driving mechanism, causes the De Laval Bowl to require the least power (per pound of capacity) to drive.

All-Around Superiority. A combination of the fore-

going features, together with superiority of De Laval design, workmanship and materials, enables a De Laval to separate more thoroughly under all conditions of use, deliver a smoother cream capable of making better butter, to separate a richer cream with less loss of butter-fat, and to separate with greater efficiency at lower temperatures.

Remarkable Record. Not only was the De Laval the first continuous centrifugal cream separator ever made, but ever since it has been first in popularity, in numbers in use, in efficiency and length of service. All of the thousands of De Laval Separators entered in the "Oldest Users Contest" held last year, averaged over 20 years of use. Any De Laval is capable of giving equal service.

Pays for Itself. There are many worn-out and inferior cream separators in use today, wasting enough cream to pay for a new De Laval in less than a year. You can buy a De Laval on such easy terms that you can use it while it is paying for itself.

The DeLaval Milker.

Ask Your De Laval Dealer For A Demonstration

If you milk ten or more cows, a De Laval Milker will soon pay for itself. Besides saving a great deal of time and drudgery, it produces cleaner milk and by its pleasing, uniform action usually causes cows to give more milk. More than 15,000 users will tell you so.

Send coupon for complete information.

Mail this Coupon to
For Free Catalog

The DeLaval Separator Company

New York, 165 B'way
Chicago, 29 E. Madison St.

Send Separator ☐ Milker ☐
catalog (check which).

Dept. 398

Name

Town

State R. F. D. No. Cows.

BABY CHICKS

COMBINED QUALITY TYPE PRODUCTION

100% Live Delivery Guaranteed

White, Buff, Brown Leghorns; Barred and Rocks; R. I. Reds; Anconas; Wyandottes; Minorcas; Buff Orpingtons; Light Brahmas; Giants.

BIG, MUSKY, VIGOROUS CHICKS

Popular Prices—Chicks 12c up.

White Leghorns—High Egg Producing—Show Birds

New York—Chicago—Kansas City—Dallas, Texas

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Strong-Healthy Chicks

Hatched in latest, most improved machine. All flocks standard bred—culled for egg and meat production. Many in Iowa State College Record Flock Association.

Quick shipment. Orders booked now. Many varieties. Reasonable prices. Postage paid. Live delivery guaranteed. Illustrated catalogue on request with price list.

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CHAMPION CHICKS

PEEP AT THIS AD.

Trapnest White Leghorn Matings. Records 28 eggs. Chicks \$20 per 100 up. One PURE BRED MATING. PUREBRED STANDARD RANGE FLOCKS. Rocks, Reds, Wyandottes, Whites, Orpingtons, Langshans, \$15 per 100. Brown, English White Leghorns, Anconas, \$13. Minorcas, other breeds by arrangement. In advertising and dealing. Quality in stock. Lower State Hatchery, Bronson, Kansas

THE TUDOR HATCHERY

15th Season—Quality and Service

Strong Healthy Chicks—Purebred White & Barred Rocks, Reds, Wyandottes, Anconas, Orpingtons, Leghorns—bred and tested for Egg Production. 100% Live Delivery Prepaid. Low Prices. The Tudor Hatchery, Dpt. M, Topeka, Ks.

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PURE BRED BIG MUSKY fellows from High Grade Blood to Lay farm range flocks White and Brown Leghorns 12c—Barred Rocks single comb, Reds 14c, Buff Rocks, Light Brahmas, Late Wyandottes 15c postpaid. White Rocks (state and Grade A.) McManis Hatchery, Osgood, Ks.

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of Ideal Chickens in Beautiful Natural Colors, 8x11 in., suitable for framing. Give one with every order. Every issue, World's Great Poultry Paper. Chuck full of money-making ideas, articles, news by foremost poultry authorities. Pub. monthly, 90 to 120 pages. \$2.00 a year. Send stamp or coin today.

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Poultry Tribune, Dpt. 11 Mount Morris, Ill.

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LEADING VARIETIES. All standard bred from bred to lay flocks. Low prices. Full live delivery guaranteed postpaid. Write for catalog and prices.

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64 BREEDS Most Profitable chickens, ducks, turkeys and geese. Choice, pure-bred northern raised. Fowls, eggs and incubators at low prices. America's great poultry farm. At \$1.00. Valuable 100-page book and catalog free.

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S. DE FOREST'S CHICKS

Barred Leghorns from Imported Parentage. Non-S. C. Rhode Island Reds and R. C. Reds for selection; other popular breeds. Low prices. Write for prices.

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POULTRY Big money. Mrs. Berry tells how in 144-page book, 215 pictures, years of experience. 1 START with Poultry. Eggs, incubators, BABY CHICKS, etc. Wonderful book mailed for only a nickel.

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CHICKS

Inspected flocks will make you money and Rhode Island Red, Plymouth Rock, Leghorns, Rocks, Buff Orpingtons, Anconas. It will pay you to write today. **BAKER'S HATCHERY, Box 14, Adams, Mo.**

GUARANTEED TO LIVE

Chicks guaranteed to live. From select range raised to lay. Write for prices. The breed you are interested in. **Breders' Hatchery, Cherryvale, Kansas**

QUALITY Chicks & Eggs

PURE BRED BREEDERS. 15 varieties. Best strains. Incubate 25,000 eggs daily. Catalog free. Free live delivery.

W. H. HATCHERY, Columbia, Mo.

Chicks and EGGS. Best quality. Barred, R. I. Reds, S. C. White and Buff Leghorns, Buff Minorcas, Buff Orpingtons. Order now. Booklet. Golden Rule Hatchery, C. Bucyrus, O.

ANS FOR POULTRY HOUSES!

See 150 illustrations; secret of getting winter crop of "The Full Egg Basket." Send 25 cents. **POULTRY JOURNAL, Dpt. 60, Indianapolis, Ind.**

Color Your Butter

Golden June Color Gives That Golden June Shade Which Brings Top Prices

Each churn add one-half teaspoon each gallon of cream and out of churn comes butter of Golden June "Dandelion Butter Color" is vegetable, harmless, and meets National food laws. Used years by all large creameries. Large bottles cost only 35c. **Richardson Co., Burlington, Vt.**

wethers \$8 to \$9. Few yearlings were offered.

Southern states took most of the horses and mules offered this week at steady prices.

The following quotations are given at Kansas City:

Draft horses weighing 1,500 to 1,700 pounds, \$100 to \$160; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$80; fancy drivers, \$100 to \$200.

Good work mules 4 to 7 years old, 13½ to 14 hands high, \$30 to \$90; 14 to 14½ hands, \$55 to \$110; 15 to 15½ hands, \$95 to \$160; 15½ to 16 hands, \$120 to \$185; extra big mules, \$190 to \$230.

The Grain Situation

Corn and oats lurched down in price at Chicago, chiefly owing to Government reports that on January 1, hogs on farms had decreased 2,926,000 in number as compared with a year before. Corn finished unsteady ½¢ to 1½¢ net lower. May corn was 79½¢ to 79¾¢, with oats ¾¢ to 1½¢ down and wheat at 1½¢ off to 1½¢ up, May wheat ranged from \$1.08½ to \$1.09 and July wheat reached \$1.07½.

In provisions the outcome varied from unchanged figures to 12¢ decline.

Weakness in the corn market was apparent from the outset and ended with prices at almost the bottom level, which had been touched. It was generally assumed that the Government report indicated more corn to sell later in the season. The contrary view that a big part of the crop already had been marketed in the form of livestock failed to have much influence. Bearish sentiment was further emphasized by signs that country owners of corn showed a disposition to loosen their hold in some sections, altho purchases made by Chicago handlers were limited. A sharp drop in prices at Kansas City followed.

Buying support, which helped to check breaks in the corn market, was based more or less on estimates that this year's crop falls 10 per cent below that of last year for starch making purposes and that the feeding value is also 10 per cent less than was the case last year.

Wheat Relatively Firm

Wheat was relatively firm as a result of smallness of primary receipts and because a liberal reduction in the United States visible supply total was looked for. Besides, the Liverpool wheat market was higher, altho this was said to be due chiefly to the British railroad strike.

The following quotations on grain futures are given at Kansas City: May wheat, \$1.03½; July wheat, \$1.01½; September wheat, \$1.06½; May corn, 75½¢; July corn, 75½¢; September corn, 76¢; May oats, 47½¢; July oats, 46¢; September oats, 43¢; May rye, 74½¢.

The market at New York City first showed quite a big rise in cotton futures at the first of the week but this was soon lost and prices settled down to the following quotations:

March cotton, 32.31c; May cotton, 33.47c; July cotton, 32.22c; October cotton, 27.85c; spot middling cotton, 39.35c.

Starkey Peddles Eggs

Because there was no satisfactory egg market in his town, L. V. Starkey built one of his own. Now several dozen of the best families in Emporia receive their breakfast eggs direct from the farm. Starkey has two egg routes. The man who delivers will not collect. That would take too much time. He merely leaves a statement and the amount due is carried forward each time. Customers send a check in payment of their bills at the end of each month. Starkey never "duns" them because that is not necessary. The product of some 700 hens is marketed in this way with the exception of those sold for hatching purposes. He has a high producing strain of White Leghorns and the demand for hatching eggs is increasing.

Starkey established the egg routes because he was not satisfied with prices paid by local dealers. He did not propose to receive the same price as the fellow who does not grade and care for his eggs properly. He receives a premium above local prices except that his price never goes below 25 cents. When the price goes above 45 to 50 cents a dozen he does not ask the premium. Customers pay a little more for Starkey's eggs because they are worth more.

Make Big Money Raising Poultry With A Champion Belle City

The Hatching Outfit that has brought success and big cash profits to over a million satisfied users everywhere. Start a profit-paying poultry business of your own. My Poultry Book "Hatching Facts" tells how—it's free—write for it today. You can't lose when you use my guaranteed

\$13.95 Champion Belle City 140-Egg Incubator \$21.95 230-Egg

With Fibre Board Double Wall construction used for over 24 years—Copper Hot-Water Tank—Self-Regulated Safety Lamp—Thermometer and Holder—Deep Chick Nursery—Egg Tester. My Double Walled Belle City Hot-Water Lamp Brooders are guaranteed to raise the chicks. \$6.95 buys 140-chick size; \$9.95—230-chick size. Save \$1.95—order a Brooder with your Belle City Incubator—have a Complete Hatchery. 140-egg Incubator \$18.95 140-chick Brooder \$29.95 230-egg Incubator \$29.95 230-chick Brooder \$29.95

Express Prepaid

East of Rockies and allowed to points West. If you prefer a large capacity Brooder, my Oil and Coal Burning Canopy Type are best for you to use. When ordering

My \$1000 in Gold

and other prizes. Or write me today for Free catalog "Hatching Facts"—it tells all. **Jim Rohan, Pres.**

Belle City Incubator Co.
Box 21 Racine, Wis.

Oil Brooder Stove-Wickless
36 in. Canopy 50 in.
300 Chicks 800
\$14.95 \$16.95

Coal Brooder Stove
Burns either hard or soft coal; is gas proof. Self Regulating and economical. The most durable and practical.

42 Inch Canopy 500 Chicks \$19.95

52 Inch Canopy 1000 Chicks \$24.95

140 Size \$6.95 230 Size \$9.95

New Low Prices On Miller Baby Chicks—Season 1924

Buy your chicks this season from an established hatchery. MILLER HATCHERIES is one of the finest in America. We hatch twenty popular varieties from stock which have been culled and bred for heavy egg production. 1,500,000 chicks via prepaid parcel post at the following low prices:

Varities	50 chicks	100 chicks	500 chicks	1,000 chicks
Barred Rocks, R. and S. C. Reds, Anconas, R. O. Brown and S. C. Buff Leghorns	\$7.50	\$14.00	\$65.00	\$125.00
White and Buff Rocks, W. W. and Black Langshans	\$8.50	16.00	75.00	140.00
S. L. Wyandotte, White Orpington, S. O. Black Minorca	9.00	17.00	80.00	150.00
Buff Orpingtons	8.00	15.00	70.00	135.00
Golden Wyandotte	11.00	20.00	95.00	175.00
Light Brahmas and W. F. Black Spanish	13.00	25.00	115.00	200.00
S. C. White and S. O. Brown Leghorns	7.00	13.00	60.00	110.00
Assorted	6.50	12.00	55.00	100.00

Order direct from this advertisement or send for our FREE CATALOG. 21st SUCCESSFUL Season. Over 12,000 pleased customers in United States and Canada. Member, Missouri State, Mid-West and International Baby Chick Associations.

MILLER HATCHERIES BOX 611 LANCASTER, MISSOURI

Bartlett Quality Chicks!

Produced from heavy winter-laying, pure bred, tested range flocks. Years of systematic breeding and culling by experts make Bartlett chicks early maturing winter-layers. We breed for winter egg production and Bartlett chicks prove the success of our methods.

Highest Quality at Reasonable Prices

100% delivery guaranteed—postpaid to your door. Let Bartlett quality chicks show you the way to big poultry profits. Hundreds of old customers buy over one-half of our output each season. We can please you. Free circular and prices on chicks and hatching eggs.

BARTLETT POULTRY FARMS, R. F. D. 5, Desk 10, WICHITA, KANSAS

What's a CAPON and Why?

A book that explains why Capons are the most profitable part of the poultry business and everything you will ever want to know about CAPONS. 50 pictures from life that show each step in the operation. List of Capon Dealers' addresses. Tells how to prevent "Slips," where to get the best and cheapest capon tools. Capons are immense eating. Big profits realized. Get wise. This book tells how. Copyrighted new and revised edition. Regular 50c copy, prepaid to your address (a short time only) for a Dime in coin or stamps.

GEORGE BEVOY, R. R. 40, CEDAR VALE, KANSAS

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Our 12th Year 300,000 for 1923

Huber's Quality Chicks, Pure Bred from selected healthy stock. Leghorns, Rocks, Rhode Island Reds, Orpingtons, Wyandottes. Postage paid. Live arrival guaranteed. Big illustrated catalog free.

HUBER'S RELIABLE HATCHERY, Dept. A, Hiawatha, Kansas.

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Don't let ROUP, COLDS, CANKER, SOREHEAD, BOWEL TROUBLE, etc., take your profits. Easy to cure or prevent. "The Lee Way" Book, 44 pages, by GEO. H. LEE, tells about poultry ailments, how to detect, what to do, etc. Germozone (75c and \$1.50 sizes) and this FREE book at drug or seed stores, or postpaid from GEO. H. LEE CO., Omaha, Neb.

GOES TO THE SPOT

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Vigorous, livable, standard bred, from 25,000 bred to lay hens. Postpaid, 100% arrival guaranteed. White, Brown Leghorns, 50¢; Orpingtons, 60¢; R. I. Reds, Anconas, Buff Wyandottes, 60¢; S. L. Wyandotte, 60¢; S. O. Black Minorcas, 100¢; Left overs, light breeds, 100¢; Heavy breeds, 100¢; Bank ref. Illustrated catalog free.

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THE CALF SAVER TO PREVENT ABORTION IN COWS

INSURES YOUR HERD AGAINST ABORTION LIKE FIRE INSURANCE INSURES YOUR HOME AGAINST FIRE.

Send For Literature.

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HARDY OZARK CHICKS

10 varieties. Purebred chicks and hatching eggs. Big catalog free. **Kennedale Hatchery, Springfield, Mo.**

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PRICES
REDUCED
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For several years sales of X-Ray Perfected Incubators and Brooders have been rapidly increasing. This great increase in orders has enabled us to reduce manufacturing costs. We give you the benefit in reduced prices.

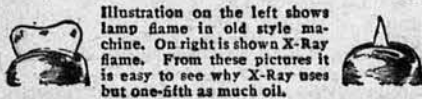
The most experienced poultry raisers are buying X-Ray Perfected Incubators by hundreds. Get a list of their names.

Exclusive X-Ray features make it as nearly perfect as any machine can be. The temperature in the hatching chamber is regulated by controlling the lamp flame. At hatching temperature the lamp flame is usually no larger than a pencil point. This saves oil. Only one filling of the lamp is required during a hatch.

X-Ray machines have operated for several days without any attention whatever and have brought off successful hatches.

HATCH X-RAY FOR ONE-FIFTH THE COST

Perfect insulation is secured from the new patented corrugated redwood and pressboard combination walls which form a double dead air space. The room temperature may drop from 70 degrees to nearly zero but the controlled lamp flame and perfect insulation will continue to hold the inside heat; thus, X-Ray will hatch every fertile egg.



The heating plant in X-Ray is in the center of the machine. The heat is thus distributed evenly throughout the egg chamber and all of it is used.

The illustration shows the 400 egg X-Ray Incubator. We also have machines of 125 and 200 egg size. Our sixteen years' experience has taught us to recommend the 400 egg machine. Any number of eggs up to 400 may be hatched in it. Its operation is so cheap and easy that X-Ray users who hatch only 100 or 200 eggs prefer to use X-Ray 400 egg size rather than a smaller old style machine.

The purchase price is not so important as operating cost and the saving of work and worry and insurance of perfect hatches. Do not confuse X-Ray Incubator and Brooder with cheap imitation machines built to look like it and said to operate like it. X-Ray exclusive features are patented and imitators cannot use them. No other machine can operate as successfully as X-Ray and with so little work, worry and expense.

Read the X-Ray book and know why X-Ray hatches every fertile egg. Send name and address and a copy will be mailed to you free at once. We prepay all transportation charges.

X-RAY INCUBATOR COMPANY
215 Des Moines St. Des Moines, Iowa

SMASH HATCHING COSTS!

Petaluma Incubators

will smash your hatching costs by giving you bigger hatches of larger, better, "peppier" chicks. Petaluma Incubators are made of wormproof California redwood—double walled, with double glass and dead air space doors that open down to the floor to make handling of eggs and cleaning easier. They are made in interchangeable standard units of 126-egg capacity. Improved thermostatic controls positively regulate warmth of the incubator and flame of the lamp. They require absolutely no attention. You just turn the eggs.

Write for Illustrated
Booklet—EE-6

PETALUMA INCUBATOR CO.
Petaluma, California

WHY EXPERIMENT?
BUY PETALUMA INCUBATORS!



Our Own White Leghorns!

From flock of 454 five-pound birds, averaging 232 eggs each last season. Other leading breeds of selected parentage, 130 up to 100% live delivery, prepaid. Write for quantity discount.
HILL CREST HATCHERY

The Farm Flock for Profit

Chickens and Eggs Proved Good Sources of Income for Many Kansas Farmers Last Year

BY IRA BOWMAN, REED

POUTRY proved a good sideline last year on many Kansas farms and was a good source of income for many families, if the hundreds of letters we have received in the last four weeks are to be accepted as evidences of this fact. It is one of the safe and dependable plans for increasing the farm income that can be tried anywhere in Kansas with but very little risk, and we hope that the time is not far distant when the number of chickens, turkeys, ducks, geese and other profitable fowls in the state will be doubled.

With the favorable soil, climate, and market conditions found in Kansas there is no reason why its farmers every year should not sell 50 million dollars' worth of poultry and eggs, altho we did not sell quite half that amount last year. However, the good work done by the Kansas State Agricultural College and the Kansas State Board of Agriculture and the agricultural agents is arousing an increased interest in the poultry industry and no doubt the state in the near future will make a record that many other states will find it impossible to surpass or duplicate. In order to show the high regard in which chickens are held by many of our readers a few of the numerous letters we have received are reproduced here for the benefit of our subscribers.

My Best Investment

I think the best investment we ever made was last spring when we paid \$10 for 130 eggs from two good certified "Class A" flocks of White Rocks. From these eggs, we matured 40 pullets and 39 cockerels. Two of the cockerels, we lost by accident, 15 pullets were culled out and sold on the market.

Thru a small advertisement in the Kansas Farmer and Mail and Breeze, 35 cockerels were sold for breeding purposes at from \$1.25 to \$3 each, making a total of sales amounting to \$80.50. We still have 25 certified pullets and two of the best cockerels for a pen which at a very conservative estimate are worth \$45. This makes a total value of \$125.50 on an investment of \$10, giving a profit of \$115.50 for our feed, much of which was foraged, and our labor.

This flock was hatched in April and the chicks were raised with hens and were left in the open without any special equipment or care. This does not take into account the eggs these pullets have been laying the last two months as we have no way of knowing on account of their running with the flock.

We took first on pen of five, second on cockerels and third on pullets at our county poultry show. We also have a nice list of satisfied customers from the way they have been writing after receiving the cockerels. Altogether we feel very well satisfied with the venture. Mrs. Della Henry.

Delavan, Kan.

My Luck With Turkeys

I have my breeding stock acquainted with the premises before laying time starts, which is about March 15. My turkey hens lay from 14 to 20 eggs each. I keep 2-year-old breeders. I prefer one tom to about five hens. All breeders should have large shanks and feet, long deep bodies, full breasts and red heads. I gather the eggs each day to keep them from being destroyed. If any hens should begin sitting in an undesirable place, I transfer them to a box or barrel in a suitable place. Nests should be flat to keep eggs from piling up. The nests also should have a little hay or straw in them. Broody hens should receive from 15 to 20 eggs each, depending on size of hen. Most hens can mother about 15 pullets.

The poulters are permitted to run with the mother hens in fields and meadows and to feed on seeds and grasshoppers. I drive mine to safe quarters each evening for about 4 weeks or until they come home at night. I have oyster shell, charcoal, sand and grit before them at all times.

Hens should be dusted with sodium fluoride one week after hatching. Blackhead is a very serious disease and should be dealt with accordingly. Isolate all sick birds, for the germs spread the disease. Feed more sparingly especially of corn or any heavy feed. Poulters are very subject to this disease.

About 40 days before marketing, they should have a fattening ration of 3 parts kafir and 1 part corn. My early May hatched cockerels weigh about 20 pounds and pullets about 12 pounds by Thanksgiving Day. I sell some for Thanksgiving and Christmas trade, and some for breeding. This averages about \$5 apiece. Herbert Gilmore.

Havana, Kan.

Makes Money With Barred Rocks

On January 1, 1923, I had 147 purebred Barred Plymouth Rock hens and 10 roosters. In the morning, I feed them 2 gallons of oats scattered in litter. In the evening, I feed them 1½ gallons of shelled corn. For a mash, I mix 6 gallons of the best bran with ½ gallon of tankage. I keep the mash and crushed oyster shell before them all the time. Last year I sold \$303.25 worth of eggs; \$89.42 worth of old chickens; \$79.44 worth of young chickens and have 10 pullets, valued at \$4, more than last year. Total income was \$472.11.

My feed bill was \$144.11; stock roosters cost me \$8; 17 old birds died, valued at \$14.96. Total expenses were \$167.07. My profit for 1923 was \$305.04 besides the chickens and eggs that we ate, which pays for the general waste the chickens get on the farm.

When the weather is bad, I keep the chickens shut up and give them water often so they will not have icy water to drink. Emma M. Darnell.

Galena, Kan.

Sells \$645 Worth of Poultry

In my experience last year, from January 1, 1923 to January 1, 1924, I have found nothing so profitable as the farm flock. I sold \$645 worth of eggs and young chickens from a flock of 220 hens. I think most of my success was due to the way I fed my hens.

I put out plenty of milk and water and kept crushed oyster shell before them in winter as well as in all other seasons. I fed about a bushel of feed each day. In the winter, I gave my hens alfalfa which made the egg record increase.

I have the Rose Comb Buff Orpingtons and don't think they can be beat for the all-the-year-round hen. My hens lay winter and summer alike and always want to begin setting early so I can have early chicks, thus getting a good price for early frites.

Lebo, Kan. Mrs. Myrtle Shirley.

Incubators and Brooders

My experience with incubators and brooders was very successful and gratifying last spring.

I set three incubators of a reliable make and hatched 265 chicks of the White Wyandotte variety. These were fine little fluffy fellows that soon responded to the feedings of sour milk and hard boiled eggs. Later they responded to the chick feed of a well known brand which I added for a couple of weeks, and then with the addition of kafir I finished them to the broiler weight.

The chicks were well housed, and with a coal oil hover they made wonderful growth. From the 265 I raised 230 fowls. When they were 10 weeks old I marketed 100 of the cockerels as broilers at 33 cents a pound. The remainder I continued to feed and enjoyed frites at an early date.

In the fall we decided to leave the farm and in September we held a public sale and sold the pullets for which I received \$1.25 each, my entire flock going to one person, except six which I sold before the sale and of which I have kept track in regard to their record for eggs. Two of these began to lay October 4 and by Christmas four of the six were laying.

Newton, Kan. Mrs. A. Stout.

You Can Raise Chickens
With Profit and Ease
BY USING

SURE HATCH INCUBATORS & BROODERS

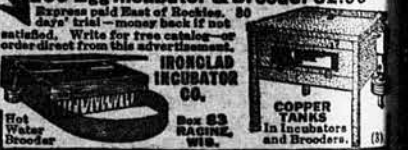
Many farmers are making more clear money and getting it quicker from poultry than any other farm product. Because of the nice profit and quick returns the poultry trade is expanding rapidly.



Popular Sizes: 100, 150, 200 and 300-Egg
Big oil tank on large sizes. Easy to operate. No experience necessary. Complete instructions with each machine. Thousands of Sure Hatch go into new hands every year, and old customers buy additional machines.
Sure Hatch Fresh Air Colony Brooders raise them all. The chicks you raise are the ones that bring in the money. Coal and oil-burning brooders. Eastern and Southern trade promptly supplied from Chicago, Ill.
Low Prices and Strong Guarantee
Send for Our Free Catalog
SURE HATCH INCUBATOR CO.
Box 14 Fremont, Neb.

You Take No Risk
With 30 Days Trial \$13.85
An EXPRESS PREPAID

Think of it! 140 Egg Incubator, made of California Redwood covered with galvanized iron, double walls, dead air space, hot water heat, copper tank and boiler, complete, set up ready to run, only \$18.85.
140 Egg Incubator & Brooder 19.75
250 Egg Incubator, only 23.50
250 Egg Incubator & Brooder 32.90



HENS LAY MORE IN LICE PROOF NESTS

Extra Winter Eggs
Pay For Nests



Beise's Poultry Drinking Fountain

Won't Spill—Keeps Warm
Fills like a pail and so made as to prevent spilling when carried and laid down for use. Larger sizes when filled with warm water in morning will keep it warm all day in cold weather.
3 qt. size (for chicks and small flocks) \$4.00
5 gallon size (large enough for 50 hens) \$12.00
8 gallon size (large enough for 75 hens) \$16.00
4 gallon size (large enough for 100 hens) \$18.00
All Beise's Fountains, except 3 quart size, are equipped with guard which falls forward and prevents crowding of small chicks.
If you cannot get Beise fountains from your dealer write to us. We will deliver direct to you by parcel post prepaid at above prices.
Satisfaction guaranteed or money refunded.
BEISE MANUFACTURING COMPANY
Pine Island, Minn.

140 Egg Incubator \$13.85 30 Days Trial

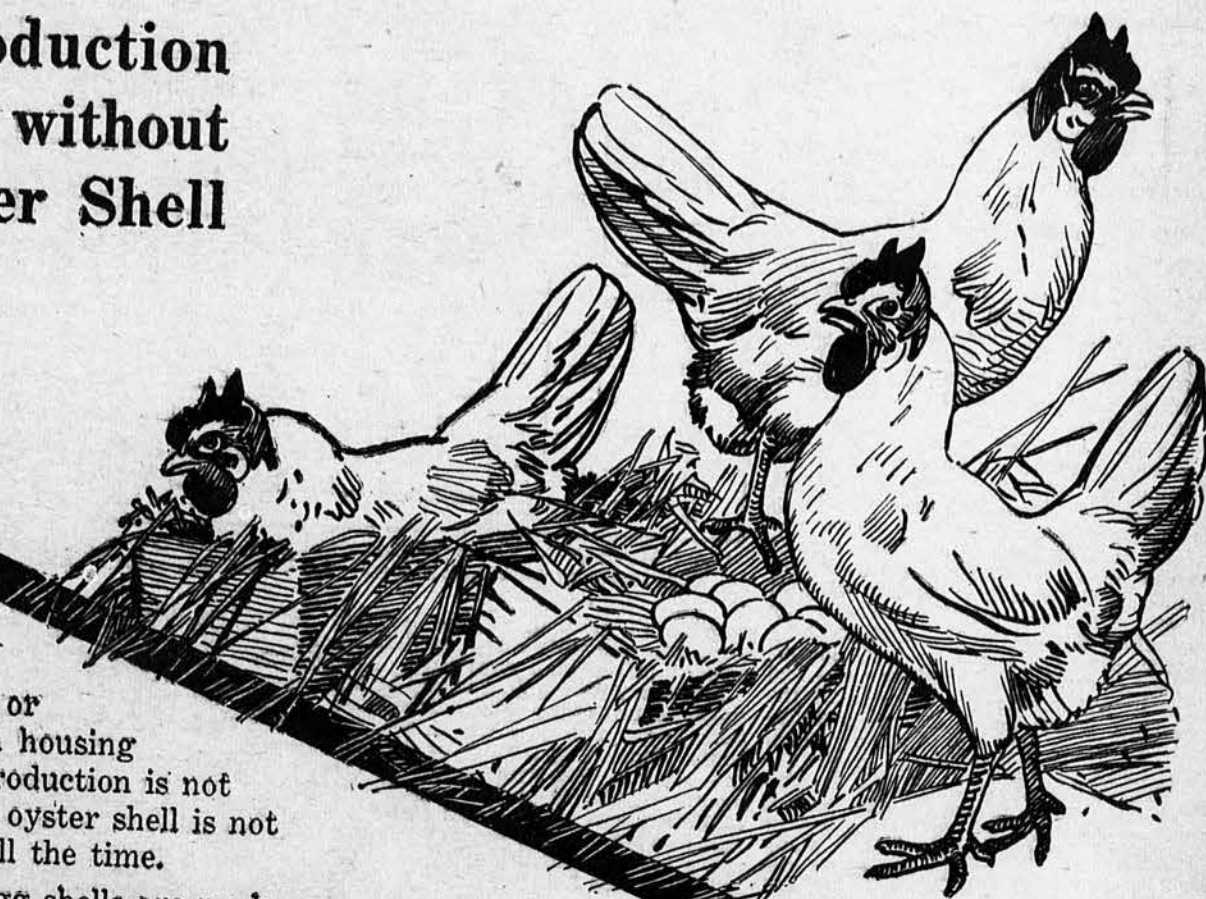
Freight Paid east of the Rockies. Hot water copper tank—double walls—dead air space—double glass doors—a real bargain at \$13.85.
Shipped complete, set up ready to use.
140 Egg Incubator and Brooder - \$17.00
180 Egg Incubator Alone - 15.00
180 Egg Incubator and Brooder - 22.00
250 Egg Incubator Alone - 22.00
250 Egg Incubator and Brooder - 31.00
Made of California Redwood. Positively the best on the market. Order direct from this ad. 30 days money back if not pleased. If not ready to order, don't buy until you get our 1924 catalog which shows larger sizes up to 1000 eggs.
WISCONSIN INCUBATOR CO. Dept. 138 Racine, Wis.

NEW KIND OF HATCHER

FREE Poultry Recipe
Round gives big poultry profits with least trouble, expense. Round like hen's nest, no cold corners, 16 big improved almost self-operating, 8 minute easy feed timer, \$2.00, oil to hatch. Prices down. Poultry recipe. Get catalog, also list and names of dealers.
Write for free catalog and recipe to: **W. B. STOUT**, Newton, Kan.

IT CAN NOT BE DONE!

High egg production
can not be had without
Crushed Oyster Shell



NO matter what food formula you follow, or how careful you are in housing your fowls, large egg production is not possible if pure crushed oyster shell is not kept before your hens all the time.

The reason is simple—egg shells are made of calcium carbonate. It must always be remembered that oyster shell is not a grit; but a food.

Good food and pure water generously given will force more eggs, provided the elements to make the shell are also given. Otherwise the food goes into fat and a low egg production is had.

Pilot Brand Oyster Shell-Flake is the best and cheapest means of getting calcium carbonate to hens because it is over 98% calcium carbonate and is easily assimilated by fowl. The cost is but the price of one egg per year per hen.

Pilot Brand Oyster Shell-

Flake for poultry is pure oyster shell properly crushed and screened, containing no grit—no dirt—no clam shells. Pilot Brand is always packed in new 100-lb. 12-oz. bur-lap bags.

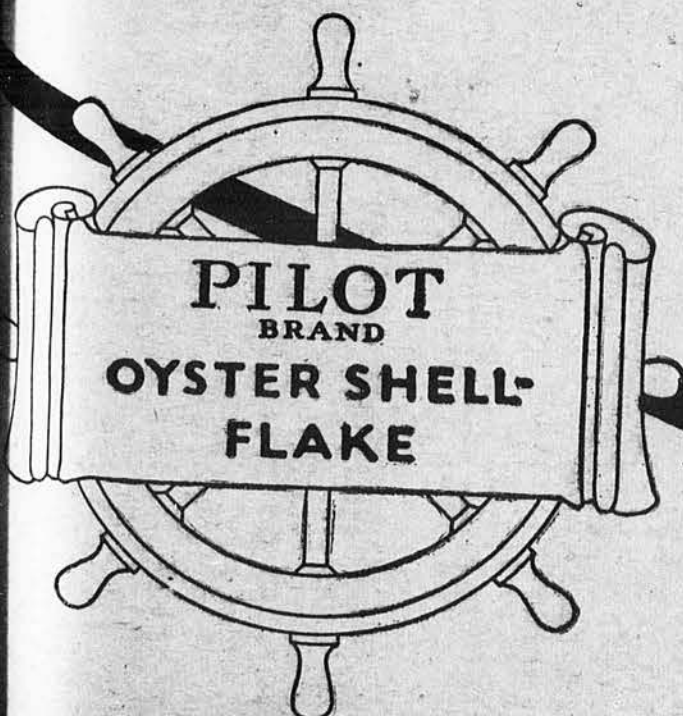
Even well bred stock fed on a well-balanced ration and pure water; given plenty of exercise and good housing will not give a profitable result without crushed oyster shell.

To be sure of pure crushed oyster shell, ask for Pilot Brand. It may cost a trifle more than others, but there is no dirt, no clam shells and hence no waste in Pilot Brand, consequently it is always cheaper.

If your dealer doesn't carry Pilot Brand send us his name and we will see that you are promptly supplied.

Oyster Shell Products Corp.

Sales Offices: Security Bldg., St. Louis, Mo.



FOR POULTRY

COLD and chilly weather prevailed thruout the state last week and zero temperatures were reported from many sections for the first half of the week. The snow blanket that covered practically all of the state except the southwest quarter remained on the ground until the middle of the week when it began to melt and leave the ground exposed. Alternate days of freezing and thawing followed then which continued thru the present week. The repeated freezing and thawing of the ground has caused some heaving of the soil that may result in some injury to fall sown crops.

Wheat Shows Little Change

Wheat has changed but little. The snow served to protect it from the severely cold weather in most sections and it is not believed to have suffered material damage this week, tho it is too soon to ascertain this fact definitely. The crop is dormant and in many parts frozen to the ground or brown, hence is furnishing very little pasture at the present time. With the possible exception of late sown wheat, the crop seems to have retained its vitality.

While the cold weather prevented much farm work this week, except the usual winter chores, corn husking is practically finished, except the western third, where from 20 to 30 per cent of it remains to be done. Reports from many sections seem to indicate that in the spring a scarcity of good seed corn may develop. The rainy weather during the fall kept the corn from drying out and properly maturing before freezing weather came and many farmers fear that much of the late corn will not germinate satisfactorily and if used for planting will result in poor stands of that crop.

Threshing grain sorghums is also about finished in the eastern half of the state and from 70 to 90 per cent finished in the western half. Many farmers are taking advantage of the cold weather to put up ice. This will add to the comforts of the farm home and will insure the quality of the farm milk, butter and eggs that can be kept cool in the family ice box next summer.

Farmers to Study Market Demands

Farmers are beginning to wonder what the market situation on farm products will be for the year and how they should plan to meet it. The Government is undertaking the development of Oriental markets for American wheat that may help to create a better demand and higher prices next year, but this is an undertaking that requires much time and patience. At present ordinary No. 2 hard wheat at Kansas City is selling 5 to 6 cents under the price paid a year ago while choice No. 2 hard wheat is selling at about the same price as it did a year ago.

As an average of the past 31 years on the Kansas City market the spread in price between No. 2 best yellow hard and No. 2 choice dark hard has widened from 12.8 cents a bushel in January to 17 cents in April and 18.6 cents in May. The first wheat is of export class; the second is high grade milling wheat. As an average of 31 years the spread from September to May has been only 9.4 cents a bushel in the case of the first wheat. This would scarcely pay the cost of carrying the wheat and might easily show a loss. In the case of the second wheat, the spread has been between 15.7 cents—enough to show a profit on the average.

According to recent Government reports the acreage sown to fall wheat and rye in Europe seems to be about the same as last year except in Belgium, Poland, Czechoslovakia and a portion of Rumania which show small increases. If the season should be favorable in Europe it seems that but little hope for additional demands for our farm products can be expected from that source.

Under such conditions it seems that in the future farmers will have to curtail their acreages and productions to correspond with the prospective demand and at the same time make an effort to reduce production costs and marketing costs. The latter they are attempting to work out thru co-operative marketing associations, but the former factor is somewhat difficult to control.

Not much reduction in the cost of farm machinery and equipment seems

Farmers to Cut Crop Costs

Labor and Equipment Prices Show Upward Trend and Cannot be Reduced at Present

BY JOHN W. WILKINSON

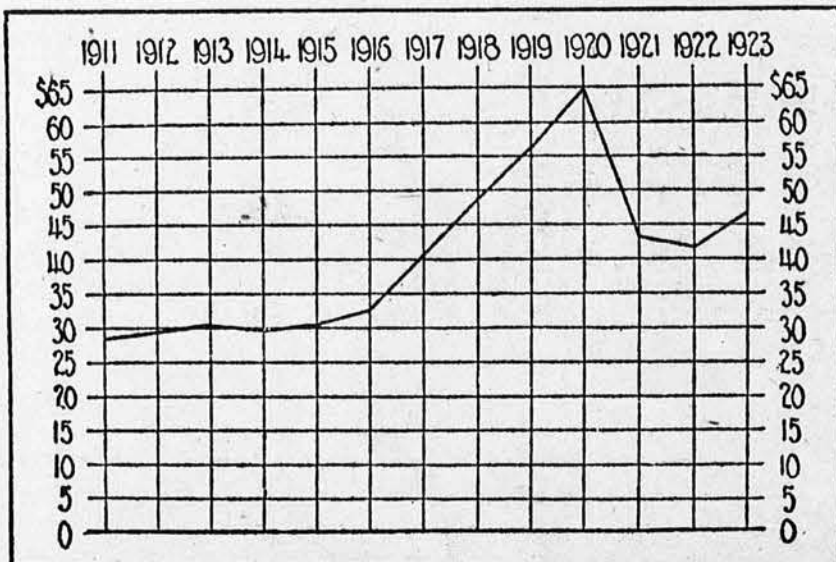


Chart Showing the Average Wages Paid for Farm Labor from 1911 Thru 1923 Based on Estimates Made by the U. S. Department of Agriculture

possible at present. Farm laborers are scarce and their wages are tending upward rather than downward.

Farmers were required to pay higher wages to male farm labor during 1923 than in the two preceding years, the United States Department of Agriculture reports. The average rate by the month with board in 1923 was \$33.18, in 1922 it was \$29.17, and in 1921 the rate was \$21.05. The average monthly rate without board in 1923 was \$46.01, in 1922 it was \$41.79, and in 1921 the rate was \$29.88.

Day wages for harvest labor, with board averaged \$2.45 in 1923, as compared with \$2.20 in 1922 and \$1.55 in 1921. For farm labor other than at harvest time the rate by the day with board was \$1.93 in 1923, as compared with \$1.65 in 1922, and with \$1.13 in 1921.

The peak year in wages of farm labor in recent years was 1920, the Department points out. The deflation of general prices then began and farm wage rates continued to decline until the fall of 1922, when an upward trend developed.

One of the most serious problems

confronting business of all kinds is that of high costs. This condition, together with growing resistance to higher prices, is tending to narrow profits. The solution of the problem does not lie entirely in wage reductions, but also in increased productivity and greater efficiency. The European situation continues to drift from bad to worse. However, American business has shown it can prosper despite unhappy conditions abroad.

Favorable factors in the outlook as the year advances include the country's stupendous credit resources; improvement in general farm conditions; continued large employment; moderate inventories; gains in railroad earnings and efficiency; large building and automobile activities; and prospects for sweeping reductions in taxation. Moreover, business confidence has undergone vast improvement with the recent manifestation of the fundamental soundness of conditions. President Coolidge's message with its appealing note of constructive conservatism has been an important factor in strengthening the country's confidence.

Local conditions of crops, livestock,

farm work and rural markets are shown in the following county reports of the special correspondents of the Kansas Farmer and Mail and Breeze:

Atchison—Wheat seems to be in good condition in this county. Cattle are wintering well considering the cold weather. Farm labor is scarce and the demand good. Public sales are numerous, but prices are only fair. Rural market report: Wheat, \$1.10; corn, 70c; oats, 45c; potatoes, 75c; hogs, \$6.25; chickens, 18c; eggs, 30c; butter, 45c; cream, 38c; geese, 14c.—Frank Lewis.

Brown—Continued cold weather is hard on stock and on the feed pile. However, conditions in general are as good as could be expected. Hay sells high and seems scarce. Rural market report: Wheat, \$1.10; corn, 67c; oats, 50c; cream, 49c.—A. C. Dannenberg.

Butler—We have been having extremely cold weather. There is very little wheat large enough to pasture. Feed and hay are becoming scarce. Livestock is in a satisfactory condition. Hogs are too cheap to encourage farmers to produce them. There are a few public sales occasionally. Rural market report: Wheat, \$1.10; corn, 80c; oats, 50c; cream, 50c; eggs, 30c.—Aaron Thomas.

Elk—Genuine winter weather has prevailed here since the first of the year. Winter wheat seems to be holding its own despite the prolonged zero weather. Very little winter plowing has been done. Livestock is wintering well. Very few drilling rigs are at work because of frozen water pipes.—D. W. Lockhart.

Gove and Sheridan—The weather is cold and changeable and there are about 3 inches of snow on the ground. The wheat which has escaped the fly seems to be all right. Livestock is in excellent condition considering the weather. There is plenty of feed. Corn husking, shelling and threshing are still in slow progress. Some ice is being harvested. Skating and rabbit hunting are the amusements of the day. Hens that are well cared for are laying well. There are a few public sales being held. Rural market report: Eggs, 33c; wheat, 80c; hogs, 15c; corn, 56c to 63c; cane, milo, kafir and millet 90c to \$1 a cwt.—John I. Aldrich.

Greenwood—The weather has been very cold here. A light snow fell on January 12 which will soon be gone. Corn is being shipped in and sold at 75 cents a bushel. There is a good demand for it. There is a large amount of farm land for rent. They are asking two-fifths of crops for it on upland and one-half on bottom land. The wheat doesn't look very promising now. Rural market report: Wheat, \$1.10; corn, 50c; butter, 35c; bran, \$1.50; shorts, \$2.—A. H. Brothers.

Hamilton—Very little snow has fallen here since the first of the year. The ground is frozen very deep and the roads are unusually good. All kinds of stock are doing well and suffering very little loss. Rural market report: Wheat, 90c; corn, 50c; butter, 40c; cream, 47c; eggs, 35c.—W. H. Brown.

Harvey—Snow which fell the night of January 16 was some protection to fall wheat during zero weather. Livestock is in splendid condition. Rabbits are plentiful but there is no demand for shipment. Rural market report: Wheat, 92c; corn, 52c; oats, 50c; hogs over 4 pounds, 12c to 15c; eggs, 30c; butter, 45c.—H. W. Prouty.

Linn—Our second snow which was 2 inches is about gone. We have had much damp, cloudy weather this winter. Livestock is wintering well, but little is being fed for market. A hard surfaced road has been started, from Fort Scott thru the eastern part of Linn county. Seed corn will be scarce. Many farmers are butchering hogs now and laying in a supply of meat. Rural market report: Prairie hay, \$10; corn, 65c; oats, 50c; flour, \$1.65; eggs, 34c; butter, 35c.—J. W. Clinesmith.

Marion—We have had a large amount of cold weather, but the last week has been quite fair. Farmers are cutting wood. Horses are still being pastured on wheat and corn stalks. Farm labor is plentiful. Some work for wages as low as \$1 a day. Some grain is being hauled to market.—G. H. Dyck.

Nemaha—We are having severe winter weather. Nearly every night the past three weeks has registered zero or below by sundown. The farmers' main job now is keeping livestock comfortable. Rural market report: Corn, 48c; wheat, 90c; cream, 47c; eggs, 33c; hogs, \$6.50; bran, \$1.50; flour, \$1.75.—A. M. Cole.

Osage—Public sales are held here occasionally. Livestock is selling better now than two months ago. Small farms sell quicker than large ones and many are planning to go stronger into poultry next year. The hatcheries here have started their incubators.—H. L. Ferris.

Phillips—The weather has moderated and appears settled for the present to the general satisfaction of all farmers. Every available ice-house has been filled with a good quality of ice. Some corn is still in the field. The spring season of public sales has opened with a good advance in prices on horses. Many farmers will have to buy work horses in the spring. No dealers have been reported among livestock. Rural market report: Hogs, \$6.20; corn, 60c; wheat, 90c; barley, 48c; butter, 45c; eggs, 30c; cream, 48c; good hens, 16c.—W. L. Churchill.

Rawlins—January 16 we had a nice 2-inch coat of snow, and the mercury dropped to 16 degrees below zero. We have been having some hard freezing weather. There is some wheat winter-killed, but how much cannot be estimated at present. Livestock in general is doing well, as feed is plentiful. Farmers are busy shelling and marketing corn. Rural market report: Corn, 55c; wheat, 70c to 90c; barley, 45c; hogs, \$6.25.—J. S. Skolout.

Rush—The weather continues cold and blustery. Farmers are kept busy doing chores. Most of the livestock is in splendid condition. Some stock that didn't have wheat pasture is rather thin. Hogs are being sold. Not many will be kept for breeding purposes. Hens are not laying well because of the cold weather. Rural market report: Wheat, 95c; corn, 60c; butterfat, 47c; hogs, 16c; turkeys, 16c to 22c; eggs, 32c.—R. G. Mills.

Scott—Threshing of cane, kafir and milo is almost half finished. Some yields of bushels of kafir were reported. Some farmers are holding good quality seed wheat for spring sale. Some out of town buyers purchased shell corn which caused a 4-cent increase in price. Two carloads of high grade dairy cattle were shipped in by local market and sold at good prices. Chickens feel the cold. (Continued on Page 40)



Digging for Pirate Gold

FARMERS' CLASSIFIED ADVERTISING

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

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Words	One time	Four times	Words	One time	Four times
1	\$1.00	\$3.20	26	\$2.60	\$8.32
2	1.10	3.52	27	2.70	8.64
3	1.20	3.84	28	2.80	8.96
4	1.30	4.16	29	2.90	9.28
5	1.40	4.48	30	3.00	9.60
6	1.50	4.80	31	3.10	9.92
7	1.60	5.12	32	3.20	10.24
8	1.70	5.44	33	3.30	10.56
9	1.80	5.76	34	3.40	10.88
10	1.90	6.08	35	3.50	11.20
11	2.00	6.40	36	3.60	11.52
12	2.10	6.72	37	3.70	11.84
13	2.20	7.04	38	3.80	12.16
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15	2.40	7.68	40	4.00	12.80
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We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

Special Notice

All advertising copy must be received at the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

GOOD COMMISSION, BIG BUSINESS. GIVE reference. Box 15, Ebon, Kan.
CUMMAGE SALES MAKE \$50.00 DAILY. We start you. Representatives wanted everywhere. Wholesale Distributors, Dept. 11, 609 Division Street, Chicago.
WE PAY \$200 MONTHLY SALARY, FURNISH car and expenses to introduce our guaranteed poultry and stock powders. Big Company, X671, Springfield, Ill.

MALE HELP WANTED

WANTING FOREST RANGER, RAILWAY Mail Clerk and other government positions write for particulars. Mokane, 21, Denver, Colo.
WANTING 18-40, WANTING RAILWAY Station office positions \$115-\$250 month. Free transportation, experience unnecessary. Write Baker, Supt. 83, Wainwright, St. Louis.

SERVICES OFFERED

SEWING, ALL KINDS, HEMSTITCHING. First class work, prompt service. Mrs. M. Mercer, 800 Topeka Blvd., Topeka, Kan.

PATENT ATTORNEYS

PATENTS, BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, 644 N. W. Washington, D. C.
MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted! Patent agents—tell how to protect yourself, how to invent, ideas wanted, how we help you sell. American Industries, Inc., 402 Kresge Bldg., Washington, D. C.
PATENTS PROCURED. SEND SKETCH for model today for examination, prompt report and advice. No charge for preliminary advice. Write for free booklet and blank form on which to disclose your idea. Highest references. Promptness assured. Lawrence A. O'Brien, Registered Patent Lawyer, 1501 Security Bank Building, directly across the street from Patent office, Washington, D. C.

BUSINESS OPPORTUNITIES

WANTED: FARMER WHO IS NOW AND has been farming past years, to farm 100 acres river bottom, right near Topeka. We furnish teams, implements, seed, house, garden, cow, chickens, bred sows, 30 acres alfalfa, balance land for corn, wheat, etc., and give 1/4 of everything. Reference required. 309 Columbian Bldg., Topeka, Kan.
THE RAPID GROWTH OF THE CAPPER Publications has made it necessary to add large number of salesmen and saleswomen. Our subscription department immediately. Choice positions open throughout the Central Western states for reliable people who are position to do house to house soliciting. Full particulars write The Capper Publications, Desk 300, Topeka, Kan.
WANT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 best agricultural states in the Union by advertising in The Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every one of the great Mid-West, and will bring you the mighty good results. This does not mean real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five issues. Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

EDUCATIONAL

WEEKLY, SPARE TIME, WRITING for newspapers, magazines. Experience unnecessary, details free. Press Syndicate, 547, St. Louis, Mo.
MEN, WOMEN, BOYS, GIRLS, 17 to 21, willing to accept Government position, \$117-\$250, traveling or stationary. Mr. Osmont, 167, St. Louis, Mo., immediately.
A BUSINESS COLLEGE COURSE AT home. Prepare to earn \$1200 to \$2500 monthly. Graduates placed in good positions. Free. Brown's Home Study School.

MACHINERY FOR SALE OR TRADE

3 BOTTOM P&O PLOW, GOOD AS NEW, \$100. A. T. Hartwick, Mound City, Kan.
FOR SALE: TWO NEW TWIN CITY TRACTORS. Good reason for selling. Will sell at a bargain. People's Supply Co., Box 591, Eldorado, Kan.
FOR SALE: 30-60 OIL PULL TRACTOR in good shape, run about ninety days; sold at a bargain if taken soon. Fred Frantz, Durham, Kan.
FOR SALE CASE 15-27 TRACTOR, JOHN Deere tractor plows, disc harrows, listers, cultivators, gang plows, grain drills, new machinery. Priced right. Vanderwilt & Son, Solomon, Kan.

MACHINERY WANTED

WANTED: LARGE TRACTOR-RADIATOR, Rumeys preferred. Claude L. Kerr, Ingalls, Kan.

MOTOR SUPPLIES

A. V. S. MOTOR AND TRACTOR OILS will save you money. A. V. Small, Augusta, Kan.

KODAK FINISHING

MAIL US YOUR FILMS AND GET NICE album free. The Frasier Studio, 11 East Wall St., Ft. Scott, Kan.
FILM ROLLS DEVELOPED FREE. TRIAL order. Send 25c for 6 beautiful Glossitone prints or reprints. Fast service. Day Night Studio, Sedalia, Mo.

TYPEWRITERS

TYPEWRITERS SOLD ON PAYMENTS. Free trial. Payne Company, Rosedale, Kan.
TYPEWRITERS. TRIAL: PAYMENTS; guaranteed. Write Yots Typewriter Co., Shawnee, Kan.

OLD COINS AND STAMPS

OLD MONEY WANTED. DO YOU KNOW that Coin Collectors pay up to \$100 for certain U. S. Coins? And high premiums for all rare coins? We buy all kinds. Send 4c for large Coin Circular. May mean much profit to you. Numismatic Bank, Dept. M, Fort Worth, Texas.

HONEY FOR SALE

WHITE EXTRACT HONEY: 60 LBS. \$7; 120, \$13. T. C. Veirs, Olathe, Colo.
FANCY EXTRACTED HONEY. ONE 60-pound can \$7.50; two \$14.50; 6 five pound pails \$4.40, here. Nelson Overbaugh, Frankfort, Kan.
THE BEST HONEY. VERY FINEST QUALITY, light color; 5-pound can, postpaid, \$1.45. C. O. D. if desired. Satisfaction guaranteed. Colorado Honey Producers' Association, Denver, Colo.

FOR THE TABLE

PINTO BEANS—\$5.50 PER CWT. W. A. Hooper Stratton, Colo.
RECLEANED COLORADO WHITE BEANS, \$5.75 per hundred. Haynes & Snyder, Vona, Colo.

TOBACCO

TOBACCO—FINE YELLOW MAMMOTH chewing, 10 lbs., \$3. Smoking, 10 lbs., \$2; 20 lbs., \$3.75. Farmers' Club, Mayfield, Ky.
NATURAL LEAF TOBACCO. CHEWING 5 lbs., \$1.75; 10 lbs., \$3. Smoking 5 lbs., \$1.25; 10 lbs., \$2. United Farmers, Mayfield, Ky.
TOBACCO—FINE MELLOW MAMMOTH chewing, 10 pounds \$3; smoking, 10 pounds \$2; 20 pounds \$3.75. Farmers' Club, Mayfield, Ky.
HOMESPUN TOBACCO. CHEWING 5 LBS. \$1.75; ten \$3. Smoking, 5 lbs \$1.25; ten \$2. Pay when received. Pipe and recipe free. Farmers' Union, Paducah, Ky.
HOMESPUN TOBACCO: CHOICE CHEWING 35c pound; medium, 30c. Choice smoking, 25c; mild, 20c. Kentucky Burley smoking, 40c pound. Pipe free. Send no money. F. Gupton, Cunningham, Ky.
HOMESPUN TOBACCO, FIVE POUNDS chewing, \$1.75; ten, \$3; twenty, \$5.25. Smoking, five pounds, \$1.25; ten, \$2; twenty, \$3.50. Pipe and recipe free. Send no money. Pay when received. Kentucky Tobacco Company, Paducah, Ky.
TOBACCO—NATURAL LEAF, 3 YEARS old. Chewing, 10 pounds \$3. Smoking, first grade \$2.50; second grade \$1.50; third grade \$1. Pay for tobacco and postage when received. Pipe free. Roberts & Williams, Havesville, Kentucky.
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TO PROVE THAT OUR TOBACCO IS BETTER than any other you can buy, we will sell 3-pound package of mild smoking (value \$1.25) prepaid by mail for only \$1.00 or C. O. D. \$1.15 and give you a \$1.00 Wellington French Briar pipe free. Satisfaction guaranteed or money refunded. Kentucky Tobacco Co., Dept. 57, Owensboro, Ky.

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PURE KANOTA OATS, \$1.00 BUSHEL. R. D. Wyckoff, Luray, Kan.
CERTIFIED KANOTA OATS \$1 BUSHEL. L. C. Swihart, Lovell, Kan.
FOR SALE: SUDAN SEED, GOOD QUALITY. C. H. Curtis, Friend, Kan.
TEN PACKETS GARDEN SEEDS POSTPAID, 35c. Harry Cure, Atchison, Kan.
SWEET CLOVER WANTED. ANY QUANTITY. Cash before shipping. Box 42,

SEEDS—PLANTS—NURSERY STOCK

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CERTIFIED KANOTA OATS, GERMINATION 97%, sacked \$1 per bushel. Charles Wacek, Irving, Kan.
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KANOTA OATS—REID'S YELLOW DENT. Pride of Saline. Special prices. Harry Haynes, Grantville, Kan.
KANOTA OATS, STATE INSPECTED, 75 cents at bin, \$1.00 sacked, F. O. B. Vernon D. Nichols, Mankato, Kan.
KANOTA OATS, STATE INSPECTED. Germination 97%. Recleaned \$1. A. P. Haebler, Clearwater, Kan.
KANOTA OATS, CERTIFIED, PURITY and germination. Prices on request. Frank Carlson, Concordia, Kan.
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SEEDS—PLANTS—NURSERY STOCK

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COYOTE DOGS AND PUPS FOR SALE. Mack Posey, Larned, Kan.

FOR SALE OR TRADE, COYOTE DOGS. R. C. Plummer, Moodyville, Kan.

WHITE PIT BULL PUPPIES NOW ready. Trill Kennels, Council Grove, Kan.
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COLLIES, BLACK AND BROWN ENGLISH Shepherd puppies. E. A. Ricketts, Kincaid, Kan.

FOR SALE: WHITE RAT TERRIER PUPS; 3 males and 3 females, \$4 each. Geo. Taylor, Oak Hill, Kan.

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BUY LUMBER, BUILDING MATERIAL and bale ties wholesale direct consumer. McKee-Fleming Lbr. & Material Co., Emporia, Kan.

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STRAYED NOTICE

TAKEN UP AT MY FARM SEVEN MILES east and one mile south of Garnett, Kansas, one red steer, weight about 750 pounds, about 2 years old. No special marks or brands. Charles Slagle, Garnett, Kan.

TAKEN UP BY D. C. BUTCHER OF Bethel, Kansas, on December 31, 1923, one black and white heifer with horns, left ear split, weight 600 pounds, value \$25. William Beggs, County Clerk, Kansas City, Kan.

TAKEN UP BY J. H. MCGINNIS OF FALL River, Greenwood County, Kan., November 7, 1923, one red Jersey steer calf, age about 22 months, weight about 400 pounds, value \$15.00. W. M. Graham, Justice of the Peace, Fall River, Kan.

POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

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BLUE ANDALUSIAN EGGS, CERTIFIED stock, \$1.50-15; \$8-100. Chas. C. Miller, White City, Kan.

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LIGHT BRAHMA COCKERELS, \$2.50 each. Albert Appel, Bushton, Kan.

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EGGS FROM HENS AND PULLETS THAT have been laying all winter, mated to good cockerels, \$1.25 per setting, \$6.50 per 100. Insured and post paid. Satisfaction guaranteed. Shem Yoder, Woder, Kan.

BANTAMS

GOLDEN SEABRIGHT BANTAMS CHEAP. G. D. Williams, Inman, Kan.

GOLDEN SEABRIGHT BANTAMS, \$1.00 each. Garel Grunder, Byers, Kan.

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JERSEY BLACK GIANTS. SUPER FARM fowl. Size, pep, layers. For eggs write Mrs. S. A. Bassett, Homewood, Kan.

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BUTTERCUPS, COCKS AND PULLETS, \$2 each. Ben Mog, Colwich, Kan.

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CHICKS, SELECTED STOCK, 7c AND UP. Warren's Chickery, Mankato, Kan.

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CHICKS—THIRTEEN BREEDS. PRICE list free. Hamilton's Hatchery, Garnett, Kan.

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PERFECT QUALITY BABY CHICKS: 12,000 weekly, from pure bred, heavy producing, free range flocks. Barron strain English White, Single Comb Buff and Brown Leghorns; Barred, Buff and White Rocks; White Wyandottes; Rose and Single Comb Reds; Rose Comb Rhode Island Whites, Buff Orpingtons and Anconas. Low prices. Shipped by parcel post. 100% live delivery guaranteed. Catalog free. Johnson's Hatchery, 109A Buchanan Street, Topeka, Kan.

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TOULOUSE GEES, \$6.00 PAIR; \$7.50 trio. Jake Hess, Eldorado, Kan.

WHITE MUSCOVY DUCKS. CHINESE Geese. Mrs. John Maine, Lebo, Kan.

GEES, DUCKS. LEADING VARIETIES. Free circular. John Hass, Bettendorf, Ia.

TOULOUSE GEES; GANDERS AND hens, \$3.00 each. Chas. Standley, Lucas, Kan.

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BIG POULTRY CATALOGUE 4 CENTS. All varieties healthy northern raised stock. Eggs, baby chicks. Farmer's prices. Janesville Poultry Farm, Janesville, Minn.

CHICKENS, DUCKS, GEESSE AND GUIN- eas. Leading varieties. Breeding stock. Low prices. Satisfaction guaranteed. Catalog free. Becker Poultry Co., Ackley, Ia.

POULTRY PRODUCTS WANTED

CAPONS, TURKEYS, OTHER POULTRY wanted. Coops loaned free. The Copes, Topeka.

SHIP YOUR POULTRY TO THE WITCHEY & Company, Topeka, for highest market. Reference this paper.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

TURKEYS! TURKEYS! FARMERS HAVING turkeys for sale should get in touch with the Topeka Packing Company, Topeka, Kansas. Present paying prices for No. 1 turkeys 20 to 22c per pound delivered Topeka. Reference this paper.

POULTRY SUPPLIES

FOUR RELIABLE HOT WATER INCUBA- tors; 1,100 capacity, used one season, \$150 each at hatchery. Peabody Hatchery, Peabody, Kan.

Reds on Galloway Ranch

Rhode Island Reds have invaded the sanctum of Galloways on Riverside Stock Farm in Ellis county. Lee Waggoner, of E. M. Waggoner & Sons, who operate the ranch, decided that single cropping with Galloways was about as bad as any other form of single cropping. It was all right as long as prices for calves were up, but the returns have been disappointing during recent years.

More than a year ago he went into the chicken business and last spring produced 900 Rose Combed Rhode Island Reds. He is reserving 250 pullets this winter to earn returns on a new poultry house and to provide a steady income besides. The rest of the chickens were sold as broilers and fryers. During the spring and summer he marketed more than \$500 worth of meat birds. Lee says that the Reds have made the family living since they came to the place and he intends to stand by them.

Aid in Fighting Gophers

Full information concerning trapping and poisoning pocket gophers, or other destructive animals, may be obtained free from the Department of Zoology, Kansas State Agricultural College, Manhattan, Kan.

Do You Want to Make a Dollar?

If so, just get three people to take the Kansas Farmer and Mail and Breeze a year, collect \$1 of each one and send us the names and addresses, with \$2 to the Kansas Farmer and Mail and Breeze, Topeka, Kan.

In one New York county, a survey showed the farmers who had a high school education made \$304 a year more than those who had been only to district schools. Schooling does seem to pay.

**For Real Estate Advertising
on This Page
50c a line per issue**

I HAVE some money to loan on Kansas
W. H. Eastman, 209 Columbian Bldg., Topeka

HORSES AND JACKS

PURE BRED HORSE SALE

Annual Event by
Nebraska Pure Bred Horse
Breeders' Association
Will be held in
Grand Island, Nebr., Feb. 13-14



80 HEAD, consisting of Young Stallions, Brood Mares, Yearling and Weanling Colts, Percherons, Belgians and Shires entered. Catalogs on request only to

C. F. Way, Sec'y, Lincoln, Neb.
Col. P. M. Gross, Auctioneer,
Headquarters at Hotel Yancey

Trade, Mammoth Missouri Jack, Percheron Stallion
both 6 years old. Will trade for young cattle
and pay difference. Write for particulars.
W. A. HOUK, AMERICUS, KAN.

GREAT SHOW AND BREEDING JACKS
Colts to mature Jacks. Written guarantee.
Hinemann Jack Farm, Dighton, Kansas

HAMPSHIRE HOGS

Two Bred Sow Sales

Feb. 19—Cantril, Iowa
March 12—Sioux City, Iowa
Also 200 Registered Hampshire
bred sows and gilts, 30 boars
and 5 carloads stock pigs for
sale. For sale private treaty—
Sell one or carload. All im-
mune. Write for free catalogs and private sales lists.
WICKFIELD FARMS, CANTRIL, IOWA
F. F. Silver, Prop., Box No. 8

TYLER'S TIPTON BRED HAMPSHIRE
We are offering a few choice
tried sows and the smoothest
bunch of gilts we have ever
raised; also some choice boars.
Send for free catalogue.
A. N. Tyler & Son,
Route 2, Reading, Kan.

Whiteway Hampshire Sale

Frankfort, Saturday, March 8
Every gilt sired by a grand champion boar and bred
to junior champion boars. For the catalog address
F. B. WEMPE, FRANKFORT, KAN.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer

219 Beacon Bldg., Wichita, Kan.
Jas. T. McCulloch
Livestock Auctioneer
Clay Center, Kansas

AYRSHIRE CATTLE

BULL CALVES

1 to 6 years old, \$50; mostly from dams with
good official records. Females: 1 or a car-
load at moderate prices.

DAVID G. PAGE,
Fairfield Farm, Topeka, Kansas

Cummins Ayrshires

Females all sold. Some choice bulls 4 to 9
mos. old. R. W. CUMMINS, PRESCOTT, KS.

SIGNS OF IMPROVING BUSINESS

In the Duroc Jersey hog sale of
C. W. O'Connor, Wellsville, Kan.,
November 19, Durocs sold as fol-
lows: 19 spring gilts at \$21.10;
20 spring boars at \$27.60. There
were more bidders than could be
supplied from the offering.

Marketing Milk in Kansas

The Kansas Agricultural College
has just issued Bulletin No. 230, Mar-
keting Milk in Six Cities of Kansas—
these being Wichita, Topeka, Salina,
Emporia, Dodge City and Concordia.
It tells the methods used, and what
the producers can do to get higher
prices. A copy may be obtained free
on application to the Kansas State Ag-
ricultural College, Manhattan, Kan.

If all the top soil washed from the
farms of America each year were put
in one pile it would cover the state
of Arkansas to a depth of 8 inches and
would certainly make quite an im-
pression on Kansas.

Just for Today

We were talking about farming in
France one evening during my young
brother's holiday visit. My mother
said something about the wheat pros-
pects and referred to France and the
condition her fields must have been in
—if she had any—after the war. My
brother said they had fields all right,
but we would "think it was funny
farming" if we were in France.

The farmers all live in little vil-
lages, and go out to their fields each
day. There are only old men and
women and children to do the work.
Their old, antiquated system of labor
is what seems so strange—being hand
or one-horse power in most instances.
Even the threshing is done in this way
with one horse, perhaps, furnishing all
of the power for the machine. Women
work at it together with the men, or
man, of the village, the grain having
been brought to the place for storing
previous to the threshing.

At butchering time, the animal is
brought to the town watering trough,
killed and singed over a big fire. They
never scald, but save the water for
washing off and out, done also in the
town watering trough. The weekly
washing is done in the same trough.
But strangest of all is their seeming
unconcern and almost happy attitude.
It is a "bon jour" with them every
day.

I am not trying to picture the place
or the people. I know I can't do
justice to these frugal, uncomplaining
people, and besides, it has been told
in much more complete and exact de-
tail by many before this, but I am just
wondering if we were farming in
France, if we would not wish we were
back in America with our "problems"
and their by-products, if we wouldn't
long again for the threshers to come
and "thresh things out" for us.

I am wondering what my mother
would think if she had to take her
washing out and wait her turn at the
town trough, and how our men would
"enjoy" the public's inspection of how
well singed their hogs were, and if,
like Saint Paul, and these people in
France, seemingly, we would learn to
say that "in any state I am, therewith
to be content."

Isabel Gray.

Uniform Labels for Kansas

The State Board of Agriculture has,
according to J. C. Mohler, secretary,
authorized the use in Kansas of the
uniform labels adopted by the Asso-
ciation of Feed Control Officials of
the United States at their last meet-
ing in Washington. While there were
some objections to the form of label
as adopted, the board felt, so Mr. Moh-
ler says, that it was of more impor-
tance to have uniformity in labels than
to comply with technicalities, there-
fore the use of the uniform style of
labels was authorized. Anyone desir-
ing copies of the new form of labels
can obtain them by writing to the Con-
trol Division of the Kansas State
Board of Agriculture, Topeka, Kan.

New Farm Equipment Book

To meet the demand for informa-
tion on farm machinery and equip-
ment to be used—with mechanical
power, Frank N. G. Kranich has pre-
pared a book entitled "Farm Equip-
ment for Mechanical Power" which is
the very latest thing in its line.

The book takes up in a very clear
and concise manner, all of the latest
developments in farm power equip-
ment and several chapters are devoted
to shop and repair work.

Mr. Kranich, thru his years of con-
tact with farm power equipment as a
representative of the Hyatt Roller
Bearing Company, is well equipped to
write just such a book as this. It is
published by the Macmillan Company
of New York, and the price is \$2.75.

More Cars and Trucks Now

The United States Department of
Agriculture recently discovered that
923 farmers in every 1,371 owned 1,000
automobiles and motor trucks.

It was shown furthermore that
nine-tenths of these cars were farm
business cars. Two-thirds were of the
low-priced type and most of them were
several years old. About one-fourth of
the number were motor trucks while
the fancy roadsters, coupes and sed-
ans composed less than 10 per cent
of the total.

A few narrow-minded individuals
still are howling that the farmer is

Lakeside Farm Shorthorns

Sale at the Farm On Golden Belt Highway and Interurban Rail-
way, Six Miles West of

Manhattan, Kan., Thursday, Feb. 14

Selling fourteen mature cows, four 4-year-olds, two 3-year-olds,
five 2-year-olds, five yearlings and eight heifer calves, eleven
young bulls. All are well bred Scotch Topped Shorthorns of good
families and are bred to the two excellently bred Scotch bulls,
Bapton Snowball No. 1041348 and Sultan of Stonehaven 1053434.
Most of the calves in this offering are sired by Bapton Snowball
No. 1041348. All have been tuberculin tested and no reactors
found and a ninety day retest will be allowed. Cattle are in good
thrifty breeding condition and are a good useful bunch of work-
ing cattle.

W. J. Weisner, Owner, Manhattan, Kansas
L. R. Brady, Manhattan, Kan. Vernon Noble, Manhattan, Kan., Auctioneer.

Polled Shorthorns
Poland Chinas

25 Shorthorns
25 bred sows

Sale in Pavilion,

Washington, Kan.,
Saturday, Feb. 16

8 young bulls from 9 to 14 months
old sired by our three year old herd
bull,

MILL CREEK SULTAN
also included in the sale. A nice
string of heifers by Mill Creek Sul-
tan and bred to Dauntless Captain
by Tulip's Lord.

Cows from 3 to 6 years old bred
to Mill Creek Sultan. Many of the
cows have calves at foot and every
cow that has raised a calf is broke
to milk. Are from good milking
strains. Everything T. B. tested and
sold with usual guarantee.

The 25 Sows and Gilts are either
sired by or bred to Big Victor, a son
of Mammoth Victor. Sale catalog
ready. Address,

A. C. Lobough & Son
Washington, Kansas
Auctioneer, Jas. T. McCulloch.
J. W. Johnson, Fieldman.

\$25.00 In Cash
Given Away FREE

Every farmer attending the Shorthorn
sale at Marion, Kan., Saturday, February
9, will be given free numbers. \$10.00
in cash will be given away at 1 o'clock,
when the sale will open; the balance dur-
ing the sale. All that is necessary for
you to do is to be at the ringside when
your number is called. If lucky, you
can get a part or all of the \$25.00 in
cash—Free.

Remember, we are selling 35 excellent
Scotch Cows and Heifers, 12 Calves, 5
Scotch Bulls, including one Imported
Herd Bull.

This is an unusually good lot of Short-
horns. They excel in both individual
merit and pedigrees.

The kind that are right in type, in
character and in pedigrees. They will
improve your herd, as they are sure good
ones. Some of them real dairy cows. Free
Illustrated Catalog mailed on request.

Owners:

A. J. Morris, Anadarko, Okla.

E. E. Alkire, Chickasha, Okla.

F. S. Kirk, Sales Manager,
Box 246, Wichita, Kansas

Amcoats Shorthorns

We offer a few very choice bulls from 12
to 15 months old, straight Scotch, nice
roans and real herd bull material.

S. B. AMCOATS, CLAY CENTER, KAN.

C. W. Taylor, Abilene, Kan.

offers a nice lot of young Shorthorn bulls
for sale, 6 to 15 months old, from his herd
and nearby herds. A nice lot of calf club
material. Address as above.

Reds, Whites and Roans

For sale: Shorthorn bulls from 8 to 12 months old.
M. H. ROBERTS, WESTMORELAND, KAN.

Well Grown, Serviceable Age Bulls
by Marshall Crown Scotch and Scotch Topped. From
best of families. C. H. WHITE, Burlington, Kan.

HEIFERS, COWS, BULLS—all ages. Scotch and
Scotch topped. Senior sire by Scotch Cumberland; Jr. sire
by Ashbourne Choice. Dams include Cruickshank Secrets,
Bates, Young Marys. Elmer Conrad, Rush Center, Kan.

SHORTHORNS
THE FARMER'S CATTLE

Shorthorn cows are profitable milkers and their
calves grow into steers that make rapid gains in
the feed lot and dress out a high percentage at
the market. For information write

American Shorthorn Breeders Assn.,
13 Dexter Park Avenue, Chicago, Illinois

Tomson Shorthorns

Over 200 head of select breeding in our
herds. Herd bulls for sale by our great
breeding bulls, Village Marshall or Mar-
shall's Crown. A large number of cows
and heifers offered at moderate prices.

TOMSON BROS.,
Wakarusa, Kan., or Dover, Kan.

POLLED SHORTHORNS

Polled Shorthorns

Representing some of the greatest blood
lines of the breed, and the greatest Beef,
Milk and Butter breed. Bulls 7 to 20 mo.
at \$60 to \$200. No females for sale.

J. C. BANBURY & SONS, PRATT, KANSAS
Phone at our expense 1602.

MILKING SHORTHORNS

Milking Shorthorn Records

All cows officially tested. For sale: Bulls of world's
record breeding. Write for free illustrated booklet.
THE BONVUE FARMS CO., DENVER, COLO.
Stock Yards

MILKING SHORTHORNS OF MERIT

A nice lot of bulls from 6 to 14 months old. A
great bargain in my May & Otis herd bull.
R. M. ANDERSON, BELOIT, KAN.

RED POLLED CATTLE

RED POLLS

On Feb. 29 I will sell 38 head of registered
Red Poll cattle, consisting of 13 bulls, 13
yearling heifers, five 2-year-old heifers, 7
cows. Write for booklet, which will be ready
Feb. 1. IRA R. LONG, QUINTER, KAN.

RED POLLS. Choice young bulls and heifers.
Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

PLEASANT VIEW STOCK FARM. Choice
bulls and heifers, calves to serviceable age.
Holloran and Gambrell, Ottawa, Kan.

HEREFORD CATTLE

Wanted—Coming Three-
Year-Old Heifers

Good grade or pure blood, white face or
Shorthorn that will calve in spring, broken
or carload lots. Save shipping expense, sell
to us direct for cash. Make quotations
worth the money. Address:
Charles Johnson, Swain Ranch, Dwight, Ks.

BRED OR OPEN HEIFERS AND COWS.
Bulls—calves to breeding age. Sired mostly by Romu-
lus 38, a Beau Mystic sire. Bred females in service to
Model Boy by Rocky Boy. Lester Schroeder, Albert, Ka.

POLLED HEREFORD CATTLE

TRUMBO'S POLLED HEREFORDS. Heifers:
Coming yearlings to 3-year-olds, bred or open. Bulls:
Calves to serviceable age. Herd sires: Abe G. a Polled
Success, and Echo Mystic, a Polled Admiral Dams: Beau
Ideal, Rex Onward, etc. W. W. Trumbo, Peabody, Kan.

GUERNSEY CATTLE

7 HEAD GRADE GUERNSEY MILK COWS
For sale. 1 registered yearling bull, 1 registered
heifer 9 months old. For particulars write
Woodland Park Guernseys, Box 113, Lawrence, Kan.
(Herd Federal Accredited)

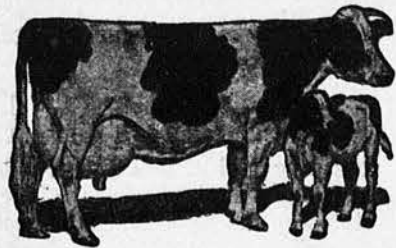
AGED REG. GUERNSEY COWS and heifer
calf for sale cheap, also 10 mos. Guernsey
bull. Winwood Dairy Farm, Burlington, Kan.

BERKSHIRE HOGS

When Wanting Berkshires
write NASH & SONS, ESKRIDGE, KAN.
Oldest firm in the state.

BERKSHIRE REG. BOARS serviceable age
\$17.50. Gilts bred \$30. Weanlings \$15 pair.
F. M. Luttrell, Paris, Mo.
Guaranteed.

Holstein Reduction Sale



**Seneca, Kan.
Friday, Feb. 8**

The Nemaha Stock Farm herd of pure bred Holsteins will be reduced one half in this sale. A federal accredited herd. Sale at the farm 3 miles north,

50 head in the sale, 30 valuable cows, either just fresh or in heavy milk, 12 yearling and coming two year old heifers, 6 heifer calves, 2 valuable herd bulls.

Consigning with Mr. Burger a few each are four Nemaha county breeders as follows: E. J. Draney, Seneca; Earl Goodrich, Seneca; Harry Allen, Goff; Allie Stahibaumer, Seneca. For the sale catalog address, either

**H. D. Burger, Seneca, Kansas or
W. H. Mott, Sale Manager, Herington, Kan.**

Auctioneers: Jas. T. McCulloch, Boyd Newcom, E. J. Draney, E. A. Lally.
Lunch on the ground. J. W. Johnson, Fieldman Mail and Breeze.

Bonaccord Farm Dispersion

35 pure bred Holsteins and six grades, 140 registered Duroc Jerseys, including 40 bred sows, balance boars, gilts and pigs. Near Bonaccord store, south of

Solomon, Kan., Thursday, Feb. 14

Our farm is sold, come to one of biggest dispersion sales in Kansas. An opportunity to make selections from one of the strongest herds in Kansas. One of the oldest Federal accredited herds in the state, never a reactor. In this sale are cows that have produced over 25 pounds of butter in a week; over 100 pounds of butter in 30 days and over 2300 pounds of milk. Two year olds that have given over 20,000 pounds of milk in one year. Write for the sale catalog at once. Address,

Louis Koenig, Solomon, Kansas

Jas. T. McCulloch, Auctioneer, J. W. Johnson, Fieldman.
Write and we will meet you at Solomon, main line Union Pacific.

Wanted A Home For

No. 1—A 32.5 lb. bull at.....\$300
No. 2—A 1,030 lb. bull at.....\$350
No. 3—A 660.57 lb. bull at.....\$200
These bulls are yearlings, very good individuals and sired by Illini Triloma Homestead Ona, a bull with remarkable year record backing. Write for pedigree and photo. G. G. MEYER, BASEHOR, KANSAS

Shungavally Holsteins

We have decided to spare a few females, any age to suit purchaser. We have more state records in the 305 day division than any herd in Kansas in our fourth year of continuous testing. Buy your bull calf now. IRA ROMIG & SONS, Sta. B, Topeka, Kan.

Holstein Cows For Sale

40 reg. and high grade Holstein cows. Fresh and heavy springers. Parkview Farm, Rt. 8, Topeka, Kan. Opposite Gage Park.

BULLS. Calves up to mature bulls. Some out of A. R. O. dams. Federal accredited herd. Might sell a few females too.
A. W. Copeland, McCracken, Kansas

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES anywhere, write Edgewood Farms, Whitewater, Wisconsin

\$35 BUYS REGISTERED HOLSTEIN heifer calf. Bulls \$15.
Sam Stoughton, Hutchinson, Kansas.

POLAND CHINA HOGS

POLAND CHINA HOGS

50th Anniversary Sale Wiswell & Sons' Poland Sale Ocheltree, Kan., Monday, February 11, 1924

(9 miles southeast of Olathe and 3 miles northeast of Ocheltree.)

50 Head: 7 tried sows, 18 fall gilts, 25 spring gilts, all bred.

SIRED BY: The Emancipator, Wonder Buster, Radium King, Dundale Prospect, King Kola Leader, etc.

OUT OF daughters of Emancipator, Black Bob, The Jayhawker, Masterpiece, Wonder Buster, Dundale Prospect, etc.

IN SERVICE TO The Emancipator by Emancipator out of daughter of Liberty Bond; Dundale Prospect by Dundale Giant out of daughter of Surprise Prospect; and Liberty Prospect by Liberator out of daughter of Surprise Prospect.

(Mr. Wiswell was born on the farm where he lives. Will have lived fifty years on the same farm by the date of his sale, Feb. 11, 1924. Has for a number of years maintained a large well bred Poland herd from which he annually selects a top class spring sale offering. In this sale, Mr. Wiswell's anniversary sale, there will be one of the best offerings put up in Kansas this spring. J. T. Hunter.

Send all buying orders to J. T. Hunter. Sale in heated pavilion. You will be comfortable regardless of weather. Please mention Mail & Breeze. For catalog address

A. L. Wiswell & Sons, Ocheltree, Kansas

Auctioneers: James and Jameson. Fieldman, J. T. Hunter.

DUROC JERSEY HOGS

DUROC JERSEY HOGS

Wooddell Will Sell Durocs

1 mile southeast of town—In good pavilion.

Winfield, Kan., Saturday, Feb. 16

3 tried sows, 15 fall yearlings, 17 spring gilts. By Taskmaster, Major's Great Sensation, Scion's Wonder and Pathfinder Chief 2nd. In service to Taskmaster and Major's Chief Sensation.

I showed at three fairs last year, including Kansas state fair and won 20 firsts, 9 seconds and 5 thirds; winning 51 ribbons in all. The offering includes a number of my prize winners.

The catalog gives specific information about this well bred offering of good quality individuals. Send buying orders to J. T. Hunter. Write for the catalog, mentioning Mail & Breeze. Address,

G. B. Wooddell, Winfield, Kansas

Boyd Newcom, Auctioneer, J. T. Hunter, Fieldman.

doing too much joyriding. That he should lock his car up in the barn and walk and enjoy some real prosperity after a few years, but only a few are howling in that key. Time is just as important to the man on the farm as it is to the man in the shop. He buys a mower because it saves time in cutting hay. His binder is faster than the cradle, and likewise his motor car is faster than his team and his truck can haul more in less time than he formerly hauled with his horses. It's too bad, of course, that the motor car can be used for pleasure occasionally. It gives the howlers an opportunity to howl, but let 'em howl. If using a motor car for pleasure occasionally is a misfortune, we're glad to have it to contend with.

Found Egg Market

Mrs. L. W. Miller, 15 miles southwest of Quinter, produces safe eggs. But that fact made no impression on local buyers. Eggs were eggs. They treated everybody alike. To give her a premium for better eggs would not be treating other customers right. They did not appreciate the unfairness to Mrs. Miller of giving her the same price for good eggs that they gave other folks for indifferent eggs.

Mrs. Miller no longer sells to local dealers. One day she was in Colorado Springs. She inquired the price of eggs. It was so much higher than she was offered at home that she made arrangements to ship. The buyer was glad to get them fresh at a premium over the current price. Last summer while the local price was 11 cents, Mrs. Miller received 20 cents and the buyer paid the expressage.

In many Kansas communities producers of good eggs are revolting against the flat price system. Those who cannot obtain the premium from local dealers are seeking a market elsewhere.

Kansas Gets Tractor Schools

The International Harvester Company has announced a series of two and three day schools at Hutchinson and several towns in the southwest portion of the state during February.

These courses of instruction will be under the supervision of S. C. Rufford and Ed Slayton, factory experts of the company. The schedule will be as follows: St. John, February 2; Great Bend, February 5-7; Hugoton, February 5 and 6; Dodge City, February 8 and 9; Liberal, February 12 and 13; Meade, February 15 and 16; Bucklin, February 19 and 20; Pratt, February 22 and 23 and Hutchinson, February 26 and 27.

Control of Apple Scald

Apple Scald and Its Control, Farmers Bulletin No. 1350, has just been issued; a copy may be obtained free on application to the United States Department of Agriculture, Washington, D. C. It gives clear directions for the control of this serious storage disease of apples.

Why Don't You Do It?

Get a dollar from one of your neighbors who is not a subscriber of Kansas Farmer and Mail and Breeze and send it to this company and you will receive your paper a year FREE as a reward.

Farmers to Cut Crop Costs

(Continued from Page 34)

good grain crop and are being fed for a heavy egg production.—Owen R. Macy.

Smith—We have been having snappy weather the last two weeks. The farmer's work consists mainly of chores. Roads are in fair condition. Public sales are held frequently and prices are good. Livestock is doing well, and there will be plenty of feed. Rural market report: Wheat, 82c; corn, 65c; cream, 47c; eggs, 30c.—Harry Saunders.

Stevens—We had another snow storm January 16 and cold wind. Livestock of all kinds is doing well, as feed is plentiful. At public sales livestock sells low. Rural market report: Kafir and milo, 95c a cwt.; butterfat, 54c.—Monroe Traver.

Sumner—The weather the first half of January hovered around zero most of the time. Wheat growers are organizing in this county. The ground is frozen 7 inches deep, which is unusual in this county. Prices of stock at farm sales are improving. Rural market report: Wheat, 82c; corn, 75c; oats, 50c; kafir, 80c; butterfat, 53c; eggs, 35c; poultry, 15c to 17c.—John W. Finn.

Sumner—About three inches of snow fell on the night of January 16. Continued cold weather has cut wheat pasture short. Rough feed is scarce. A few public sales are being held.

POLAND CHINA HOGS

Big Type Poland Chinas

We hold no bred sow sale but have a limited number of tried sows, fall yrlds. and spring gilts sired by W's Giant, Cook's Liberty Bond, Surprise Prospect, Nufashion, and The Ensign. All bred to Nufashion, by Cook's Liberty Bond and Designor Bob, by The New Designor.

Boars also for sale. These will go quick. Call or write.

C. B. SCHRADER, Clifton, Kan.

Last Call

Poland China Bred Sow Sale

**Bendena, Kansas
February 7, 1924**

Write for our catalog.

**H. B. Walter & Son
Bendena, Kansas**

BIG TYPE POLAND GILTS

Bred for March and April farrow. Fall pigs by Loy's Royal Flush. Gilts bred to Kansas Challenger, more better. Immured. Priced to sell.

G. E. Loy, Barnard, Kansas

POLANDS, either sex, by Designor and Clotte, Jr. Few Designor and Clotte Jr. gilts bred to Liberator-Revelation, The Outpost and Checkers-Heritage, at former prices. J. R. Houston, Gem, Kan.

POLAND CHINA BRED SOW \$40.00. Fall yearling \$30.00. Spring gilts, \$20.00.
C. R. Rowe, Scranton, Kansas.

CHESTER WHITE HOGS

Chester White Bred Sows

50 selected sows and gilts from 150 head.

Oberlin, Kan., February 16

Biggest and best herd in Western Kansas. Grand championship on boar and sow at four leading county fairs. Nothing better in bred sows this winter. Most of them bred to good sons of Kansas Pathfinder. Sale catalogs ready to mail. Address,

Morton Bros., Oberlin, Ks.

Chester White Bred Sows

Sale in Town,

Norton, Kansas, Feb. 13

40 carefully selected bred sows carrying the blood of Chief Justice 2nd, Rainbow, Kansas Giant and Kansas Pathfinder. A nice offering of bred sows, carefully mated and fed for future usefulness.

Sale catalog ready to mail. Address, either

A. D. Curry, Norton, Kansas or

F. E. Shirley, Norton, Kansas

REG. CHESTER WHITE BOAR PIGS of serviceable age, sired by a son of Big Buster, each. Bred sows and gilts.
Earl Scott, Wilmore, Kan.

CHESTER WHITE BRED SOW SALE
Feb. 21, 1924. Write for folder.
Emil Youngberg, Essex, Iowa.

JERSEY CATTLE

Choice Reg. Jersey Bulls
Calves to serviceable age, \$35 to \$100. Last three herd sires came from Longview Farm. A. H. KNOEPEL, COLONY, KAN.

HOLSTEIN CATTLE

ONE WORLD'S RECORD 12 STATE RECORDS

For Sale: Young bulls and foundation females of this breeding. Also a limited number of heifer calves and yearlings. Five champion and grand champion National Western Livestock Show at Denver, have come from this blood. Individuality plus production. Send for illustrated folder.

MRS. R. G. DOUGLAS, Fort Logan, Colo.

FOR THE VERY BEST Holstein or Guernsey calves 7 to 9 weeks old, write
Spreading Oak Farm, Whitewater, Wis.

REG. HOLSTEIN BULLS, 6 mo. to yearlings, sired by U. S. Korndyke Johanna Segis 2nd. Farmer prices. Daniel Clinkenberg, Wetmore, Kan.

BRAEBURN HOLSTEINS
Bull calves for sale; also cows and heifers.
H. B. Cowles, 433 Kansas Ave., Topeka, Kan.

DUROC JERSEY HOGS

Our Durocs Make Good

Chas. P. Johnson sells 30 head
Macksville, Ks., Monday, Feb. 18

(Heated pavilion on farm 6 1/2 miles north
and 2 miles east of Macksville.)

4 tried sows, 3 by Shepherd's Orion Sensation out of a Pathfinder Jr. dam; one by a son of Shepherd's Orion Sensation out of a daughter of Victory Sensation 3rd; one by Royal Pathfinder out of a Col. dam and one by Pathfinder Jr. out of an Illustration dam.
5 fall yearlings by sons of Shepherd's Orion Sensation out of daughters of Royal Pathfinder and Pathfinder Jr.
17 spring gilts and 2 boars out of these sows. Boars by Commander and Advance Constructor.
Females in service for March farrow to Advance Constructor Lad by Advance Constructor out of Typemaker's Cherry Queen and Leading Sensation by Sensation Boy out of Vic's Big Girl.

(Mr. Johnson has a good herd. The Advance Constructor sire is a superior individual. A sow or gilt by or bred to him would be a good buy for anyone wanting a good female.)
—J. T. Hunter.)

Please mention Kansas Farmer. Send bids to J. T. Hunter. For catalog address

Chas. P. Johnson, Macksville, Ks.
Boyd Newcom, Auct. J. T. Hunter, Fieldman.

Our Duroc Jersey Sale Will Be a Constructor Pathmaster Sale

At Western Home Farm, 4 Miles West
4 Miles North of

Saint John, Kansas
Wednesday, February 13, 1924

(Have recently moved. Please note
change of address from Macksville, Kan.,
to St. John, Kan.)

Sale in heated pavilion.

12 tried sows by Shepherd's Orion Sensation, Sensational Giant, Graduate Pathfinder, etc.
6 fall yearlings by Orion Defender Sensation, etc.
12 spring gilts by Giant's Lad 1st, out of tried sows.

All females in service to Leading Pathmaster by Giant Pathmaster, conceded to be the best son of Great Pathmaster. He was second and third in class respectively at 1923 Topeka and Hutchinson fairs, and The Constructor by Constructor, another good sire.

(This is not only an offering of good sows and gilts but they are in service to exceptionally good sires.—J. T. Hunter.)

Please mention Kansas Farmer. Send mail bids to J. T. Hunter. For catalog, address

H. E. Mueller, St. John, Kansas
Boyd Newcom, Auctioneer.
J. T. Hunter, Fieldman.

Trauer Purebred Duroc Co.

Best herd in Colorado. Won more ribbons at last National Western, Denver, Colo., than all other Colorado breeders combined. All classes, best breeding for sale.

Weller's Duroc Jerseys

Have been sent to 61 different counties in Kansas. Best for sale now from 50 to 300 pounds, \$12 to \$35 depending on size and quality. Good breeding and bone.

J. E. Weller, HOLTON, KAN.

SHEPHERD'S CHAMPION BRED BOARS

REAL FALL AND SPRING BOARS.

Need to move at once. None better, few good. Write for prices and descriptions.

Quick. G. M. SHEPHERD, Lyons, Kan.

SPECIAL RATES For Purebred Livestock Advertising

For \$1.20 per issue you can have your advertisement printed under the proper breed classification of the Kansas Farmer and Mail and Breeze, in a space of three agate lines, which will carry from 10 to 20 words, depending on the kind of type used. Figure any larger space on the basis of 40 cents per agate line.

Thus a space of 10 agate lines, or about three-fourths of an inch deep means that for you we carry this advertisement (containing 20 to 60 words, depending on the type you use) to the farmers of Kansas and Eastern Colorado, at about three and a quarter cents for each 1,000 farms reached. No other advertising is so economical.

Write your own advertisement or send the facts about your herd and what you have to sell, and we will be glad to fix up your advertisement for whatever space (of three agate lines or more) you say. Ask about small stock cuts for free use in advertisements.

For public sale advertising be sure you start early enough. You can interest a given number of prospective buyers at less expense by running a moderate advertisement in 3 or 4 issues before your sale than by waiting until there is only time for one advertisement.

Consult the fieldmen in such matters, or write them as follows:

John W. Johnson, 820 Lincoln St., Topeka, Kan., for the northern territory; J. T. Hunter, 3734 East Central Ave., Wichita, Kan., for the southern territory.

Or send your instructions to T. W. Morse, Director of Livestock Service, Capper Farm Press, Topeka, Kan.

ing held. Farm work is at a standstill. A number of mules are changing hands at fair prices. Rural market report: Wheat, \$1; oats, 58c; corn, 75c; butterfat, 53c; eggs, 30c; butter, 40c; potatoes, \$1.40.—E. L. Stocking.

Wilson—We have been having rough, cold weather. Roughage for stock is scarce and poor. Fat hogs are scarce. We will have to ship in 75 per cent of the grain. Rural market report: Corn, 75c to 85c; hay, \$10 a ton on track.—S. Canty.

Colorado Crop Reports

Kiowa—We are having severe winter weather with plenty of moisture. Winter wheat is in good condition. Corn husking is not yet finished because of the snow. Livestock is in splendid condition as there is plenty of feed. The Kansas Wheat Growers' Association is well supported in this locality. Very few sales are being held. Milk cows are in demand. Horses are selling at very low prices. Rural market report: Hogs, \$5.50; cream, 46c; eggs, 35c; butter, 50c.—C. T. L.

Morgan—A great many sheep and cattle are on feed in the irrigated valley. Some corn is still in the field. Contracts are now being signed for beets. The acreage promises to be the largest ever grown. The best spirits exist between growers and the sugar company.—E. J. Leonard.

Northern Kansas

By J. W. Johnson



The date of the E. E. Norman, Chapman, Kan., annual Duroc Jersey bred sow sale is February 6 and it will be held in the sale pavilion, the same place it was held last winter. He is selling 44 head and it is an offering of real merit.

Carl Miller, Belvue, Kan., has one of the large herds of registered Herefords in Kansas, over 600 head. He was at Denver last week attending the livestock show and took along a car load of bulls which he sold at fair prices.

F. B. Wempe, Frankfort, Kan., well known as a breeder and exhibitor of Hampshire swine will sell bred sows and gilts in Frankfort, Kan., March 8. Mr. Wempe has champions and grand champions in his herd and this will be a sale of champions.

A. B. Hammer, Clifton, Kan., is making a dispersion sale at his farm eight miles north of that place, February 15. He is selling his entire herd of purebred Spotted Poland Chinas and all his farm machinery and cattle and horses and leaving the farm.

Members of the Duroc Jersey Breeders' Association of Riley county have decided to call off their bred sow sale scheduled for February 13. Because of the scarcity of sows in that territory they were unable to secure enough to make a sale.

One of the opening sales of Shorthorns is the W. J. Welner sale at his farm on the Manhattan-Junction City interurban and about five miles west of Manhattan, Feb. 14. He is selling 38 females and 11 young bulls and it will be a very desirable lot of cattle.

It is now quite evident that there is going to be a scarcity of bred sows of all breeds this spring but right now there are a number of breeders that have bred sows and gilts for sale. John D. Henry, LeCompton, Kan., is offering 25 Poland China bred sows and gilts.

"B" Chestnut, formerly of the firm of Chestnut & Sons, of Denison, Kan., and well known to every Holstein breeder in Kansas as a fitter for the show ring, is working for the M. W. A. sanatorium, herd at Woodman, Colo., and was at the Denver show last week with a string of winners.

Louis Koenig, Solomon, Kan., has sold his farm and will disperse his splendid herd of purebred Holsteins February 14. At the same time he will sell 140 Duroc Jerseys, 40 of the bred sows. This herd was one of the first in the state to get on the Federal accredited list and is a strong herd of real Holsteins.

Mrs. R. G. Douglas, Fort Morgan, Colo., is the owner of more than 100 Holsteins and her herd is one of the very strongest in Colorado. She was at the big Denver show last week with a wonderful exhibit and won the lion's share of the blue ribbons. Fort Morgan is only a few miles out of Denver.

C. G. Nash, of Eskridge, Kan., president of the Central Berkshire Breeders' Association and one of the best known breeders of high class Berkshires in the country, is working to get the free fair management to restore a classification for Berkshires. The last Berkshire show at Topeka was a good one. There were only a few exhibits but they were good as far as they went.

Duroc Jersey breeders and breeders of Spotted Poland Chinas in the vicinity of Concordia, Kan., have claimed February 18 as the date of their combination sale at that place. They will sell 50 sows and gilts and about half of each breed. It goes without saying that each breeder is going to put in good ones because he will be anxious to back up his breed.

Corn in Northwest Kansas and Eastern Colorado is making from 55 to 65 bushels an acre and I counted 32 wagons in the fields husking corn between Burlington, Colo., and Stratton, which is the next station east of Burlington. Stations on the Rock Island west of Phillipsburg will average from 75 to 85 cars of corn shipped out during the winter. Most of it is going to Oklahoma and Texas. Most of it is being shipped snapped because of the weevil in those states. It is selling for 55 to 60 cents a bushel. At many of the stations along the Rock Island between Norton and Lyman, there were great piles of corn on the ground waiting to be loaded.

The R. J. Bazant, Narka, Kan., sale of Spotted Poland Chinas at Fairbury, Neb., that was postponed from Jan. 17 to Jan. 26 because of the blockaded condition of the roads was held last Saturday at that place. The roads were still in a very bad condition and the attendance was very small. However the sale went off very sat-

Woody & Crowl

50 Duroc Jersey daughters and granddaughters of Champions.
Sale in Town. Warm Sale Pavilion.

Barnard, Kan., Thursday, Feb. 7

We offer 50 sows and gilts, well grown and conditioned for this sale with their future usefulness in mind.

They are extra well grown, good feet, splendid backs, in fact an offering of 50 sows that will challenge any like number anywhere.

BRED TO THESE GREAT BOARS:

The Winner, himself a great individual and a son of the world's Champion and out of Rosa Pathfinder, 3rd., a National swine show winner.

King of Constructors a son of the champion Constructor, dam by Great Orion Sensation. A young boar of great size, quality and character.

Big Bone Wonder, a boar of great size with plenty of quality. The sale catalog is ready to mail. Address,

Woody & Crowl, Barnard, Kansas

Auctioneers: Jas. T. McCulloch, Will Myers.
J. W. Johnson, Fieldman Mail and Breeze.

If you come on the train come to Beverly, on the U. P. Lincoln Branch. Trains from east and west arrive there in the forenoon and return in the evening. Autos will meet trains and return in time for outgoing trains.

Of Special Interest to Northern Kan. Farmers
Huston-Biddison Duroc Jersey Sale

Topeka, Kansas, Tuesday, February 12, 1924

Free Fair Pavilion, 1:00 P. M.

60 double immuned bred sows and gilts and boars. This is not a dealers' offering but well bred Durocs in good condition grown by W. R. Huston and S. E. Biddison of Americus, Kan.

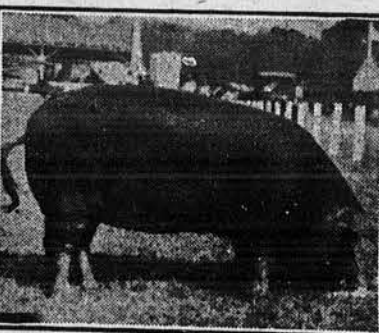
WALTEMEYER'S GIANT, the famous Huston boar sired most of the offering. Some are by the \$1,000 Gold Master, Pathfinder's image, and Greatest Sensation. Sows and gilts are bred for March and April farrow to four great sires: WALTEMEYER'S GIANT by Mahaska Wonder, SCISSORS AGAIN, 1923 Morris Co. grandchampion by Orchard Scissors, of a Stiltis dam; and GOLD MASTER 1st, 1st in class of 15 at 1923 Morris county fair by Gold Master. Waltemeyer's Giant and Scissors Again will be on exhibit at the sale.

(Messrs. Huston and Biddison have held annual combined spring sales in their trade territory. Lack of feed there this season makes it advisable to sell further north where there is more feed. This is not a dealers' offering but a well bred highly desirable offering of Durocs.—J. T. Hunter.)

The catalog gives more complete information. Write for one mentioning Mail & Breeze. Send all mail bids to J. T. Hunter. For catalog address either

W. R. Huston, Americus, Kansas or
S. E. Biddison, Americus, Kansas

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.



E. E. Norman's Bred Sow Sale

Chapman, Kan., Feb. 6

Sale under cover in town

44 Head of Duroc Sows and Gilts

The offering will consist of 4 tried sows, 20 fall yearlings and 20 spring gilts. The gilts are sired by Norman's Col. and Ideal King. Nearly all of the gilts are bred to Uneeda Sensation King and his litter mate, Giant Sensation King, a wonderful pair of spring boars, by Sensation King, grand champion of champion at International Show. Write at once for catalog. Address,

E. E. NORMAN, CHAPMAN, KANSAS
Auctioneers: Jas. T. McCulloch, E. L. Hoffman, Wm. Cookson.
J. W. Johnson, Fieldman Mail and Breeze.

Buy — Farmers — Buy

The states of Ohio, Illinois, Texas and Wisconsin reported a total of 165 litters raised that weighed 2,000 pounds or more in 180 days. Of this number 85 litters or 51.5% are Durocs. The 85 Duroc sows raised 912 pigs or an average of 10.7 pigs to the litter. This is maximum production at minimum cost.

To produce more pork in less time at less cost with less herd sows raise Durocs. Write for names of breeders who can supply you with this wonderful breed.

The National Duroc-Jersey Record Ass'n.,

Dept. 10
Peoria, Ill.

Central Kansas Herd

Boars, bred gilts, fall pigs, either sex. Priced to sell. Immunized and guaranteed. Write to us.
J. C. Long & Sons, Ellsworth, Kan.

COL. BRED PIGS by Col. Supreme by Supreme Col. out of daughters of Royal Sensation and Pathfinder 3rd. Thos. M. Steinhilber, Andale, Kan.

40 DUROCS—BRED GILTS and FALL PIGS Sired by champion boars or sons of champions. Gilts bred to Giant Radio. Immunized, registered. Priced right. Write your Duroc wants to
Homer Drake, Sterling, Kan.

BOARS AND BRED GILTS, \$30. March gilts bred for April farrow. Sept. pigs, both sexes, \$12. Best Sensation, Orion, Pathfinder breeding. Immunized. John A. Reed & Sons, Peoria, Ill.

NORTHERN KANSAS DUROC HERDS

Okawanna Stock Farm

Offers sows and gilts bred to Uneeda Path by Uneeda Orion Sensation, Giant Sensation Wonder I Am and My Leading Sensation. Every day is sale day except Sunday.
E. M. HALLOCK, ADA, KAN.

Bred Sows and Gilts

Pathfinder and Sensation breeding, bred to Ideal Sensation for March and April farrow. Also big growthy fall pigs. All immunized and guaranteed. Priced to sell. Write today to
BOHLEN BROS., DOWNS, KAN.

Fall and Spring Gilts

Bred or open. Also a few spring boars at right prices. Two of them by Sensation King I Am and out of a G. O. S. dam.
50 Bred Sows, Sale February 6.
E. E. NORMAN, CHAPMAN, KAN.

Duroc Weanling Pigs

and males ready for service. Registered, immunized, shipped on approval and a year to pay. Write for booklet and photographs.
STANTON BROS., ABILENE, KAN.
(Herd located at Hope.)

VALLEY SPRINGS DUROCS

Our herd boars are by Stills, Scissors Pathfinder Paramount and Great Orion Sensation. Sows and gilts bred for spring farrow. Boars, all ages. Pairs not related, immune, registered, guaranteed breeders, farmers' prices, year's time, satisfaction or no sale.
E. J. BLISS, BLOOMINGTON, KAN.

Bred Sow Sale Feb. 7

50 gilts bred to The Winner and King of Constructors. Also a few to Kansas Giant. Sale catalog upon request to
WOODY & CROWL, BARNARD, KAN.

WALNUT HILL STOCK FARM DUROC JERSEYS

Yearling boars, spring boars and spring gilts for sale. Real hogs at fair prices.
D. C. ASHER, LAWRENCE, KANSAS

By Scofield's Model Orion

Two yearling boars, one out of a Pathfinder Chief 2nd dam, one out of a Pathfinder Jr. dam. Both these good yearling boars sold on approval. Some dandy weanlings about January 1. Write
J. L. SCOFIELD, OSAGE CITY, KAN.

Yes, Commander Giant

Bred Sow Sale February 29, at farm adjoining town. 5 tried sows, 18 spring gilts, 10 January and February gilts. All either by Commander Giant or bred to him. Write now for sale catalog.
J. J. SMITH, LAWRENCE, KAN.

Half Cash, Half Time

Bred sows and gilts. Farmers' prices. I also have a few choice young boars. Everything immunized.
RAY V. HOPKINS, AGRA, KAN.

Duroc Valley Farm Offers

Gilts bred to Progressor, one of the best sons of Constructor, the 1923 World's champion. Progressor won third at Topeka last fall. Yes, we have a few good gilts at bargain prices.
F. R. JANNE, LURAY, KAN.

35 Bred Sows

Fall yearlings and gilts sired by Orion Select (the 1900-lb. 2-year-old) at auction February 8, 1924, Smith Center, Kan. Bred to a son of Stills and an extra good line bred Pathfinder boar.
VERN V. ALBRECHT, Smith Center, Kan.

R. & S. Farm Durocs

I invite you to visit the R. & S. Farm any time. We have 200 spring pigs and we will be pleased to show you our herd.
A Pioneer Duroc Herd
MELVIN RINEHART, Smith Center, Kan.

Bred and Open Gilts

and a few good spring boars for sale at very attractive prices. Write for descriptions and prices. Best of top blood lines.
J. C. MARTIN, JEWELL, KAN.

DUROCS' DISTINCTIVE DEPENDABLE DUROCS

Both distinctive and dependable because we use the utmost care and selection in our breeding operations and because we believe in and apply the Golden Rule to our business. We guarantee to please you.
JAS. T. DUBOIS, AGRA, KAN.

Extra Choice Spring Gilts

Bred to a son of Constructor and my grand champion boar. \$50 each. Also a few choice open gilts, June farrow. Out of splendid sows and boars, \$35 each. Immunized.
W. L. FOGO, BURR OAK, KAN.

Herd Boar For Sale

Sensation Col. by High Sensation and Top Col. bred dam. March 1 yearling, weighs between 600 and 700 lbs., over 40 inches high, 9 1/2 in. bone. Priced reasonable. Also good April boars by Cherry Pathfinder, a son of Pathfinder Paramount. Immunized. Write for descriptions and prices.
SHERWOOD BROS., CONCORDIA, KAN.

60 Bred Sows

We offer at private sale 60 splendidly bred sows and gilts well grown and extra good. Bred to King Tut, Junior Champion Topeka, 1923. Priced less public sale expenses.
F. C. WOODBURY & SON, Sabetha, Kan.

Supreme Orion Sensation

Gilts bred to Supreme Originator and Originator's Climax. Here is a mating that is hard to beat. Only a few for sale. Also a few spring boars by Supreme Orion Sensation. Priced.
MIKE STENSAAS & SONS, Concordia, Kan.

Meadow Hill Durocs

Sows and gilts bred to "Improver," a line bred Sensation boar. A few choice pairs and trios unrelated and they will move quickly and be money makers for their purchasers. Write us your wants.
OPIE O. MOWREY, LURAY, KAN.

Loughead's Champ. Bred Duroc Sale

Sale at Fairgrounds

Anthony, Kan., Thursday, Feb. 14

7 tried sows, 2 fall gilts, 24 spring gilts. Sired by Major Sensation Col. 1922 Kan. National grand champion; Col's Giant Sensation, grand champion 1923 Anthony fair and 4th in class 1923 state fair; and Valley Sensation. Bred to Col's Giant Sensation and Major's Commander by Orion Commander. Specials: (1) Uneeda Sensation Maid, 1922 state fair winner bred to Orion Commander. (2) Miss Sensation Maid 3d, littermate to 1921 Kan. National grand champion. Two of her litters at 1922 state fair won many ribbons. The catalog will show this. (3) Most of the gilts are bred to Major's Commander 5th, futurity winner at 1923 state fair. (4) Most of females bred for early March farrow, and (5) Spring boar for sale is litter mate to my Orion Commander herd sire. Many bred sows have gone to market. There will be very few Duroc sales in southern Kansas. The Loughead sale will be one of the few sales. If you want to buy a good sow or gilt this sale presents a good opportunity to you. Send mail orders to J. T. Hunter. Write for catalog, mentioning Mail & Breeze. Address
GLENN LOUGHEAD, ANTHONY, KAN.
Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

Concordia's Big Bred Sow Sale

In the Big Sale Pavilion.

Concordia, Kan., Monday, Feb. 18

50 selected sows, 25 Duroc Jerseys and 25 Spotted Poland Chinas. A 50-50 sale with the following well known breeders consigning:
DUROC JERSEYS—Sherwood Bros., Concordia; H. C. Nelson, Beloit, Kan.; Duffey Bros., Jamestown.
SPOTTED POLAND CHINAS—Lynch Bros., Jamestown, Kan.; Frank Schmidt, Tescott, Kan.
Each breeder is selling selected sows and gilts. The sale catalog is ready to mail. Address
E. A. Cory, Sale Mgr., Concordia, Kan.
Auctioneers: Jas. T. McCulloch, Dan Perkins, G. B. VanLandingham, J. W. Johnson, Fieldman Mail and Breeze.

factually with only a few breeders and farmers present. 52 sows and gilts, 42 of the April gilts that were not showing up very well sold for an average of \$29.75. This offering was grown and developed on Mr. Bazant's Nebraska farm near Fairbury and was a very creditable lot of gilts. On Feb. 21 he will sell at his home farm near Narka 50 bred sows.

D. L. Dawdy, Arrington, Kan., association sale manager for the Northeast Kansas Shorthorn Breeders' Association has claimed May 15 for the association's annual spring sale. Members who are interested should get in touch with him if they have cattle to consign. You can become a member by the payment of \$1 if you live in Northeast Kansas and would be eligible to consign cattle to these sales.

Woody & Crowl, Barnard, Kan., are selling their Duroc Jersey bred sows in a warm pavilion in Barnard this time instead of at the Roadside farm where they sold last winter. They are selling 50 wonderful gilts, daughters of their herd boars and bred to sons of the champion, Constructor. Last winter they sold an offering that was said by those who saw it to be one of the best ever sold in the state and this winter's offering is pronounced better than the offering of last year.

Southern Kansas

By J. T. Hunter

Next Monday, February 18, is the date set for Chas. P. Johnson, Macksville, Kan., Duroc sale. This sale will be held in a heated pavilion.

The Big "A" Duroc sales in the south half of Kansas come off next week as follows: Monday, Feb. 4—F. J. Schaffer, Pratt, Kan.; Tuesday, Feb. 5—Zink Stock Farms, Turon, Kan.; Wednesday, Feb. 6—G. M. Shepherd, Lyons, Kan.; Thursday, Feb. 7—W. H. Fuls, Langdon, Kan.

J. D. Seal, Macksville, Kan., is a veteran breeder of Durocs. One would not need to see the sire to know that he has a good boar on the farm, as the 60 some odd fall pigs look almost like peas in the pod. They are out of Uneeda Orion Sensation dams and by Smooth Pathmaster by Great Pathmaster. Mr. Seal knows how to grow hogs.

Milton T. Nelson, Medicine Lodge, Kan., purchased from E. G. Hoover, Wichita, Kan., last summer, a good Duroc boar, Coli-master. The boar died some weeks ago and Mr. Hoover replaced him with a son of Gold Master. The Nelsons believe that they again have the making of a real herd sire. They have about 25 fall pigs by Cross Roads and Coli-master. Have sold off most of their spring pigs.

G. B. Wooddell, Winfield, Kan., is at the state fair each fall with a Duroc herd and succeeds in carrying away a number of the best ribbons. Last fall at the state fair and later at two county fairs he won 51 ribbons. It takes a pretty good herd to win as regularly as the Wooddell herd. His spring sale will be Saturday, February 16, at his farm just south of Winfield, Kan. The sale pavilion on the farm is the best lighted and most conveniently arranged farm sale pavilion we have ever seen.

Glenn Loughead, Anthony, Kan., has a small farm adjoining Anthony. Raises chickens and Durocs. Founded his Duroc herd a few years ago with the best breeding he could get. Bought a state fair prize winner occasionally and then went out to the county fairs and to the state fair and brought home some good ribbons. Mr. Loughead holds a sale at the Agricultural building at the fair grounds, Thursday, February 14. This will be one of the very few Duroc sales to be held in Southern Kansas this spring.

H. O. Sheldon, manager of the hog department, Deming Ranch, Oswego, Kan., has taken a Poland show herd to the Western National, Denver, Colo., five times during the last six years. At the recent National he won both grand championships on Latchnite and Winning Maid. The Deming herd won a little more than half of the hog money and it was the best show that has been put on at Denver for years. This herd has always won either grand champion on boar or sow ever since a herd has been taken to that show. The Deming Ranch Poland herd is Kansas' largest breeding herd and is exceptionally strong in quality.

G. L. Matthews & Son, Kinsey, Kan., have a Hereford herd that within recent years has become a formidable contender at all the big cattle shows of the West. At the recent Western National at Denver, Colo., the 10 head they showed took a number of the best ribbons including junior championship on the bull, Brother Regulator, a junior yearling; first on yearling herd, second on two bulls any age, fourth on three bulls any age, third on aged bulls and sixth on get of sire. Matthews do not handle a Hereford herd as a hobby. They grow them mainly for breeding purposes but keep the quality to such a high point that they can take out a show herd any time and give hot competition to the best of them.

F. S. Kirk, the Wichita sales manager, has a novel proposition that he is using in advertising the Shorthorn sale to be held at Marion, Kan., Saturday, February 9. He is going to give away \$25 in cash to the farmers attending the sale, \$10 of this amount will be given at 1 o'clock when the sale opens and the balance will be given away sometime during the sale. All that is necessary for the lucky person to do to get the money is to be a farmer and be at the ringside when the drawing is made. Town loafers and sight seers who are not farmers will not be given numbers. In this sale A. J. Morris of Anadarko, Okla., and E. E. Alkire of Chickasha, two prominent Oklahoma breeders, are furnishing the cattle on account of the drought in their section of the state.

H. E. Mueller lived for some years north of Macksville, Kan. He has very recently moved to Western Home Farm, 4 miles west and 4 miles north of St. John, his address changing from Macksville to St. John. Mr. Mueller is a constructive Duroc breeder. Heading his herd are two good sires as one will find in a long day's drive. Lead-

ing Pathmaster by Giant Pathmaster is a boar that has shown superior individuality from the time he was farrowed. He is a strapping big fellow that won second and third respectively at the 1923 Topeka and Hutchinson fairs. The junior sire, The Constructor by Constructor is a first class son of his illustrious grand champion sire. The offering that Mr. Mueller sells at Western Home Farm, Wednesday, February 13, will be in service to these two sires. For comfort of those attending the Mueller sale there will be a heated pavilion.

Chas. P. Johnson, Macksville, Kan., has a farm well adapted for wheat. He has a complete equipment for raising wheat on a large scale and keeps up to date with the newest machinery, but he doesn't put all his eggs in one basket—not any more. Visit his farm any morning or evening and you will likely find him feeding his herd of purebred Durocs. Durocs do well for him. He gives them wide range and plenty of wheat pasture in season. Advance Constructor Lad by Advance Constructor, and Leading Sensation, a grandson of Shepherd's Orion Sensation, are the two sires. The bred sows are good also. Mr. Johnson holds his spring bred sow and gilt sale in a heated pavilion at the farm, Monday, February 18. It is significant that one of the heaviest wheat growers of that county, a wheat county, turns his attention toward handling a herd of hogs and purebreds at that. It is a good thing or Mr. Johnson would not keep it up.

"More hogs" bred on alfalfa land and more pork finished in the local Corn Belt is the main project that El Paso county, Colorado Farm Agent, J. C. Hale is working at now. He says that he intends to push this hardest of all until he gets more satisfactory results before taking up any other specific project. There are 26 county agents in the 67 Colorado counties. Mr. Hale, located at Colorado Springs, has been in charge there three years. He has three to four assistants, the largest extension service at all times. Much of the effective work of the Farm Bureau is done through the boy and girl club work. At this time there are more than 180 pig club members, a number of whom are now in their second and third year as members. The main aim of the Farm Bureau are improved home more economical production, adaptation of products to market demands and more orderly marketing. It appears that Mr. Hale is succeeding very well.

There may be finer equipped hog breeding farms than the Brauer Purebred Duroc Farm located seven miles east of Colorado Springs, Colo. If so, they are mighty few and far between. This 486 acre farm adjoins both the Santa Fe railway and Santa Fe Trail. The several buildings and the large sign "Brauer Purebred Duroc" compel attention of all who pass that way. The most striking piece of equipment is the large farrowing house. It is 146 feet long and 24 feet wide with 48 pens (24 on each side) most of which are 6 feet by 8 feet. Each pen has a tongue-and-groove board floor with a dead air space of 4 inches between it and the cement base. Space between the two rows of farrowing pens is sufficiently wide to permit a wagon to be driven thru the building. A warm air furnace heats the building. Traversing the roof on each side are 4-foot windows that not only throw light into all parts of the building, but are adjustable for ventilating. There are, of course, the customary water and feed troughs and pens adjoining the building. The farm is crossed and crisscrossed with fencing that provides plenty of pens for separating the different classes of hogs. Alfalfa pasture with shade for summer and closed houses for winter are provided in nearly all these hog lots. At this equipment has taken lots of money at time. Yet there are several buildings, such as horse barns, cow barns, granaries and machinery shelters constructed of discarded sheet iron and ends of lumber that are well built and look good with their grey coat of paint. Plenty of sunlight and ample range for each animal is sought for in the building and fencing. J. W. Brauer, formerly of Ivywild, Colo., has raised purebred Durocs 15 years. Two years ago, Mr. Brauer moved to this farm where he operates the largest Duroc farm in Colorado and perhaps in the United States. Naturally, with so excellent an equipment, one would expect a good herd. The numbers something more than 500. There are 115 sows due to farrow this spring. The recent Western National Stock Show at Denver, Colo., the Brauer show herd won more ribbons than all other Colorado breeders combined.

NEWS OF OTHER STATES

By Capper Farm Press Fieldmen

Glenn G. Davis, breeder of Holstein cattle at Columbia, Mo., held one of the best Holstein sales of the season at the College Station, Monday, January 14. A large crowd of farmers and breeders were on hand in the interest of the sale and to attend the annual Holstein meeting the following day. Fifty cows and heifers including several under six months sold for an average of \$146.30. Six young bulls averaged \$100. The top price of \$300 was paid by A. King of Kansas City, Mo., for the shaggy heifer No. 39 in catalog. Bis Halwood dyke, a daughter of the herd bull Halwood

DUROC BREEDER GETS GOOD RESULTS FROM KANSAS FARMER ADVERTISING

I have sold 40 head of sows and gilts through my ad, only have a few open summer gilts left to sell. Sold 35 head of sows and gilts to Harvey Hauk, Prop. of Hauk Ranch, Okla. How would it be to run my ad on boars for a couple of times then the weanling pigs. There will be some head of choice ones that will go to sell the first of the year. J. L. Schofield, Osage City, Kan. Breeder of Duroc Hogs. 11-23-23

Korndyke and out of the well known show cow, Campus Chief Bie. No sensational prices were recorded, yet the averages were very fair considering that most of the offering were young. The sale was a success and the total returns very satisfactory to Mr. Davis.

A Berkshire barrow won grand championship at the Denver Stock Show and sold for \$35 a hundred, a price paid largely for the advertising value of the purchase, no doubt. Carl W. Henry, of Greeley, Colo., showed this barrow.

W. H. Sheldon of Inavale and W. A. Hunt of Red Cloud, Neb., both well known breeders of purebred Spotted Poland Chinas, have joined forces and will hold a bred sow sale at Red Cloud on February 16. On the above date 60 head of selected sows will be sold. In this sale they are featuring the Busters. The Model Ranger and Y's Giant barrow.

Last year's officers were re-elected by the Western Hereford Breeders' Association at its meeting during the Denver Stock Show. The re-elected officials are: President, Raymond S. Husted; vice-president, J. D. Canary; secretary and treasurer, John E. Painter. A. J. Campion, Lou G. Davis, Herbert Chandler and Dr. T. F. DeWitt, executive committee.

Earl Babcock, one of the best known and popular Duroc Jersey breeders of the South Platte country, owns the boar, The Nuggett. This boar was bought when a pig and developed by Mr. Babcock. He was shown last fall at Nebraska State Fair and although lacking only a few days of being young enough to show as a junior he went in and won second in class as a senior. He was also grand champion at his own county fair, defeating the boar that was grand champion at the Nuckolls County Fair. Mr. Babcock has a fine line of gilts by this boar and has bred his best sows to him both for his own use and as attractions for his February 21 sale.

One of the coming events of note among the horse men of the Western Corn Belt is the sale of the Nebraska Purebred Horse Breeders' Association, at Grand Island, Neb., on the 13th and 14th of February. C. F. Way, Secretary-Treasurer, Lincoln, Neb., is in charge and is sending out catalogs on request only. Mr. Way has taken a very active part among the horsemen of the West and is well and favorably known to most of the breeders. He has inspected the 80 head which are selling and vouches that it is the best offering ever presented for public sale by the association. There are Percherons, Belgians and Shires cataloged, and consist of good young stallions, brood mares, yearlings and weanling colts. These have come from the stables of the best breeders in the state and are in presentable condition to attract a good attendance of the horsemen and buyers from a wide range of territory.

Public Sales of Livestock

- Percheron Horses**
March 6—North Central Kansas, Cawker City, Kan.
- Angus Cattle**
March 20—Johnson Workman and others, Russell, Kan.
- Shorthorn Cattle**
Jan. 30—American Shorthorn Association, Wichita, Kan.
Feb. 9—A. J. Morris and E. E. Alkire, at Marion, Kan. Frank Kirk, Wichita, Kan., Sales Manager.
Feb. 14—W. J. Weisner, Manhattan, Kan.
Feb. 16—A. C. Lobough & Son, Washington, Kan.
March 6—Geo. Bemis, Cawker City, Kan.
Mar. 25-26-27—Central Shorthorn Association, Kansas City, Mo.
March 26—Saline Valley Breeders, Lincoln, Kan.
April 10—Shortgrass Breeders' Association, Morland, Kan.
April 16—Sumner County Breeders' Association, Sale at Wellington, Kan. Otto B. Wenrich, Manager.
May 15—Northeast Kansas Association, Hiawatha, Kan., D. L. Dawdy, Sale Mgr., Arrington, Kan.
- Holstein Cattle**
Feb. 1—"Show Sale" Forum, Wichita, Kan.
Feb. 8—H. D. Burger, Seneca, Kan. W. H. Mott, Sale Manager.
Feb. 12—Breeders' Sale, Springfield, Mo. W. H. Mott, Sale Manager.
Feb. 14—Louis Koenig, Solomon, Kan.
March 7—Northwest Kansas Breeders, Cawker City. O. L. McCoy, Sale Manager.
April 1—101 Ranch, Marland, Okla. W. H. Mott, Sale Manager.
- Hereford Cattle**
Feb. 20—Mansfield & Jennings, Ottawa, Kan.
Feb. 27—D. L. Wescott, Bala, Kan.
March 27—Saline Valley Breeders, Lincoln, Kan.
- Red Polled Cattle**
Feb. 29—Ira R. Long, Quinter, Kan.
- Chester White Hogs**
Jan. 28—Earl Lugenbeel, Padonia, Kan., at Hiawatha, Kan.
Jan. 29—Wiemers Bros., Diller, Neb.
Jan. 30—Wm. Buehler, Sterling, Neb.
Feb. 13—W. W. Carper, Dunbar, Neb.
Feb. 13—Allen D. Curry and F. E. Shirley, Norton, Kan.
Feb. 16—Morton Bros., Oberlin, Kan.
Feb. 25—Earl Lugenbeel, Padonia, Kan., at Hiawatha, Kan.
- Poland China Hogs**
Feb. 1—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 7—H. B. Walter & Son, Bendena, Kan.
Feb. 11—A. L. Wilewell & Son, Ocheltra, Kan.
Feb. 16—A. C. Lobough & Son, Washington, Kan.
Feb. 18—Breeders' Sale, Concordia, Kan.
Feb. 19—J. C. Dawe, Troy, Kan. Sale at Bendena, Kan.
Feb. 26—Geo. Wharton, Agenda, Kan.
Feb. 28—C. S. Walker, D. E. Johnson, Macksville, Kan.
March 11—J. T. Morton, Stockton, Kan.
March 27—Saline Valley Breeders, Lincoln, Kan.
- Spotted Poland China Hogs**
Feb. 15—Ernest S. Krause, Adams, Neb.
Feb. 16—A. B. Hammer, Clifton, Kan.
Feb. 18—W. H. Sheldon, Inavale, Neb. Sale at Red Cloud, Neb.
Feb. 18—Breeders' Sale, Concordia, Kan.
Feb. 19—A. Cory, Sale Mgr.
- Duroc Jersey Hogs**
Jan. 28—Dr. T. P. Rose, York, Neb.
Feb. 2—E. O. Hull, Reese, Kan.
Feb. 4—Frank J. Schaffer, Pratt, Kan.
Feb. 5—Zink Stock Farms, Turon, Kan.
Feb. 6—G. M. Shepherd, Lyons, Kan.
Feb. 6—Vern Albrecht, Smith Center, Kan.
Feb. 6—E. E. Norman, Chapman, Kan.
Feb. 7—W. H. Fulka, Langdon, Kan.
Feb. 7—Woody & Crowl, Barnard, Kan.
Feb. 12—At Topeka, Kan. W. R. Huston and S. M. Biddison & Son, Americus, Kan.
Feb. 13—H. E. Mueller, St. John, Kan.
Feb. 14—Glenn Loughhead, Anthony, Kan.
Feb. 14—Louis Koenig, Solomon, Kan.
Feb. 16—G. B. Woodruff, Winfield, Kan.
Feb. 18—Breeders' Sale, Concordia, Kan.
Feb. 18—Breeders' Sale, Concordia, Kan.
Feb. 18—Chas. P. Johnson, Macksville, Kan.
Feb. 20—Mansfield & Jennings, Ottawa, Kan.
Feb. 21—Earl Babcock, Fairbury, Neb.
Feb. 21—E. G. Hoover, Wichita, Kan.
Feb. 22—Archibald Clark, Howard, Kan.
Feb. 23—G. W. Bickelstaff, Oberlin, Kan.
Feb. 23—Ray Cooley, Plymouth, Kan., and Will Albion, Saffordville, Kan. Sale at Emporia, Kan.
Feb. 23—J. J. Smith, Lawrence, Kan.
March 5—E. O. Hull, Reese, Kan.
March 8—Ford County Breeders' Association, H. C. Baird, county agent, Dodge City, Manager.
March 26—Saline Valley Breeders, Lincoln, Kan.
Oct. 25—H. W. Frank, Stanley, Kan.
- Hampshire Hogs**
Feb. 19—Wickfield Farms, Cantrill, Ia.
March 8—F. B. Wempe, Frankfort, Kan.
March 12—Wickfield Farms, Cantrill, Ia. Sale at Sioux City, Ia.
- Horses**
Feb. 13-14—Nebraska Purebred Horse Breeders, at Grand Island, Neb. C. F. Way, Sec.

Kansas Spotted Poland Herds

Spots Out of Large Litters

Spring pigs, both sexes, by Master K. 19th, Cornage, and My Searchlight. Well marked. All double immuned. All by boars out of large litters and these pigs for sale are out of large litters.

FETE ANDERSON, BURLINGTON, KAN.

Largest Spotted Poland Herd in Kansas

Headed by 6 boars including Master K. King of England Jr. by King of England, etc. All classes for sale at all times. Write me your needs.

A. S. ALEXANDER, BURLINGTON, KAN.

Moving to Holton, Kansas

After March 1 my herd of Spotted Poland Chinas and registered Herefords will be located on the Henry Haag farm near Holton, Kan. Visitors welcome. Look up my consignment in the Pottawatomie County S. P. C. Association sale, February 15 at Onaga.

D. J. MUMAW, ONAGA, KAN.

Big Clean Up Farm Sale

In my dispersion sale January 10, 74 sows and gilts averaged over \$50. I am selling 150 head in my farm sale, 25 are bred sows, others fall pigs, etc. All eligible to registry. Write for particulars.

HENRY HAAG, HOLTON, KAN.

Choice Spots-Attractive Prices

Bred sows and a choice collection of fall pigs at attractive prices. Every hog in good condition. Sires in use: Arch Prince by Arch Back King and The Topic by The Night Rider.

W. F. HAMILTON, BELLE PLAINE, KAN.

Bale's Spots

Bred spring gilts in service to Ranger B. by Model Ranger, and Imperial Commander, a straight big type sire by Attaboy, 1923 Topeka fair grand champion. Prices are reasonable.

C. W. BALE, CHASE, KAN.

Miller & Manning Offer

Spring boars of outstanding quality in breeding and as individuals. Open gilts or bred for spring farrow. Write us your wants today.

MILLER & MANNING, Council Grove, Kan.

Dispersal Sale Spotted Poland Chinas

At the farm, 11 miles north of Clifton, 8 miles east of Agenda, Clifton, Kan., Friday, Feb. 15

Five tried sows, 30 spring gilts, sired by Hammer's Choice and Spotted Cliff. Everything is bred to Gates Challenge and Sunnyside Count. I am also selling horses, cattle, machinery and pure bred Buff Orpington chickens. For sale catalog address,

A. B. Hammer, Clifton, Kan.
Aucts.: Jas. T. McCullough, Dan Perkins.

- Feb. 18—Breeders' Sale, Concordia, Kan. E. A. Cory, Sale Manager.
Feb. 19—R. R. Frager, Washington, Kan.
Feb. 21—R. J. Bazant, Narka, Kan.
Feb. 26—S. R. Tucker, Codell, Kan.
Feb. 27—Dr. J. A. Beveridge, Marysville, Kan.
Feb. 28—Community Breeders Sale, Chapman, Kan.
March 12—Arthur Money, Dunbar, Neb.
March 18—A. C. Flammang, Orleans, Neb.

Duroc Jersey Hogs

- Jan. 28—Dr. T. P. Rose, York, Neb.
Feb. 2—E. O. Hull, Reese, Kan.
Feb. 4—Frank J. Schaffer, Pratt, Kan.
Feb. 5—Zink Stock Farms, Turon, Kan.
Feb. 6—G. M. Shepherd, Lyons, Kan.
Feb. 6—Vern Albrecht, Smith Center, Kan.
Feb. 6—E. E. Norman, Chapman, Kan.
Feb. 7—W. H. Fulka, Langdon, Kan.
Feb. 7—Woody & Crowl, Barnard, Kan.
Feb. 12—At Topeka, Kan. W. R. Huston and S. M. Biddison & Son, Americus, Kan.
Feb. 13—H. E. Mueller, St. John, Kan.
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Feb. 22—Archibald Clark, Howard, Kan.
Feb. 23—G. W. Bickelstaff, Oberlin, Kan.
Feb. 23—Ray Cooley, Plymouth, Kan., and Will Albion, Saffordville, Kan. Sale at Emporia, Kan.
Feb. 23—J. J. Smith, Lawrence, Kan.
March 5—E. O. Hull, Reese, Kan.
March 8—Ford County Breeders' Association, H. C. Baird, county agent, Dodge City, Manager.
March 26—Saline Valley Breeders, Lincoln, Kan.
Oct. 25—H. W. Frank, Stanley, Kan.

Hampshire Hogs

- Feb. 19—Wickfield Farms, Cantrill, Ia.
March 8—F. B. Wempe, Frankfort, Kan.
March 12—Wickfield Farms, Cantrill, Ia. Sale at Sioux City, Ia.

Landmarks of the Breed—IX

Closing the Records

A subject much discussed in Spotted Poland circles at this time, is, "Should the records be closed to Poland China hogs?"

Without trying to discuss several things which perhaps should be considered in this connection, I believe decision should not be taken until the alleged advantages of the "closing" plan are weighed against the things to which the breed, by virtue of its origin, are entitled.

Is any breed better entitled to whatever inheritance may be secured by continuing to record such good spotted hogs as may be offered from ancestry recorded in either of the three old Poland China record associations start?

It is generally known that the elements which were first fused into the breed for which the Poland China records were established, contained in liberal quantities, the ingredients which go to make spots on purebred Poland. There is nothing more distinct in my early recollections of the Poland Chinas being shown and advertised, than the Spotted Poland Chinas of A. C. Moore of Canton, Ohio. He started with spotted hogs and was alert enough to the value of a trademark, to keep them spotted.

Because of his exceptional ability as a salesman and advertiser Mr. Moore probably sold more foundation stock to the new breeders of the corn belt than did any other breeder of his time. Mr. Moore was a charter member of the American Poland China Record association. Not only did he record all his own hogs with this record, but he started hundreds of newer breeders to doing the same thing. The blood of the A. C. Moore Spotted Poland Chinas still runs in the veins of Poland herds recording in the American. Is there some reason why the only spotted breed in America should cut itself off from this, which might properly be considered its primary inheritance? Has some other breed a better claim to the benefits which may accrue from the persistence of the characteristics established thru the efforts of this pioneer?

In the naming of Spotted Poland, as a breed, the name Harkrader, has been considerably used. I take it this is complimentary to John Harkrader, the leader among the Warren county, Ohio farmers in the work for which Warren county became famous, the amalgamation of the conglomeration of hog stock in that valley into a product which properly might be called a breed. Harkrader hogs were spotted. D. M. Magle,

BRED SOWS \$30 to \$35; bred gilts \$25; spring pigs \$12.50; fall pigs \$7.50. Arch Back King breeding. T. L. Curtis, Dunlap, Kan.

MODEL RANGER

1922 world's Junior Champion. Now owned by us, the highest priced boar of the breed this year. Bred sow sale February 27. Catalogs upon request. Gifts by The Harvester, Singleton's Giant, etc., and bred to Model Ranger. Other herd boars: King of Creation by Arch Back Rainbow King, and Pickett Chanceller by Pickett's Spotted Giant. HIGHWAY FARM, Marysville, Kan. Dr. J. A. Boweridge, Owner.

Bred Sows and Gilts

of fashionable bloodlines, including the grand champion, Leopard Improver, English Marvel and others. Bred to my two good boars, Revelation's Equal and W's Guerstad. Fall pigs, either sex. Everything immunized and priced right. Try me.

RAY WORTHING, BELVUE, KAN.

POWELL'S SPOTTED POLANDS

Sows and gilts bred to Realization 2nd, by Realization and Discher's Carmine by King of Carmine. Immunized, registered, guaranteed. D. E. POWELL, ELDORADO, KAN.

The Dellwood Stock Farm

"Home of The Millionaire"
A high class bunch of sows and gilts bred for March and early April farrow, to outstanding boars. We have a topy bunch of fall boar pigs. G. S. Wells & Son, Ottawa, Ka. The Millionaire 49093

Bazant's Big Spots

Bred sow sale at farm near Narka, Kan., February 21. A few good young boars for sale and I want your name at once for my sale catalog. Address

R. J. BAZANT, NARKA, KANSAS
Two herds on two farms.

Bargains in Baby Pigs

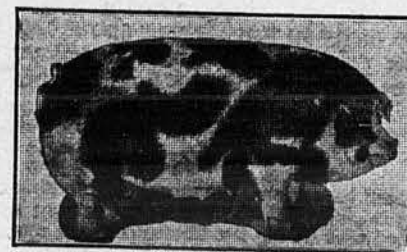
Papers with each pig. Also top spring boars by Master K. English breeding. Write today. M. N. THILLE & SON, Cawker City, Kan.

BRED SOW AND GILT SALE

Cawker City, Feb. 14. Big type breeding and everything bred to farrow in March and April. All double immuned. Write for sale catalog. Address Geo. F. Crabill & Son, Cawker City, Kansas

who began using Harkrader stock possibly ahead of A. C. Moore, produced some spotted and some belted hogs. Polled Hereford cattle breeders, Polled Shorthorn cattle breeders, Milking Shorthorn cattle breeders avail themselves of every bit of good material they can draw from the main body of their respective breeds, providing it has the qualities and characteristics they require.—T. W. Morse.

Spotted Poland Sow Sale



farm near town,

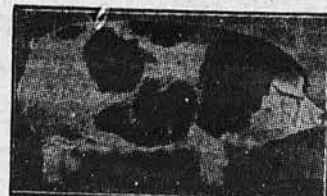
February 15

15 TRIED SOWS
10 FALL YEARLINGS
20 SPRING GILTS

50% sired by or bred to the grand Cham. boar, GIANT IMPROVER, the largest boar of the breed. Others to CREATOR 1st, first in class Iowa and Nebraska the past season. Noted families represented. Offering selected from 200 head. Write for catalog.

Ernest J. Krause, Adams, Nebraska
Col. Chas. W. Taylor, Auctioneer. Jesse R. Johnson, Fieldman.

Combination Spotted Bred Sow Sale



Red Cloud, Neb., Saturday, Feb. 16

60 Head. 15 TRIED SOWS—10 FALL YEARLINGS—35 SPRING GILTS, 2 YOUNG BOARS.

Bred to such great sires as THE MODEL RANGER (son of the \$800.00 Model Ranger,) Y'S JUMBO BUSTER and JEFF. The offering was sired by GIANT BUSTER, and Y'S GIANT BUSTER. We specialize in the kind that bring big litter and the offering includes sows that have produced TON LITTERS. Backed by three National Champions. BIG TYPE and old fashioned ENGLISH BREEDING. Sale in the Aud sale pavilion. Write for catalog to either of us.

W. H. Sheldon, Inavale, Neb. W. A. Hunt, Red Cloud, Neb.
Auctioneer: Col. Chet. McCurdy. Fieldman, Jesse R. Johnson.

Strong, Healthy Chicks



H. H. JOHNSON
"The Incubator Man"

gives you early hatches which mean early broilers to sell at high prices in the summer and more good laying pullets before the snow flies. For example, two or three hatches now with Old Trusty should mean \$500 to \$600 worth of poultry next summer. Can you think of a quicker, easier way to make money?

Don't let another summer and winter catch you without a flock of good fall and winter-laying pullets and some nice broilers to market in the spring when best prices are paid.

Good prices will again be paid for eggs next fall. Make your hatches so that you will have pullets ready to start laying about October. Early hatches bring the big prices and I want to tell you how you can get early hatches of strong, lively, healthy chicks with Old Trusty.



Poultry Profits Built This Beautiful Home

Mrs. Schneider, LaPlata, Mo., used the money she made from her chickens to build this beautiful two-story home. Mrs. Schneider raises market poultry—about 3,000 chickens last year. She has five Old Trusty Incubators—has used one for more than fifteen years. With Old Trusty, Mrs. Schneider has been able to secure early hatches of strong, lively, healthy chicks and big, early hatches, you know, are the most profitable because your broilers are ready to market in summer when the best prices are paid.

Old Trusty always means big hatches of strong, lively, healthy chicks. For a big income this year, keep the hens laying and let Old Trusty do the hatching.

H. H. Johnson,
"Incubator Man"
Clay Center, Neb.
I shall be glad to receive your new 1924 Old Trusty book No. N-19 free. Also quotations on Old Trusty Incubators and Brooders.

My name is.....

Address.....

I raised..... chickens

and expect to raise..... next year

More than a Million Owners Say "Get Old Trusty for Profits"

Poultry raisers who make the most money own a good incubator. There's no argument about that. A good incubator gives you early hatches which mean early broilers to sell at high prices in the summer and more good laying pullets before the snow flies. For example, two or three hatches now with Old Trusty should mean \$500 to \$600 worth of poultry next summer. Can you think of a quicker, easier way to make money?

Send Your Name Today for My New 1924 Catalog

I want to send you the most helpful catalog we ever published on profitable poultry raising. It's more than a catalog; it's a catalog and poultry book combined with 64 big 9 x 12 size pages of money making poultry ideas. This book will not mislead you with fancy theories—but deals with practical poultry raising as ninety-nine farmers out of a hundred must raise it to make money.

Here are some of the subjects it covers: Tells you how to pick the money-makers in a flock of pullets—how to save chicks and big hatches—how to make hens lay in winter—how best to preserve eggs—how to make an inexpensive poultry house and other valuable poultry facts from our 31 years' experience that will help you to build up a big, profitable poultry business. I am glad to send you this book free. Besides telling you how to add one-third more to your income, it also gives me opportunity to tell you

Why You Will Like Old Trusty

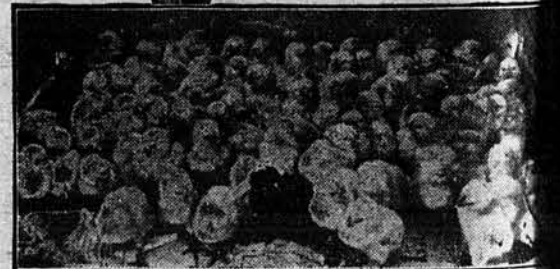
Only the right idea in construction, in design and workmanship could satisfy more than the million users of Old Trusty. People are anxious to save money, it is true, but only permanent satisfaction can result when they save money and at the same time get better quality. Here is where Old Trusty is without equal. What we save by building Old Trusty in a small

Don't Wish — Don't Wait — Act Today

I do not want you to send a penny—just write your name and address in the coupon below and mail today, or, if more convenient, send a postal, and I will hurry along to you a copy of my new 1924 catalog and quote you prices, freight prepaid. This is your first step to a big profitable poultry business in 1924.

Yours truly, HARRY JOHNSON, Incubator Man.

M. M. JOHNSON COMPANY
CLAY CENTER, NEBRASKA



Strong, Healthy, Lively Chicks Are a Regular Result With Old Trusty

town where manufacturing costs are the minimum, you get in quality of materials, workmanship and construction, a service that means permanent satisfaction and also a saving you will appreciate.

Note these worth-while features! Pure copper hot water heating system which warms every side and corner of the egg chamber evenly and surely, and holds heat steady, day and night, while the hatch is in progress. Snugly built case, made out of clear California Redwood covered then with thick insulation and covered again with galvanized metal. Convenient big oil tank, which slides in under the bottom of the machine, and holds enough fuel to save filling and refilling so often. Handy thermometer holder on the inside of the door—always in view the minute you open the door, and many other conveniences that mean a big saving in time and labor.

Pays for Itself From Profits of First Hatch

Old Trusty is a money-maker. It is so well constructed and perfectly built that big hatches are a certainty. Even if you never get an incubator before you can get big hatches of strong, healthy chicks with Old Trusty right from the start. I hope that you will send for my new catalog tonight.

