

KANSAS SECTION THE CAPPER FARM PRESS

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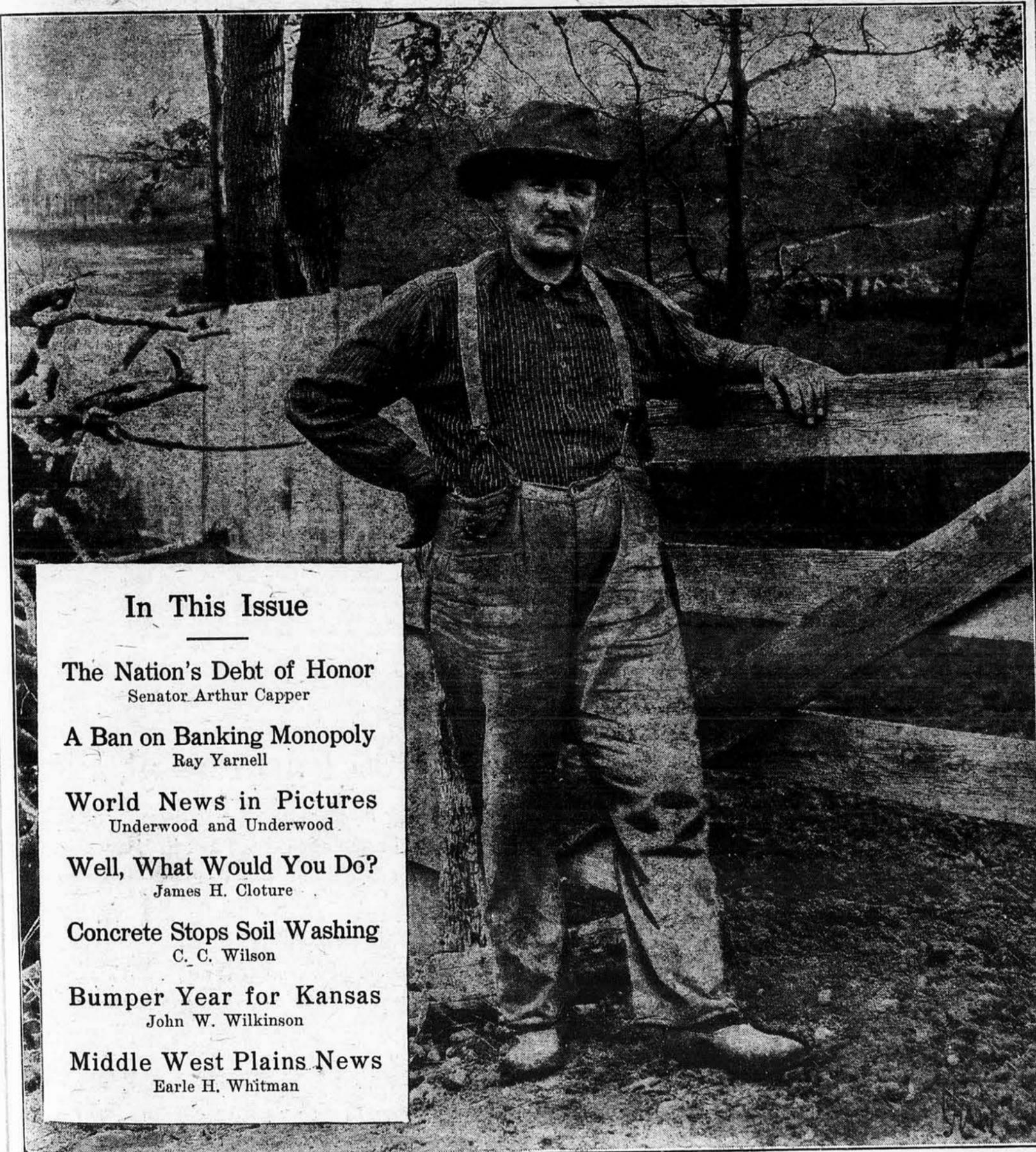
KANSAS FARMER AND MAIL & BREEZE



Volume 60

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Number 36



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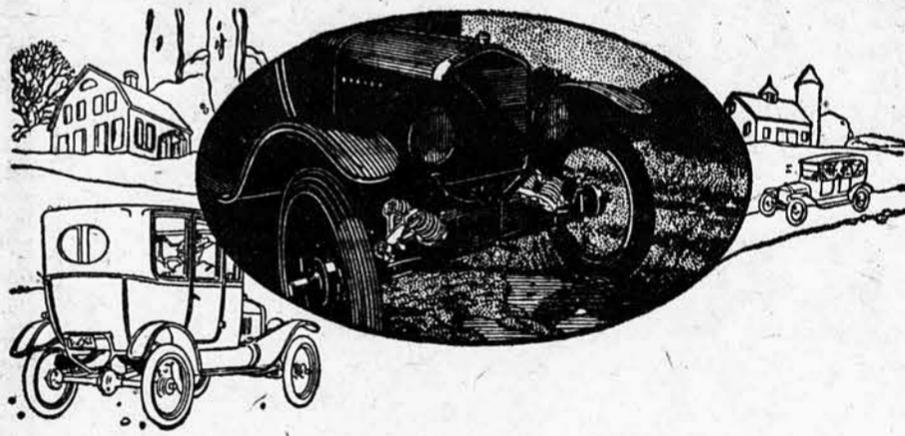
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Your Money—How to invest It

Cautious—Attentive to examine probable effects and consequences of acts with a view to avoid danger or misfortune; prudent; circumspect; wary; as, a cautious general.—Webster.

WHEN Webster wrote the definition just quoted he set forth the soundest kind of financial advice. The prospective investor, if he will conform to the behests contained in that definition, will escape many financial misfortunes and will save himself a wagon load of worries.

Caution is an admirable attribute but fear to act should not be confused with it. Caution is brave when it has the facts. It serves its purpose in obtaining the facts.

Study Investments Cautiously

Every contemplated investment should be cautiously approached and studied. Once the facts relating to it are at hand and assimilated, if they are satisfactory, there remains no further reason to hesitate. If they are unsatisfactory the proposition should be left alone. Compromise of that point of view inevitably leads to complications, probably losses.

There are certain basic factors connected with the investment of money that every investor should be familiar with and should never forget. First among these might be classed safety. An investment is not made so much for the interest return received as for the assurance that the return will be promptly paid and the principal kept secure and available in cash when needed without a serious discount. To obtain this safety, both of principal and interest, the investor must be satisfied with a smaller return on his money than if he is willing to take a chance on losing the interest and on having the principal decrease in sale value at least. Such investments are bonds of the United States Government, high class city and state bonds and the bonds of some of the most powerful railroads and industrial companies. The yield on these is low, now around 4.25 per cent, even less when they possess tax exemption features, but they possess the maximum of safety. There is no security safer than a bond of the United States Government. So long as that Government functions one of its bonds is worth 100 cents or more on the dollar to the man who holds it because at maturity it will be paid and coupons will be cashed as they come due.

The investor who wants as near 100 per cent safety as he can get should without question buy securities of the United States Government. They are the best the market affords.

Readers will recall that Liberty Loan bonds drawing 4½ per cent interest, since the armistice was signed have sold as low as \$82 or \$83 for a bond of \$100 par value. That low price occurred within the last three years. Today every issue of Liberty bonds is selling above par and the Fourth Liberties are quoted on the stock exchange at

\$101 or better. Those bonds have been worth \$100 every day since they were issued altho they could not be cashed for that amount.

It must be remembered, however, that extraordinary conditions prevailed during this period and that a tremendous amount of bonds was floated in the United States. That in itself would tend to lower prices.

Gigantic Money Demand Develops

During the time of inflation and expansion immediately following the signing of the armistice, there developed a gigantic demand for money. All business was expanding and needed capital and it bid up interest rates, because it could make a profit even on high rate money. That tended, also, to lower the price of Government bonds because much more attractive opportunities for investments were everywhere available, even tho they contained a greater element of risk.

Then came the period of readjustment, with its consequent depression. Many holders of Government securities were forced to dump them on the market in order to raise money to save themselves from failure. The market was flooded and prices slumped. It was bargain time in the bond field, not only for Government but for all other bonds and securities. The bottom dropped out of all stocks and bonds and the man who was able to buy in December of 1920 today could, if he desired, cash in with a heavy profit.

Bond Prices First to Recover

When readjustment worked itself out and business started back on the upgrade, bond prices were among the first to recover and they have climbed steadily since. Financial experts assert that they have not reached their crest as yet; but whereas good municipal and county bonds in Kansas a year ago were selling on a basis to net the investor 5½ per cent they are now being sold to net 4½ per cent, a difference of 1 per cent.

A 5 per cent bond, bought at 95 or 96, according to maturity, to net 5½ per cent a year ago in July, could be sold at around 102 today, showing a profit of \$6 or \$7 for the year in addition to 5½ per cent interest, tax free.

Safety should be the first consideration of any investor. He should investigate that angle first and if he is a beginner or only has a limited amount of money, he should be guided rather strictly by that consideration. He cannot afford to assume a risk of any consequence.

A good bond is the best investment any man can make. They can be purchased from reputable bond houses of which there are many.

There are many kinds of bonds, some safer and more desirable than others. These will be considered and analyzed in a future discussion in this series.

Meantime it would be well not to forget Webster's advice contained in the definition he wrote of Cautious.

12,000 Farmers at Picnic

Decennial of Organization of Farm Bureau in Kansas is Celebrated at Shrine Park in Leavenworth

THE spirit of co-operation is dominantly alive in Kansas. If there had been a doubter and he had been in Leavenworth last Saturday he would have been converted. In Abdallah Shrine park 12,000 persons, mostly country folks, gathered to celebrate the decennial of the organization of the Farm Bureau in Kansas.

The all-day picnic was unique in the history of Kansas. Probably it was the largest farmer picnic ever held in the state. Folks were there from all over Northeastern Kansas and in fact from various points thruout the eastern part of the state. It was by no means a local gathering.

And the significant thing about it was that these folks, every one a believer in co-operation, here did homage to the spirit of co-operation as exemplified in an organization which has given repeated evidence of its ability to serve—the county farm bureau, and

the man who runs it, the county agent. From early in the morning until late in the evening 12,000 persons milled in Shrine park, witnessed an exceptionally well directed pageant depicting the stirring scenes connected with the development of the West, ate upwards of 4,000 pounds of barbecued beef and enormous quantities of other food, listened to band music and speaking, visited among themselves and in a striking way made evident their belief in co-operation.

Ten years ago last Saturday the first county agent in Kansas went to work at Leavenworth. P. H. Ross, a teacher of agriculture at Jewell City, Kansas was the agent. He was called farm adviser as there was no Farm Bureau then.

In Kansas the farm bureau movement had its inception in the Wulfekuhler state bank at Leavenworth. A

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KANSAS FARMER and MAIL & BREEZE

September 9, 1922

By *Arthur Capper*

Vol. 60 No. 36

A Ban on Banking Monopoly

Senator Capper Would Curb All the Tendencies in that Direction

By Ray Yarnell



Feeding Cattle is an Important Phase of Agriculture and to Flourish it Must be More Systematically and Adequately Financed

CONCENTRATION of enormous capital in the hands of a few of the large banks of the country which would in time give them a virtual monopoly of the banking business of the United States is a present day menace and apparently a real one. Recently large banks in New York, Philadelphia, Washington, Chicago and St. Louis have been extending their activities by establishing branch banks in smaller cities and bidding for patronage outside their normal field.

On the theory that nothing of value can come from this practice and that in reality it affords opportunity for the development of a great banking monopoly, whether or not that is the actual aim, Senator Arthur Capper has introduced a bill in the Senate prohibiting national banks from establishing branch banks. A similar bill has been introduced in the House by Congressman Dyer of Missouri. The legislation is said to have the approval of Comptroller of the Currency Crisinger.

To Protect Country Banks

Monopolistic tendencies in banking are no more needed than in the steel or oil industries and actually would appear to be more dangerous. The development in banking most needed is the creation of some machinery to afford credit facilities that actually fit the requirements of the farmer rather than to make him continue to use facilities developed chiefly for the benefit of business firms and industry.

When the banking machinery of the United States was developed the farmer was left out of consideration. Perhaps, then, farming was not considered one of the major industries. At least banking facilities primarily were for the convenience of the business man, the merchant, manufacturer, wholesaler and even the speculator. The farmer got such accommodation as remained when the needs or wishes of

all the other classes were satisfied. So it always has been true that the farmer, in the case of credit, got the leavings. He has been taken care of when convenient. If the financial situation got critical it has been cus-

tomary to make the farmer liquidate first so that other borrowers would not have to liquidate so much or so rapidly.

Despite the fact that the nature of his business requires borrowings over long periods, the farmer, due to the existing banking system, has been compelled, irrespective of how difficult it was, to conform to the practice of borrowing on short time paper, 90 days to six months, for current needs. He has gone ahead on that basis, because he couldn't do otherwise, and has borrowed, knowing that he put himself in the power of the lender absolutely to ruin his chances of profit by declining to renew the loan and forcing him to liquidate at an inauspicious time.

This has been repeatedly true with livestock and in the development, particularly, of breeding herds, which requires several years. And the working out of the present system has been prolific of needless tragedies that under a saner system could have been avoided without loss to anyone and with gain to all. Nearly every year the problem of

adequately financing the harvest becomes acute. In most cases the work is accomplished after a fashion but with much lost motion and heavy cost. There is a lack of system in the process hence it does not function smoothly. In times of stress this machinery often breaks down more or less completely. It destroys resistance to unfavorable factors and creates fear instead of confidence. And the trouble is that our financial machinery is not adapted to rural financing. It is fitted to the needs of business in cities which has a steady not a seasonal income. It is such that speculators and stock gamblers can borrow millions more easily than a

stock which was far from equal to the amount of their loans.

These conditions are just as true of the grain exchange as of Wall Street. The speculator can borrow readily because he desires the money only for a brief period and banks always are looking for quick turnovers. They wish to keep their assets liquid. Very often they get them so liquid they trickle away, as in the Wall Street case.

The inadequacy of the present banking system in taking care of the farmers' financial needs has been apparent during the last two years. Farmers easily will recall what took place when deflation set in. Banks urged them to pay. They had borrowed on short time paper. Banks refused to renew. The farmer was forced to sell on a declining market, irrespective of loss.

Present System Inadequate

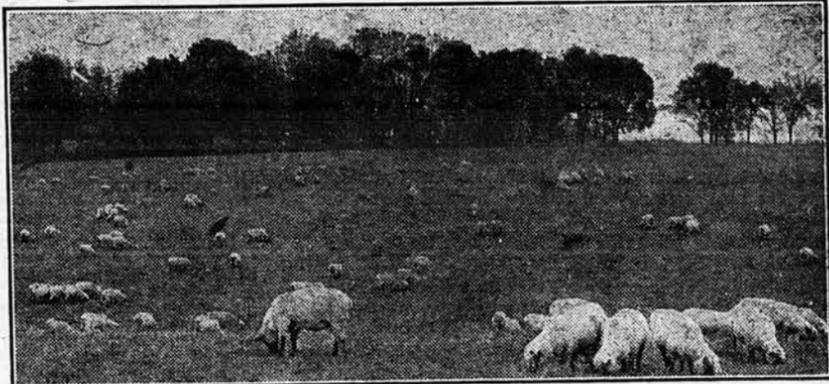
Even tho he was handling a long time project, like growing and fattening steers, or developing a breeding herd of cattle, and probably would have weathered the storm profitably if he could have continued, the banks often insisted on liquidation of the short time paper he had given to obtain funds. If that paper had not been subject to call, if it had run over a period of two or three years as it should, the livestock man would have gotten thru better than he did.

In the first place he wouldn't have had to flood the market with cattle and smash the price to smithereens. To be sure he eventually might have had to take (Continued on Page 13)



The Development of Breeding Herds in the United States Requires Long Time Credit if it is to be Done on a Big Scale and Successfully

farmer can borrow thousands. Witness the case of a Wall Street operator who recently went on the rocks. He had borrowed huge sums from New York banks largely on the security of his previous success and stocks he held which were highly speculative. Out of the mess the banks got the



The Existing Inadequate Financial Machinery in This Country Constantly is Working Hardships on Livestock Producers and Farmers

Concrete Prevents Soil Washing

By C. C. Wilson

UNTIL last year the washing of the soil from my farm had become so great that two ditches had been washed in the field which made it impossible to cultivate the land except in patches. I had tried putting straw, brush, wire and posts in the ditches at varying intervals and plowing the ground so as to cover the straw and I even took the trouble of hauling dirt and dumping this on the straw to keep it in place, but this did not have any effect. While mixing cement for a floor which I was building for a hog house, one day a suggestion came to me of a plan for filling those ditches with real soil, instead of rock, brush, posts, wire or straw. This idea I began to develop into a reality by building dams out of

cement at the mouths of the ditches where they emptied into a creek and using tiling to carry off the water.

In that way I filled the ditches which had become impassable for farm implements or even a team. This not only saved time in the cultivating of the ground but also saved the soil which otherwise would have continued to be washed away by the spring and fall rains so prevalent in the section of the country around Manhattan, Kan.

I started work on the dams by first digging down to a solid foundation which was about 3 feet below the surface or bottom of the ditch. I then constructed a form 4 feet wide at the

bottom and tapered it up to about 18 inches at the top and extending 1 foot into the sides of the ditch to keep the water from cutting between the edges of the ditch and the dam. I poured a cement mixture consisting of 1 part of cement to 2 parts of crushed rock and 3 parts of sand into the form. However, before pouring the cement I placed in the bottom of the form, two tiles, 10 inches in diameter, level with the bottom of the ditch, letting them extend on either side of the form so that the water could run thru. On the end of the tile facing the field I placed elbows and a 3 foot piece of tiling in an upright position on the top of each

elbow, so that the water would have to come to the 3-foot level before it could run out of the ditch, thus checking the flow of water and in this way catching the sediment that was forming in it, each time. As the ditch filled up I put on another section of tile and I continued this until the ditch was completely filled.

This not only has saved the soil that I had been losing but also has increased the fertility of my neighbor's field by checking the water, thus saving the soil in his field from washing so badly. The field that I had previously been forced to cultivate in three sections has now been converted into one field. This has saved me not only time and labor but has increased the productiveness of the land 50 per cent.

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Passing Comment—By T. A. McNeal

OFTEN I have seen a farmer or maybe a farmer's boy trying to plow ground with a dull plow and a light team. I do not need to say that such farmer or boy was doing a poor job. Somebody will say here that the farmer did not use good business judgment; that he ought to buy the best farming implements, a first class tractor for instance, so that he can cultivate his ground as it ought to be cultivated. The probability is if this farmer had tried to get the best kind of farm machinery he could not raise the money by borrowing or any other way to pay for the implements and if he could he would probably go bankrupt. Why? Because he would have too much capital invested for the use he had for it. Suppose he could raise \$2500 for an up-to-date tractor and the gang of plows that it can pull. He would have use for that tractor possibly for two or three weeks, the remainder of the time it would be idle capital, but his note at the bank wouldn't be idle. It would be running right along and finally he goes bankrupt trying to carry his interest. Without the capital he cannot get the improved machinery and it does not pay him to borrow the money. Without the best machinery he cannot farm his land as it ought to be farmed and therefore works hard but gets little or nothing ahead; more probably he runs behind. Now a dozen farmers, if they can work together can have the best farm machinery without any one of them having to invest very much, not as much as they have invested in poor teams and poor plows and other inferior machinery, and with the proper kind of co-operation and good management the machinery can be kept in-use practically all of the time so that there will be no dead capital.

Indifference of Voters

RECENTLY I read your article "Indifference of Voters,"—writes Herman Allen of Plymouth, "and believe you are too pessimistic. It is true that persons do not take interest in government as they should, but I believe that they take as much or more interest than when I was a boy. In my precinct there are about 150 votes cast at the general election. There were 26 in the primary. The greatest number attending the old time caucus was seven and sometimes only three and they were just the men who expected to go as delegates. "You ask whence this indifference springs. Our schools are supposed to teach patriotism. What they teach is only a form and has no good influence. In fact it rather raises a spirit of rebellion. We maintain schools to train teachers. They are taught to 'get by with it'—that an education is to be desired because it will make life easier, not because with an education one may do more good. "Then you speak of doubling production; we have produced more now than the world can buy at a figure that will pay us wages. Why not advise the farmers to adopt the 8-hour day and six-day week, instead of 12 to 16-hour days and a seven-day week? "They then might be able to earn as much as a section hand and feel like voting when election day comes. Generally men who work long hours have little time for ideals and ideas."

Strikes and Violence

IHAVE heard many persons remark that this is the worst strike the country ever has experienced. The fact is that there have been a great many strikes that were worse than this. Considering the number of men involved this has been the most orderly strike in the history of the country. There was 10 times as much violence and destruction of life and property during the great railroad strike in 1894 as there has been this time. There have been as there always are, a few hot headed turbulent men among the strikers who would like to start trouble, but most of the shopmen have not only been orderly themselves but they have continually advised order. They know the only way in which they can possibly hope to hold public sympathy is to conduct the strike in an orderly manner. The natural tendency of the general public made

up of those who are not financially directly or indirectly interested in seeing the strike succeed, is to be against the strikers and that regardless of the right and wrong in the controversy. The average man who is not a striker himself or connected in some way with the strikers is opposed to them because he does not care to have his business injured or himself inconvenienced. He does not take the trouble to investigate the merits of the controversy, but he knows that it interferes with business. If he is shipping freight of any kind he does not get it regularly and that annoys and discommodates him. Or it may be that the strike interferes with his pleasure. He is figuring on taking a trip somewhere and fears the strike will

of the lack of hired hands, stand a chance of becoming a drug on the matrimonial market. In order to lure to Kansas potential meal tickets to whom life is sweet they have sent out that Methuselah yarn. It may catch a few guys with weak lungs, but the wise ones will stay right here in Ohio, where the longer you live the less you die. Topeka for statistics, but Toledo for the naked truth."

I confess a divided allegiance. I was born in Ohio and lived there until I was grown. I know something about the "murmuring Maumee." We may out here in Kansas "live on corn and bull beef" but even that compares fairly well with the powerful cat fish diet of the dwellers by the "murmuring Maumee." If exercise is conducive to health the dwellers by the "murmuring Maumee" ought to be the healthiest people in the world for the man or woman who lives there has to take exercise whether asleep or awake to have his or her veins sucked dry by mosquitoes. There are mosquitoes along the Maumee with legs as long as the legs of a sand hill crane and bills like a whaler's harpoon. When as many as three of them began singing at one time a stranger in those parts would begin to look for clouds under the impression that there was a thunder storm. It took a full blooded man to provide one feed for more than two mosquitoes. Some of the old fashioned doctors had tame mosquitoes they carried about with them and used them to bleed their patients. Modern doctors do not need any help of that kind. When I was there the natives were divided into two classes, those who had chills every day and the plain, common people who could only afford to have a shake every other day. Dentistry was a failure along the "murmuring Maumee" because no man with the "Maumee chills" could keep a set of false teeth in his mouth. A few of the aristocrats insisted on wearing false teeth. They carried fish nets over their mouths to catch the plates when they flew out during an ague chill; the rest of the inhabitants just "gummed" it. Of course that did not apply to all of Ohio by any means. In many parts of the state there was no ague and very few mosquitoes, but the man who considers existence by the "murmuring Maumee" a happy life ought to have no fear for the future; he will enjoy hades.

Thoughts of a Wanderer

BY BERNARD RAYMUND

I have come home again to meadow-land and orchard,
 And the deep, cool fingers of home wind fast about my own,
 While broken words of love are sounding at my shoulder,
 Saying—You were away, and everything was lone.

The hills you knew, and meadow-land, and house were empty,
 The cherries blossomed and the petals fell unseen,
 The dark fruit rounded, ripened, and was gathered,
 And oh, how empty was the place where you had been!

Sometimes the dogs would come, whining softly for you,
 Asking for a romp across the windy fields once more,
 Wondering what kept you so, worried and bewildered,
 Waiting for your eager step, your whistle at the door.

—Yes, I am home again, the chimney smoke is rising
 Straight against the sunset, and lo, a window gleams;
 But there's no voice at my shoulder, no clasp of dear cool fingers,
 Only the quiet frost and the dim-eyed sorrow of dreams.

upset his plans. Consequently he is disposed to blame the strikers. He thinks they ought to go to work so that his business may go on as usual. The longer the strike continues the more likely public sentiment is to be against the strikers and therefore the more necessary it is that the strikers themselves maintain the strictest order.

Kansas and Ohio

MY ATTENTION has been called to an article that appeared in the Toledo Blade of August 9 comparing Kansas with Ohio. The writer lands hard on Kansas and does it well, so well in fact that I am not surprised at his statement that he used to live in Kansas. He is moved to write by the story that people live longer out here in Kansas than anywhere else in the United States. He writes like a Kansas man and I am rather proud of him. Just note his style and you immediately detect the breeze of the prairies. He says: "Now I came from Kansas about the time the grasshoppers left, but not before the roosters out there quit laying eggs 'as big as beer kegs,' and I am prepared to say Kansans do not live longer than we in Ohio do. It only seems longer. There's got to be some compensation for living in a state that picked a sunflower for its favorite flower when it might just as well have had a pansy. "Now here in Toledo, where you'll do better, I don't care whether you live only threescore and 10 or a century; it's twice as long as 150 in Kansas, on account of the fun you have. Out there they live on corn and bull beef, while here we thrive on everything from Aunt Jemima flapjacks to sea food from the murmuring Maumee. Years are as days here, while in the far western Jasper commonwealth a week seems like a 90-day vacation for moonshining. "I'll tell you the inside stuff about this long-life blast from William White's state. There are about 10,000 farmers' daughters out there who, because

Barney Sheridan

THE old Irish war horse of Paola, Barney Sheridan, is going to begin the publication of a state Democratic paper at Paola to be called the Democratic Spirit. The first issue will be October 2 and the price will be \$1 a year. Democratic state papers in Kansas never have been a financial success. I do not know whether Barney Sheridan can do what no other Democratic editor has been able to do, but I will say that if Barney cannot make a success of such a paper the case is hopeless. It seems to me that the strictly partisan paper practically has gone out of fashion. Take the case of Barney's own paper, "The Western Spirit" which has been running now for an ordinary generation; it has grown away gradually from partisan politics until if the reader does not know that the editor is a Democrat he might read a great many issues without discovering that fact. The best things that Barney writes, and he writes many good things, are not political at all, and somehow I think he enjoys writing such articles better than he does whang-whanging away at politics or boosting some politician who happens to be on the Democratic ticket. I am fond of Barney and hope that his paper will succeed, not that I can see any particular need for a state Democratic paper but just because I do not wish to see Barney disappointed.

Prophetic Nonsense

AWELL dressed and mild mannered man recently handed me a paper, and asked me to read it. I told him I would and I have kept my promise. It purported to be an explanation of Scripture prophecies, and the writer arrived at the conclusion that the end of the world is near. Well, for all I know it may be. It may be that before this has time to be circulated among the readers of Kansas Farmer and Mail and Breeze

the old world will explode, or it may be that some great calamity will sweep away 95 per cent of the inhabitants. Just the same this paper the gentleman handed me, and which I spent an hour or two in reading, seems to me to be about the most solemn nonsense I have ever read.

It was the old stunt of trying to prove that certain remarkable incidents in the history of the world were referred to in the prophecies of Daniel and John of Patmos and other seers. Now I have read these prophecies; when I was a child I had read them and since I have been a man I have read them again because I was interested in trying to determine what Daniel and John were talking about. I claim to be a person of average intelligence, but I frankly confess that I have no idea as to what those ancient gentlemen were talking about, and I do not believe that any of these prophesy experts know anything more about it than I do.

The next time some solemn looking party hands me a paper devoted to the explanation of Biblical prophecies I will not promise him that I will read it.

I note that some of these explainers of prophesy say that there will be a select few of the real saints saved; the number according to their figures will be most discouragingly small, considerably less than 1 per cent of the total population; in fact if they are right I guess that not more than one in a thousand will have a chance of pulling thru.

In that event my chances for being saved are so small that they are negligible and to be perfectly frank about it, I think I would prefer being lost along with the rest of the billion and half to being saved, especially if it meant that after I was saved I would have to associate thru eternity with the bunch of cranks who fall for this prophesy stuff.

Farmers' Service Corner

READERS of the Kansas Farmer and Mail and Breeze who desire to have legal advice or who wish to make inquiries on general matters may receive whatever service we can render in this way free of charge, but the limited size of our paper at present will not make it possible to publish all of the replies.

Legal Rights of a Wife

A and B are husband and wife. C is a sister of A's. A and B hold property together, real estate in Oklahoma. A told B he owed C money and asked her to sign over real estate to satisfy C's claim. B refused as it would leave them penniless while C was already wealthy. A then refused to support B and ordered her to leave their home which she did. He has not supported her since then. A sold all the household and personal belongings and then went to live with the son to whom he represented himself as destitute. This son still supports him and has for eight years. A refused B any of the proceeds of the real estate although she is more than 70 years old and the son has taken her to his home as she is destitute. This son has four children under 11 years old and only earns \$100 a month, owns no

home and has no income from any other source. Cannot some provision be made to force A to either give B her share of the property or support himself and her? A says all they possess is fixed so that C will get everything. Is this legal? E. S. G.

If the husband has any property or is physically able to take care of his wife, he is bound to support her. If he has real estate which is not encumbered by mortgage to such an extent that there is no equity in it, she could go into court and demand a division of this property.

Is He Eligible to Pension?

A enlisted in Company K of the 21st Kansas June 10, 1863. He was drafted with the rest of the regiment into the United States Army serving at the battle of West Point. He was released from duty October 18, 1864. He is 75 years old. Is he eligible to pension? G. A. D.

Evidently the writer of this is slightly in error as to the number of the regiment. The last Kansas regiment mustered prior to the Spanish-American war was the 10th. The 20th Kansas was the first regiment mustered during the Spanish-American War. However, I assume that this is a mere slip of the pen and that this man belonged to the Kansas militia.

Now if he was actually enrolled in the service of the United States and discharged from the United States service, he is clearly entitled to a pension. If, however, he went into service as a good many others of the Kansas militia did but never was regularly enrolled in the United States service, it would require a special act of Congress to put him on the pension roll. There is a bill pending in Congress and which I hope will become a law which will put all the Kansas militiamen who actually served in the border war during the Rebellion on the pension roll. I would suggest that you write to your Congressman, Hon. Phillip P. Campbell, and ascertain from him just the status of this bill. Also write Hon. Frank Gable, Lansing, Kan.

Liability of Union Directors

Have the directors of a Farmers' Union the right to borrow any amount of money on the organization without being authorized by the stockholders? To what extent are the stockholders responsible for a debt so created? Are the directors responsible for money received for wheat which was stored in the elevator which was sold and cannot be accounted for? What can stockholders do to the directors for that? W. H. F.

I presume the writer of these questions refers to a local co-operative association, probably a local elevator association. While this is called a Farmers' Union elevator it is not, if I understand, under the direction of the parent organization. That is it is not the Farmers' Union. The Farmers' Union as an organization is not a stock organization. That is there are no stockholders in it, but where elevators have been organized they obtain a charter and issue stock under our law providing for the organization of co-operative corporations. Now as to whether the directors have any authority to borrow

money, that will depend upon the conditions of the charter and bylaws of the organization. I would say that the directors of these local organizations are generally clothed with powers of this kind. Of course, the stockholders have the right at any time to investigate the dealings of the directors and also to amend their bylaws to prevent the doing of acts by the directors which are contrary to the will of the majority.

If the directors exceed their authority they would become personally responsible and if they collect money and fail to account for it they would be guilty of embezzlement. The stockholders would not be held responsible except up to the par value of their stock.

Validity of Mechanic's Lien

In 1914 I deeded my wife 200 acres of land subject to a mortgage of \$300. This deed was not recorded until October, 1921. Would this deed be good before it was recorded? In October, 1920 I signed a personal note for one year with no security for a light plant which was installed in the house located on my wife's place. She did not sign this note. About 30 days after I signed this note the company from which I got the plant filed a mechanic's lien on the place. Would this lien be valid? H. P. E.

The deed would be a valid deed as between the grantor and the grantee, altho it was not recorded. It would not be good, of course, as against a subsequent purchaser. The object of having deeds recorded is to protect subsequent purchasers.

I am of the opinion that the mechanic's lien filed is good and that it can be enforced as any other mechanic's lien.

Various Questions

1—A and B are husband and wife, each having one child by a former marriage. At the time they were married B owned 320 acres in her name. A was living on a homestead. Forty months of the five years necessary to prove up on the homestead had elapsed when B moved on the homestead with A at the time of their marriage. When the five years were up proof was made in A's name. To what portion, if any, of A's homestead is B entitled and to what portion of B's land is A entitled? 2—What would be a reasonable sum on which to rear and educate a girl thru the grades ready for high school from 8 to 15 years, her parents being in moderate circumstances? A. B.

1—As long as A and B live each of them is entitled to control his or her own land. At the death of either without will, half of the property of the deceased would go to the surviving husband or wife. Of course, either of them has the right to will all the property to the surviving husband or wife, or either of them has the right to will one-half of his or her property as desired. But under our Kansas law the surviving husband or wife cannot be prevented from inheriting one-half of the deceased husband's or wife's property.

2—As to what would be a reasonable sum with which to provide for the rearing and educating of a girl from 8 to 15, there would be as many different opinions as there are different individuals.

The Nation's Debt of Honor

From Senator Capper's Speech on the Bonus Bill, Delivered in the United States Senate at Washington, D. C., August 29, 1922

MR. PRESIDENT, I am for the Soldiers' Adjusted Compensation bill because I believe it was nothing more than a square deal for the boys who did the fighting. We all cheered the soldiers madly when they went to the depot in 1917, but now we seem to be singing a different song. All other nations participating in the World War gave their soldiers a bonus and did it promptly. The United States is better prepared to do this than any other nation. I favor the bonus as a matter of right and not as charity. It is a debt of honor justly due these men and it should be discharged cheerfully and promptly. It is true our Government is carrying a heavy load, but the total cost of the bonus bill will be less than 4 billion dollars spread over a period of 40 years.

Government's Responsibility to Soldiers

This country, with all its unstinted force and power, during 1917 and 1918 unselfishly gave to the world thousands of lives, billions of dollars, and because certain groups always profit by war, thousands were made wealthy. Thousands that were made wealthy are now the chief opponents of equalizing the opportunity and pay of thousands of men who sacrificed all ambitions and worldly goods in a spirit of patriotism, never known before in any country in the world. It is being proved daily that the Government has failed even to provide properly for its disabled and the dependents of thousands who gave their lives. If this be true, it is equally true that the Government has failed to express the gratitude of the people to the men and women who served in the Army, Navy and marine corps during the war. So far as I know the only thing done by Congress to express the gratitude of the people in a fitting manner was a resolution of thanks passed by Congress and presented to General Pershing, and when General Pershing accepted it he accepted it for the men who fought under him and not for himself.

It is quite true that the Government could not attempt to pay every individual for the service

that he or she rendered. The service man lost more than a year's time and his prospects for advancement or for a complete education—some men sacrificed their lives. Thousands are wounded or maimed for life, and many sacrificed thousands of dollars. Some are better men for their service, and others never will recover from the strenuous days of their disrupted lives. But the Congress expressing the will of the people, can in some measure during the difficult time of readjustment attempt to assist these noble men to re-establish themselves.

The Five-Way Plan

The bonus we are proposing is simply a part of the "five-way" plan by which we offer to ex-service men the choice of farm land, an education, aid in buying a home, or a paid-up insurance policy.

Mr. President, I believe the war profiteers and the peace profiteers owe a bonus to the soldiers of the World War. There is no better guaranty against militarism than to require the men who profited out of war to pay for it. Those who remained at home made enough here in the United States to enable us to pay many times over the debt we owe to the men who fought our battles. Wall Street desires to pay it with a sales tax, which would be collected largely from the farmers, the laboring people and others, in the form of a tax on food and clothing and other necessities. I will never cast my vote for a sales tax or any other device which shifts tax burdens to the backs of the poor in higher prices and increased cost of living. Taxes to pay the bonus or taxes for any other purpose should be laid upon wealth in proportion to ability to pay.

Profiteering during the war produced one American millionaire for every three American soldiers killed in France. I should like to see the Government recover the hundreds of millions of dollars stolen from the National treasury by the crooks and grafters who profiteered off the Government in war contracts and then use that money to pay the soldiers' bonus.

Then there's another way we can raise the money.

Let's go after the billions that the foreign governments owe us, collect the interest promptly and pay it to our soldiers. There is no use disguising the fact that our international bankers desire us to wipe out this foreign debt. It will make their foreign securities that much stronger. If we decline to cancel this debt these governments probably will try to borrow more money from us to pay us what they owe. So far as I am concerned, I shall never vote to cancel one dollar of that debt, and I never will vote to lend another dollar of Government funds to any foreign nation.

Mr. President, the Congress has authorized the settlement of claims of all other groups suffering economical or financial losses during the war, and it is but justice that we now propose to equalize the compensation of the men who actually fought and won the war.

We have paid a total of \$225,241,000 to date as a bonus to federal employees.

Other Cases of Adjusted Compensation

The Navy has received 70 million dollars as an adjustment of compensation.

The regular Army was paid an additional 25 or 30 million dollars of cash from the Nation's strong box.

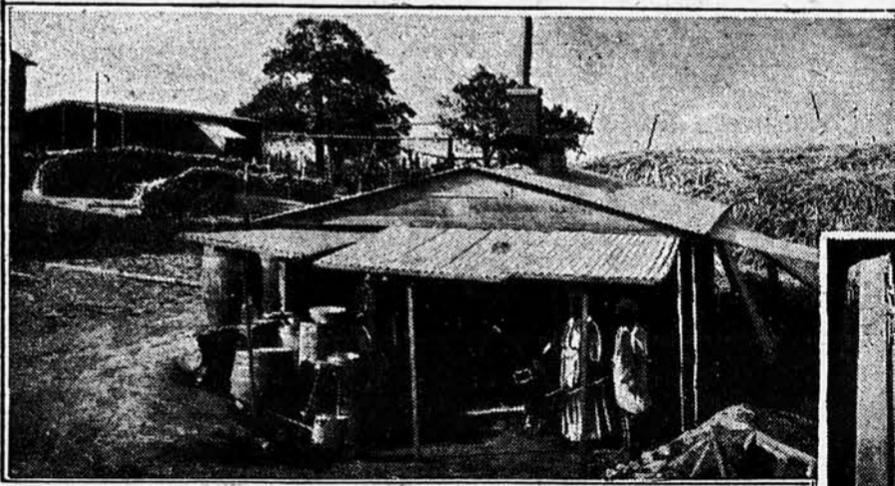
The pay of the Coast Survey, the Coast Guard and the Public Health Service was war-adjusted.

The war contractors have received in excess of 3 billion dollars as an adjustment of pay on their contracts in addition to the countless millions they made while the soldiers were risking their lives for a dollar a day.

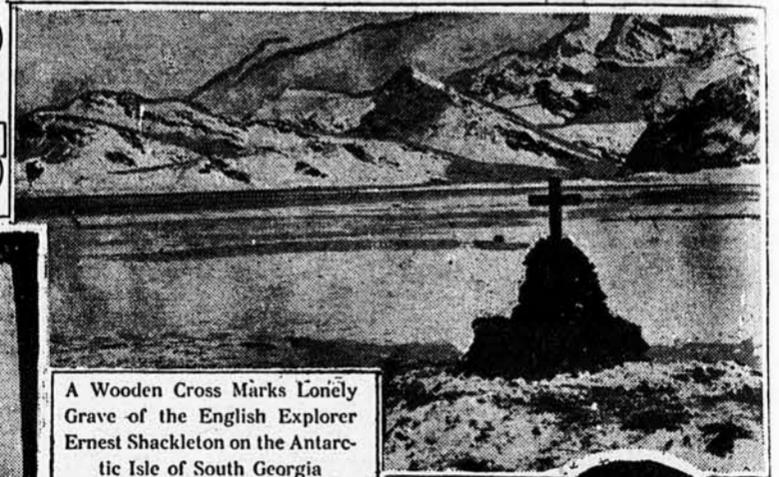
The railroads also have received an adjustment of compensation. Under the Transportation act, \$764,271,010 has been paid to the railroads up to August 1, 1922.

The Government has recognized the principle and has paid out to others in the meantime more than the present legislation calls for. And still the soldier waits, altho more deserving than all other classes of persons in the United States.

News of the World in Pictures



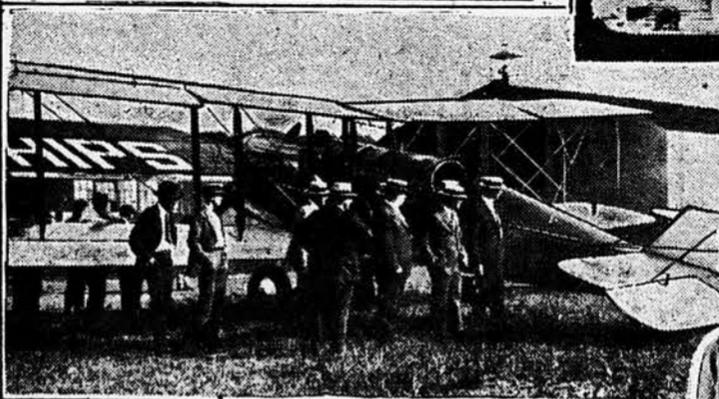
Sorghum Grinding Mill and Sirup Factory in Eastern Oklahoma Where a Great Deal of Long Sweetening is Made: Sorghum Molasses Instead of Sugar was Used in Olden Times by Many for Sweetening Coffee, Tea and Pastry



A Wooden Cross Marks Lonely Grave of the English Explorer Ernest Shackleton on the Antarctic Isle of South Georgia



On the Right is Walter S. Allward of Toronto, Canadian Sculptor Who Designed the Million Dollar Memorial to Canadian Soldiers to be Erected on Vimy Ridge: Its Construction Will Require Five Years



Postmaster General Work with His Second and Third Assistants and the Chief of the Air Mail Division and Other Officials Inspect the New Air Limousine Near Washington, D. C.



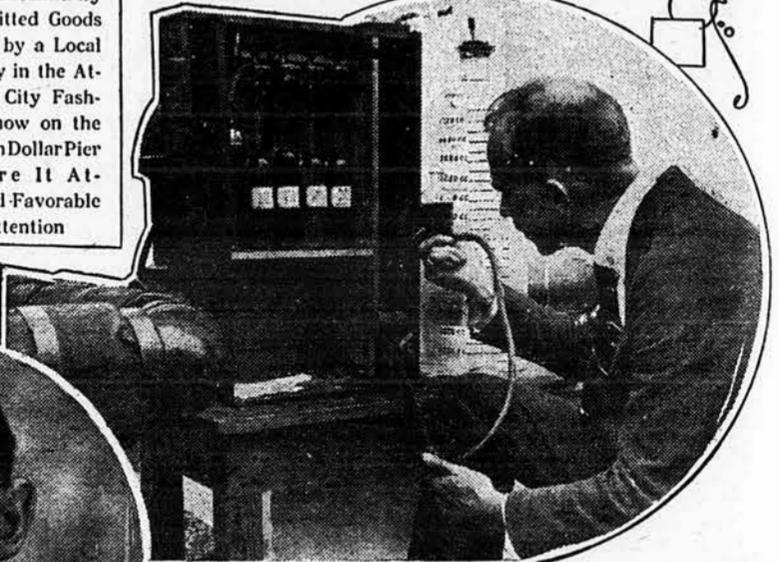
Monument Dedicated to the Original Delicious Apple Tree at Winterset, Ia., at Left of Stone is Paul C. Stark of Louisiana, Mo., W. S. Herrick of Iowa, Professor Hanson of North Dakota and Others Interested in Horticulture



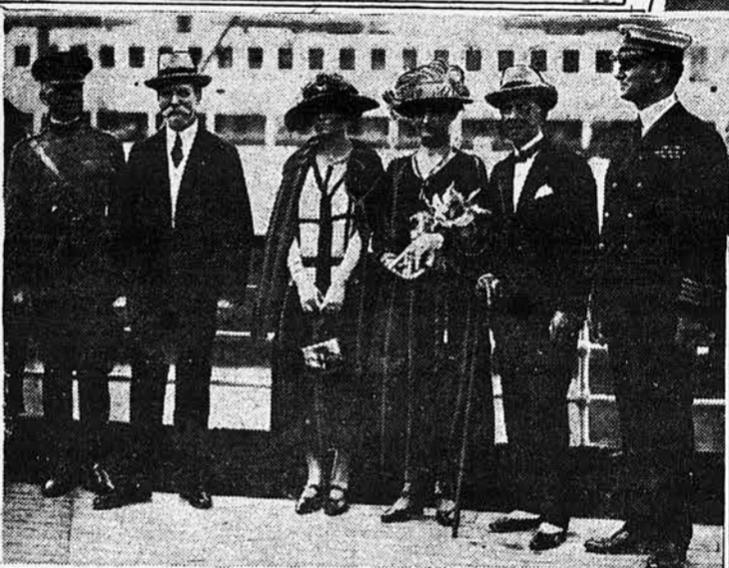
A Dress or Sports Suit Made Entirely of Knitted Goods Worn by a Local Beauty in the Atlantic City Fashion Show on the Million Dollar Pier Where It Attracted Favorable Attention



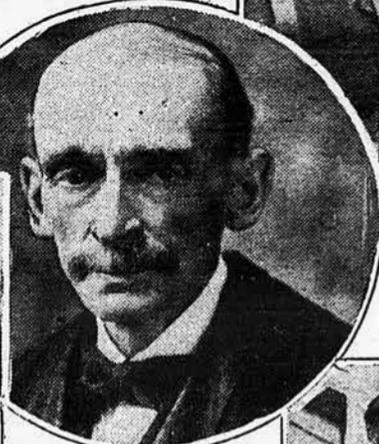
Powerful Pick-up Microphone Enables Thousands of Radio Fans to Hear Music Produced in New York City But Broadcasted from Newark, N. J., More Than 25 Miles Away



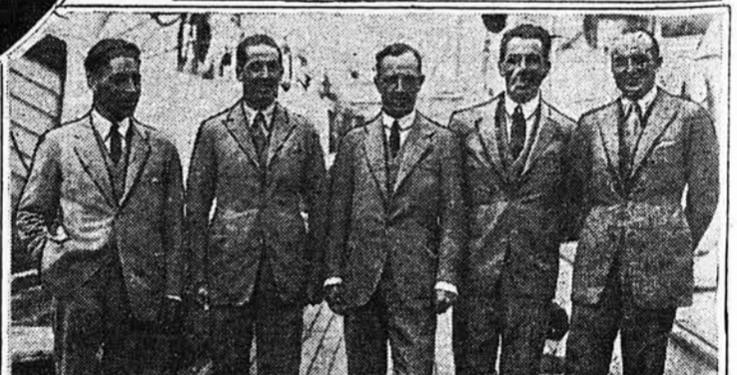
W. H. Waggaman of U. S. Bureau of Soils Studying Fuel Costs and Methods of Cutting High Costs of Preparing Phosphates and Other Kinds of Farm Fertilizers and also for Eliminating Unnecessary Wastes



Charles E. Hughes, Secretary of State and Special Party Sail for Rio Janeiro to Attend the Brazilian Centennial Celebration as Our Representatives



Justice William R. Day of the U. S. Supreme Court Who is to Act as Final Arbiter in Settlement of War Claims Between the United States and the German Republic



Argentine Polo Team Arrives From England to Play at Rumson, Meadowbrook, and Philadelphia Before Returning to Its Native Land

Well, What Would You Do?

Clay County Farmer is Trying to Decide Whether to Go Into Dairy Cows and Play Safe or Stick to Feeding and Take a Chance

By James H. Cloture

WILLIAM BAUER is at the turning point. He is sold on the value of the dairy type cow on the average farm as a money maker. He has no prejudice against milking cows, because he has been doing it for several years.

But Bauer has been a feeder nearly all the time since he started out for himself. He has fed cattle and hogs. He has been in and out of the feeding game and the net result of it all, he says, is that there isn't much to show on the credit side of his bank book for the risks he has run.

Heavy Risks in Feeding

Bauer knows there is heavy risk involved in feeding. He also knows that there are chances for big gains. Some years when conditions are favorable a feeder will clean up. He will make a great deal of money in a short time. There are other years when his losses mount just as rapidly.

It is a good bit like exclusive wheat farming. There are times when the wheat farmer is sitting on top of the world with his pockets full of cash. There are other times, probably as numerous, when the wheat farmer is the next thing to being broke, owes big bills at the stores and has to borrow money to plant his next crop.

Feeding and exclusive wheat growing are highly speculative. That is why both hold a powerful lure for the man who is willing to take a chance.

All Bauer's past pulls him toward the feeding game. He was brought up on it. He has seen neighbors and relatives clean up in it. He is equipped to take a flyer.

Bauer knows a great deal about feeding, too, which complicates the situation. He produces considerable feed stuff, corn and forage. He grows some pasture and is close to market.

But this Clay county farmer is hesitating. He likes dairy cows and he wishes to put them in the place of these he is milking which he describes as "ordinary cows."

One thing Bauer knows—there is safety in a dairy herd. The income is regular and certain. He can count on it every month in the year. He also knows that milking cows will pay, that he will get a good price for his feed, pay for his labor and a profit besides.

"When I take a can of cream to town I know I will get cash for it," said Bauer. "When I am not milking cows I usually have to go to the bank for money to meet operating expenses until I cash my crops or cattle. My common cows made me from \$10 to \$12 a week last winter. Good dairy cows ought to produce double that amount. I have come to the conclusion that I ought to milk 12 cows."

There comes the complication. If Bauer milks a dozen cows he doubts whether he will have time to feed a bunch of steers or handle hogs on a large scale. He has 200 acres to work

and that consumes a great deal of time. Milking cows takes time, too, and constant attention.

So Bauer, like many another Kansas farmer, is up in the air. He desires to get ahead as quickly as he can, like all the rest of us, and quite naturally.

Safety, and certain ultimate success, lies along the milky way. It will take time to travel, but it will bring results. The other road has many hazards but it also holds rich rewards. The fellow who travels it may land in the ditch with a wrecked car, or he may reach his goal in record time. It is a gamble, no more, no less. I have no quarrel with the man who travels it if he knows what he is doing. Every man must pick his path for himself and then walk in it.

Bauer is a good farmer. He has diversified his operations. He works with the cow and the sow and the hen.

He rotates his crops and keeps his soil in good condition. He isn't a one-crop man, and never was.

I think Bauer will buy those dairy cows. The chances are that if he does he will find it possible to do a little feeding along with his other operations.

With a dairy herd, his flock of White Leghorns and his system of cropping, Bauer would be relatively safe in farming. He would be sure of a steady income and he could afford to speculate in feeding. It would be perfectly proper for him to do so.

Two years ago Bauer fed 100 steers. The net result, he says, was that he lost his crops after he had harvested them.

Some of His Best Crops

This farm is producing 70 acres of oats this season. Alfalfa is growing on 30 acres and corn on 50. The remainder is planted to wheat. Bauer plants oats after corn, followed by wheat. Regularly he plows up alfalfa ground, to get it into his rotation, and seeds a new area.

There is no native pasture on the farm. Alfalfa is used instead, and some Sudan grass is grown. It has been very satisfactory as pasture but Bauer does not like it for hay.

There are 15 sows on the farm. Twenty this spring managed to save only 35 pigs. These will be fed out. Bauer has a hog house 18 by 60 feet in size. It is floored with concrete and there is a large concrete feeding floor adjoining. The house contains 19 pens.

Silage is used extensively for feed. Bauer has a 130-ton silo. Kafir and cane are grown to fill it. A year ago 10 acres produced sufficient.

An addition has been built to the barn to house the milk cows. It has a concrete floor and feed bunker. Wooden stanchions are used. If Bauer increases his herd there is room for several more cows in this addition so he will not have to build a new barn.



William Bauer, Clay County Farmer, is Equipped With a Silo and a Good Barn Either to Go Into Dairying or to Feed Cattle and Hogs

Look for the Outside Man

There is One With Nearly Every Carnival Concession and His Business is to Rope in the Suckers for the Games Which are "Fixed" Against Them

By An Old Showman

THIS is a story written for the purpose of saving you some money if you are one of those persons who attend street shows and carnivals and who participate in the games of chance at those shows.

You have all seen the swinging ball game, where a bowling ball is suspended on a chain, and the game is to swing the ball around a bowling pin so that you miss the pin on the out-swing and knock it over on the back-swing. You have seen us perform this trick time and again. How easy it seems. All you do is swing it out and as it comes back, bingo, over goes the pin and you win. Easy as falling out of bed and not one-half so painful.

The next time you see a sucker trying to beat that game, watch the man who runs it. He either has a sharp pointed nail on which he sets the pin so that it cannot be knocked down, or he will lean against the upright at the end of the booth. This can be swayed ever so little and still throw the ball off on the back-swing so that you couldn't knock the pin over in a thousand years unless he permitted you to do so. In short, you haven't the slightest chance in the world to win.

You have seen the game of roll down in which six rubber balls are rolled down an incline to come to rest in numbered holes. The holes are numbered from 1 to 6 and we tell you that if you total 6, 7 or 8, or 34, 35 or 36, you win a prize. We give you one or two free trials just to tease you along, and on your second free trial we count your score for you. We have spent years in perfecting a line of talk as we count up these scores which so con-

fuses you that you cannot tell whether you scored 6 or 60.

Of course, when you roll the balls free, you cannot expect a prize even when you roll a winning number, so on your second free roll, we count you up a winning number and that is all you need as bait. Most of you will then spend a quarter or a half dollar trying to do what you thought you did once before. Some of those boards are straight and others are not. We usually work a crooked board until someone gets wise to the arrangement, and then we switch to a good board for a while. For instance, we will work a board that only has three holes bearing number 1, and four holes bearing number 6. You couldn't possibly roll a score of 6, 7 or 8 on such a board, nor could you roll 35 or 36.

I have operated such a board for several days before it was discovered, and then I have always put the blame on the man who owned the concession and made a big fuss over the fact that he gave me the wrong board. Sometimes, I have permitted the player to take his chances over again free, using only three balls and giving him numbers 3, 4 and 5 as winners instead of 6, 7 and 8. He has a much better chance this way, but he will not win once in 10 chances even then, and he usually is satisfied that I am on the square. As soon as he leaves, I put back the other three balls again and catch the next sucker. Now, don't you have a fat chance to win on such a board?

This partnership business of bringing in suckers is the greatest of all the crooked games of a carnival. It requires a man on the outside to play into the hands of the man behind the counter. This is the way we work it.

The outside man stands around close to my booth and as soon as he sees a likely looking sucker coming down the midway, he steps up to my booth and begins playing my game. The easiest game for him to play and pull in the greatest volume of business is some kind of a number drawing game. We all keep a cigar-box full of little round paper disks bearing numbers, and we pull this out from under the counter and begin drawing numbers. Certain numbers are winners and others are losers. We have the winning numbers in red and the losers in black on a chart on the box lid.

The outside man lays down a half dollar and draws two disks, neither one of which are winners. He then lays down another half dollar and draws two more. By this time the sucker has come up and is standing looking on with mild interest. Neither of the second two numbers are winners, but our outside man is a game bird and takes a third draw of two numbers and invites the sucker to draw one for him just for luck. The sucker obligingly draws a number for this stranger and it wins a prize. I ask my man if he prefers the prize or a \$5 bill instead, and he chooses the money. He pockets my five-spot and shakes hands in a very animated manner with the

sucker and thanks him most warmly.

By this time, there are already seven losing numbers which have been drawn out of the box and only one winner. With a total of 36 numbers, half winners and half losers, that leaves only 11 losers and 17 winners, so my outside man makes me a proposition that he will continue to draw these numbers out, doubling the price he pays for every draw if I will leave the disks out as he draws them from the box. I refuse that, but tell him that I will accept a dollar apiece for three draws, and pay him \$5 if he draws a winner, and after a little haggling, he takes me up.

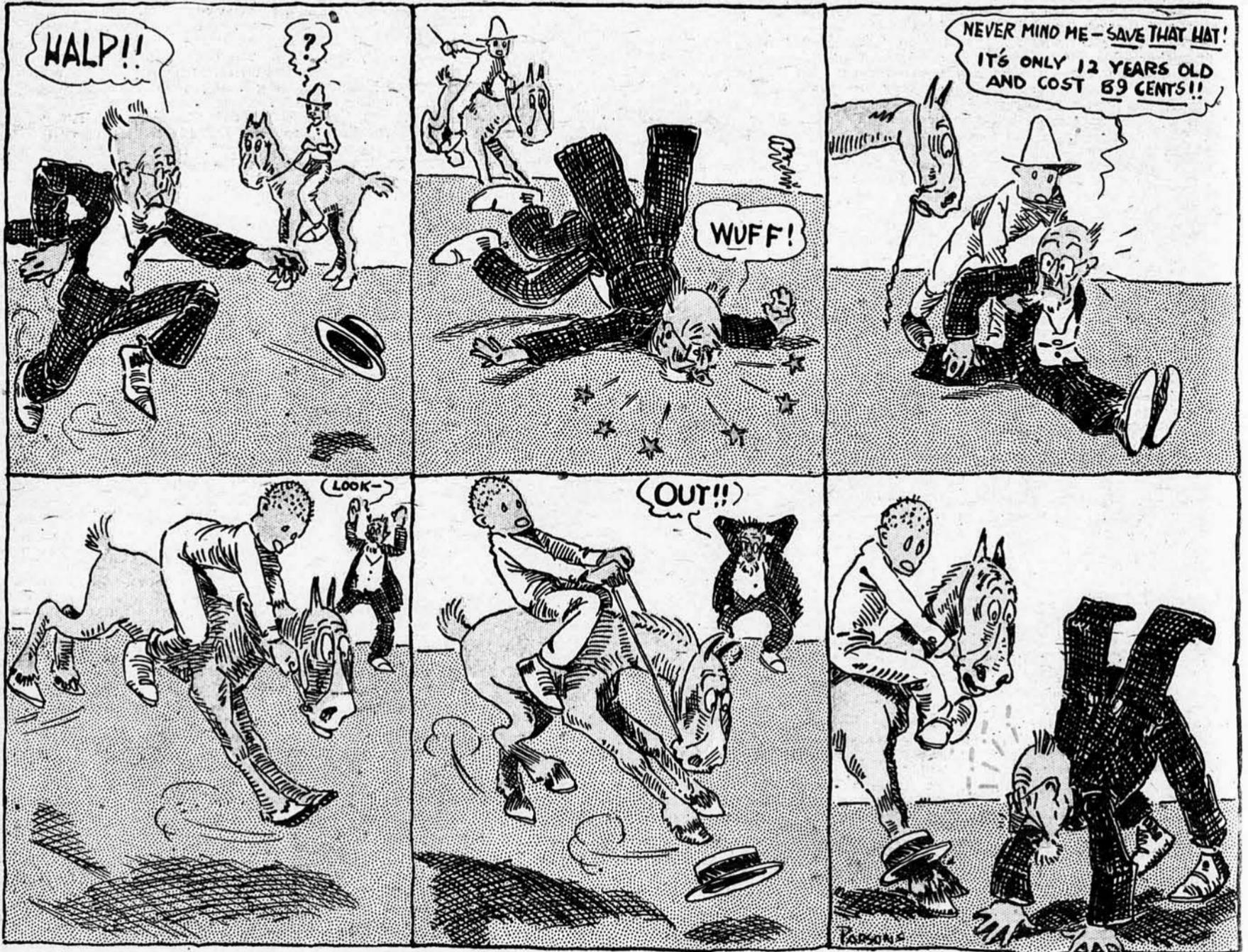
He draws once and loses, draws again and wins, and loses on the third draw. By then I assume a cold sweat and our sucker friend is more than mildly interested. He wishes to get in on the game, too. I call a halt, however, and explain that there are now only nine losing numbers and 16 winners left in the box, and they have the advantage of me so I must raise my odds. I propose to let them draw for \$3 a draw for only two draws, and the sucker, of course, is anxious to take a crack at it. He pays his \$3 and draws a loser.

You no doubt wonder why the sucker is unable to draw a winning number when the odds are in his favor seemingly. That is easy to explain. The winning numbers simply are not in the box nor were they ever in there.

If you would not be skinned, refrain from taking a hand in our games of chance, for what you think is a chance to win is simply a chance to spend your money and get nothing in return.

The Adventures of the Hoovers

Western Zephyrs Played Unkind Pranks with Uncle Abner's Straw Lid and Buddy's Wild West Steed Finished the Job in Proper Style



Tom of the Peace Valley Country

BEHOLD the undreamed spectacle of Sam Woodson, knight of the rod and gun, awkwardly steering a team and cultivator while he "scoured" shovels that had wintered under the "Big Shed." Behold again patient scouring and polishing with sandpaper and grease rag to conquer the obdurate rust. The cultivator was old and rickety but the shovels on Bob Durham's new riding plow were no more glistening than those on Tom Woodson's cultivator when he took the field for the first cultivation. And how that corn had grown. Inwardly exulting as one after another of the valley dwellers came sauntering down to the Parsons field to watch the work, John Roberts realized that no longer would Tom fight his farm battle alone. At last the call of blood had conquered and prejudice had given way before loyalty. To a man and woman and child the valley folk were behind "blood kin." And woe betide the "Outsider" who played unfair.

Vacation Starts

With school dismissed, Tom found the chief pain of parting was separation from his roommate. Unlike in temperament the boys yet had been brought closely together and but for the contest plot Tom doubtless would have accompanied Marvin home. "You can get home often enough for the cultivating," urged Marvin, "and dad will pay you good wages. And Jim-

A Lad of the Hills, Who Despite Environment Won Victory in Competition With Those "Outside"

By John Francis Case

iny how we'll make the fried chicken hide out when summer comes again."

"I'd like to go," Tom responded, "but I've got to watch that field. Somehow I've got a hunch that the fellow who tried to steal the seed isn't going to let that corn mature if he can help it."

"You're nutty," was Marvin's inelegant reply. "Nothing can happen to a corn field."

But Tom, playing his "hunch" went over the hills to the valley to watch and work. Just \$14 remained from the generous sum his uncle had provided some months before.

Faithfully John Roberts visited his students and supervised their project plots during the summer months. His "flivver" became a symbol of progress to the folks of the Blanton community for wherever Roberts went there grew things as never before. Occasionally he called the students together for demonstration work and one such occasion found Tom Woodson and Marvin Manning again at the Durham farm. There was another visitor, too, for "Slim" Barnett had come to feel a proprietary interest in Tom's field and voiced the desire to see what a rival's looked like.

"Doggoned if it ain't about as good as yourn, Tom," he confided as they watched the work. "It ain't right that anything-should grow for that fellow. He's got a mean eye. Doggone a fellow that abuses a dumb critter," for "Bull" was lashing his team at a row's end. "We must skin him, Tom."

Tom grinned for the extent of "Slim's" work as "we" was draping his fat form over a stump while Tom cultivated. But it was good to have loyal friends and well wishers. It helped one to do his best.

"Corn Jints a Crackin'"

Surely the gods of sun and moisture were good to the valley that favored year. With frequent showers and intense heat, Tom's corn grew so rapidly that you could "hear the jints crackin'," according to Slim. When the fourth cultivation which but scarcely kissed the roots came, it stood a noble field that brought joy to the heart of John Roberts and his pupil. Perspiration had there been in plenty to mix with the canny knowledge of cultivation instilled by the teacher from "Outside," on many a day when the stream called and Tom could picture the luring bass. But as the days

passed that field had become a part of him and in but little less degree a part of the lives of the valley folks. "Let's go look at Tom's corn," became a current invitation and old and young would gather to wonder at the miracle of the sturdy stalks.

A Job of Real Hoeing

"Now for the hoe, Tom, and not one weed in the field." That was John Roberts's suggestion as he approved the final plowing. Then he remarked casually: "Bob Durham quit with three plowings and his mother says it's too hot for a boy to hoe. I urged a final cultivation and weed free hills but Bob's not in school now and I can't enforce it." Tom grinned understandingly. Of course he couldn't expect Roberts to show favoritism but he could take a tip. But gee it was hot when the stalks grew tall and the sun hung over Peace Valley, serene, apparently immovable and concentrated, so Tom averred, where his shirt was thimblest, each passing day. Stubbornly, tho, he stuck to the task until a microscope was needed to find a weed. "That's what Mr. Sheldon said to do," he told his mother when she mildly remonstrated. "Don't leave nary weed," he said, "for every weed is a robber that steals your grain." Viciously wielding his hoe Tom vowed vengeance on them also.

If the Woodson field was beautiful in early summer it was magnificent when the forming ears began to give

promise of rich reward. So nearly did he live with his contest plot that to Tom the field became a sentient thing. Now the leaves whispered as they swayed to a gentle breeze or sang a militant march that presaged victory when the wind roared thru that living forest, so deep rooted that not one stalk would yield. Tom Woodson came to love those sturdy stalks as a father loves the child who gives promise of lusty manhood. As the summer advanced squirrels began to take their toll and the keen-eyed hunters of the valley rallied as if to a feud call, wiping out the tree dwellers until Lame Bill plaintively complained it was necessary to "go 10 miles to find a squirrel for seed." But it was Lame Bill's \$50 'coon hound that led the attack when Zip Coon and his cohorts followed the red and gray invaders. Soon instinct told the 'coon family that it was not healthful to visit a certain field no matter what promise of roasting ears. So while other boys of the vocational class bewailed the ravages of bird and beast the protected plot in Peace Valley went unscathed.

A Mysterious Summons

Veneration of the cereal king was but harking back to the days when America was young. In the long ago so had the early dwellers rallied to the protection of their friends for corn was the staff of life and with each passing season the corn chief of the Indian tribes had called to the gods of sun and rain for abundant harvest and for protection from the evil days of famine. Some thought of this came to John Roberts as he listened to Lame Bill's stories of "Old Trail's" prowess and watched the mountain folks who invariably gathered for his monthly visits. Never again would they be only trappers and fishermen. Agriculture had wrought its spell and opened eyes to the possibilities of food production. Even now Tom Woodson was beginning to have requests for "a little of that thar seed" and to see a return to school work made possible. But thieves there are whose cunning is beyond even that of "Old Trail," best of the 'coon dog tribe. No yield may be safely counted until harvested.

A mysterious summons came to Tom in Peace Valley. "Come to the corner store," the voice had said, "at 7 tonight and you'll hear something that will interest you." Demanding the name Tom found himself talking to a phone that gave no answer. "What did it mean? Should he tell his father?" Deciding that it must be one of the "Grubs" in trouble, a matter that could concern only school-boys, Tom saddled his pony and rode away. Seven o'clock found him at the old trysting place but no "Wasp" or "Grub" was in evidence. Funny, that message, what could be wanted? Then in answer a slouching figure brushed past, muttered, "Follow. Don't let no one see you," and turned up a side street. "Hard Luck" Joe Grimes, the town booze fighter. What could he wish? But Tom followed at a safe distance and finally entered the shack that Joe called home.

"I don't want no one to find out I'm tellin' you, kid," began Joe roughly. "for Old Man Durham has got it in for you and he could put me in jail if he wished to do so. No matter why, but he's a hard one and I ain't goin' to take a chance. I ain't got no love for that family, tho, and when I overheard that thar young 'Bull' and some of his gang a talkin' I just up an' listened. There's 10 of 'em goin' to raid your corn patch tomorrow night. None of 'em right mean I reckon but

that 'Bull,' but he thinks it will be a right smart fun to spoil an acre or so and that there gang can't afford to have a hill billy beat 'em. Now keep your trap shut about me tellin' you and I reckon you can figger out some plan to keep 'em out."

Planning for the Attack

As he listened Tom's anger rose to white heat. So his "hunch" had been right after all and again he must fight for his own. "I won't forget this, Joe," said he as he slipped out the door, looked cautiously around, then strode toward the street where the Durham's lived. Right now 'Bull' Durham was going to pay if he had to fight the whole family. The dirty sneak, bringing 10 to fight against one, and that one unwarned. But soon reason returned and cool judgment warned him that nothing would be gained by an encounter. What could he prove? Banker Durham would just have him arrested and perhaps while he lay in jail the raid would be pulled off. No, there would be a better way.

"Shootin' this time son, I reckon," remarked Sam Woodson grimly as he took down "Old Betsy" and reached for the oil can. Long had Tom deliberated before telling his father for that was what he feared.

"No, dad, not that. We'll just give 'em the scare of their lives. They won't ever venture back to Peace Valley, not even in daytime." And Tom outlined a plan that made his father grin. "We won't need many in it for some of 'em might get to shooting and it won't be necessary. I'm going to phone Marvin Manning to come over tomorrow and visit me. No, today, I reckon," concluded Tom as he glanced at the clock. It had taken hours to climb those rugged hills. Soon Tom was asleep to dream of attacking armies repulsed by Captain Kidd who with "Old Trail" led each countercharge.

The Raiders

Two cars chugged to the mountain top, then turned from the trail to be enshrouded in the darkness. Ten forms, each with a cornknife in hand slipped stealthily down the trail. Now they are in the shadows of the timber, proceeding cautiously in single file. "Hist!" warns the leader as the deep voice of Old Trail breaks on the air. "It would beat thunder if that dog is loose. Here's where I went when I found the field." But Old Trail was only lamenting the fate that left him chained with his master gone afield. Now more rapidly the silent figures hasten until soon a sound as of rippling water fells of wind playing thru the rustling corn blades. Like a dense green forest stands the field and even the despoilers pause in admiration. "Some corn," mutters the second in line. "Good for a hundred bushels, Roberts says," was a low-voiced echo. "It won't be when we leave," came from the leader, and then swiftly, with knives drawn, the marauders advanced to the attack.

Echoes from Inferno

"Mar-r-rough! Mar-r-rough! A cry as of some soul lost in torment came as an echo when the blades sheared thru leaf and stalk. "Mar-r-rough!" And the cry came nearer as stalks crashed down. "My Gawd, a panther," shrieked one visitor, "I've heard grandad tell about 'em being here" and in a mad scramble all turned to fly. But now hairy figures uprose from the sheltering

(Continued on Page 14)



For bull's-eyes—lead!

THE boy who prides himself on the accuracy of his target shots credits only his steady hand and true eye. He gives little thought to the fact that the bullet is always made of lead because no other material speeds so straight. It is the same at the traps. From the trap is thrown a clay pigeon. A sharp report and the target flies to pieces. Shot made of lead go straight, covering just the right area to catch the whirling disc.

No other metal has the qualities needed for making ammunition which lead has. Lead has great weight in minimum bulk, which makes it cut through the air with velocity and without swerving.

In the early days bullets and shot were loaded separately from the powder. Now the lead and powder are encased together in a neat paper or metallic package called a shell or cartridge.

It is interesting to note that lead is important in other sports besides target and trap shooting, but for an entirely different reason. Lead is used in the rubber of the tennis ball, the football and the baseball to give toughness.

Besides these uses, lead is used in almost countless ways. Many of them you do not suspect. It is in paint that lead would be missed most. No matter where you go you can see and touch this important product. Wherever a surface is painted, it is protected against deterioration. "Save the surface and you save all" is a slogan that prudent men now know and heed.

White-lead, a carbonate of lead, is the principal ingredient of good paint. By using white-lead, manufacturers make a paint that has greater protective power and durability.

For outdoor work painters generally prefer to use straight "lead-in-oil," a term which applies to a mixture of pure white-lead and pure linseed oil. White-lead with flattening oil with colors-in-oil added makes a paint of any color for interior work and gives a smooth, beautiful finish.

National Lead Company makes white-lead of the highest quality, and sells it, mixed with pure linseed oil, under the name and trademark of

Dutch Boy White-Lead

It also manufactures lead for every other purpose to which it can be put in art, industry, and everyday life.

Write our nearest branch office, address Department O, for a free copy of our "Wonder Book of Lead," which interestingly describes the hundred-and-one ways in which lead enters into the daily life of everyone.

Approach Crossings Cautiously

A GAMBLER often may risk his entire fortune, but he never will wager his life. He knows that he may recoup his gold, but when he is dead, he is thru for all time.

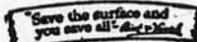
Not so, however, with the man who tries to beat a train to a crossing. He risks his life every time he tries the trick, and when he loses the race, he very often loses, not only his own life, but he sacrifices the lives of other occupants of his motor car.

In 1920, automobiles were involved in 76 per cent of all the railroad crossing accidents in the United States. There were 3,012 automobiles struck at crossings, 1,273 persons killed and 3,977 injured.

It is going to require the full co-operation of every automobile driver to cut down this dreadful toll, which is absolutely needless. Railroads are doing their best to install safety devices and crossing flagmen, but automobile drivers must help. He who disregards all signs and warnings sooner or later comes to an untimely end, and it is up to all of us to heed the warning: "Stop, Look and Listen." It is the only safe plan.

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- Dutch Boy Babbitt Metals
- Dutch Boy Solders
- Ulco Lead Wool
- Sheet Lead

Hoyt Hardlead Products for Buildings



Maybe that hill is not there, after all—

VERY often the hill we seem to be climbing is made out of the common mistakes of diet which starve tissues and nerves and slow down energies.

How smooth and level the path seemed to be when we were younger.

Simple, natural food may level that hill to a smooth path again.

Why not try it?

Begin today with a dish of Grape-Nuts with cream or milk—and fresh or preserved fruit added if you like.

Keep on with this crisp, delicious, strengthening food in place of heavy, ill-assorted, starchy breakfasts and lunches—and see if the old-time zest and speed on the old-time level path doesn't come back again.

Grape-Nuts —THE BODY BUILDER

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KANSAS FARMER AND MAIL & BREEZE, TOPEKA, KANSAS

DON'T FORGET!

A week of fun and entertainment for all the family begins in Topeka Monday. The gates of the Kansas Free Fair stand open. Drive in on a good road from any direction, or take the train—fare and a third round trip on all roads.

KANSAS FREE FAIR Begins Monday

Prepare now to spend two days or more in Topeka next week. It's an outing for all, week filled with fun, instructive entertainment, and a chance to meet old acquaintances and make new friends.

Horse Racing	Auto Racing
Radio Concerts	Household Exhibits
Livestock Shows	Farm Machinery and Implements
Contests for Young and Old	Big Shows and Hippodrome Features

ALL ROADS LEAD TO TOPEKA

Middle West Plains News

BY EARLE H. WHITMAN

COLORADO will produce 40,000 carloads of fruit and vegetables this year, according to an estimate of the Bureau of Markets. The cantaloupe acreage for 1922 is 16,000, compared to 8,200 last year. This places the state in first place in cantaloupe acreage, Arkansas being second with 8,610 acres this year and California third with 7,320 acres.

To Have Better Dirt Roads

Hodgeman county, Kansas, is to have \$20,000 federal aid for dirt roads, according to N. Rasmussen, county commissioner. This amount, with the state and county funds for roads, makes \$40,000 which will be used in the county the coming year for good roads. Work probably will not be started before fall, and so far as possible home labor and teams will be used. The county has obtained a second Government tractor for road work.

Plan New Livestock Pavilion

If plans go thru successfully, there will be a new livestock pavilion at the Mitchell County Fair at Beloit this year. Business men of Beloit have pledged \$1,500, and \$1,000 is to be raised among farmers. The plan is being pushed by the Mitchell County Livestock Improvement Association and the Mitchell County Fair Association, as they feel that such a pavilion, free for use by all breeders thruout the year would be a benefit to the livestock industry of the county.

Nine Million Dollar Increase

Unless strike conditions interfere with the marketing of crops, Colorado farmers have prospects for a 100 million dollar yield this year, according to present indications. The value of all state crops last year was 91 million

dollars. Production of staple field crops apparently will be somewhat larger than in 1921, and production of potatoes, fruits and truck crops will be considerably larger. The potato crop will be the largest in the history of the state, according to present indications, while the fruit also promises to be a record breaker. Corn and grain sorghums seem good for record yields. Wheat shows the largest acreage, but threshing returns are not sufficient to indicate the yield. Hay stands second in value among the state's crops.

Middle West Wheat Tests High

The highest test wheat this season was received on the Hutchinson, Kan., grain market recently. It was a carload from Scott City, testing 15.47 per cent protein and was declared to excel anything so far reported this year in the Middle West. Wheat from Texhoma, Texas county, Oklahoma, had previously held the high test record.

Growing 65 Varieties of Sorghum

R. E. Getty and A. B. Swanson of the Fort Hays Experiment Station are growing 65 varieties of sorghums and 15 varieties of corn, according to Carl L. Howard, Ellis county agent. Mr. Howard is urging farmers to visit the plots for the benefit they can get out of seeing the experimental work.

Likes Popcorn for Silage

W. A. Prewett, living near Asherville, Mitchell county, tried this year what was for him a new silage crop—the big yellow variety of popcorn. Last year 25 acres of corn was necessary to fill a large silo on Mr. Prewett's farm. This year, despite some dry weather, the silo was filled with the popcorn from 20 acres.

Hodgeman County Farm Bureau



THE Hodgeman County Farm Bureau was organized December 12, 1918, with N. L. Rucker as emergency demonstration agent. Agents serving the bureau since Mr. Rucker are J. W. Thornburg, F. A. Billheimer, T. F. Yost and Duke D. Brown. Mr. Yost, who is now county agent in Cloud county, served in Hodgeman county until March, 1922, when Mr. Brown, the present county agent, took his place. The picture is of Mr. Brown and officers of the bureau. Left to right they are, W. L. Mayberry, Jetmore, secretary-treasurer; Duke D. Brown, Jetmore, county agent;

George C. Myers, Jetmore, vice-president; and George D. Martin, Jetmore, president.

Mr. Mayberry, who lives 2 1/2 miles northeast of Jetmore, has been farming in Hodgeman county since 1907. He owns 560 acres of land and raises more than 800 acres of wheat a year. Until two years ago he handled about 100 head of cattle a year. Mr. Mayberry was born in Washington county, moving to Nemaha county when he was 3 years old. He started farming in Washington county in 1899. Five years later he moved to Rooks county and farmed there for two years.

Mr. Brown was born and reared on a farm in Marshall county, Kansas. He was graduated from Marysville High School and enrolled at Kansas State Agricultural College in 1915. Two years service with the 35th Division and ill health resulting from this service delayed graduation until February, 1922. He went to work as county agent in Hodgeman county in March following his graduation.

Mr. Myers was born on a farm in Iowa and was actively interested in livestock and farming there until he grew to manhood. He came to Kansas in 1900, locating first at Iola. He moved to Hodgeman county in 1918. He handles two sections of land with approximately 400 acres in cultivation and about 800 acres in grass. He handles grade Herefords in connection with his wheat farming. He is a believer in the tractor because it enables him to prepare his wheat land earlier in the season and better than if he used animal power. At present he is planning to diversify his farming operations to include dairying and hogs. He is active in farm bureau work and is a strong supporter of the state and national organizations.

Mr. Martin, president of the bureau, was also born on a farm in Iowa. He has lived for the last 18 years on his own farm known as the Two Bars Ranch, 2 miles northwest of Jetmore. He owns 480 acres of land improved with a modern home and modern conveniences. He farms about 300 acres, principally in corn and sorghums, raising very little wheat. He leases 3,480 acres of pasture land and handles from 800 to 1,000 head of steers a year. The Hodgeman County Farm Bureau probably has as large a percentage of farmers of the county as any county bureau in the state and is doing some effective work for them.

Farm Organization Notes

BY RURAL CORRESPONDENTS

FARMERS in Allen county are ordering alfalfa seed thru the county farm bureau office. L. E. Horst, N. T. Strickler, Fred Dunlap, Leroy Ayres, R. S. Martin and L. Krupp are some of those who have ordered seed for fall planting.

Farmers' Union Fall Festival

Morganville is planning to have a big fall festival very early in September and in addition to music and other good things provided for this event there will be an interesting address delivered by O. M. Lippert of the Kansas Farmers' Union.

Bourbon Shipping Association Grows

A committee has been appointed in the Hiattville community in Bourbon county to arrange for a branch of the Bourbon County Livestock Shipping Association at that point. This will make 10 shipping points for the association in Bourbon county.

Radio Market Reports for Nemaha

Farmers in Nemaha county are getting market news by radio. E. L. McIntosh, county agent, has a complete radio receiving station. Every noon he receives a complete report of market conditions at Omaha and Kansas City. These are posted down town and are closely watched by farmers and business men.

Hail Storm Didn't Discourage Him

Hail, a few weeks ago, played havoc with all the crops above the ground on the G. W. Brewer farm near Englewood. However R. W. McCall, county agent, says Mr. Brewer is not going to permit a hail storm to knock him out of an exhibit for the county fair. He has a good sample of potatoes and will enter them.

Like Porto Rico Sweet Potatoes

Five sweet potato clubs which are growing Porto Rico sweet potatoes have been organized by the Sumner County Farm Bureau, according to W. A. Boys, county agent. Mr. Boys says this variety of sweet potato is new in this county but that it is of excellent quality and has more resistance to disease than the varieties now grown.

Corn and Soybeans for Hogs

W. F. O'Brien of St. Paul has found that by planting corn and soybeans together for hogging down makes a cheap feed for hogs, according to C. D. Thompson, Neosho county agent. Mr. Thompson says this plan saves labor and the quick gains made by the hogs are so profitable that Mr. O'Brien plans to make it a regular policy.

Lime Doubled Alfalfa Yields

Frank Jennings of Ohio township in Franklin county limed some upland for alfalfa last year. The first cutting this year yielded twice as much as the unlimed and the stand was much better where the ground had been limed. He plans to lime about 16 acres more this fall, according to F. Joe Robbins, county agent.

Wheat Growers Meet at Wichita

Upon the call of President W. F. McMichael and Secretary W. H. McGreevy of the National Wheat Growers' Association a meeting of the directors of that organization was held in Wichita, recently and many important matters came up for consideration. Directors from North Dakota, Nebraska, Texas, Kansas, Oklahoma and Colorado were present.

No Politics in the Grange

"The Grange does not attempt to select candidates for office," says the State Grange Monthly. "It will not participate in partisan politics. The Grange concedes to all of its members the privilege of independent thought and action. The Grange advocates the free discussion of all questions in subordinate meetings, and from these discussions emanate the resolutions which are passed by the state and National organizations. The leaders, or rather

the officers of the Grange are elected to see that these resolutions and rules are carried out.

"Further than that the officers have absolutely no right to go, nor to commit the Grange in any respect. Any report which says that the Grange is represented at any place is not to be considered correct unless it comes from the Executive Committee. The activities of the Grange are in the discussion and working for issues—not parties, for principles—not men."

Equity Union Exchange on Education

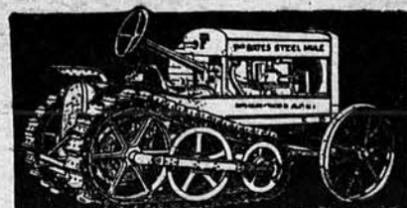
"The time has passed," says the Equity Union Exchange, "when only professional men are to be educated. In this day and age, the better education one has, the better salary one can demand. Since farming is a scientific business, the farmer is required to have just as good an education as the doctor, the lawyer or teacher, if he

expects to make a success of his business.

We understand that it is more difficult for the boy on the farm to get an education than the city boy. The school term is shorter, there are not as many different subjects taught and many other little hindrances that the city boy does not have to encounter. Yet under these difficulties, some of our greatest men have come from the farm. We plead with every boy on the farm to make the best of his opportunity and learn all he can in the school in his community, then go to high school, and if possible to college. It probably will be trial upon trial, but he will find in the end that it will pay.

Wyandotte Farms Need Liming

Nine out of 17 samples of soil tested for acidity by the Wyandotte County Farm Bureau showed the need of lime, according to C. A. Patterson, county agent. The bottom soils near the river were all shown to be neutral and not in need of lime. However, practically all upland soils are in need of lime according to the test. Mr. Patterson says ground limestone would make good returns on most of the land, especially for the production of alfalfa.



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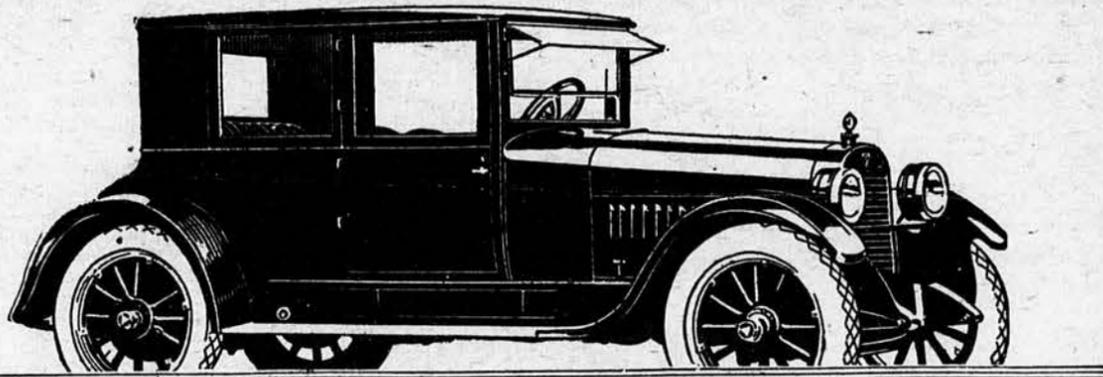
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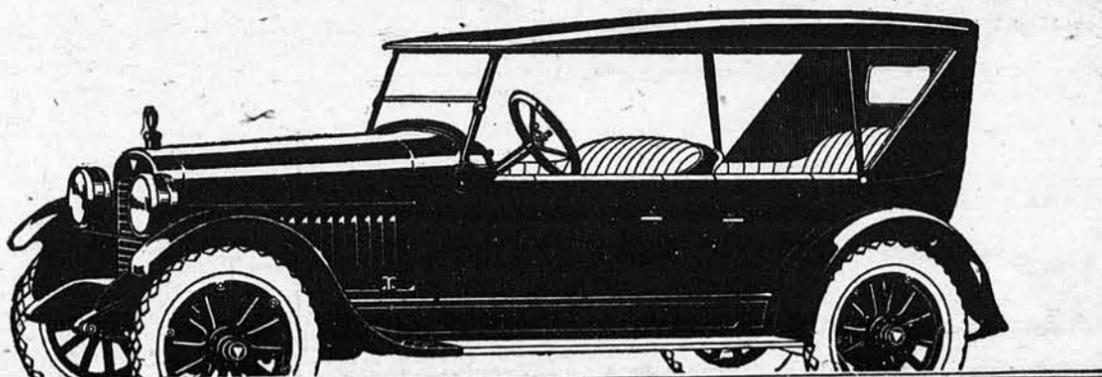
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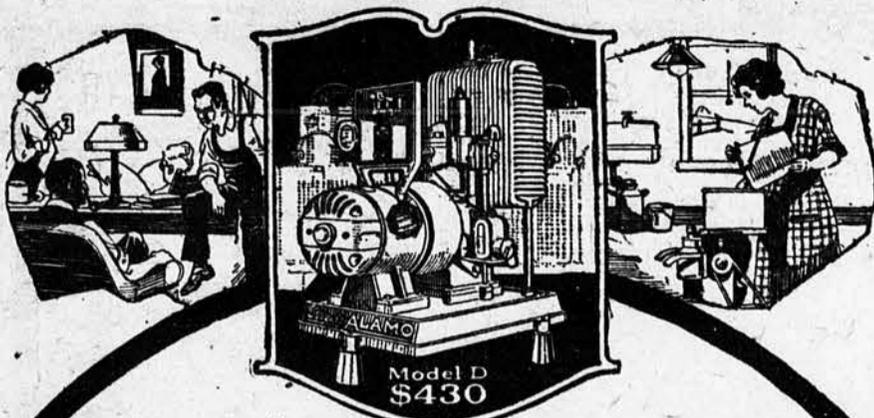
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Jayhawker's Farm Notes

By Harley Hatch

THE immediate locality in which this farm is situated is the driest spot in Coffey county. At least, it should be, for all showers have avoided us since July 31, when we had our last rain. Since that time other parts of the county have had two good showers and the south part of this township has had three. Despite this, the corn still looks green, the ears are getting hard and the husks beginning to turn. To be sure, the ears will not have the weight they would have had, if more moisture had been present, but we have a pretty fair corn crop anyhow. We believe our best corn is on our poorest soil; it is growing in ground which was plowed last fall and listed this spring. It has just about the right stand, the stalks being about 20 inches apart, and the ears seem of good size. We like this way of growing corn and our present plans include plowing all the stubble ground not to be sown to wheat just as soon as haying is done, and then listing it to corn next spring.

Wheat Drops to 80 Cents

Wheat is priced at but 80 cents at local elevators this week and at the same time we have been getting from 55 cents to 56 cents for corn. At this ratio corn is the most profitable to raise as a grain crop to sell. Corn is a much cheaper crop to raise than wheat and in addition there are two markets for it, one at the elevator and another and a better one by feeding it to the livestock on the farm. Besides this a half crop of corn can be cut, stalks and all, and fed to stock and by so doing the cost of production can be assured. A half crop of wheat will not pay present day harvesting expenses; it has been our experience for the last

six years that it requires about 12 bushels of wheat to the acre to pay out and that is more than half a crop in most any locality in the West. It used to be received as a general rule that wheat should sell for double the price of corn to have the two grains on equal footing. Under that rule corn is ahead and if that ratio is maintained we shall go back to a larger corn acreage.

Bluegrass for Pasture

With the coming of the chinch bugs we have heard many farmers remark of the possibility of growing Meadow fescue or, as it is more commonly known, English bluegrass, again. Before wheat became so largely grown here one of our main rotation crops was English bluegrass. It was raised principally for the seed, but incidentally it often made a lot of good pasture and crops following the plowing up of this grass grew almost as well as on virgin sod. Europe provided the seed market and with the breaking out of war in 1914 that market was ruined and it has not yet been restored. For several years the seed has been rather high in price but the home market now seems to have been more than supplied for on July 1 the seed houses quoted it at 7 cents a pound and on August 1 the United States Bureau of Markets reported the market fully supplied and that the price had dropped to about 4 cents a pound. At this price we cannot raise the seed and if we grow this grass largely again it will have to be for pasture and to supply rest and rotation for the soil. It is a crop we always liked, as it helped to clean out weeds and grass and often worked wonders in restoring fertility to soils which had grown grain crops for 40 years, or possibly a little longer.

Free Fair to Open Monday

Exposition at Topeka, Biggest in Years, Offers Farmers Fine Chance for Pleasant and Profitable Vacation

THE biggest Kansas Free Fair will open in Topeka Monday, September 11. It seems evident that many records are going to fall at this show. Entries in all the livestock departments are heavy and in all probability the classes will equal or surpass those of last year.

Kansas farmers are fortunate in having an opportunity such as the Kansas Free Fair offers to get acquainted with the best types of pure-bred livestock of all kinds. Many valuable lessons may be learned and much information collected, by an inspection of this livestock, the class of farms in Kansas and many other states.

Cattle Shows Unusually Complete

The dairy and beef cattle shows will be unusually complete and so will the swine division. Sheep will by no means be neglected. Many Kansas farmers are carrying a flock of sheep today because they say sheep are the best gleaners they can have on a farm and that they are among the very best profit makers.

One of the big attractions of the fair will be the poultry show which is counted on being much better than in years past. Entries in this show are heavy and much interest is being shown. The market egg contest is a drawing card.

The wealth of agricultural and horticultural products that Kansas has produced in the last two years, will be ably represented in Agricultural hall during the Free Fair. There will be a dozen or 15 county exhibits in addition to all the individual entries in the various classes, so that the display is certain to be unusually complete. Because of the big fruit crop this year the horticultural show will stage a comeback.

In addition to livestock and agricultural exhibits there are any number of interesting things to be seen at the fair. The Kansas State Agricultural College and the United States Department of Agriculture both will have big

exhibits of general interest. The state fish hatchery will show fish and game native to Kansas in the Fish and Game pavilion erected this year. The first exclusive potato show ever held at a big fair in Kansas will be staged under the direction of M. T. Kelsey.

An Excellent Program Prepared

For entertainment and instruction an unusually complete program has been prepared. Much interest centers in the radio exhibit and demonstrations which will be given frequently during the entire week. Concerts will be picked up and the crowds will be given a chance to listen in.

One of the best racing cards in years has been arranged. Horses will use the track four days, Monday, Tuesday, Thursday and Friday, and motor cars will race on Wednesday and Saturday afternoons.

During the week amateur bands will compete for liberal prize money and rural dramatic clubs will present plays in a free for all contest. These features will be free to visitors.

There will be band music, circus stunts, auto polo, public speaking, organization programs, horseshoe pitching contests, milk maid's contest, boys' and girls' club contests, spelling matches and many other entertainment features during the week.

Railroads have granted special round trip fares to the Kansas Free Fair. The Fair association has provided camping grounds close to the fair grounds for the convenience of those who drive to Topeka in their motor cars. City water and lights are provided at this camp. There is no charge for admission to the fair. The gates stand open. Everybody is welcome.

The Free Fair opens next Monday. It offers a fine chance for a vacation that not only will be enjoyable from beginning to end but also will be instructive and will assist in solving the problems that constantly are coming up on the farm for serious attention.



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Champion X . . . now 60c

Champion accuracy in construction assures absolute uniformity of spark in each cylinder; consequently a more perfect timing of the engine

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Kansas Farmer and Mall and Breeze, Dept. 80, Topeka, Kan.

These Clippers Will Save You Money

Letters Fresh From the Field

FARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Address all letters intended for this purpose to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Need of Silos This Year

We shall need silos this year more than we have for several years. The late frosts and the pea aphid cut down our alfalfa crops so that we probably have harvested not more than half our usual crop of this roughage. The hot August winds have damaged seriously much of the corn and sorghum crops. There is no way I can store corn or sorghum fodder that I may handle it with so little waste of feed and work as in the silo.

The kind of silo a farmer should build obviously depends much upon his location, his nearness to the materials used in building, and his preference. Other things being equal, I should choose the one I thought most durable, most efficient in keeping silage and most beautifying to the farm.

Claude F. Thompson.

Williamston, Kan.

Should Make It Up to Soldiers

All our soldiers should have full compensation for their time and risk in the World War. Those who were disabled should have a substantial pension for life. Thousands of the boys came home believing their jobs were waiting for them as had been promised. Only a very few found it so.

Why don't American citizens stand together for the betterment of home and nation and quit whining about the folks across the pond.

W. C. Anderson.

Green Forest, Ark.

Dairying on the Farm

The first essential for profitable dairying is good cows. The profitable dairy cow is one that will make the maximum production on the minimum quantity of food. The most profit can be made from special-purpose dairy cattle.

Several special dairy breeds have been developed by careful breeding and selection, covering periods of from 100 to 2,000 years.

Very often good milk cows are found among ordinary herds of scrub cattle, or among the beef breeds, but the great objection to such cows is that they do not always transmit their milking qualities to their offspring. The following named breeds are now classified as dairy cattle: Jersey, Guernsey, Ayrshire, Holstein, and Brown Swiss.

Manhattan, Kan. J. B. Fitch.

Wheat Prices and Mill Products

Who gets the cream? I sold my wheat for \$1.03 a bushel. I am paying \$2 a hundred pounds for shorts, \$1.85 a hundred pounds for bran and \$1.10 for 24 pounds of flour, grown and milled right here. Is that not as much of a crime as bootlegging?

We are paying our attorneys big salaries. They run their legs off after the bootleggers, yet leave the big corporations unmolested.

H. G. Myers.

Morehouse, Mo.

Reasons for More Silos

The reasons for the need of the silo on the farm are numerous, but the following are some of the more important ones that may be mentioned:

First, it reduces the corn crop; second, it saves a portion of the injured crops; third, it saves a large part of the corn crop that would otherwise be wasted; fourth, it insures against drouth; fifth, it means more and cheaper food production.

In seasons of drouth when the pastures are "burned up" and the crops partially or totally ruined, the farmer having livestock must dispose of a large part of his herd—usually at a sacrifice—or buy high-priced feed. Here the farmer with the silo is ahead of the man who has none. He can keep his cattle and other livestock and have them in good condition by

giving them the silage he has stored from years of plenty. Corn properly siloed will keep for many years.

He can save portions of the crops damaged by hail, frost, drouth or other causes, that would otherwise be a total loss. Many crops can be siloed successfully. A silo will also save two-fifths of the feeding value of the corn, such as the husks, leaves and stalks.

J. H. F.

Topeka, Kan.

A Ban on Banking Monopoly

(Continued from Page 3)

some loss but it would not have meant ruin as it did so frequently in actual practice. The functioning of the War Finance Corporation saved many livestock raisers and farmers once it got into operation. But it is only a tem-

porary expedient.

The need for sane rural credit legislation, to establish machinery adapted to the needs of agriculture in the United States and to afford farmers the same sort of service business firms now enjoy, is more or less generally recognized, both in and out of Congress.

A number of bills on this subject have been introduced in Congress. The agricultural bloc, headed by Senator Arthur Capper of Kansas, now is engaged in combining these bills and attempting to work out a safe, sane and workable plan that will solve the rural credit problem.

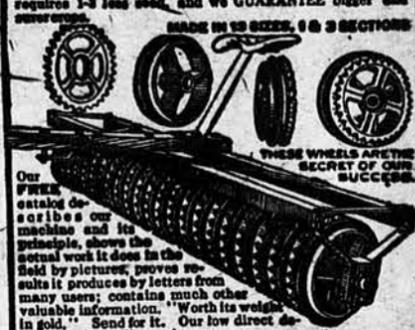
Once a plan that is workable is developed the agricultural bloc will push it for early consideration in Congress with the expectation that favorable action will be taken on it because of the widespread demand for improvement along this line.

Senator Capper holds that the enactment of rural credit legislation is of vital importance both to farmers and livestock growers, and he is expediting it in every way possible. In this he is receiving the active support of every member of the bloc.

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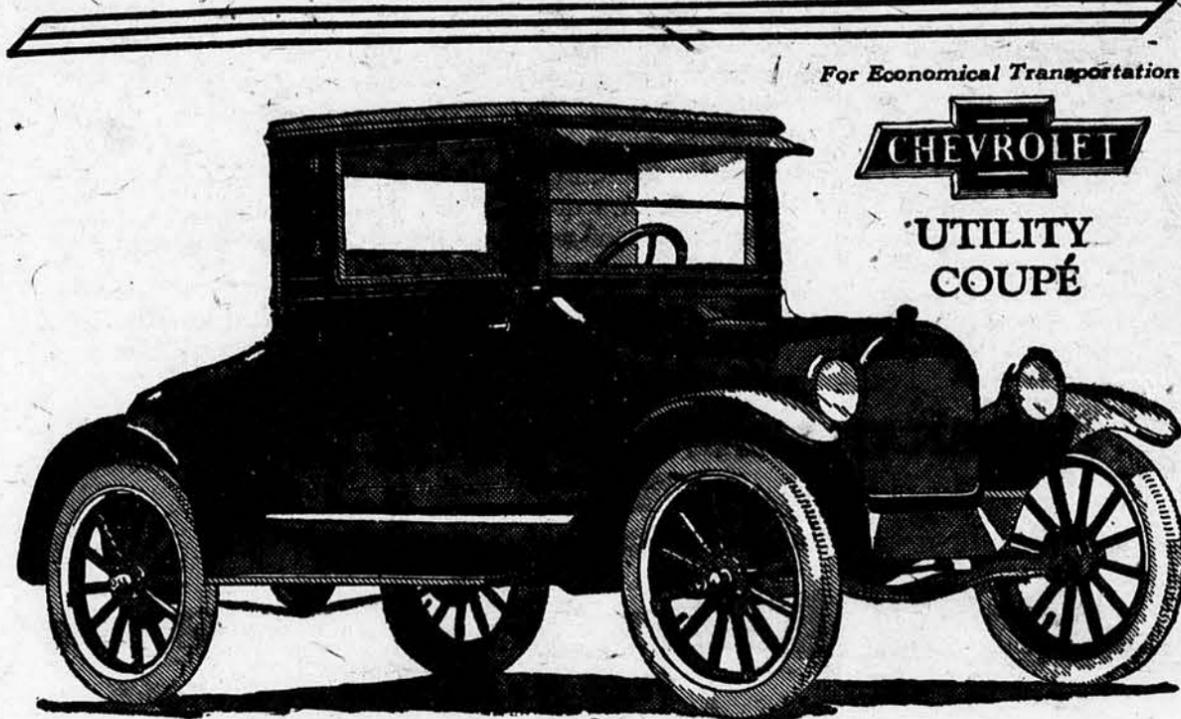
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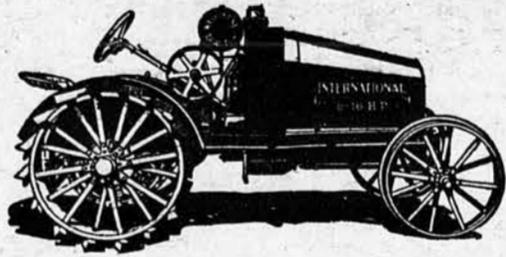
The high-grade Fisher Body is practical as well as handsome. The extra large, heavy plate-glass windows afford clear vision on all four sides. The mammoth rear compartment with locking cover contains 14 cu. ft. of space for luggage, packages, produce and merchandise of all kinds. The upholstery is in gray whipcord—wide, comfortable, well-sprung seat and back—easily kept clean. Equipment includes standard three speed transmission, vacuum feed, cord tires.



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REMEMBER that these are not stripped tractors, pared down to make low prices. Titan at \$700 and International 8-16 at \$670 include all essential equipment—belt pulley, fenders, platform, throttle governor, adjustable drawbar, angle lugs, brakes. This equipment for each is worth more than \$100, and is necessary on any tractor to make it serviceable and safe. And above all, the prices include P & O Tractor Plows—2-bottom with the International 8-16 and 3-bottom with the Titan 10-20.

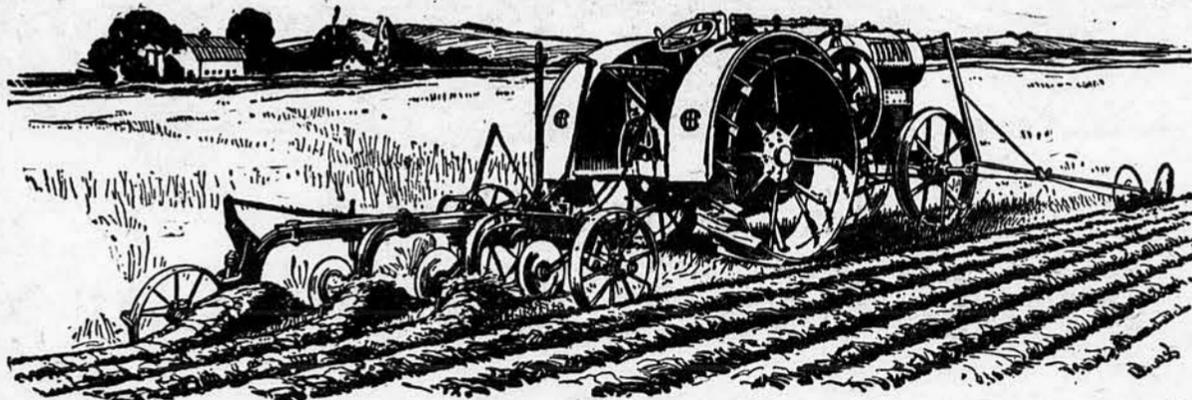
THIS is a time for investment in Titan 10-20 or International 8-16 tractor power. Make your choice and get the complete outfit from the McCormick-Deering dealer. Every day, keep this efficient power at work at your fall plowing and other drawbar work, and tie it up to all sorts of belt machines. By winter time you will be enthusiastic about the all-around usefulness and economy of International Harvester tractors.

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Tom of the Peace Valley Country

(Continued from Page 9)

stalks and with howls and fiendish screams charged. "Ow-w! Ow-w! Fellers he's killin' me," screamed "Bull" Durham as the largest "panther" sprang upon him, struck the knife from his palsied hand and clawed him viciously. Only for a moment, tho, and "Bull" tore loose and joined the others in frenzied retreat. Bruised, bleeding from many scratches from "claws" and briars the "Wasps" were a sorry sight when their machines, "in high" were plunging recklessly downward and away from that dreaded place.

Hobbling out of the cornfield as rapidly as his "game" leg would permit, Lame Bill joined the fur clad group to find the smallest "panther" writhing in convulsions on the ground. The convulsions were those of laughter, however, and Pepper Manning went from one shriek to another. "Jiminy Crickets, Tom," he howled, wiping tear-filled eyes, "Did you hear 'Bull' squall when your dad clawed him? And I'll bet Johnson won't be able to sit down where 'Slim' raked him with that currycomb. Meou-w-r!" and the incorrigible Pepper was off again.

The "Panthers" Talk It Over

Sam Woodson smiled grimly. "Reck on it will be some time before them younkens will come to Peace Valley after night again. Lucky I had them old wildcat skins on hand. Bill, you'd done make a panther ashamed of himself."

"Doggone it," complained Lame Bill, "I didn't have any chance to see the fun, but it shore sounded like a herd of cow critters tearin' up the brush when they got away from you."

Mum was the word and the Mannings were solicitous of the sanity of their son when after reading a lurid account of the adventures which had befallen some of the town boys while "coon hunting over toward Peace Valley," as printed in the Blanton Globe, he again had near convulsions. "Torn clothes and deep scratches which undoubtedly were made by some savage beast," said the story, "corroborate the account of an attack upon our young men. This is all the more strange as it is supposed that the panthers which once roamed the mountains had been driven into the fastnesses of the greater hills. We urge parents to keep their children away from that locality." "Meou-r-r!" howled Marvin and rolled on the floor as he clutched the paper.

"Son," said Jake Manning suspiciously, "That happened the night you visited your friend in Peace Valley? What do you know about it, anyway?"

"Not a thing, dad, not a thing. I was just thinkin' how fine it would have been to watch those town fellers tear up the timber tryin' to get away." It was going to take inhuman effort to prevent Marvin Manning from "Meou-r-r"-ing when he went back to school.

Back to School

Rapidly passed the days until the tang of September frosts painted the hills with beauty, and soon the school bell would be calling students back. Tom's \$14 had dwindled to a few dimes and little opportunity had there been to add to a school fund. But implanted deep in his heart had grown a desire to carry on. The promise of the contest field had ripened into fruition and without question there would be corn enough to repay John Roberts' investment and some cash beside. It seemed impossible, tho, that from one small field enough could be realized to pay his school expense and the Woodson family talked it over. "Reckon we'll have to sell the black pony," announced Sam Woodson, "and I can git along this winter with Bess and Ring. Ranny Simpson has offered me \$25 for that pup out'n Old Trail, and that will help."

Tom would not hear to the sale of Trailer, pride of his hunter father's heart. "I won't have to study so hard this term, dad," he said, "So I'll get a job and pay my board."

A Way is Found

But Sam Woodson felt that the family pride prevented even such help from an "Outsider." "Reckon we'll pay your way," said he and that settled it. But how was another thing.

John Roberts and the county agent from Condon county "flivvered" up the long hill and paused on the crest

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as Roberts had paused upon his first visit. "Wonderful," remarked Agent Keeling as he marked the peace and beauty of Peace Valley. "I'll bank on the honesty of people who live here. Now if the corn is as good as you say it is, I'll warrant our farm bureau will get a square deal. Show me to it," and down the hill they went. Tom Woodson had shown many visitors his field and modestly but with due pride of possession he escorted the pleasant stranger and his teacher. "Fine," said the farm agent as he stripped shucks and inspected ear and grain, "I'm inspecting fields to buy seed for members of our farm bureau. I'll take 100 bushels of this corn at gathering time, seed to be approved by Mr. Roberts, and pay you \$3 a bushel. Here's \$50 to bind the bargain. What do you say?"

Speechlessly Tom Woodson looked at his visitor and the tendered bills. Why it meant school again, pay for Mr. Roberts, everything desired. But then quickly came remembrance that half the crop belonged to his teacher friend altho he'd had no thought but that half wouldn't pay the cash rent on the land.

"Of course I'll take it, Mr. Keeling," Tom finally said, "but half belongs to Mr. Roberts. Give him the \$50."

"Not a dime over what the land costs," smiled Roberts as he gripped Tom's shoulder with a strong clasp that always thrilled. "You've made good on Sheldon's recipe and the corn is yours. This hundred bushels isn't going to make a dent in your yield, Tom, as Mr. Keeling will tell you, too. You've won, old man, and you'll be back in school again next week." Both men found it necessary to go on into the field for Tom was struggling with unshed tears.

Measuring the Yield

Swift followed the days until the contest acreage for every vocational student should be measured and the yield gathered and weighed. Heavy toll had been taken by marauding "varmints" in many fields and fields like those of Robert Durham had suffered because of the lack of the "final punch" in cultivation and hoeing. When the committee selected by John Roberts to measure and supervise made its final report Tom Woodson's record stood alone. With a yield of 124 bushels an acre on the 5 acres an untrained mountain boy not only had broken all records for the hill country but was close on the heels of the veteran Sheldon. "By golly," remarked Sheldon when he received a wire from Roberts containing the information, "that kid from the hill country sure must have worked out that recipe of mine." Promptly he wired back, "Hold unsold seed to my order at \$3 a bushel."

But Roberts answered, "We'll keep it all for the hill country." Tom Woodson's first work as an apostle of progress had begun.

Now the state yields had all been reported and the boys and teacher at Blanton waited anxiously. Somehow there was a different spirit in the school life, factionalism was disappearing and the school as a unit took pride in the record made by a boy who but a year before had been ostracised. "We've got to hand it to him," admitted Johnson grudgingly as the "Wasps" one day discussed their failure to win over a hated "Grub." "As Mr. Roberts says, what helps the school helps all of us and if Woodson wins in the state contest we'll just have to forget what's happened and fall in line."

And Peace Valley Wins

"Well, it's true that we're licked," "Bull" Durham agreed, "and I've a hunch that Woodson knows something about that night trip we made. That Manning kid went 'meow-r-r,' at me today and Tom grinned and told him to shut up."

"But those were real panthers," exclaimed one of the gang. "Didn't they howl and scratch us up?"

"Well," replied "Bull" shamefacedly, "I heard a fellow tellin' the other day that Lame Bill Kidd over in the valley can imitate every 'varmint' in the hills. Think of it and you'll remember that one of them panthers was laughin'. Darned if I don't believe it was the Woodsons and Manning dressed up in skins. Remember the Hickory Creek items in the Bugle that week had something about 'Marvin Manning visiting his friend in Peace Valley.' Fellows, we'd never hear the last of this if it gets out. As Johnson says, we'll lay off the other gang." And so victory perched upon the banner of the "Grubs" and Pepper Marvin was

destined to "meow-r-r" for his pleasure alone.

Now all the hill country was aflame with enthusiasm for not only had a son of the mountains triumphed over those from "Outside" but even the "Far Outside" must render homage. To Blanton had come the message that Tom Woodson's great yield record had won second place in the state contest and to Tom would come the \$250 offered by the American Machinery Company. "And listen to this, fellows," exulted Roberts as he held up the yellow slip, "first prize was won by a boy who wasn't enrolled in vocational agriculture—his county agent helped him to it—and our school gets the \$100 library. Now fifteen 'rahs and a tiger for Woodson." And no "Grub" yelled louder than did "Bull" Durham and his "Wasps" followers. For all the world loyes a winner and in boyhood days sores soon are healed.

"By cracky, I knew he'd do it. Can't beat a Coon Creeker." Grandfather Martin cackled like an excited hen as the folks of the valley gathered in the little church, where officials of the corn growers' association had come to present the medal won by Tom Woodson. Before that, in the school auditorium a great meeting had been held where the story of Tom's work was told and the cash prize paid. But here was home and loved ones, and a call of blood which made the winning sweeter and fired ambition to accomplish even greater things. As he paused with John

Roberts at the church door and looked down the valley where still sentinel-like the tall stalks stood, Tom felt the call of soil and sunshine. The urge of a desire to serve even better those dear to him. Why, all things were possible; high school, college, the finding of other undiscovered soil treasures in Peace Valley and the teaching of good farming methods to his friends.

How fine it was to have friends. Again the friendly pressure of John Roberts' hand upon his shoulder and as ever Tom thrilled and deep in his heart vowed fealty to this man and to the gods of land and rain and sun which were his gods. Yes, and as he had fought he'd fight again for even in Peace Valley one continually must strive against opposing elements.

Meow-r-r," said Pepper Manning softly as they passed within.
(The End)

Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$2; or one three-year subscription, \$2.—Advertisement.

Kansas towns are keeping at least two rats for every man, woman and child, and the rural communities are harboring and feeding at least 10 rats to the person. Bat the rat!

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The lines are clean cut and dignified. The steel body, electrically welded into a unit, is noiseless and exceptionally light. It is the first all-steel coupe body ever marketed. The enamel baked on the surface of the steel, retains its original lustre for years. The carrying compartments are roomy and convenient. The seat is upholstered in genuine leather. Exit and entrance are made easy by the unusual width of the doors.

In short, the fundamental purpose of the car is evident in every detail—to render practical, everyday service at a minimum cost.

The price is \$2880 f. o. b., Detroit

DODGE BROTHERS

35,000 Bushels of Apples

John Alter, Pioneer Orchardist, to Harvest Big Crop—Arkansas Valley Tour Reveals Thriving Industry



View of the Orchard Tour Party in the Orchard of H. H. Koons Near Oxford, Kan., Much Attention is Given to Fruit Growing in That Section

ABOUT 1872 John Alter, a pioneer farmer living near Belle Plaine, Kan., planted a few apple trees on his farm. The trees flourished on the sandy river bottom land and in a few years all the neighbors were buying apples from the Alter farm. Soon the demand became larger than the small orchard could supply and Mr. Alter set out more trees.

Other farmers followed his example and met with the same success as John Alter. Today there are more than 3,000 acres of bearing apple trees and several thousand more acres of young orchard in Sumner, Cowley and Sedgwick counties. The orchardists have become highly specialized farmers and speak in terms that are strange to the layman. They talk glibly of Bordeaux mixtures, lime-sulfur sprays, fruit spurs and San Jose scale. Growing apples has become a profession with them.

Beginning August 21, the apple growers made a three-day tour of the best orchards between Arkansas City and Wichita. The tour was under the direction of the Arkansas Valley Fruit Growers' Association, the agricultural college and the farm bureaus of Sumner, Sedgwick and Morris counties. Methods of cultivation, pruning and spraying were observed in 15 orchards.

The First Day's Tour

On the first day of the tour six orchards between Arkansas City and Oxford were visited. Arkansas City Chamber of Commerce served dinner to the growers and the wives of Oxford Get-Together Club members served a picnic supper in the Albright Gardens to more than 300 persons, mostly orchardists and their families, or others vitally interested in apple growing. An interesting feature of this supper was the 2 bushels of fried chicken in two large boxes. A number of talks by prominent growers closed the program for the day.

The second day was spent in the vicinity of Belle Plaine, the heart of the Arkansas Valley orchard section. The third day Sedgwick county orchardists visited the orchards near Wichita. The next day those Northeastern Kansas growers and the specialists from Manhattan who made the trip stopped at the James Sharp orchard near Council Grove.

The tour thru the 15 orchards and the programs at the dinners gave a comprehensive view of the orchard industry in this, one of the most promising apple growing sections of the United States. It showed particularly the large scale on which most of the apple growers do business.

John Alter, whose small family orchard started the apple industry in the valley, now has an orchard comprising

200 acres of bearing trees and 100 acres of young trees. During the picking season scores of men are employed to pick, grade and pack apples. This year a crop of 35,000 bushels is expected. In 1919, 65,000 bushels were picked from the 200 acres.

Oakes Nevitt of Oxford, president of the Arkansas Valley Fruit Growers' Association, has 200 acres of orchard, from which he sold \$30,000 worth of fruit last year. He did not have to ship 1 bushel; the buyers picked them themselves.

Many Fine Orchards

Pat Taylor of Oxford planted 5 acres of apple and peach trees in 1893. After they were fully matured they returned a greater net income than all the rest of his farm, so he set out 50 acres more of apples. He has not had a crop failure since 1912. His biggest crop was 14,000 bushels, picked in 1919. This year he expects to pick about 7,000 bushels. Mr. Taylor also sells his apples from the orchard.

J. H. Koons, with 20 acres of bearing orchard, sold 5,500 bushels last year. He hired his own pickers but sold the apples at the farm house at from \$1.50 to \$2.50 a bushel. Mr. Koons has 130 acres of young orchard that will begin to bear in three or four years.

Charles Glover of Wichita has 54 acres of bearing trees near Belle Plaine. His largest crop was harvested in 1919—17,500 bushels. He expects to pick about 9,000 bushels this year. Last year two of his Grimes Golden trees each produced 48 bushels of apples.

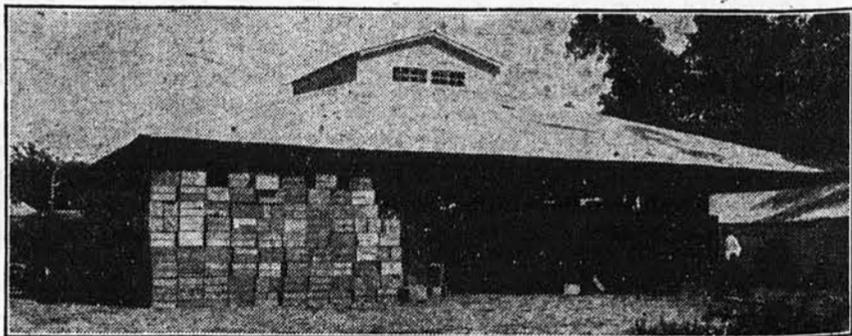
Orchards generally are in good condition this year. Frost damage last spring has reduced the crop to below normal but disease and insect control has been good and fruit of a high quality is promised.

Just now the Arkansas Valley apple growers know that they have a product that comparatively few farmers of the Middle West have and one whose quality is the best in the world. They are sure of finding a market for it at a price that will make their communities prosperous.

Game Laws for 1922

Game Laws for 1922, Farmers' Bulletin No. 1288, booklet of 80 pages giving the laws of all states, is now available for free distribution. It may be obtained on application to the United States Department of Agriculture, Washington, D. C.

By the use of better seeded preparation and quality varieties, Kansas could easily increase its average wheat yield at least 50 per cent; it is now 14.3 bushels.



Fruit Packing House in John Alter's Orchard at Belle Plaine, Kan. He Has 300 Acres of Fine Apple Trees, 200 of Which are Bearing

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YOUR paper stops when the paid-up period ends. What does your address label say this week?

If you are not now a regular reader of Kansas Farmer and Mail and Breeze, now is the time to send in your subscription order. It will come 52 times for a dollar; 3 years for \$2.00.

12,000 Farmers at Picnic

(Continued from Page 2)

farmer, who had seen pictures from Europe showing abundant yields of crops, which had been received by Otto Wulfekuhler, said it was unfortunate that Kansas did not produce crops in such great abundance. He pointed out that Kansas could equal Europe's record if the farmers had access to more information about growing crops and handling livestock.

Out of that conversation came the idea of employing a farm adviser. A number of Leavenworth farmers formed the Leavenworth County Progressive Agricultural club and in 1912 employed Mr. Ross as adviser.

The Leavenworth County Farm Bureau was the fifth organized in the United States. The first was in Broome county, New York. The idea took hold. Within the next year five other Kansas counties organized and employed advisers. Today there are 61 county farm bureaus in Kansas, with a total membership of 21,000 farmers.

J. M. Gilman First President

J. M. Gilman was the first president of the Leavenworth County Farm Bureau. In 1914 he and P. H. Ross wrote the Kansas farm bureau law that was enacted by the legislature. This made possible the rapid development of this service organization.

The Leavenworth Chamber of Commerce is largely responsible for the local farm bureau. At its inception the chamber supplied a large part of its finances. It had worked in 100 per cent harmony with the farm bureau since and much of the success of the work in Leavenworth county is due to this organization of business men.

I. N. Chapman was employed as county agent in 1916 when Mr. Ross resigned. Ross is now county agent leader in Missouri. Mr. Chapman was largely responsible for the success of the decennial celebration.

Since the Leavenworth bureau was organized it has helped bring 101 Holsteins into the county, has aided in purchasing \$11,000 worth of Short-horns for farmers and has organized and kept alive a calf club with 50 members. During the war it originated the Mother-Daughter canning club idea and took the lead in the United States in this work.

500 Take Part in Program

The history of the development of the West, particularly the Plains states, was shown in vivid pageantry at the celebration. More than 500 persons, most of them from farms, took part in this entertainment. Many men who played a part in the actual development of the state, were leading actors in the spectacle.

The pageant was written by Miss Oscoda Burr, director of pageantry at the Kansas State Agricultural College, and was directed by Miss Burr and Walter Burr.

The big crowd was disappointed because of the failure of several speakers, including J. R. Howard, president of the American Farm Bureau Federation, to attend.

Ralph Snyder, president of the Kansas Farm Bureau Federation, was in charge of the program, and delivered the opening address, in which he told of the work of the farm bureau and emphasized the need for co-operation in every endeavor. He was followed by P. H. Ross, the first agent in Kansas, who related his experiences when he pioneered in this work 10 years ago.

Frank Witherspoon, Jr., president of the Kansas City Livestock Exchange, delivered a very interesting address in which he pointed out the advantages of inter-community co-operation, declared that the Livestock Exchange was as much interested in improving marketing conditions as the farmer, urged the formation of councils representing both the exchange and the farmers to work out individual difficulties and declared that the commission men and farmers should work together in solving the larger problems of the industry to their mutual advantage.

During the day more than 4,000 pounds of barbecued beef, supplied by the Kansas City Livestock Exchange, was served to the crowd, as well as 250 pounds of beans, 100 pounds of bread and innumerable cups of coffee. The Leavenworth Chamber of Commerce was in charge of the serving and supplied much of the food. E. Y. Blum, secretary, was in charge. Many folks brought their own basket lunches.

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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Come Go With Me a-Gipsying

Come go with me a-gipsying
Upon the greenwood trail;
We'll join the caravan that winds
Down to the distant sail.
Our tent shall be a rose thicket,
When night her blanket spreads;
We'll rest upon earth's warm bosom
With stars above our heads.

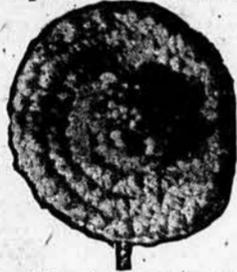
The threnody of wild bird notes
Shall wake us at the dawn;
When we shall speed as fleet away
As some shy woodland fawn;
I'll bind your brow with daisies gold
Beside some silvery stream;
While you shall from their petals read
The answer to my dream.

Nor hoofs nor walls shall hold us in,
Far mountains, vales and sea
We'll travel o'er if you'll consent
To take the trail with me;
No boundaries shall encompass,
Wide, wide are our domains;
We'll hark the bells at eventide
Sound softly o'er the plains.

And we'll turn back, no, never more;
But fare on merrily;
Sunsets and dawns shall find us far
Upon the sunlit sea;
Islands and coral reefs we'll claim
Fief held out for a day,
Hail to the outbound caravan,
Come, gipsy maid, away.
—Mabel W. Phillips.

Fancywork Ideas Galore

Now that the summer months are over, and the fruit and vegetables are all ganned, we begin to think about the fancywork we will have time to do. We look over our supply of linen and clothing and decide upon what we will have to have to last us thru the winter. Perhaps last winter's hat would do for this



winter if it had some new trimming. The crocheted flower illustrated is one of a cluster in a fancywork book we have for sale. Several other suggestions are given for hat trimmings.

This book also contains motifs for scarf ends to be embroidered or appliqued. There are also a number of pretty embroidery designs for blouses and dresses. An especially pretty pattern in the book is applique figures for a tea set.

Eight applique patterns for children's clothes—two clowns, a rabbit, bird, cat, squirrel, duck and elephant—also are shown. These are pretty, too, on scarf ends and bed covers in the children's room.

Scalloped edges finished with crocheting are a popular and pretty trimming for pillow slips, scarf ends and underclothes. Twelve attractive edges of this kind are given in the book.

If you have been wanting any of the patterns described, send for our book. It is No. 12V, and sells for 15 cents. Address the Fancywork Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.

Handicaps Could Be Avoided

The Children's Code Commission is studying the problem of conserving the health of children. More than 80 per cent of the babies born in the United States come into this world with a chance to be healthy. Only about 17 per cent grow up with normal bodies. A small percentage of these unfortunates are the result of accident or epidemics, but think of this:

Dr. Thomas D. Wood, chairman of the committee on health problems of the National Council of Education, reports: 250,000 children were shown in the last census in the United States to have organic heart disease; 1 million children now have tuberculosis; 6 million children are suffering from malnutrition not because of poverty.

More than 2 million American children have weak foot arches, weak spines or other joint defects. Our crime against childhood is that most of these handicaps of the first 16 years of life could be avoided.

The Children's Code is proposing physical examination in the schools in order to locate these defects before they develop into life-long handicaps.

The examinations are made, the parent advised of the findings of the school nurses and the doctors, but no treatment is given or required. It is then the duty of parents to act for the good of their child.

The Code Commission also would provide for the recognition of physical education in the department of education, and the establishing of courses for teachers in the normal schools.

Mrs. H. Mayfield.

What Kind of Bulbs to Buy

Chinese sacred lillies, Roman and Dutch hyacinths, paper white narcissus, and Von Sion narcissus are the most popular bulbs for winter blooming among the hardy bulbs. Freesias are popular, but they are not so hardy, the well adapted to window culture. Oxalis bulbs are excellent for hanging baskets.

There are a host of large and small trumpet narcissus varieties and all are good forcers. A few of the tulips will do well in the windows if no attempt is made to hurry them, and the window is cool. I have had excellent Spanish iris to bloom in pots, but they must not be hurried.

The Easter lily and the Longiflorus Giganteum which is now being grown in its place, as the old Easter lily was subject to disease, are not difficult to grow in the house, but take much careful attention.

For forcing buy a good grade of bulbs. In hyacinths most persons prefer the first size, but I always buy the Dutch miniature as they produce pretty spikes and are better for use in the garden afterward.

Bertha Alzada.

Beef and Tomato Stew

Beef and tomatoes is a new dish I have just discovered. I take the usual amount of cooked ground beef I serve, mixing it with ground onions, salt and pepper and then fry with lard and a little butter. When almost finished I pour in stewed tomatoes and let this heat for awhile. This makes a delightful sort of beef and tomato stew.

M. A. W.

Coffey County.

Modern Bath Room Pointers

A warm tub bath after a day's hard work not only relaxes tired muscles and rests one greatly, but it helps to keep the body in good condition by washing off the impurities which would otherwise clog the pores of the skin, thus preventing other impurities from being thrown off.

Unless the house is heated and there is a bath tub with running hot and cold water one is usually too tired to go to the trouble of carrying and heating water for the frequent baths that would add much to his comfort and health.

The point to all of which is, Why not have a modern bath room?

Kathleen Rogan

County Club News

The Help One Another club in the Bell community of Washington county held its annual election recently. Mrs. F. E. Ertel was elected president, Mrs. E. Champagne, vice-president, and Mrs. Maude Stone, secretary. A music committee, composed of Stella Smith, Mrs. Celia June and Mrs. Maude Stone was elected. The officers of the club are designated as a program committee.

Two cold-pack canning demonstration meetings were held in Sherman county recently, according to Arvid Nelson, county agent. A meeting at Shermanville was held at the home of Mrs. Pauline Kuhrt. Another meeting was held in the Grant community at the home of Mrs. A. L. Parsons. Mr. Nelson reports that both meetings were well attended.

The Spring Valley Junior club of Washington county held its annual picnic recently in the I. P. Leidig

grove. A roll call and a short business meeting were held before lunch. Following lunch the time was spent in taking pictures and playing games. Several mothers of club members and Miss Mollie Lindsey, home demonstration agent, attended the picnic.

Fourteen women of North Lawrence township, Cloud county, met at the home of Mrs. Virginia Bedor and organized a class for millinery instruction. They have also requested Theodore F. Yost, county agent, for home nursing work and a poultry culling demonstration for their neighborhood.

Miss Myrtle Bedor will be president of the class. This is the third community to enroll for millinery work, the others being in the Sibley and Pleasant Valley communities. The millinery specialist from the Kansas State Agricultural College will be in Cloud county August 14 to 26, spending three days with each group of women.

Farm Home News

BY MRS. DORA L. THOMPSON

"My people were noted as makers of the best of preserves," said a hostess recently. She was recalling the days when tin cans were the only kind offered for sale. Then preserve making was the rule. Crockery jars were sometimes used and fruit was kept in them with little sealing. A paper cover sufficed.

"There's a secret about the making of good preserves that the modern canner is not likely to know," continued my friend. "Fruit to be well preserved must be cooked quickly and left on the back of the stove to simmer. If it is cooked slowly it will be strong, biting and brownish in color.

"I first prepare my fruit, then weigh it. Then I weigh an equal amount of sugar unless the fruit itself is very sweet. If it is, I use a pound less. Then I place my sugar on to cook with just enough water to dissolve it. As soon as the sugar is well dissolved, I add my fruit and stay by it, stirring and watching carefully until it is cooked. A sample in a saucer will show when the fruit is well cooked. When it is I take it off and put it in my jars. I can make blackberry jam in the same way without losing the bright red color. Cherries, tomatoes, pears, and even apples well preserved are delicious."

If the preceding is proved by the eating, the sample of wild plum preserves showed that the theory was all right when put in practice. Peaches had been similarly treated. A little of such rich sauce goes a long way. Those canners who have filled their cans and do not feel like paying a dollar a dozen for more might well try some old-fashioned preserves.

Halves Peaches Before Paring

One peculiar feature of our home grown peaches this year is that they seem to be almost all clings, even those that should be freestone. If the fruit is quite ripe, it is "mushed" if one pares it before halving. By halving before paring, one can handle the fruit better as the skins help to keep the half firm under the amount of pressure needed.

Peach Pickles

This quality of sticking to the pit makes even freestone peaches suitable for pickles if they are used before they are very ripe. For such use, we find the following sirup good.

For 7 pounds of peaches, pears, crabs or watermelon rind, use 4 pounds of sugar—light brown preferred—½ ounce of green ginger root, 1 pint of cider vinegar, 2 teaspoons of ground allspice, 2 teaspoons of cinnamon and 1 teaspoon each of cloves and mace. Tie the spices in muslin bags and boil in the vinegar-sugar mixture. Add the fruit and cook until tender. Boil

the sirup more if necessary and pour over the fruit.

If watermelon rind is used, it is best to cut it up into inch cubes and soak overnight in weak alum water before boiling in vinegar sirup. Many succeed best by boiling the sirup each day for a week and pouring it back over the fruit.

Sunday Dinner Suggestion

Since cold meat is palatable in the summer, a beef loaf can be prepared on Saturday for the Sunday dinner. This helps to make the day of rest a reality to the homemaker.

Beef Loaf

2 pounds chopped fresh beef	¼ teaspoon pepper
¼ pound fresh pork	3 teaspoons melted butter
1½ cups oatmeal	¼ cup cold water
1 tablespoon salt	2 tablespoons meat drippings
2 teaspoons tomato catsup	

Put the meat with the oatmeal thru a food grinder; add the seasonings and sufficient cold water to make the ingredients stick together to form a loaf. Heat the meat drippings in a pan, add meat loaf and 1 cup of boiling water. Bake slowly in the oven for 1½ hours. Baste frequently while cooking.

Logan County.

Banished the Stocking Call

I wonder how many times mothers have heard this question: "Where is my other stocking?"

That inquiry was heard so many mornings in my home that I finally worked out a way to avoid it. I simply sew snaps on the tops of every pair so that they can be snapped together at night when the children undress. There is a colored thread marking on every stocking, in addition. Each child has a certain color for his mark, or brand, as these little farmers call it, and they take a personal pride in keeping their garments where they belong. It helps me wonderfully not to have to answer so many questions daily.

Dickinson County. Mrs. G. E. S.

Fall and Winter Fashion Book

Our new book of fashions contains more than 300 styles, three pages of styles worn by "movie" stars and four pages of embroidery designs. Patterns are obtainable for all styles shown.

In addition, there is a complete six lesson course in dressmaking and valuable articles telling the stout women



how to dress to take off pounds in appearance and how the thin woman should dress to appear heavier.

There are also suggestions for the short and tall women, and a color plan which will help the blond, the brunette and the in-between to choose just the right colors to bring out her type. The price of the book is 15 cents. Address your order to the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.

Affording things is largely a matter of the way you look at it. The farm that can afford modern tools and equipment can afford running water in the house.

Slashed Sleeves are New

These Dresses Make Workaday-Life Pleasanter

BY MRS. HELEN LEE CRAIG



1491—Women's and Misses' Dress. Slashed sleeves lend charm to this simple frock. Size 16 years and 36, 38, 40 and 42 inches bust measure.

1487—Women's Morning Dress. The dress shown would look well in chambray, gingham, Japanese crepe or cretonne. Sizes 34, 36, 38, 40 and 42 inches bust measure.

1495—Women's Apron or Porch Dress. The real value of an apron is judged by its ability to cover the garment underneath. Sizes 34, 36, 38, 40, 42 and 44 inches bust measure.

1474—Women's Dress.—There are many points to be remembered by the woman who would look slender, and this frock combines all of them. Sizes 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure.

1483—Girl's Jumper Dress. A new jumper dress is shown. Sizes 8, 10, 12 and 14 years.

1481—Misses' and Girls' Jumper

Dress. Worn with a white guimpe and a Peter Pan collar this dress is appropriate for school and afternoon. Sizes 10, 12, 14, 16 and 18 years.

1501—Child's Dress with Pantalettes. The tiny miss would be cunning in a frock with pantalettes and hat to match. Sizes 2, 4 and 6 years.

1505—Child's Set of Hats. There are three styles included in the pattern. Sizes 2, 4, 6 and 8 years.

1478—Women's and Misses' Dress. Two colors will appear in many of the new fall designs. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1499—Child's Dress with Bloomers. Pantie dresses have gained wide spread favor with the small girl. Sizes 2, 4, 6 and 8 years.

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.—Adv.

Women's Service Corner

Send all questions to the Women's Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. Give name and address. No names will be printed.

Shampoo Hair Every Two Weeks

How often should the hair be shampooed?—K. J.

If your hair is to reflect strength and beauty it should have a bath of fresh air and sunshine every few days. It should be given a good brushing every night. When this is done systematically it is not necessary to shampoo the hair oftener than every two weeks.

Care of Finger Nails

I have heard that one should manure her finger nails only once a month. Do you think that is often enough?—F. G.

It is not enough to manure the finger nails only once in a while. Keep them moderately short all of the time. Shape them to conform to the shape of the end of the finger. Avoid the extreme. Keep an orange stick near the wash basin so the nails can be cleaned and the cuticle pushed back every time the hands are washed.

Mothers' Pension Law

To whom should I write to secure information about the mothers' pension bill?—E. R.

Information in regard to this matter may be obtained from your county commissioner.

Repairing Plaster Cracks

The walls in our dining room are badly broken and cracked. How can I fill them?—D. S.

Make the edge of the cracks and broken places smooth by slanting them in with a sharp knife. Then fill these places with plaster of Paris to which vinegar or flour paste has been added.

Spread on the places very smooth. Then size the walls with a solution of 4 ounces of common glue mixed with 1 gallon of water. Put on with a paint brush. When it is dry the walls may be papered or painted.

Banbury Tarts

I have lost my recipe for Banbury tarts. Will you print one?—P. Y. V.

First make plain pastry according to your usual method. Combine the following:

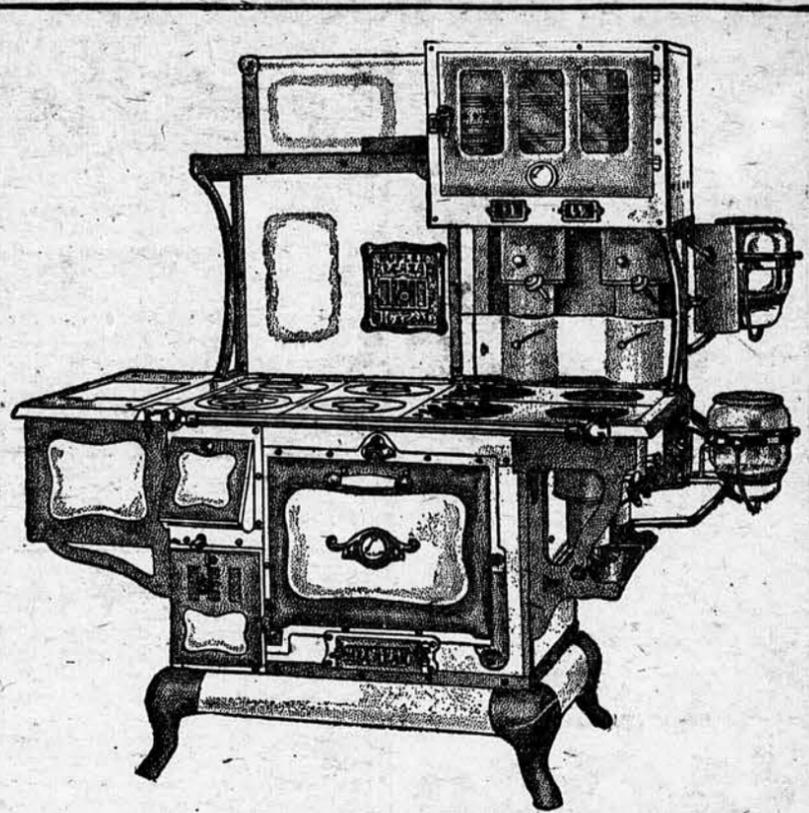
- 1 cup raisins
- 1 egg
- 1 cup sugar
- 1 cracker
- 1/4 cup lemon juice
- Grated rind 1 lemon

Seed raisins and chop. Add sugar, egg slightly beaten, crackers finely rolled and lemon juice and rind. Roll pastry thin and cut into pieces 3 1-2 inches by 3 inches. Put 2 teaspoons of the mixture on every piece. Moisten the edges with cold water one-half way round, fold over, press edges together with fork first dipped in flour, and bake 20 minutes in a slow oven.

Entertaining for the Bride?

Perhaps there will be a fall bride in your community and you would like to give her a "Furnishing Bee," or a "Cobweb Shower," or a "Handy Shower;" or, maybe the men folks want to give a shower for a prospective groom; someone in your community may be going on a long trip this fall and you would like to give her a "Going Away" shower; you may want to entertain for your parents' silver or golden wedding anniversary; or, it may be that you would like to give a stork shower for a friend.

We have a pamphlet telling how to conduct all of these showers and many others. It is called, "Showers and Wedding Anniversaries," and sells for 15 cents. If you want some help along the "shower" line, address an order for our pamphlet to the Amusement Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.



Made to Help Farmers' Wives

Yes, the farmer's wife can now have another luxury such as was once only available to city women.

She can have a stove which will cook quicker and give better results with a big saving in fuel cost over the old fashioned stove or range. Thousands of farm kitchens are now equipped with the

Oil Duplex-Alcazar

arranged to burn kerosene and coal or wood, singly or together.

The oil is vaporized and produces an intensely hot flame, concentrating the heat directly under the cooking utensils or under the oven. This concentrated heat means a cool kitchen on hot days and fuel saving. Always under your instant control. Any degree of heat you want, for you can choose your fuel as you please. Change from one fuel to another instantly or use both at the same time.

Once you try an Alcazar and you simply will not cook the old way again. We also make the wonderful Alcazar Kerosene Gas Cook Stove.

Write for booklet showing styles and sizes.

For town use there is a Duplex-Alcazar which uses gas and coal or wood.

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Recently in acknowledging receipt of a check which brought her total earnings for six days up to \$55.00, Mrs. Williamson, of Bethany, Missouri, said, "I surely am grateful and must say it was the easiest money I ever made." In the same letter she said, "You have no idea how many people like your papers!"



You Can Earn Money in This Way

We want a local representative in every community. You have exactly the same chance for earning extra money in your spare time that Mrs. Williamson has. The community in which she lives has no advantage over your own so far as securing subscriptions is concerned. Your neighbors and her neighbors are about the same kind of people. If you like the CAPPER PUBLICATIONS and are willing to devote some of your spare time to telling your friends about them, you can make money just as well as any other part-time worker.

We will be glad to furnish you the same kind of equipment that we furnished Mrs. Williamson and explain fully, the plan which will enable you to accomplish as much if not more than she has accomplished. The information will cost you NOTHING. Write today and begin earning.

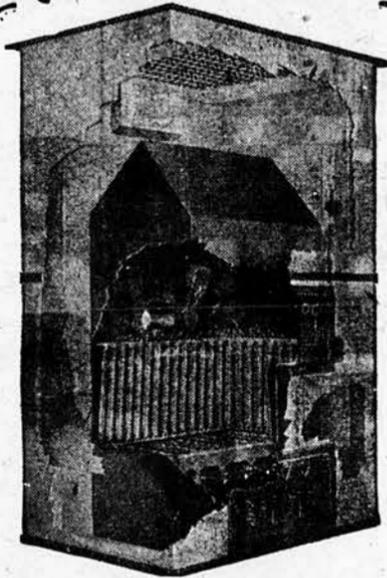
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The Bulldog is one furnace you MUST investigate. The true pipeless furnace. Comes completely erected. A really extraordinary development in heating. A distinct forward step. Built on the foundation of common sense. Do not neglect to write for our catalog now before you forget.

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No matter what the depth of your basement or cellar may be—the Bulldog fits it. The adjustable casing (another common sense feature) takes care of this. When you read our catalog we think you will agree that this alone should be sufficient to influence you to choose the Bulldog. So write today for our offer and our free catalog. Mail this coupon.

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Without obligating me in any way, please send me your free catalog and \$10 down offer on the Bulldog Pipeless Furnace.

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For Our Young Readers

Those Inquisitive Quigley Twins. A Tree Chat

BY HARRIETTE WILBUR

WHY, it's raining and the sun is shining!" Betty stopped stock-still, and that is very still indeed, particularly for a Quigley twin, to look at the blue September sky above and all about her.

"Why, it isn't raining at all!" objected Billy, quite naturally too, since there was not a cloud to be seen or a sprinkle to be felt on an outstretched hand.

"But I hear it raining!" Betty was very frankly puzzled. "Listen, every-

without a pretty good breeze because it's so slashed," remarked Billy thoughtfully.

"Is it?" asked Betty.

"It sounds reasonable but that is not the explanation. The mystery is in the stem of the leaf, not in the blade."

A Study of the Leaf Stem

So the twins looked again. At the same time they discovered that while the stem of the maple leaf was flattened the same way as the blade, the aspen's stem was flattened the opposite side. Stella, too, was quite interested now, looking at first one leaf and then the other, just as they did.

"I suppose it is because the aspen leaf presents its knife-like edges north and south while the edge of the blade is east and west?" she inquired.

"Just so, for then the slightest breath of wind cannot avoid striking the leaf, either blade or stem, and either one, being very flat and thin, acts as a sail. Notice the leaves on the aspens, how they seem to whirl about while those on the maples only lift a bit now and then.

The "Rainy-Sounding" Leaves

"But there is also some more of the mystery in the finish of the leaf. Notice how tough, almost varnished—like waxed paper—it is. The maple leaf is soft, more like cloth, so it makes a sort of swishing noise when several are blown together, but the aspen leaves have a crackling, rattling, pattering sound. Some poet once called them 'rainy-sounding leaves.' Good description, wasn't it?"

"Very," agreed everybody.

The Quiz Corner Winners

Margaret Crawley Archie Munson
Raymond Ohara Nettie Miller
Edith Stewart Eldon Furney
Jackie Frey Ethel Trump
Stella Farrar Billy Cook

The names above are those of the winners in our last Quiz Corner contest, that of July 29. To them are awarded the 10 surprise gifts. A chance for 10 more boys and girls to win surprise gifts is given in the questions below. Send your answers to the Quiz Corner, the Kansas Farmer and Mail and Breeze, Topeka, Kan. You will find the answers in this issue of the magazine. Here are the questions:

1. How can the Hessian fly be controlled?
2. Who was Sir Ernest Shackleton?
3. How did C. C. Wilson increase the productivity of his land 50 per cent?
4. Who is the United States Post Master General?
5. What bill, headed by Senator Arthur Capper, has been introduced in Congress to solve the rural credit problem?
6. Who is the United States Secretary of State?
7. Which should you say would be safer, the dairy cow game or the feeding game?
8. Who is William R. Day?
9. What has he been appointed to do?
10. What is meant by the "Outside Man" in games of chance?
11. Is there a law in Kansas requiring birth registration?
12. Where should birth registration be made?

Clean playing and good sportsmanship are two of the biggest things in life.—Take it From Dad.

Puzzle Winners

Solution July 22 puzzle (What Kind of Dogs are They?): Shepherd, spaniel, collie, Newfoundland, bulldog, Alredale, peoodle and terrier. The winners are Francis Hughes, Audrey Ahrens, Ethel Woodruff, Gertrude Miller, Dale Deadmond, Eunice Brown, Gertrude Harrison, Ada Barnes, Elizabeth Howell and Hilda Reynolds.

Solution July 29 puzzle (Every Letter in a Frame): Egg, gun, nut, tie, eye, ear, rod, dot, top and pot. The winners are Velma Mason, Evalyn Thill, Loreta Waddell, Mildred Copeland, Glen Kilmer, Catherine James, Maurice Dean, Olga Glanz, Dolly Newbury and Alberta Shook.

Solution August 5 puzzle (Products of the Farm): Barley and onions. The winners are Gladys Van Der Stelt, Helen Case, Robert Warren, Vleda Milne, Joe Peterson, William Irwin, Gerald Gray, Clara Clegg, Leroy Kershmer and Regina Brangardt.

Solution August 12 puzzle (What Do the Pictures Say?): He who waits to do a great deal of good at once will never do anything. The winners are Minnie Smith, Pearl Trout, Eleanor Whitelaw, Harold Midden-dorf, Lois Stevens, Johnny Schroer, Margaret Collins, Florence McClure, Mary Morris and Nellie Hess.

Solution August 19 puzzle (Farm Puzzle): Electricity. The winners are Mildred Purcell, Hollis Fouts, Vera Russell, Lucile Peck, Mary Horton, Ralph Rose, Virginia Carl, Beulah Preston, Margaret Medill and Roland Johnson.

body!" By which she meant her twin, Billy, and her cousins, Mark and Stella Burton.

"What you hear is the rustle of those aspen leaves, Betty," laughed Cousin Mark, pointing to several trees grouped in the park where the party was taking its afternoon stroll.

"Why, they are moving!"

"But those maple leaves aren't stirring? How is that?"

"Suppose we investigate the mystery?"

"Let's!" cried the twins.

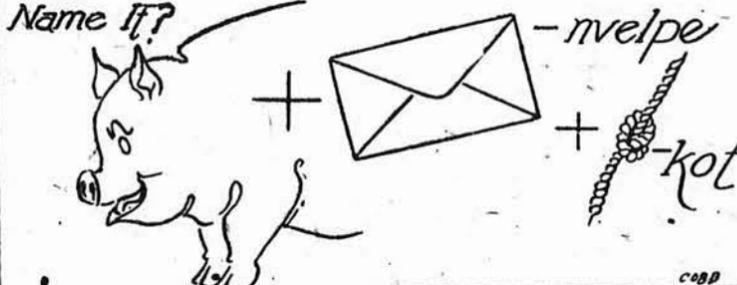
Investigating the Mystery

First Mark provided each twin with a maple leaf gathered from a low twig where the tree would never miss it. Then they went over to the aspen clump and he secured two more leaves. Almost at once the twins could see that the leaves were quite different. The maple had a leaf like a hand cut into fingers with just a roundish part of the blade in the center for the palm. The aspen leaf had a whole blade of a pretty heart shape finely toothed about the edge.

"I suppose the maple leaf can't blow

What Bird is This?

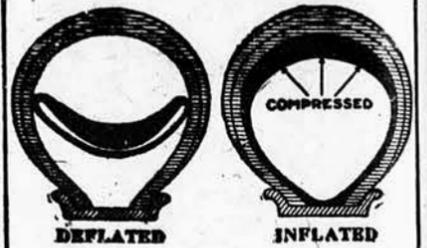
The only Bird that can drink like a Horse,
Can You Name It?
with its head down.



When you find the answer to this puzzle send it to the Puzzle Editor, The Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys and girls answering correctly.

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Health in the Family

BY DR. C. H. LERRIGO

Births of Babies Should Be Officially Registered With State Authorities

DO YOU know whether your baby is officially registered at the office of the registrar of vital statistics in the state house? Have you taken enough interest in the welfare of the child to find out? This may be a matter of life and death importance to him at some time and is quite certain to be of very great interest.

Supposing that the day comes when he wishes to travel and complete his education by taking a look at some foreign countries. When he applies for a passport he will be asked to show a copy of his birth certificate to prove his citizenship before the passport will be issued. You will not have any clear recollection of the matter by that time but you will probably feel sure that a copy can be obtained at the state registrar's office because there is a state law that all babies born in Kansas must be registered and therefore it naturally follows that your boy must have received the advantage of registration. But you may then be surprised to find that despite this law there is no record of this birth, because only such babies are registered as are reported and you neglected to see that this report was made.

It is really the doctor's business to make reports of births but doctors are very human. Sometimes they forget to make the reports and sometimes they do not take enough interest in the matter to see that it is done.

At present Kansas mothers are supplied by the state registrar with a little certificate when the registration of the baby has been accomplished, but as this takes some time it may not come until the little one is 4 or 5 months old. A better way to make sure is to ask the doctor if he is sure that he reported your baby's full name, or, if it is more convenient, phone to your city or township clerk for the information. The clerk is the local registrar and all births are first registered with him and the certificates are forwarded by him to the state registrar.

Setting a Broken Limb

My husband broke his leg about two weeks ago. The doctor set it and now it is in a plaster cast. The K-Ray picture which we have seen shows that the broken ends don't exactly fit. They do not overlap but the top part of the break stands out about an eighth of an inch over the lower part. Is that all right, or will it result in a weakness? B. L. T.

While I cannot give an accurate reply without seeing the picture I am inclined to the opinion that you may expect quite good results. After a complete fracture it is only rarely that the ends of the bone come back in exact apposition; but this is cared for by the callus which grows around the fragments. This gradually encases both ends until the entire fracture is covered. It is soft at first and allows a good deal of shaping. By the time it is set hard and solid you will have a good union. So long as there is no overlapping of fragments, and the fragments fairly approximate one another, you need have no fear.

Electrical Treatment for Goitre

What about electrical treatments for goiter. Will they bring about a cure? S. C. C.

It is not a form of treatment to be recommended generally. In certain soft goitres the application of the negative pole directly into the gland by means of the insertion of a needle does a certain amount of good, but only in well selected cases. As a general thing I think electricity is not best.

Vaccine for Hay Fever

Do you consider that the vaccine treatment for hay fever is a positive success? I tried it this year but it has not worked well. I am wondering if the fault was with me or my doctor. G. K.

The vaccine treatment against hay fever is a theoretical success but so far does not produce a large percentage of cures in actual practice. I believe that the men who make a specialty of this and similar forms of work get a better list of cures than the general practitioner but even they have a great many failures. There are many cures, tho, and I think it worth a trial.



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We are showing you a photograph of Nancy Jane so you can see just how she looks. She stands 13 inches high, has movable arms and legs, an unbreakable head, big round movable eyes that go to sleep and beautiful brown hair. She has a darling little flowered lawn dress with lace trimmings and cute patent leather slippers. She can sit alone, walk and cry out loud. Surely there couldn't be a more lovable doll.

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Bumper Year For Kansans

Huge Crop Yields Bring State Great Wealth

BY JOHN W. WILKINSON

DESPITE the hot winds and dry weather during the last half of August Kansas crops for 1922 will make record yields and will bring enough wealth into the state to insure fairly prosperous times. In fact it will be a bumper year for Kansans so far as crop production is concerned. Good rains during the spring season and in July made this result possible. It is true that the hot dry winds during the last 10 days of August injured the corn to a considerable extent and cut the yield 5 million bushels or more, but even with this reduction the crop will be a record breaking one.

100,000 More Cars of Produce

Viewed from the standpoint of tonnage the outlook is astonishing. The present outlook indicates that the 1922 crops of grain, forage, fruit, and vegetables will run from 75,000 to 100,000 cars more than for 1921 and this will mean more than an extra month's business for Kansas railroads. On the 15 major crops there will probably be 150,000 carloads more than for last year. This means a big increase in tonnage for the railroads even if only a normal percentage of this huge production is shipped. Seldom in any year has Kansas had so many good crops. Often when there is a good production of wheat there is a poor showing with corn. Or if the corn makes a fair crop there will be a failure with potatoes or some of the other crops, but this year indications are that there will be record yields of nearly every crop.

The Kansas State Board of Agriculture placed a minimum estimate of 112 million bushels on the wheat yield, while other authorities have made maximum estimates of 115 to 120 million bushels as compared with 128 million bushels for last year. From 50 to 60 per cent of the wheat is yet to be threshed and it is difficult to make an accurate estimate of the final returns at this time.

100 Million Bushel Corn Crop

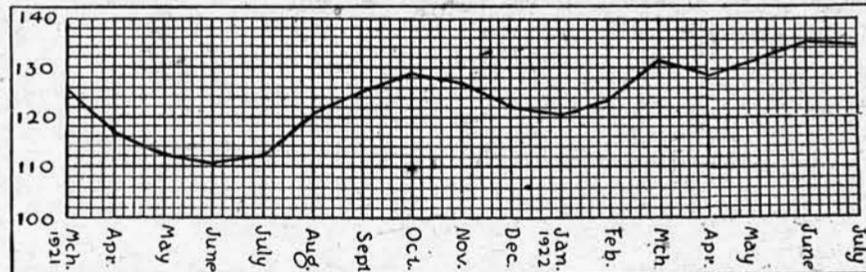
The corn yield will range from 100 to 110 million bushels. Two weeks ago before the hot dry weather began to cut down the prospects for corn nobody placed the estimate on the final yield under 110 million bushels. However, conceding the worst possible results from that source the yield will not be less than 100 million bushels or 4 million bushels greater than for the crop of 1921.

Rye, barley and potatoes will yield from 20 to 25 per cent more than was harvested from these crops last year. Grain sorghums including milo, kafir, feterita will make from 40 to 50 per cent larger yield than was reported for the crop last year. Many conservative authorities estimate this year's yield at 30 million bushels as against 19 million bushels for last year's. Forage from the grain sorghum crops will approximate 2,400,000 tons as compared with 1,900,000 tons last year. Cane shows an increase of 25 per cent over last year. The broom-corn acreage is almost doubled. The crop for 1922 shows 17,100 acres as compared with 10,200 acres for last year. The broomcorn yield is estimated at 5 million pounds against 3,300,000 pounds last year. The hot weather in August injured the crop to some extent but good yields are expected despite this fact.

Fairly good yields of hay are reported from every part of the state. It is estimated that the yields of tame hay, prairie hay, Sudan grass, alfalfa hay, bluegrass and other crops will aggregate 12,400,000 tons as against 9,780,000 tons for last year.

2 Million Bushels of Apples

Altho the fruit crop is not large this year yet it is good enough to attract attention as compared with almost a total failure last year. According to O. F. Whitney, secretary of the Kansas State Horticultural Society, the total yield of the apple crop will be 2 million bushels as compared with only 200,000 bushels for last year. Of this year's yield there will be at least 1 million bushels of apples for commercial purposes of a high quality grade. About 600,000 bushels of these will come from the Arkansas River Valley country and about 400,000 bushels from Northeastern Kansas. The peach crop Secretary Whitney thinks will not exceed 50,000 bushels. A considerable amount of plums, pears and grapes were harvested but no accurate estimates are available in regard to the yields. Probably a million



Trend of Farm Prices on the 1910-1914 Pre-War Average Basis of 100 Per Cent—Index Figures at the Left Show Comparative Range

8-pound baskets of grapes will be marketed this year. Good crops of cherries and berries also are reported.

The livestock industry shows a substantial recovery from last year and feeders are now counting on fair profits as compared with constant losses last year. There are now probably 1 1/2 million hogs in Kansas as compared with 1,304,000 hogs a year ago.

Farm Prices Comparatively Good

The trend of farm prices on most farm products during the first half of the year made substantial advances as compared with those of last November. Despite the reports of record breaking yields of crops, prices have showed but little tendency to break except in a few instances. Taking the farm prices of 1910-1914 the pre-war average as a basis of 100 per cent the comparative value or range of prices of wheat, corn, oats, barley, potatoes, apples, cotton, butter, eggs, chickens, hogs, beef cattle, veal calves, sheep, lambs, cows, wool and dry beans is

shown in the accompanying graph on this page. The index figures at the left indicate the change or range in the variation. The curve indicates that during the last month prices have been almost stationary.

Special County Reports

Local conditions of crops, livestock, farm work, and rural markets are shown in the following county reports from regular correspondents of the Kansas Farmer and Mail and Breeze:

Barton—Hot, dry weather continues. A good rain is needed. Corn is suffering for lack of moisture. Some plowing is yet to be done. Several public sales have been held.—A. E. Grunwald.

Brown—Everything is drying up. Corn and pastures are suffering the most. Much ground has been prepared for the usual acreage of wheat that will be sown. Summer heat was hard on horses and many farmers used tractors with which to plow. Rural market report: Wheat, 87c; corn, 46c; cream, 26c; eggs, 18c; hogs, \$9.—A. C. Danenberg.

Chautauque—Dry hot weather the last ten days has damaged the corn crop at least one third. Garden and truck patches have dried up. Some plowing has been done but ground is now too dry and hard to work.

Livestock is looking fine despite the hot weather. Rural market report: Eggs, 12c; butterfat, 23c.—A. A. Nance.

Cherokee—We have just had two weeks of very hot dry weather, accompanied by several days of hot winds. All fodder crops are ready to harvest. Much wheat remains to be threshed. Many public sales are being held at which low prices are paid.—Lydia Smyres.

Ford—A drop of 45 degrees in temperature was very welcome. Thermometers reached 110 degrees several times last week. We have had no rain for some time and ground is getting dry. Corn is firing and feed crops are suffering for want of moisture. Threshing is practically finished. Farmers are sledging down ridges and disking wheat ground.—John Zurbuchen.

Gove and Sheridan—It is very hot and dry here. Threshing is about finished. Disk plows are about the only kind that are being used because the ground is so hard. About half of the 1922 wheat crop has been harvested. Several sales have been held recently. Most pastures are good and livestock is in a satisfactory condition. Rural market report: Wheat, 90c; barley, 32c; oats, 32c; cream, 24c; eggs, 17c; chickens, 15c; tomatoes, 3 1/2c.—John Aldrich.

Gray—Threshing is nearly finished. The wheat yield was very uneven. This has been the driest season for many years. Corn and other row crops are suffering for lack of moisture. The ground is so dry that disking practically is the possible means of preparing wheat ground.—A. E. Alexander.

Greenwood—No rain has fallen since July 12, except heavy local showers in some parts of the county. Corn cutting has been started. Late corn, kafir and hay crops are burning badly. Not much wheat ground has been prepared and the soil is now dry and hard which makes plowing very difficult. The wheat yield was disappointing. Pastures are drying up. Rural market report: Corn 50 to 60c; kafir, 80c.—John H. Fox.

Harper—Early corn will make a good crop, but late corn will not make more than half a crop. A large portion of the wheat ground has been prepared. Ground is very dry. We had excessive heat for 10 days. No wheat is testing above 57. Rural market report: Wheat, 90c; eggs, 15c.—S. Knight.

Harvey—Ground is hard and dry, yet much plowing remains to be done. The latter part of last week was cooler but was not accompanied by a much needed rain. Rural market report: Wheat, 90c; oats, 45c; corn, 60c.—H. W. Prouty.

Jackson—Last week we had exceedingly hot and dry weather which will damage the corn crop more than 50 per cent. Ground is too dry and hard to plow and pastures are getting short and drying up. Chinch bugs are working in many fields of corn. Several farmers are holding public sales. Rural market report: Corn, 50c; wheat, 90c; hogs, \$8.—F. O. Grubbs.

Lane—Last week was very hot and dry. Water was scarce because there was not enough wind to operate the wind mills. Threshing outfits are running full time and stacked grain is in excellent condition. Three farm sales were held last week; the prices paid were as a rule unsatisfactory. Disks are being used because the ground is too dry to plow. Rural market report: Wheat, 95c; butterfat, 23c; hens, 14c; eggs, 15c; spring chickens, 17c.—S. F. Dickinson.

Linn—It has been very hot but is cooler now. All vegetation shows the lack of moisture. Haying is nearly finished. Some stock and hogs are being shipped. Rural market report: Wheat, 85c; corn, 60c; potatoes, \$3; chickens, springs, 20c; hens, 17c.—J. W. Clinesmith.

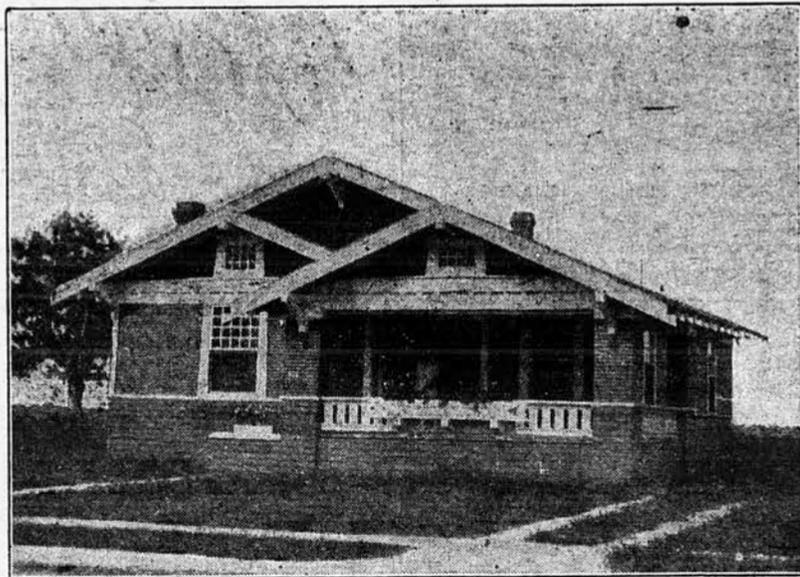
Marshall—A severe drouth has cut the corn crop in half in this county. The third cutting of alfalfa was very light. Pastures are dry. Silos are being filled. Ground is now too hard to plow. About the same acreage of wheat will be sown as last year. Rural market report: Corn, 43c; wheat, 85c; shorts, \$1.30; bran, 95c; hens, 17c; cream, 23c; eggs, 18c.—C. A. Kjellberg.

Osage—Wheat threshing is finished and much of the grain has been marketed. Very little plowing for wheat has been done. Chinch bugs and the hot, dry weather have damaged the prospects for an excellent corn crop. Pastures are drying up but there is still plenty of water for livestock.—H. Ferris.

Pawnee—It is very dry here and a good rain is needed. Threshing is nearly completed. There is a shortage of cars because of the railroad strike. Taxes, insurance and expenses of farming have not decreased and have the prices for farm products.—E. H. Gore.

Woodson—The wheat acreage will be reduced 40 per cent. The ground is dry and some plowing remains to be done. A good rain is needed before the new wheat crop is sown. Corn is about matured. A few satisfactory public sales are being held.—E. F. Opperman.

A House That is Homelike

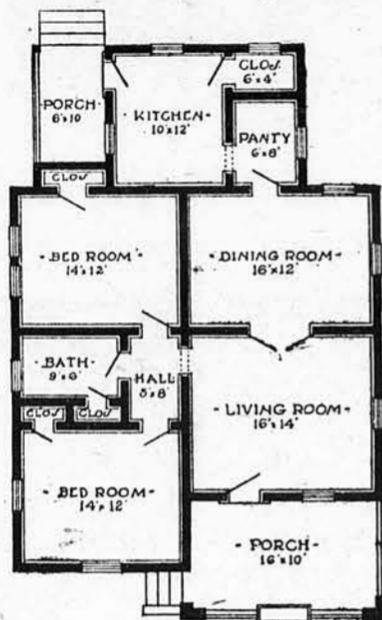


THIS trimly built little house presents a homelike appearance that is much to be desired. It seems to extend an invitation to the owners' friends to come and sit on the front porch and "be sociable."

This design you will note embodies a living room large enough for the comfort of the entire family, and for the entertainment of friends, as well as bed rooms of generous size, plenty of closets, and passageways which make all parts of the house easily accessible from all other parts. It is really an attractive, convenient and economical house.

Straight roofs may be constructed with least waste of material, and cost of labor. The illustration shown presents a roof constructed on straight lines, which is quite as effective as the usual, more expensive roof which is cut up with hips and valleys. The extension of the forward part of the roof in two parts instead of one is hardly more expensive than the one gable would be.

We expect soon to have a book of plans to offer our readers, but for the present can furnish only those plans which have appeared in this paper. Plans and Specifications for Design No. 515 will be sent on receipt of \$8 by the Home Service Editor, Kansas Farmer and Mail and Breeze.



Invest Safely and Profitably

In these days when every dollar counts and when so many "investment" schemes are directed at the farmer, the problem of investing surplus funds is really important. I believe that I have solved that problem for the readers of Kansas Farmer & Mail & Breeze. This investment is backed by 28 years of success in a business which has grown to be one of the strongest concerns in the Midwest, and in fact, the largest business of its kind in the world. Further conservative expansion and additional equipment are the motives for obtaining additional capital at this time. Amounts of \$100 or more are solicited. The rate of interest is 7 per cent payable semi-annually with the privilege of withdrawing any or all of the investment at any time upon 30 days' notice. I can unqualifiedly recommend this investment and believe it as safe as a government bond. A letter to me will bring you promptly further information. Arthur Capper, Topeka, Kan.

Sanity lies in the ability to think individually and act collectively.



Capper Poultry Club

All Aboard for a Good Time at Topeka Pep Meeting

BY RACHEL ANN NEISWENDER
Club Manager

SEPTEMBER is with us. The Golden-rod by the wayside tells us so. School begins, harvest continues and farm kitchens send forth a spicy fragrance of fruits and jams. This first month of autumn holds an additional feature for club folks, for it is the time of the big pep meeting in Topeka. The meeting will begin on the morning of the 11th, early, and it will continue until after the banquet, Wednesday evening, September 13. Three big days fairly bubbling over with fun! Of course, you are coming. Cards and letters are beginning to arrive, telling me to expect certain club members, and I know that if I haven't heard from you it is only because your card hasn't arrived. No one wishes to miss three days of pleasure with many educational features thrown in. Don't forget the dates, load up the family car or take a train and come. All we need to make the meeting a big success is you—and you—and you.

About the Track Meet

Do you enjoy races? I know you do or you wouldn't be working so hard for this year's trophy cup. On the after-



Mildred Ungeheuer

noon of the third day while the dads are beating the boys at baseball, we're going to have the best time ever. It's going to be just like a real party, for Miss Flanagan and I are planning all kinds of contests, races and games for that afternoon. On other days you'll get to visit the places of interest in Topeka, visit the fair and see the poultry judged, attend the races and the big night show, as well as attend a theater party as the guests of Senator Capper. There'll be a big business meeting, with talks by experienced breeders, and last but not least there'll be the big banquet. We'll meet friends and make friends. I'll see you at the fair, won't I?

Linn and Leavenworth Entertain

Shut your eyes and imagine you see two big hayracks filled with good things to eat. You say that's rather an absurd picture and that I must be real hungry, or have had too much to eat if I can picture that, and you'll be surprised when I tell you it actually happened. The club managers attended Linn county's August meeting, and we're still talking about the good time we had. The meeting was an all-day affair with a picnic dinner in the middle, a program and baseball game after dinner. Linn county folks are doing fine work, and the club is not only an inspiration to the individual, but an incentive to better community life.

Today I wish you to meet one of Linn county's peppy and enthusiastic members, Mildred Ungeheuer. Mildred is a veteran in club work, and has done exceptionally well with her chickens. Here we see her with her grade school

diploma. She will be a freshman in high school this year.

Leavenworth does not have a full team, but it has a team of real workers. To prove that they have all the varieties of pep, the girls gave an ice cream social on the hottest night in August, the 24th. Because I was there I can say that the program was fine, and that the ice cream, cake and lemonade certainly tasted delicious, and that I enjoyed meeting the girls of my Leavenworth team.

Missed Morris County Meeting

When Mr. Gilkeson and Mr. Whitman came home from Manhattan and told me about the splendid meeting held on the Kansas State Agricultural College grounds on August 26 by the Morris County Capper Pig Club, I envied them their good time. But I regretted more than ever that I was not present when I learned that my Morris county girls were there and held a

business meeting. Under the leadership of Annie Laurie Edwards, the Morris county team is leading out, and is accomplishing real things.

Once again it is time for the pep standing. Don't the months flit by? It seems that the contest is almost over, but when you think of the September meeting, which is the only one for which points will be given except the Topeka pep meeting; when you think that every mile traveled to and from Topeka adds one point for your club; when you think of four months of report blanks yet to come in, then you agree with me that this standing does not decide the contest. In every race speed is held back to be used at the finish. The goal of the contest is not won, but it is in sight. Pick up all the speed you can for the finish. And three cheers for the winner!

Osage, Vera Smith.....	412
Cloud, Claire Jamison.....	281
Linn, Elsie Morrell.....	272.45
Rooks, Esther Evans.....	263
Reno, Helen Elizabeth Dale.....	259
Wallace, Willa Swanson.....	238
Finney, Nina Will.....	237.8
Lyon, Bertha Bechtel.....	236.2
Morris, Annie Laurie Edwards.....	232
McPherson, Daisy Hartman.....	231.6
Republic, Erma Murphy.....	177
Greenwood, Opal Satchel.....	173.8
Leavenworth, Marguerite Metcalfe.....	171
Cowley, Thelma E. Kent.....	142.8

No report for July has been received from Leavenworth county, and this is true of several other counties not listed here. When these come in, the standing may be somewhat changed. Please try to send your county leader blank to me by the end of the month.

FOUKE

Trappers: **wants your name and address if you are going to trap or buy**

Write Fouke today—prospects very good. For best results it's important to have constant up-to-the-minute market information. Fouke gives it. Get the jump on the other fellow.

FURS

SEND TO-DAY

FOUKE FUR COMPANY
189 Fouke Building, St. Louis, Mo.
Put my name on your books for Fouke Market Reports and "The Trapper's Fardner," the new book on how to trap and grade furs, game laws, low prices on all supplies—all FREE.

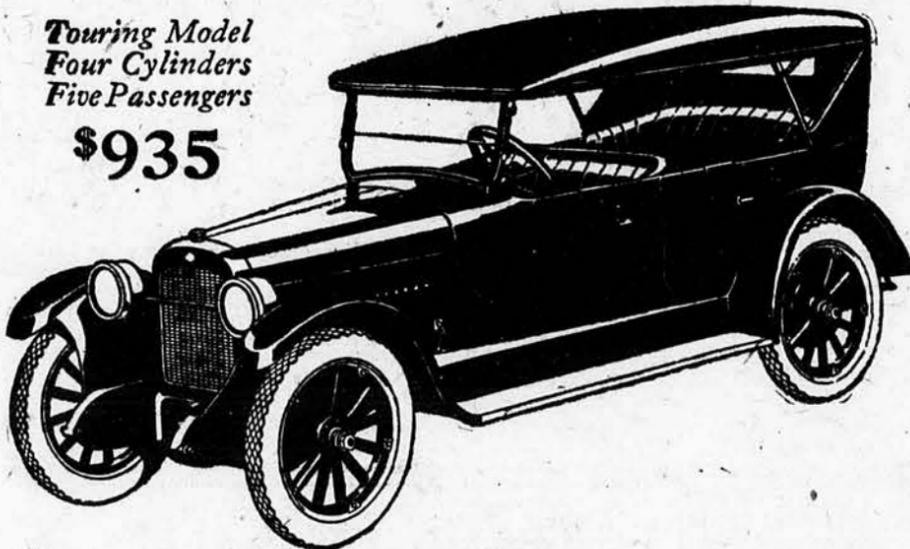
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Town _____
State _____ R. F. D. _____ Box _____

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WORK PANTS they fit

Nash Leads the World in Motor Car Value.

Touring Model
Four Cylinders
Five Passengers

\$935



No one thing has contributed more emphatically to the pronounced preference farmers are exhibiting toward the Nash than the freedom of the car from need of mechanical attention. In hardest duty, and in every circumstance of road and travel it "stands up" ruggedly and performs with remarkable power and efficiency.

FOURS and SIXES

Reduced Prices Now Range from \$915 to \$2190 f. o. b. Factory

NASH

THE NASH MOTORS COMPANY
KENOSHA, WISCONSIN



Business and Markets



By John W. Samuels

BEEF production in the next few months it seems will be about equal to the average for the corresponding season. Receipts, slaughter and stocker and feeder shipments at public stockyards in the first half of 1922 were practically equal to the average for the same period in the preceding six years. Receipts for the first six months of 1922 were 7,547,000 as against 7,438,000 as the average for the first six months in the years from 1916 to 1921 inclusive. The number slaughtered in the first six months of 1922 amounted to 5,785,000 as compared with 5,732,000, the average for the first six months in each of the years from 1916 to 1921. Stocker and feeder shipments for the first six months of 1922 showed a total of 1,672,000 as against 1,700,000, the average for the first six months in each year from 1916 to 1921 inclusive.

Cattle Production Seasonal

Cattle production is distinctly seasonal and September, October and November when cattle are coming from the ranges are the months of heaviest receipts. October always has been in the lead every year except in 1920. Cattle slaughter in October averages materially greater than in any other month with November and September following next in order. A study of market records indicates that there will be a substantial increase in the supply of cattle at the leading markets together with a widening of the spread in prices between prime and common grades in the next two months. The trend of prices of the best and the poorest beef steers and the spread of prices between these grades is shown very strikingly in the accompanying chart published on this page.

Livestock at Kansas City

Prices for cattle and hogs at Kansas City this week were higher, but lambs were lower. Prime fat steers sold this week up to \$11, the highest price paid on any market this year and 35 cents above last week's top. The lower early in the week the market for grass cattle rallied and closed 15 to 25 cents higher. Hog prices fluctuated within a narrow range and closed the week 5 to 10 cents net higher.

Beef Steers Up to \$11

The cattle market this week developed considerable irregularity, tho in the average closing prices were 15 to 25 cents above last week. Medium to fairly good and prime steers advanced the most. One load of prime 1,304 pound steers sold up to \$11, the highest price paid on any market this year. Other choice to prime steers sold at \$10.25 to \$10.75 and good steers \$9.75 up. Wintered summer grazed steers brought \$7.85 to \$10, and straight grass fat steers \$3.60 to \$9.25. Those below \$5.50 were common quality. Cows and heifers held steady, and veal calves closed \$1 under the high point of the week with top \$10. The top early in the week was \$11.

Hogs are 10 Cents Higher

Hog prices are 5 to 10 cents higher than a week ago, tho slightly lower than the extreme high point of the week. The top price was \$9.10 and bulk of sales \$8.60 to \$9.10. Quality of the offerings was plain. Pigs sold up to \$8.75.

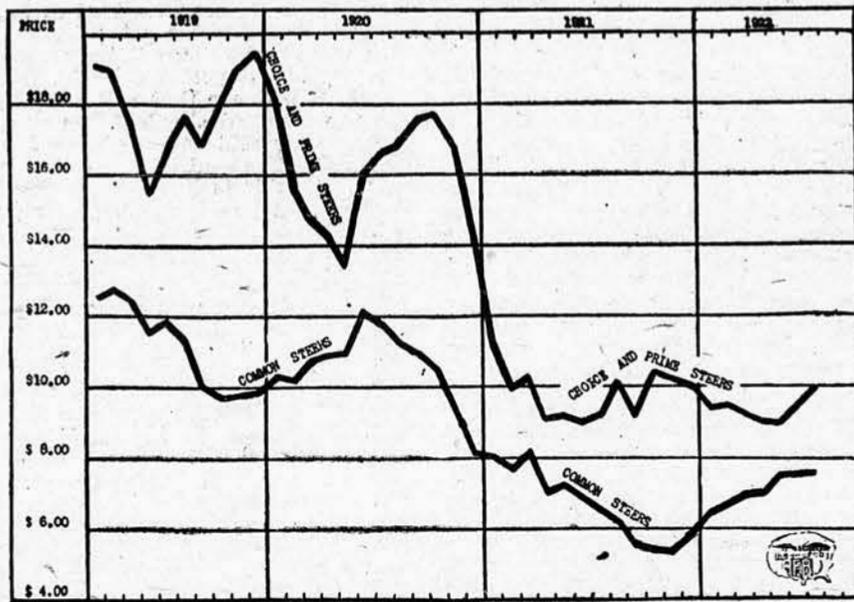
Lambs are 50 cents lower and sheep steady. But even at the decline the market in Kansas City was relatively higher than in Chicago. Lambs are quoted at \$11.50 to \$13, fat ewes \$4.50 to \$7, and wethers \$6.50 to \$7.50. Feeding lambs were in limited supply at \$10.50 to \$12.25.

Horses and Mules

Trade in horses and mules showed larger volume this week than for some time past and prices ruled fully steady. The following prices are quoted at Kansas City on horses:

Drafters, weighing 1,500 to 1,700 pounds, \$100 to \$140 apiece; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$85; fancy drivers, \$100 and upward; Southerners, \$50 to \$75; plugs, \$10 to \$25.

The following quotations are given



Trend of Prices of Best and Poorest Beef Steers. A Widening of the Spread of Prices Between These Grades Will Occur in the Next Two Months

at Kansas City for good work mules, 4 to 7 years old:

Mules, 13½ to 14 hands high, \$25 to \$85; 14 to 14½ hands, \$50 to \$85; 15 to 15½ hands, \$85 to \$125; 15½ to 16 hands, \$100 to \$140; extra big mules \$125 to \$150.

Dairy and Poultry

Eggs and poultry at Kansas City are reported unchanged in prices. Creamery products and butterfat were steady. Packing butter advanced 1 cent a pound.

The following prices are given in Kansas City for dairy products this week:

Butter—Creamery, extra, in cartons, 38c a pound; packing butter, 21c; butterfat, 31c; Longhorn cheese, 22c a pound; Brick, 20¼c; imported Roquefort, 66c; Limburger, 20c; New York Daisies, 25c; Swiss, 38 to 50c.

The following quotations are given at Kansas City on poultry and poultry products:

Live Poultry—Hens, 14c; broilers, 22c; springs, 21c; turkeys, 30c; old toms, 25c; roosters, 10c; ducks, 14c; geese, 8c.

Eggs—Firsts, 24c a dozen; seconds, 20c; selected case lots, 30c.

Hides and Wool

The following quotations are given in Kansas City on green salted hides this week:

No. 1 green hides, 13½c a pound; No. 2 hides, 12½c; side brands, 9c; bull hides, 8c; green glue, 5c; dry flint, 14 to 15c; horse hides, \$3 to \$4 apiece; pony hides, \$2.50.

The following prices are reported in Kansas City on wool:

Kansas, Oklahoma and Nebraska bright medium wool, 30c a pound; dark medium, 28c; light fine 30 to 32c; heavy fine, 20 to 25c; Colorado, New Mexico, Utah and Texas light fine good staple, 30 to 35c.

The increased marketing of spring wheat with the dull export demand

had had a tendency to depress prices. Wheat futures were affected to some extent by this situation and suffered declines. September wheat futures showed losses of 2½ to 2¾ cents while December and May showed losses of 1¼ to 2 cents. With wheat slightly under a dollar at practically all markets there is no expectation of any additional serious decline. Increases of 8 to 25 million bushels in the final spring estimate are now expected over the Government's August estimate of 263 million bushels.

A sagging tendency developed in the corn futures in sympathy with the wheat situation and there were losses of approximately 2 cents on all deliveries early in the week, but persistent reports later in the week concerning the damage resulting from the dry hot weather caused a vigorous rally and the market closed with a slight final gain of ¼ to ¾ cent for all deliveries. But little change was reported in oats. The following quotations are given at Kansas City on grain futures:

September wheat, 93¼c; December wheat, 94c; May wheat, 98¾c; September corn, 52¼c; December corn, 50¼s; May corn, 54¼c; September oats, 31¼c; December oats, 33¼c.

Cash Wheat Prices Steady

This week at Kansas City all grades of wheat are fairly steady and unchanged. Demand for hard and dark hard wheat was good. The following sales are reported in Kansas City:

No. 1 dark hard wheat, \$1.05 to \$1.14; No. 2 dark hard, \$1.04 to \$1.14; No. 3 dark hard, \$1.02 to \$1.14; No. 4 dark hard, \$1.01 to \$1.12; No. 5, \$1.07.

No. 1 hard wheat, \$1.01 to \$1.11; No. 2 hard, \$1 to \$1.11; No. 2 hard, 99c to \$1.10; No. 3 hard, 98c to \$1.11; No. 4 hard, 95c to \$1.08.

No. 2 Yellow hard, 98c; No. 3 Yellow hard, 98c.

No. 1 Red wheat, \$1.05 to \$1.06; No. 2 Red, \$1.03 to \$1.05; No. 3 Red, 98c to \$1.02; No. 4 Red, 94 to 98c; No. 5 Red, 95c.

No. 3 mixed wheat, 98c; No. 4 mixed, 97c; No. 5 mixed, 94 to 95c; sample mixed, 91c.

Corn and Other Cereals

Corn is quoted at Kansas City unchanged to 1 cent lower. Oats are unchanged to ½ cent lower. Kafir is quoted 3 to 4 cents higher.

The following quotations are given at Kansas City on corn:

No. 2 White corn, 55c; No. 3 White, 54¼c; No. 4 White, 54c; No. 2 Yellow corn, 58¾c; No. 3 Yellow, 58 to 58¾c; No. 4 Yellow, 58c; No. 2 mixed corn, 55c; No. 3 mixed, 54¼c; No. 4 mixed, 54c.

No. 2 White oats, 35c; No. 3 White, 34 to 34½c; No. 4 White, 33 to 33½c; No. 2 mixed oats, 33 to 35c; No. 3 mixed, 32 to 34c; No. 2 Red oats, 33 to 35c; No. 3 Red, 32 to 34c; No. 4 Red, 30 to 32c.

No. 2 White kafir, \$1.85 to \$1.86 a hundredweight; No. 3 White, \$1.84; No. 4 White, \$1.82.

No. 2 milo, \$2; No. 3 milo, \$1.98; No. 4 milo, \$1.96.

No. 2 rye, 67c; No. 3 barley, 50 to 51c; No. 4 barley, 46 to 47c.

Hay and Millfeeds

Hay is quoted in Kansas City as steady to strong. The following sales are reported:

Choice alfalfa hay, \$18 to \$19.50 a ton; No. 1 alfalfa, \$17.50; standard alfalfa, \$14 to \$15.50; No. 2 alfalfa, \$12 to \$13.50; No. 3 alfalfa, \$9 to \$11.50.

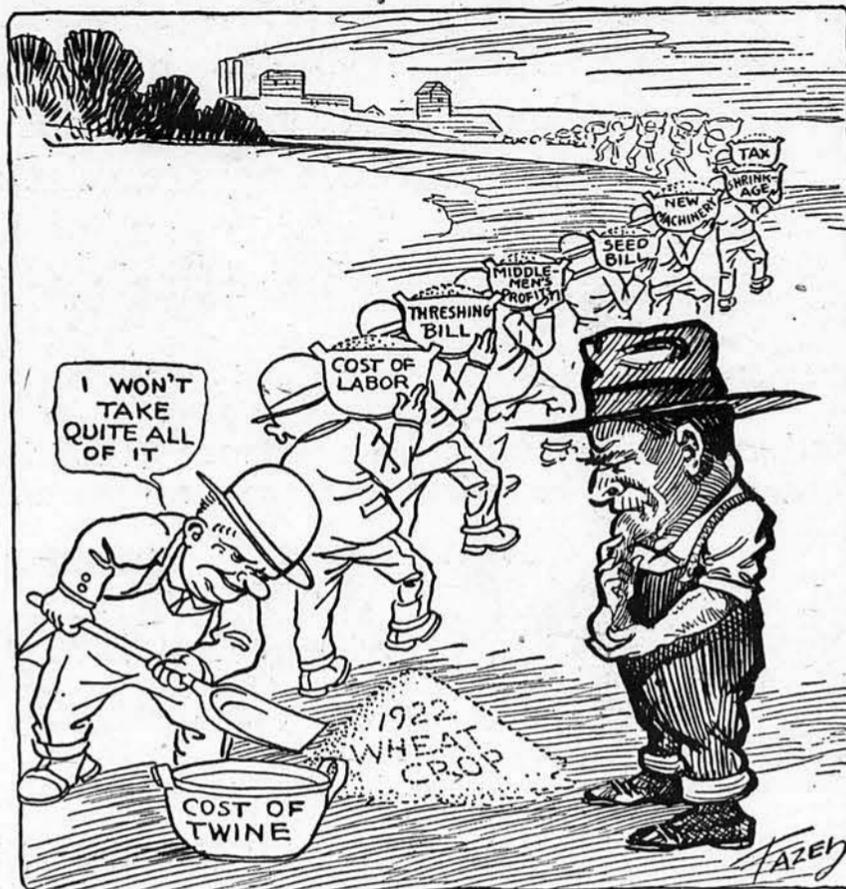
No. 1 prairie hay, \$10.50 to \$11.50; No. 2 prairie, \$9 to \$10; No. 3 prairie, \$7 to \$8.50; packing hay, \$6 to \$6.50.

No. 1 timothy hay, \$14 to \$15; standard timothy, \$12.50 to \$13.50; No. 2 timothy, \$11 to \$12; No. 3 timothy, \$9.50 to \$10.50.

Light mixed clover hay, \$14 to \$15.50; No. 2 clover, \$8.50 to \$11.

The following quotations are given in Kansas City on millfeeds: Linsed meal, \$51.25 to \$55; cottonseed meal and nutcake, \$42 to \$43; tankage, \$40 to \$75; No. 1 alfalfa meal, \$20 to \$22; No. 2 alfalfa meal, \$17 to \$18; No. 1 molasses alfalfa meal \$21; No. 2 molasses alfalfa meal, \$18; grain molasses horse feed, \$24 to \$27; grain molasses hog feed, \$37.

The Original Common Carrier



The Movement of the 1922 Wheat Crop in the West is on Again in Earnest. Mr. Farmer Wonders Just How Much He Will Get Out of the Game

\$7.50 After 30 Days Free Trial

The Belgian Melotte Separator - with the wonderful Self-Balancing Bowl. No other like it.

90 days' free trial - then, if satisfied, only \$7.50 and a few easy payments - AND - the wonderful Belgian Melotte Separator is YOURS.

No Money Down!

Catalog tells all - write.

Caution! U. S. Bulletin 201 shows that vibration of the bowl causes cream waste!

The Melotte bowl is self-balancing. Positively cannot get out of balance therefore cannot vibrate. Can't remix cream with milk. The Melotte has won 201 Grand and International Prizes.

Catalog FREE

Write for new Melotte catalog containing full description of this wonderful cream separator and the story of M. Jules Melotte, its inventor. Don't buy any separator until you have found out all you can about the Melotte and details of our 15-year guarantee which is infinitely stronger than any other separator guarantee. Write TODAY.

The Melotte Separator, H. B. Babson, U.S. Mgr. Dept. 2976, 2843 W. 19th Street, Chicago, Ill.



Runs so easily, bowl spins 25 minutes after you stop cranking unless you apply brake. No other separator needs a brake. Bowl chamber is porcelain lined.

USE HUSKUM FOR SORE HANDS

Keeps your hands free from chapping and soreness at corn husking time and all year round. Don't run chances of inflammation or blood poisoning. Huskum HEALS cracks - removes soreness. The famous scientific remedy for sore hands.

Thousands use Huskum the year round - not an experiment. Made for workers - not a "beauty cream." Where hands are chapped, bruised, cut, HUSKUM is the quickest, most effective, most soothing and healing lotion known. Stops inflammation and infection instantly.

CENTRAL MFG. COMPANY
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Our Special Trial Offer: Send 25c and name of druggist or hardware man for a big trial bottle of Huskum.

DOLLAR SAVING SALE

To introduce Galloway merchandise, Galloway low prices, easy terms, to make customers and friends, and to acquaint them, careful economical buyers with the big savings to be made by Galloway's Factory-to-Farm plan, we have put on a big Dollar Saving Sale.

GALLOWAY

Prices cut to the bone on engines, sprayers, separators and household necessities for farm and home. Don't miss this chance. Write for catalog today - it's free. The most wonderful Book of Bargains ever put before you. Write today.

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Rupture is Dangerous!

Instant Relief; Many Cures Reported; Full Directions and Sample SENT FREE

Just because you have been ruptured for years and have tried all kinds of bungling trusses and appliances, salves, liniments and plasters without satisfactory results, do not think you have to stay in this dangerous condition.

You may have instant blessed relief and, as scores of others report, complete recovery by the use of this simple, inexpensive discovery.

Send no money. To prove that my famous Sponge Rubber Rupture Pad does Conquer Rupture, even in its worst forms, I will send a sample absolutely free to any ruptured person, in a plain sealed package. Possibly you are wondering whether this can be true. Stop! The test is free and surely the test will tell. Cut out this notice and hand it to a ruptured friend or send it with your name and address to E. H. Scott, Hernia Expert, 558 G. Scott Bldg., Akron, Ohio, and you will quickly receive a sample Sponge Rubber Pad with full directions. No obligation to purchase. Don't let Rupture handicap you in the battle of life, but make this test today.

Money in Dairying

BY J. H. FRANDBSEN

HOW can I break my cow of the self-sucking habit? That is a question often asked. A number of remedies will prevent sucking, altho it is doubtful whether they will stop the trouble completely. A ring in the nose of the sucking cow and about three other rings attached to the ring in the nose works well. Another popular device consists of a halter, a girth and a stick 3 1/2 or 4 feet long, with a ring in each end.

Place the stick between the forelegs, fastening one end to the girth and the other to the halter. Some have recommended using two sticks, one on each side of the cow, but attached in about the same way to the halter and the girth placed back of the cow's forelegs. Many patent devices, such as muzzles with sharp points, are used successfully. Most of them, however, are objectionable in that there is danger of injury to the udder, particularly if the cow is in the habit of sucking other cows.

Milk Makes Good Teeth

Scientists are constantly discovering new and valuable data regarding the importance of milk as a food, but perhaps no recent development is more interesting than that which has come to light regarding the value of milk in the growth and maintenance of sound teeth.

It appears that if the mineral matter and vitamins such as are found in milk, are not supplied liberally to the growing child, the jaw bone and teeth do not develop properly. Where the child has been deprived of milk, the teeth, not having proper support, are of inferior character and do not last more than a few years. Mineral salts and vitamins such as are found in milk and certain leafy vegetables, are indispensable to sound teeth in children.

Swat the Fly

Flies are a serious menace in milk plants during the warm season of the year, and milk plant operators should take every precaution to eliminate them as far as possible.

In order to keep down the breeding of flies, the road, street, and alley surroundings of the plant should be kept clean, and there should be proper disposal of wastes and drainage, both inside and outside the plant.

Screens should be attached to all windows and doors during the fly season. The screens should be outside and open outward. The milk-receiving room especially should be well screened, and self-closing doors should be attached to this room as well as to the others thru which workmen pass continually.

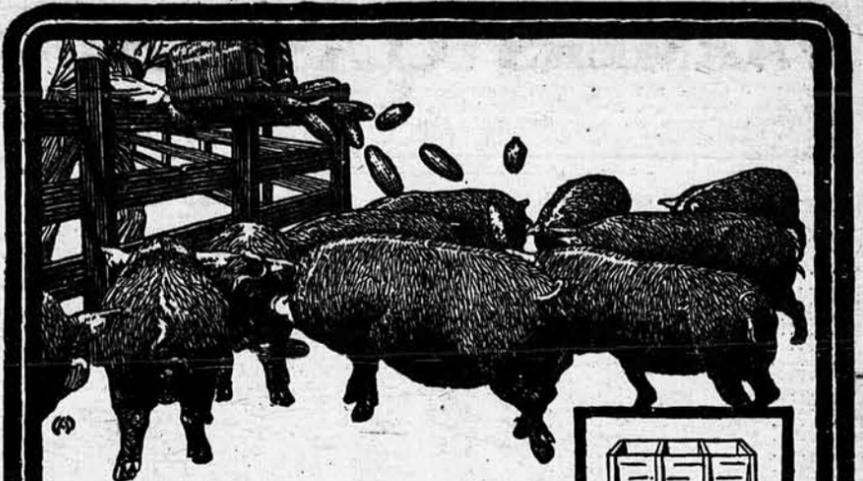
Electric fans when so placed as to force the air against the milk apparatus, such as milk coolers, will aid in keeping flies away from the milk. Double doors at the entrance of the plant with fans blowing toward them will be found helpful in keeping the flies out. Sticky fly paper in the plant will aid in catching flies which have gained an entrance. The Department of Agriculture at Washington has a number of bulletins dealing with the fly situation that can be obtained by anyone interested upon request.

How Long Will Silage Keep?

A correspondent wishes to know whether silage can be kept safely from one year to another. Yes, indeed. Many dairy localities follow the practice of carrying over one filled silo from one year to another so as to provide silage for the dry hot summer. Also to provide cheap feed during the season of short crops.

A silo was filled in the fall of 1911 with nearly matured corn cut fine and well tramped, but on account of a change in farm plans this silage was not needed until 1919 when the owner purchased a bunch of feeding cattle and began using the 8-year-old silage. It was noticed that only the top layer was spoiled.

There is of course some loss in carrying silage for this long period, but the fact that silage can be kept so well should emphasize the desirability of carrying over at least one well filled silo as insurance against possible drouth or high priced forage.



CROWD your HOGS for the EARLY MARKET

Keep them healthy—
Free from worms—
Their bowels active—
Fit for thrift.

Feed DR. HESS STOCK TONIC Conditioner—Worm Expeller

It contains Tonics—That give a hog a healthy appetite—keeps his digestion good. Vermifuges—To drive out the worms. Laxatives—To regulate the bowels. Diuretics—To help the kidneys throw off the poisonous waste material.

No clogging of the system under the pressure of heavy feeding, where Dr. Hess Stock Tonic is fed.

Little chance for disease—every reason for thrift!

Tell your dealer how many hogs you have. He has a package to suit. GUARANTEED.

25-lb. Pail, \$2.25 100-lb. Drum, \$8.00

Except in the far West, South and Canada.

Honest goods—honest price—why pay more?

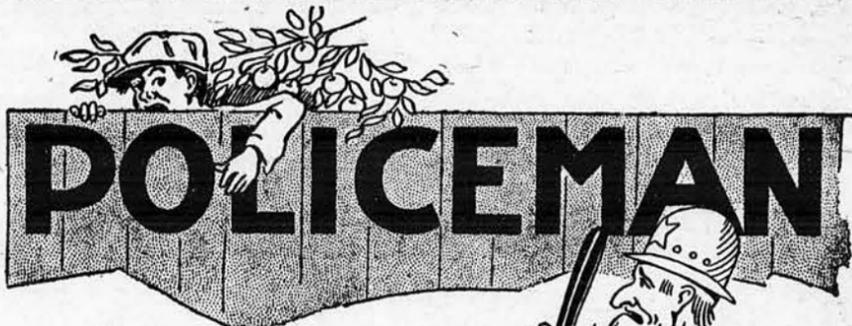
DR. HESS & CLARK, Ashland, Ohio



I spent 30 years in perfecting this Tonic. GILBERT HESS M.D., D.V.S.



Dr. Hess Dip and Disinfectant Kills Hog Lice



Think You Can Spell?

Here is a mighty good one for you. How many words can you make? Five, ten, twenty or more? Be the best speller and win a cash prize.

Win \$100! Try It!

Capper's Farmer will give a prize of \$100.00 in cash to the person who sends in the largest list of correctly spelled words made out of the word "Policeman," providing the list is accompanied by 25c to cover a one-year subscription to Capper's Farmer. Every person who sends in a list of words with 25c to cover a one-year subscription to our big farm journal—whether they win the \$100.00 cash prize or not—will receive a prize. See how many words you can make out of "Policeman." See if you can be the one to win the \$100.

THE RULES ARE SIMPLE Anyone living in the United States may submit from employees of the Capper Publications, residents of Topeka, or former cash prize winners in any Picture or Word Spelling Clubs conducted by the Capper Publications. Write as plainly as you can. Place your name and complete address at the top of the list. Number the words 1, 2, 3, etc. Make as many words as you can out of "Policeman." A few of the words you can make are, "ice," "man," "on," "men," "map," "oil," etc. Do not use more letters in the same word than there are in "Policeman." Proper names, prefixes, suffixes, obsolete, and foreign words will not be counted. Words spelled alike, but with different meaning will be accepted as one word. Your list will not be accepted in this Spelling Club, unless it is accompanied by 25c to cover a one-year subscription to Capper's Farmer. In the event of a tie between two or more Club Members, each tying Club Member will receive a prize of the same value in all respects to that tied for. This Spelling Club closes Oct. 28th, 1922, and as soon as your list of words with remittance is received, we will acknowledge the order, and the winner will be announced as soon after the closing date as the three judges can determine to the best of their ability who has submitted the largest list of correctly spelled words. Each participant agrees to accept the decision of the judges as final and conclusive. Webster's New International Dictionary will be used as authority.

When sending in your list of words and 25c, be sure to state to whom we are to send Capper's Farmer for one year

CAPPER'S FARMER SPELLING CLUB, Dept. 801, TOPEKA, KANSAS

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16	1.60	3.52	32	3.20	4.82
17	1.70	3.74	33	3.30	4.92
18	1.80	3.96	34	3.40	5.02
19	1.90	4.18	35	3.50	5.12
20	2.00	4.40	36	3.60	5.22
21	2.10	4.62	37	3.70	5.32
22	2.20	4.84	38	3.80	5.42
23	2.30	5.06	39	3.90	5.52
24	2.40	5.28	40	4.00	5.62
25	2.50	5.50			

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WANTED—RELIABLE, ENERGETIC MEN to sell National Brand fruit trees and a general line of nursery stock. Unlimited opportunities. Every property owner a prospective customer. Carl Heart earned \$2,312.67 in 18 weeks, an average of \$128.48 per week. You might be just as successful. Outfit and instructions furnished free. Steady employment. Cash weekly. Write for terms. The National Nurseries, Lawrence, Kan.

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AMBITIOUS MEN, WRITE TODAY FOR attractive proposition, selling subscriptions to America's most popular automobile and sportsman's magazines. Quick sales. Big Profits. Pleasant work. Digest Publishing Co., 2622 Butler Bldg., Cincinnati.

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FARM WORK WANTED BY AN EXPERIENCED and dependable married man. Is capable of responsible place. Address: Agriculturist, Mail & Breeze.

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LAWRENCE BUSINESS COLLEGE, LAWRENCE, Kansas, trains its students for good paying positions. Write for catalog.

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PRINTED LETTERHEADS AND ENVELOPES, 100 each, both for \$1.00. Add 17 cents postage. Mail check and order. Merit Printers, 234 Kansas Avenue, Topeka, Kan.

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WHOLESALE PRICES LUMBER AND balsa ties. Hall-McKee, Emporia, Kan.

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CHOICEST 1922 WHITE SWEET CLOVER C. O. D., John Lewis, Virgil, Kansas.

FANCY ALFALFA, TESTS 99%, \$10, choice \$8.50 per bushel. Standard Seed Co., Kansas City, Mo.

KANOTA OATS, RECLEANED AND sacked, F. O. B. \$1.00 bushel. C. W. Works, Humboldt, Kan.

FOR SALE: 600 BUSHELS INSPECTED Fulcaster seed wheat. G. H. Seelner, Pawnee Station, Kansas.

KANRED RECLEANED SEED WHEAT, \$2.25 per bushel sacked. Kananota oats, \$1.25. Taylor Sons, Chapman, Kan.

SEED WHEAT, PURE INSPECTED KANRED seed from K. S. A. C. in 1920. Sacked. Coats or Pratt, 10 bushel lots \$1.25. Sam Woolfolk, Pratt, Kan.

WHEAT—INSPECTED BLACKHULL SEED guaranteed 100% pure. New variety giving wonderful results everywhere. Perry Lambert, Hiawatha, Kan.

SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Flea.1 Seeds, St. Louis, Mo.

FOUR THOUSAND BUSHELS OF PURE Red Turkey seed wheat. Inspected, free of smut. My own growing past seven years. Graded and tested each year. Yields well. Albert Weaver, Bird City, Kan.

ALFALFA AND SWEET CLOVER SEED. Alfalfa \$8, \$9, \$10.50 and \$12. Scarified White Bloom Sweet clover \$6.60, unhulled \$5.40 per bushel of 60 lbs. our track. Seamless bags 40 cents each. All recleaned, non-irrigated and free of obnoxious seeds. Samples on request. The L. C. Adam Merc. Co., Cedarvale, Kan.

TYPEWRITERS

REBUILT TYPEWRITERS, ALL MAKES. Sold, rented, repaired, exchanged. Fire proof safes. Adding machines. Jos. C. Wilson & Co., Topeka, Kan.

NURSERY STOCK

FRUIT TREES GREATLY REDUCED prices. Direct to planters. No agents. Peaches, apples, pears, plums, cherries, grapes, berries, nuts, pecans, mulberries, ornamental trees, vines and shrubs. Free 64-page catalog. Tennessee Nursery Co., Box 121, Cleveland, Ohio.

TOBACCO.

TOBACCO—KENTUCKY'S PRIDE, RICH mellow chewing, ten pounds, \$3; smoking, ten pounds, \$2; twenty, \$3.50. Farmer's Club, Mayfield, Ky.

NATURAL LEAF TOBACCO. CHEWING 5 pounds \$1.75; 10 pounds \$3.00. Smoking 5 pounds \$1.25; 10 pounds \$2.00. Send no money. Pay when received. Tobacco Growers Union, Paducah, Ky.

NATURAL LEAF TOBACCO: CHEWING, 5 pounds \$1.75; 10 pounds \$3.00. Smoking 5 pounds, \$1.25; 10 pounds \$2.00. Send no money, pay when received. Farmers Tobacco Association, Paducah, Kentucky.

KENTUCKY TOBACCO—3 YEAR OLD leaf. Don't send a penny, pay for tobacco and postage when received. Extra fine, chewing 10 lbs., \$2.00; smoking, 10 lbs., \$2.50; medium smoking, 10 lbs., \$1.25. Farmers Union, Hawesville, Ky.

KODAK FINISHING

TRIAL ORDER—SEND 26c AND ROLL for 6 beautiful glossitone prints or 6 reprints. Fast service. Day Night Studio, Sedalia, Mo.

FARM MACHINERY

MACHINERY FOR SALE

1920 REO TRUCK, GOOD CONDITION. C. Walter Sander, Route 2, Stockton, Kan.

FOR SALE—1 FORDSON TRACTOR GOOD repair; 1 Sampson tractor good repair, choice \$225.00. Davis Motor Co., Perry, Kansas.

THRESHING OUTFIT COMPLETE, 40-80 tractor, 36-56 separator. In belt every day. An 8 bottom Bumely plow. Bargain. W. L. Gooding, St. John, Kan.

FOR SALE—18-36 AVERY AND CASE 28x50 separator with common stacker and extension feeder. Both in good condition. J. E. Stephens, Ashland, Kansas.

PRICED FOR QUICK SALE—12-26 TITAN four cylinders, good shape; 12-20 Emerson new cylinders, dandy shape; 15-22 Bates Steel Mule crawler type tractor, rebuilt. Thompson & Sons Garage, Radium, Kan.

GRAY TRACTOR, NEW, RIGHT FROM factory; Model P 18-36. List price f. o. b. Kinsley, Kansas, \$1625; closing out price \$1325 cash if sold at once. R. D. Heath Lumber Co., Agents, Kinsley, Kansas.

AUTO SUPPLIES

WE CAN SAVE YOU UP TO 95% ON slightly used gears, axles, bearings, springs and motor parts for every make and model of car; or we can furnish new parts at saving up to 50%. We do not ask for deposit. Order direct from this ad; tell us what you need, we will ship it to you at our low and reduced prices. If satisfied pay Post Master or Express Agent, or we will cheerfully refund your money in full. Our reference: Packers State Bank, Kansas City. Brown Auto Wrecking Co., 1809 Holmes, Kansas City, Mo.

BUSINESS OPPORTUNITIES

FOR SALE—PAYING PAPER ROUTE IN Topeka. Good opportunity for college boy. Wm. H. Righter, Topeka, Kansas.

SELL US YOUR SPARE TIME: WE WANT a reliable man or woman in every community to work for us in their spare time. You will like our plan. Many people receive liberal checks from us each week. You can do the same. Write to the Circulation Manager, Capper Publications, Topeka, Kansas, and simply say, "Tell me how to turn my spare time into dollars."

DON'T WASTE YOUR SPARE TIME—IT can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

ARE YOU GETTING ALL the business you can handle? If not, get big results at small cost by running an ad in our classified columns.

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Mail This to
Kansas Farmer and Mail & Breeze
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Place under heading of.....

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NOTE: Count your name and address as part of advertisement.

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PATENTS, BOOKLET AND ADVICE free. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

HEMSTITCHING—QUICK SERVICE. Write for samples and prices. Gusie Shirley, Room 12 Orpheum Bldg., Topeka, Kan.

INVENTORS WRITE FOR OUR ILLUSTRATED book and record of invention blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted. Patent yours and profit. Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. Patent Dept. 402, American Industries, Inc., Washington, D. C.

PATENTS. PROTECT YOUR RIGHTS. Before disclosing invention write for booklet and blank form Evidence of Conception to be signed, witnessed and returned with rough sketch or model of your idea, upon receipt of which I will promptly give opinion of patentable nature and instructions. No charge for preliminary advice. Highest references. Prompt personal attention. Clarence O'Brien, Registered Patent Lawyer, 743 Southern Bldg., Washington, D. C.

FOR THE TABLE

5 POUNDS FULL CREAM CHEESE, \$1.35 postpaid. Roy C. Paul, Moran, Kan.

HONEY

ALFALFA CLOVER EXTRACT HONEY, 120 lbs. \$10.50, here. T. C. Viers, Olathe, Colorado.

DOGS AND PONIES

COLLIE PUPPIES, SABLE WHITE MARKINGS, \$5. Guaranteed. Frank Barrington, Sedan, Kan.

AIREDALES, REGISTERED, GOOD HUNTERS, male and two females, \$25 each. Lewis Bauer, R. 2, Lawrence, Kan.

FOR SALE: FINE AIREDALE PUPS sired by the great International Tintem Tip Top. Priced right for quick sale. C. V. Tucker & Sons, Harvard, Neb.

DOG OWNERS, AMATEUR OR PROFESSIONAL. Here is your opportunity. New book, "Care of Dogs," free. Contains helpful, instructive information on feeding, training, diseases. Every dog owner needs it. Book mailed free with a 3-month trial subscription to Sportsman's Digest—America's popular illustrated Dog and Hunting Magazine. Send 25c today (coin or stamps). Sportsman's Digest Publishing Co., 622 Butler Bldg., Cincinnati, O.

MISCELLANEOUS

WANT 1000 BIG HEDGE POSTS DELIVERED at Garden City, Kan., by first of March, 1923. Write and state price. F. G. Winters, Otis, Kan.

PET STOCK

PUPPIES, CANARIES, PARROTS, GOLD fish. Catalog. KC Bird Store, Kansas City, Mo.

FERRETS FOR SALE. PRICES FREE. Book on ferrets 10c. Muzzles 25c. Roy Green, Wellington, Kansas.

POULTRY

BABY CHICKS

QUALITY CHICKS, LEGHORNS, ANCONAS and large breed, \$9 to \$11 per 100. Field Jenkins, Jewell, Kan.

CHICKS, 8c UP. LEADING VARIETIES. Postpaid. Guaranteed. Illustrated chick guide free. Superior Hatcheries, Windsor, Mo.

QUALITY CHICKS. NINE CENTS UP. Twelve varieties. Best laying strains. Catalogue free. Missouri Poultry Farms, Columbia, Mo.

BANTAMS

BANTAMS: BUFF COCHIN, BLACK COCHIN, Golden Seabright, Japanese Silkies. J. J. Pauls, Hillsboro, Kansas.

LEGHORNS

S. C. BROWN LEGHORN PULLETS. H. W. Dickson, Quenemo, Kansas.

1000 WHITE LEGHORN HENS, PULLETS. John Hass, Bettendorf, Iowa.

MARCH HATCHED SINGLE COMB WHITE Leghorn Barron pullets \$1.50; cockerels, \$2. Nellie Freeman, DeSoto, Kansas.

THIRTY SINGLE COMB WHITE Leghorn cockerels, March hatch, \$4 each. More than one, \$3.50. Edw. W. Albers, Grinnell, Kansas.

POULTRY PRODUCTS WANTED

CASH BIDS ANY TIME ON BROILERS, hens, eggs. The Copes, Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

IF YOU HAVE ANYTHING to buy, sell or exchange you will find these classified columns a profitable market place. The cost is small but results are big.

A Longer Life for Tires

Are you having any tire troubles this hot weather? We have prepared a booklet full of tips for increasing the mileage you obtain. The title is The Care and Conservation of Rubber Tires; the price is 15 cents postpaid; address Farm Engineering Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

International Wheat Show

"Many men do not exhibit at fairs and agricultural shows because they do not know how to prepare their exhibits properly," says Horace S. Ensign, manager of the International Wheat and Farm Products Exposition, which is to be held in Wichita from September 25 to October 7. He feels that if more men knew how to go about it, there would be larger and better exhibits at the Wheat Show.

He has the following hints and suggestions to offer:

Sheaf Grains—Go into a field a few days before grain is ready to cut with the binder. Select samples, and with a knife cut them close to the ground, so as to get the full length of the straw. Be careful not to break the straw in handling. Spread samples on a board in the sun to bleach. See that samples never get wet after being cut. When green color is entirely gone and straw perfectly dry, strip the leaves from each individual stalk. Then bind in bundles, tying with a soft cloth which will not cut straw. Make bundles from 3 to 5 inches in diameter below the head and tie snugly in at least three places. Then hang in dry place with the head down until time for shipment.

Threshed Grains—If you do not wish to take sample from bin of threshed grain, select a small plot in field where grain is especially good, and thresh separately. Sample should then be thoroly clean, all grain mixtures and weed seed being removed either with a grain grader or by hand. Particular pains should be taken to have kernels uniform.

Sheaf Forage Exhibits—Select the most leafy types to be found in the field—the best individual specimen obtainable, and cut close to the ground. Place in loose bundles not more than 4 or 5 inches in diameter, and wrap loosely in a newspaper or cheese cloth. Then hang, head down, in a dark place to cure. Do not strip a single leaf or branchlet from the stem, as forage should retain its color and leaves. In making up show bundles, select those individual stems that have retained the most and best leaves, with their color. Make bundles from 3 to 5 inches at base and tie securely in at least one place.

Corn—Go into the field two weeks before display corn is to be gathered, and by stripping back the husks select ears of uniform size. On those which are selected for show, draw the husks back in place, and wrap the ear in a square newspaper, tying with a string or rubber band. This will hasten the maturity of the corn. Within two or three days it will tint so as to settle definitely its color and within a week or 10 days will have hardened sufficiently for exhibition purposes.

Packing for Shipment—The heads of bundles of grain should be wrapped in cheese cloth and then in paper. Pack in a wooden box with heads at alternate ends and stuff paper between bundles so shelling will be prevented. Forage crop bundles may be handled in the same way, except that the threshed grain should be placed in a tight bag for shipment. In shipping corn, wrap every ear in a piece of paper and pack in a wooden box.

Hints to Exhibitors—The purity and quality of a sample are the two points to remember in preparing threshed samples of grain for show. Purity is valued at about 35 and quality at 65 points.

Fruit selected for exhibition purposes should be free from blemishes of any kind, true to the type of the variety, of medium size, and show as nearly as possible perfect development of form and color.

Apples, plums, pears and cherries should have perfect stems, and should be handled in such a manner as not to destroy the natural bloom of the fruit. Always wrap specimens carefully, and pack in batting, excelsior, straw, or some material that will prevent any possible injury during shipment. It is always advisable to send a few extra specimens.

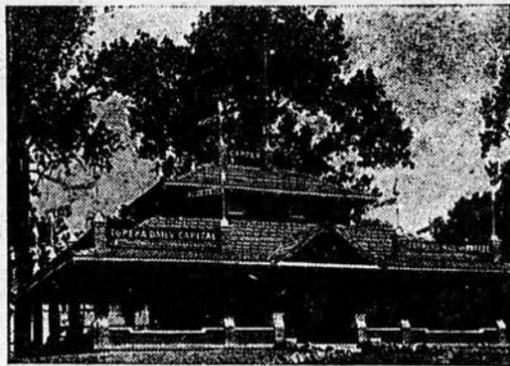
In estimating the comparative values of collection fruits, the judges will base such estimate strictly upon the varieties in such collection, which shall have been correctly named by the exhibitor.

The fastest railway train in the world is said to run between Bristol and London, England, with a speed of 78.5 miles an hour.

Howdy, Folks!

Meet Us Next Week at the Kansas Free Fair

THOUSANDS of farm families will knock off work next week and tour to Topeka to attend the Kansas Free Fair, September 11-16. It will be a worth-while fair and a good vacation, and we extend to you a most cordial invitation to make the Capper Building your headquarters. It is right on the main road into the grounds and centrally located for all attractions. Tell your friends to meet you at the Capper Building.



Let Us Serve You

At the Capper Building you will find shade and a place to sit down; ice water, comfort stations, telephone for business calls, postcards to mail back to your friends or family, a mail station. There is absolutely no charge for any of these little services, and we want you to avail yourself freely of them.

Meet Tom McNeal

T. A. McNeal, editor of Kansas Farmer and Mail and Breeze, will be at the Capper Building a great deal of the time and will be mighty glad to see all of his old friends and all of those who call him friend, but have met him only through the columns of this paper. Mr. Pitt will also be at the building all day to render you any services within his power.

Don't Forget to "Locate Yourself"

Do you know where you live? Can you find it on the map? We are going to test you out. There will be a large map of Kansas and every visitor living outside Topeka is urged to take one of the little push pins provided and stick it in the map as nearly as possible at the point called "Home." We want to see where you came from and which county is represented best. If you wish to see some of the sights of Topeka or to meet friends at railway stations, etc., Mr. Pitt will be glad to tell you how to get to any point in or near the city.

Look For This Sign



As you look at the various exhibits of things that you expect to buy or would like to buy for the farm or the home, watch for this sign. We will supply all exhibitors who advertise in Kansas Farmer and Mail and Breeze with these signs to hang in their booths. It will guide you in investigating the many different articles in which you will be interested. It means that the company making the product is four-square and will give you an honest deal. Tell the person in charge of such exhibits that you are a subscriber to Kansas Farmer and Mail and Breeze and he will be glad to give you any information that you may want.

Remember the Capper Building Is Yours During the Kansas Free Fair

Kansas Farmer and Mail & Breeze
Capper Building, 8th and Jackson Sts.
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AND
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Special Notice

All advertising copy discontinuance or change of order and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

40 ACRES 5 mi. town, good imp., \$2,100. Trades, Franklin Co. Inv. Co., Ottawa, Kan.

CHASE CO. valley and upland farms, \$45 A. up. E. F. McQuillen & Co., Strong City, Kan.

TWO FARMS for sale, 960 acres. All agents. D. G. Curtis, Spearville, Kansas.

WESTERN KANSAS land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

FOR SALE: 1/2 section good wheat land. Near Plains, Kan. Improved. Ask J. M. Stewart, News Office, Hutchinson, Kansas.

CHASE COUNTY BLUE STEM PASTURE and river bottom farms. Write for list. Replogie Agency, Cottonwood Falls, Kansas.

160 ACRES, most all alfalfa land; 1 mi. of town; improved; priced \$8,500; Mansfield Land Mtg. Co., 312-13 New England Bldg., Topeka, Kansas.

FOR SALE EIGHT CHOICE SECTIONS, Wallace County, Kan., one to three miles of Wekan. Agents wanted.

C. E. Mitchem, Harvard, Illinois.

FOR SALE BY OWNER—320-acre Sheridan Co. grain farm. Good 9-room house. All other outbuildings. Good terms. \$40 per acre. J. D. Winter, Dresden, Kansas.

320 ACRES—120 acres crop; 21 horses, 29 hogs, 5 head cattle, chickens and turkeys; farm tools. Call and look it over.

Miss Daisy Hodgkinson, Orion, Kansas

MORTON COUNTY, KANSAS
S. E. 2-31-40, level, good quality, unimproved land. Price \$2,000. Reasonable terms. H. C. Wear, Wichita, Kansas.

68 ACRES, 3 miles Winchester, everlasting water supply. Mostly in grass, alfalfa and clover. New barn. At a bargain \$7,000. Ed. C. Lindsey, Winchester, Kan.

CREEK BOTTOM FARM 200 acres, well improved, 80 plowed, 20 timber, 100 pasture, 7 miles town, near school at pre-war price, \$60 per acre. T. B. Godsey, Emporia, Kan.

70 A., 6 mi. Ottawa, Kan. New imp.; \$110 a. 125 a. 2 mi. R. R. town, imp., \$80 per a. 160 a. all tillable; well imp.; \$100 a., good terms. Spangler Land Co., Ottawa, Kansas.

SOUTHEASTERN KANSAS. Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Iola, Kan.

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

160 ACRES 5 miles north Santa Fe, Kaskell County. \$17.50 an acre. \$500 will handle. Will take in light automobile in good condition. McNighten Inv. Co., Hutchinson, Kan.

FOR SALE—160 a. dairy or grain farm. Modern house, bath, hot water. Fine barn and other im. 1 mi. Pittsburg. Owner old; don't need money. L. A. Hamrick, Pittsburg, Kan.

STANTON, GRANT AND HASKELL county. Kansas, land. 1/4 section and up, \$15 to \$20 acre. Buffalo grass sod. Best wheat land. Santa Fe Ry. now under construction. 1/2 cash, balance 5 years 6% annually. This land will double in value after R. R. is built. Bargains in S. W. Kansas improved farms. Write Eugene Williams, Minneola, Kansas.

Pay No Advance Fee

Don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

KANSAS

GRANT COUNTY QUARTER—\$3500
1/2 mi. from townsite on new railroad. \$1,300 cash, bal. \$550 annually. 7%. Very choicest of land. Griffith & Baughman, Satanta or Liberal, Kansas.

480 ACRES best Cottonwood Valley alfalfa, wheat and corn farm. Main line Santa Fe; on trail; splendid improvements, and 360 acre excellent blue-stem pasture. \$100 per acre. C. A. Cowley & Son, Cottonwood Falls, Kan.

80 ACRES, 7 miles of Ottawa, Kansas. 3 miles of LeLoup, all tillable, real good improvements, fine location. Price \$75 per acre. \$1500 cash, remainder 5 years time. Ottawa Realty Company, Ottawa, Kansas.

YOUR OPPORTUNITY
to get a real farm home. 300 acres 6 miles town, good improvements, 100 acres cultivation, balance native grass pasture. Land all smooth. Price \$37.50 per acre. Mansfield Investment & Realty Co., Healy, Lane Co., Kan.

315 ACRES rich level Solomon Valley alfalfa and wheat land, 3 miles from Minneapolis, Kans. 2 sets improvements. Price \$150 per acre. Easy terms. Write owner, M. S. Murray, 1021 Commerce Bldg., Kansas City, Missouri.

FOR SALE—240 acre nice upland wheat farm, good 6-room house, barn, granary, garage, chick house, well, windmill, 30 acres pasture, 10 acres meadow, 20 mi. alfalfa, 180 acres cultivated; 2 mi. shipping point. \$60 acre. Write V. E. Niquette, Salina, Kan.

120 ACRES on Interurban, 25 mi. W. of K. C.; good imp.; elec. lights; best schools; 43 a. apple orchard, mostly in bearing. Terms 1/2 cash, 1/2 clear property, 1/2 back on farm. Also 17 head reg. Holsteins.

A. A. Quinlan, Linwood, Kan.

FOR SALE—7 miles northwest Lawrence, 80 acres; 35 acres fruit. Immediate possession. 80 acres adjoining, possession March 1. Price and particulars address R. D. No. 3 Lawrence, Kansas

\$25 PER ACRE WELL IMPROVED
880 acre ranch, 75 miles of Wichita; 140 acres cult., bal. pasture; 40% tillable; well watered with 4 springs; near good school town, rural route, tel. Best ranch proposition on the market. \$12,000 will handle.

Moddrell & Scott, Wichita, Kansas.

300 Schweiter Bldg., Wichita, Kansas.

750 ACRE beautiful level farm, adjoining town in Lane county, Kansas; it's one of the finest bodies of land in county; 2 story, 7 room house, 2 large barns, granaries, other outbuildings; nearly 400 acres fine wheat; abundance water; real snap, owner non-resident; \$45 per acre; attractive terms. Mansfield Land & Loan Company, 415 Ben-Hill Bldg., 10th & Walnut, Kansas City, Mo.

KIOWA CO., 880-acre ranch, fenced and cross fenced; about 250 acres in cultivation, balance buffalo grass pasture, spring water, 4-room cement house, 300-ton silo, 4 miles from R. R. station. Ideal for small ranch. Price \$25 per acre, half cash, time on balance if desired. No agents. Apply to owner.

Dr. Nat. G. Bennett, Haviland, Kan.

CANADA

IRRIGATED LAND for sale in southern Alberta. Having bumper crops this year. Write for prices and particulars. Apply W. M. Harris Agency, Ltd., Lethbridge, Alta, Can.

ARKANSAS

40 ACRES, well imp., good road, mail route, near town, orchards 200 trees, no stumps. Other land. A. G. Russell, Pine Bluff, Ark.

WOULD YOU BUY A HOME? With our liberal terms? Farms of all sizes for white people only. Write for our new list. Mills & Son, Booneville, Arkansas.

BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas.

PLANTATION

5,000 a. river bottom near Gov. Lowden's plantation. Half cult. 100 houses. Mules, machinery. Large mase. stock. New land, above overflow. Hard surfaced highways. R. R. station on place. All for \$75 per acre. Terms. R. L. Bryn Real Estate Company, 121 Louisiana, Little Rock, Arkansas.

CALIFORNIA

YOUR CHANCE IN CALIFORNIA
IRRIGATED LANDS, part of famous Miller & Lux ranch. 50,000 acres in alfalfa, 7 or 8 crops a year. \$200 to \$275 per acre. Also land where grapes, apricots, peaches and pears grow to perfection and one year's crop will often pay for the land at \$200 per acre. On main State Highway and Southern Pacific, in San Joaquin Valley, near Fresno. Any desired acreage. References, Fresno Chamber of Commerce or any California bank. Send for illustrated folder C-2. Lyon & Hoag, 660 Market St., San Francisco, Calif.

COLORADO

30,000 ACRES—Tracts 160 a. upward. Crop payment plan. Doll & Lamb, Lamar, Colo.

TO TRADE—Colorado land, for horses, mules or cattle, or registered stock. P. F. Horn, Fleming, Colo.

FOR SALE TEN CHOICE SECTIONS, east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted.

C. E. Mitchem, Harvard, Illinois.

FLORIDA

FLORIDA LAND to work on shares. 7 miles from Miami. Good market, transportation and roads. Will sell if desired.

Thomas McDougal, Pittsburgh, Pa.

MISSOURI

FARM and city bargains. Ideal environment. Schools, colleges. H. A. Lee, Nevada, Mo.

GREENE CO. dairy farm, 90 a., imp., \$50 a. Easy terms. W. C. Cornell, Springfield, Mo.

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

BARGAIN, 170 acres Missouri bottom, 2 miles east of Atchison. Write Asher Peter, St. Joe, Mo.

FOR SALE—60 to 1200 acres. Plenty water. Fine grass. Plenty rain. All good land. Partly bottom. Write for particulars.

G. H. Cravens, Owner, Sargent, Mo.

MISSOURI \$5 down \$5 monthly buys 40 acres truck and poultry land near town Southern Missouri. Price \$200. Send for bargain list. Box 22, Kirkwood, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land; some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

ATTENTION FARM BUYERS—I have all size farms for sale. Well improved. Good soil. Good water. Mild climate. Low prices. Good terms. List free. Write Frank M. Hamel, Marshfield, Mo.

OKLAHOMA

NORTHEAST OKLAHOMA farms at wonderful bargain prices. \$10 to \$60 per acre. E. G. Eby, Wagoner, Oklahoma.

NORTH EASTERN OKLAHOMA
150 acre improved prairie farm, 4 miles from Pryor. Excellent stock and grain farm. Good soil. Plenty of grass and living water. Will sell at \$37.50 acre to settle estate. Terms. Expenses refunded if you say it's not a bargain. Other bargains. T. C. Bowling, Owner, Pryor, (Mayes Co.), Okla.

WASHINGTON

LOCATE in the best climate on earth—Puget Sound. Ten acres enough to support a family. Our free folder explains. Whidby Information Bureau, Clinton, Wash.

REAL ESTATE WANTED

WANTED: To hear from owner of farm for sale. Give price and description. H. E. BUSBY, Washington, Iowa

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

I WANT FARMS and lands for cash buyers. Will deal with the owners only. E. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.

SELL YOUR PROPERTY quickly for cash, no matter where located. Particulars free. Leaderbrand Sales Ag., B-350, Cimarron, Kan.

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SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

SEND FOR FREE BOOK describing opportunities offered homeseekers and investors along the Great Northern Railway in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon.

E. C. Leedy, Dept. G, St. Paul, Minn.

PRODUCTIVE LANDS. Crop payment or easy terms, along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Eyerly, 81 Northern Pacific Bldg., St. Paul, Minn.

SALE OR LEASE

FOR SALE OR LEASE direct from owner. 3400 a. Ideal ranch, Clark Co., Kas. Natural water courses; immense hay producing bottom lands. W. D. Eastman, Greensburg, Kan.

LARGE WHEAT AND CATTLE RANCH in Scott Co., Kan., to lease. All equipped, 2 sets improvements. For particulars write owners, F. E. Moore & Sons, Gardner, Kan.

SALE OR EXCHANGE

SELL and exchange Franklin Co. land, \$75 a. and up. Lyman Dickey & Co., Ottawa, Kan.

TRADES—What have you? List free. Beasie Farm Agency, El Dorado, Kansas.

SMOOTH WHEAT FARM. A bargain. Easy payments. Will trade. Earl Long, Wichita, Kansas.

GOOD, SMALL, well improved Kansas dairy farm for sale or trade. J. M. Mason, 2274 Russell Ave., Kansas City, Mo.

FOR SALE OR TRADE, one of the best ranches of 3500 acres in eastern Colo. J. H. Pope, Springfield, Colorado.

FOR SALE OR TRADE—Square section level land near railroad. Sherman Co., Kan. \$35 acre. Terms. The D. H. Bane Land Co., 313 Wheeler-Kelly-Hogny Bldg., Wichita, Kan.

SELL OR TRADE and do it fast, your farm, merchandise or town property. We are in the game. Give us a chance. The Business Booster Sales Co., Box 256, Manhattan, Kan.

FOR EXCHANGE for Western Wheat Land. 713 acres, well improved stock and grain farm. Near Emporia. 240 all smooth meadow. In Montgomery Co. Income bldg. Rent for \$150 per mo. J. W. Staats, Emporia, Kan.

IMPROVED 150 ACRE FARM, Jersey county, Illinois. Owner Kansas man; wants Kansas land. What have you? Full description in first letter. Ask for new list. Mansfield Land Company, Ottawa, Kan.

WHY NOT TRADE the equity in your farm for clear land in Prowers Co., Colorado, producing more crops per acre, then you can own more acres and be out of debt. Write The D. H. Bane Land Co., 313 Wheeler-Kelly-Hogny Bldg., Wichita, Kan.

Reduced Wheat Acreage Reported

A large acreage of wheat in Kansas this fall, tho probably not so great as in the last season, is the prediction of L. E. Call, head of the agronomy department in the Kansas State Agricultural College. He considers this a desirable outlook.

Reports indicate that much early work has already been done to prepare the ground for fall seeding. The quantity of early work of this character, which has long been advocated by Professor Call and other agricultural authorities, is greatly increasing in Kansas, it is stated. If the weather continues dry, however, this work will be much handicapped in coming weeks, and the acreage to be planted will probably be reduced.

New Honors for Keith

Edgar T. Keith, associate professor in the department of industrial journalism and printing in the Kansas State Agricultural College, is the new president of the National Association of Printing Teachers. The association comprises teachers of printing in universities, colleges, and high schools thruout the United States.

Professor Keith, who has direct supervision of the printing in the agricultural college, has been with the institution for 10 years. He is widely known as an artistic printer, an expert in printing cost systems, and a teacher and lecturer on printing.

Big Onion Crop Forecast

Washington, Aug. 24.—Production of 40,207 cars, or 20,300,000 bushels, of commercial onions is forecast by the United States Department of Agriculture. Estimated production in 1921 was 27,166 cars, or 13,757,000 bushels. The crop this year will be grown on 64,100 acres, compared with 57,500 acres last year, and an average yield of 317 bushels per acre, compared with 239 bushels in 1921, is indicated. Of the estimated crop of 27,166 cars last year, the railroads reported a carlot movement of 20,777 cars.

Real Estate Advertising Order Blank

(New Reduced Rates)

KANSAS FARMER and MAIL & BREEZE
Topeka, Kansas

RATES

50c a line for 1 time
45c a line per issue
on 4 time orders

Enclose find \$..... Run ad written

below times.

Name.....

Address.....

COPY

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

DESPITE the extremely hot weather which made it very disagreeable for the buyers as well as the hogs, there was a large crowd in attendance at the Wickfield Farms Hampshire sale at Kansas City held recently. The top of the sale brought \$140. W. C. Farmer LaCygne, Kan., bought a number of the tops.

This is the first Hampshire sale ever held in Kansas City, Mo. There was much interest shown in the breed. Kansas and Missouri took most of the offering. It consisted of good, growthy, well-grown sows and gilts. The boars were in especially good demand and sold for a higher price than the sows. The average on the regular catalog offering was \$71.28.

An instructive meat demonstration was given by Mr. Kelly, head hog buyer, for Armour & Company, showing samples of various cuts of meat and explaining in detail the types of hogs from which the first class cuts of meat came. This was very interesting and well received by the crowd. He explained that the public does not desire the extremely fat cuts of meat or the cuts that carry a large amount of bone. The cuts of bacon and pork chops were graded and it was shown that in order to dispose of the poorer grades they had to be sold at a considerable reduction.

Labart Made Good Summer Sale

H. E. Labart, a Duroc Jersey breeder of Overton, Neb., held a very successful sale of bred sows, open gilts and a few spring boars recently. About 250 farmers and breeders were in atten-

land, Neb.; Johnson & Auld, Red Cloud, Neb.; J. M. Weber, Tecumseh, Neb.; William Schlesinger, Rising City, Neb.; K. F. Hatch, Broken Bow, Neb.; and Harry Johns, York, Neb.; Miller Bros., Bliss, Okla.; Abe Seal, Upland, Neb.; Clayton Slocum, Willows, Cal.; F. E. Merrick & Son, Osceola, Neb.; Johnson & Dimond, Fairbury, Neb.; George Dimig, York, Neb.; McKelvie & Barnes, Clay Center, Neb.; and L. T. Brooking, Funk, Neb.

E. G. Hoover's Duroc Sale

The summer hog sale season in Southern Kansas closed with one such that it left a good taste in the mouths of all purebred hog breeders of that territory. This sale had the highest average of any Duroc sale of the summer season. The E. G. Hoover, Duroc sale at Wichita, Kan., August 30 closed the season with averages for the sale as follows: Twelve sows, \$80; 15 fall gilts, \$41. The 27 bred females averaged \$58.50, three open gilts, \$40 and three spring boars, \$52.50. Last August a year ago, Mr. Hoover bought his first purebred Duroc and from that date until the present has made it a practice to buy tops in a number of the best sales of Kansas and elsewhere. In this sale, his first purebred sale he sent thru the sale ring eight of these females that he had bought in different sales the last 12 months and advanced them exactly \$120 and he still has the pig crop from these eight sows. The top was a spring yearling by Great Sensation Wonder out of Miss Valley Pathfinder at \$110 to C. C. Witwer, Topeka, Kan., second

A New Story Next Week

WE TAKE great pleasure in announcing a new serial, which will start in the next issue. This is *The Wreckers*, by Francis Lynde—a story of pep, and real action, with a delightful love story running thru it. It tells of the adventures of Graham Norcross, in his efforts to build the Pioneer Short Line into an honest and efficient railroad, with a vision of service to the people in its territory. *The Wreckers* is a real epic of Western life, with some adventures in big business thrown in for good measure.

It will hold you with its vividness and realism and—oh, yes—its romance, too. What happened is all told in delightfully breezy and irresistibly absorbing way by Norcross's boy stenographer, Jimmy Dodds. Don't fail to get started with the opening chapter; it will hold you to the end.

dance, including a good representation of ladies. Col. Murray Putman was the auctioneer. No big prices were recorded but the general demand reflected a healthy condition among the smaller breeders of the state. The top price paid was \$240 for No. 2 in the catalog, a spring yearling sired by Great Orion Sensation and bred to Leading Sensation. She was bought by Pearl White of Edison, Neb.

R. W. Idle & Sons bought No. 1, another Great Orion Sensation yearling for \$180. No. 1 1-2, a litter sister to Leading Sensation, sold open to Albert Sausey of Upland, Neb., for \$170. The demand was strong for the spring boars and gilts sired by Leading Sensation. Everyone was showing great scale and quality.

The top boar pig, No. 41, brought \$175, and went to W. D. McComas of Wichita, Kan. Other good buyers at the sale were Edward Newstrum, Up-

top was a 2-year daughter of Great Orion 3rd out of Lady Orion 97th at \$100 to W. S. Taylor, Winfield, Kan.

Top gilt was by Loug Pathfinder 3rd out of Sophia Again at \$57.50 to J. C. Johnson, Wichita, Kan. The top boar was by Sensation Pathfinder out of Hazel Pathfinder at \$65 to Albert Bock, Whitewater, Kan. Thirteen buyers took the offering as follows: W. C. Kemp, Wichita, Kan., 10 head; J. C. Johnson, Wichita, Kan., seven; George Koch, Fay, Okla., four; to R. C. Smith, Sedgwick, Kan., two; to C. C. Witwer, Topeka, Kan. W. S. Taylor, Winfield, Kan.; F. W. Dusenberry, Anthony, Kan.; Woody and Crowl Barnard, Kan.; Lock Davidson, Wichita, Kan.; F. J. Stark, Wichita, Kan.; H. M. Snars, Stafford, Kan.; Albert Bock, Whitewater, Kan., and L. H. Frisbie, Augusta, Kan., took one apiece.

T. B. Eradication in Kansas

Two thousand two hundred and eighty-three cattle from 78 herds in Kansas were tuberculin tested during July, according to a report of the Bureau of Animal Husbandry of the United States Department of Agriculture. Of this number 10 were reactors. There are 10,800 cattle in 402 herds in Kansas that have been once tested and are free of tuberculosis. In the state are 305 accredited herds containing 12,200 animals. Under federal supervision there are 1,005 herds of 32,200 cattle. Sixty herds, containing 1,575 animals, are on the waiting list.

Health is Nature's reward for being and continuing in harmony with her physical laws.

Sobke Shorthorn Dispersion

At Farm 5 Miles North of

Bushong, Kan., Friday, September 29, 1922

10 young cows by Choice Orange and Roan Model, some with calves at side. All rebred. 12 heifers by Private Haywood by Victoria's Choice. Will calve early. 4 heifer and 4 bull calves out of the cows.

Marshall Knight by Village Marshall out of Marigold 4th sells. This herd sire is a black 3-year-old straight Scotch bull that these cows and heifers are bred to and that sired the calves. He is a first-class bull in every respect.

GRADE SHORTHORNS—21 head including 8 high-grade milk cows that are heavy producers, to freshen beginning in December. Bred to Marshall Knight. 2 yearling heifers, 3 yearling steers and some calves.

SPOTTED POLAND HOGS—4 sows with pigs, some to farrow in October, some shoats and a registered boar.

HORSES—Seven head. 5 mares and 2 geldings. Selling crop and machinery also. Quitting the farm. Farm and grade sale in forenoon. Purebred sale in afternoon. Every animal in good flesh. Write for Shorthorn catalog, mentioning Kansas Farmer and Mail & Breeze. Address

Joseph J. Sobke, Bushong, Kansas

Auctioneers, Rule & Busenbark; J. H. Hunter, Fieldman

SHORTHORN CATTLE

THREE PURE SCOTCH BULLS

Two white, one roan, ready for service. J. H. Hoover, Rozel, Kansas.

HOLSTEIN CATTLE

Mott's Sale Calendar Holstein Sales

Sept. 28—S. E. Ross, Iola, Kan.
Oct. 4—Frank Boone, Kingman, Kan.
Oct. 11—Breeders' sale, Ottawa, Kan.
Oct. 16—Dairyman and Farmer's sale, St. Joe, Mo.
Oct. 18—L. F. Cory & Son, Belville, Kan.
Oct. 23—Breeders' sale, McPherson, Kan.
Oct. 28—J. M. Chestnut & Sons, Denison, at Topeka, Kan.
Nov. 8-9—Pettis County Holstein Co., Sedalia, Mo.
Nov. 15—Wm. H. English, Ponca City, Okla.
Nov. 27—F. H. Bock & Sons, Wichita, Kan.
Jan. 25—Kansas Asso. Show sale, Wichita, Kan.
If you want to buy write to Mott.
If you want to sell write to Mott.
Address

W. H. Mott, Herkington, Kansas

REGISTERED HOLSTEIN HERD FOR SALE

HAVE RENTED MY FARM and will sell the following purebred Holstein cattle at a sacrifice price:
3 Holstein cows, fresh Nov. 1st; 3 heifers, pasture bred, coming 2 years; 1 bull coming 2 years old; 2 heifer calves; 2 bull calves.
VINEWOOD PARK FARM; Phone 1104
or write A. Samuel, Topeka, Kan.

Bonaccord Holsteins

are ALL purebred cattle. ALL the milkers have A. R. O. records. ALL have passed a clean T. B. test. ALL have good conformation and ALL are money makers at the prices asked. Federal accredited herd. **LOUIS KOENIG, SOLOMON, KAN.**

Braeburn Holsteins

Get a bull to use for fall freshening. Or a bred cow, or heifer, while prices are low. Take pick of a dozen to make room, first come, most choice.
H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

RED POLLED CATTLE

Springdale Farm Red Polls
A nice lot of yearling bulls, sons of Duke of Springdale, he a son of Cream 2nd. Bull calves same breeding. Prices right. We also offer Choice Chester White spring boars and gilts.
W. E. ROSS & SON, SMITH CENTER, KAN

Choice Red Polled Bulls and Females
All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

Pleasant View Stock Farm
Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.
Halleran & Gambrell, Ottawa, Kansas

REG. RED POLLED BULLS
All ages. T. A. Hawkins, Garden City, Kan.

FOSTER'S RED POLLED CATTLE
A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS, Choice young bulls and heifers. Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

Southard's September Sales Calendar

September 11 and 12—Famous Stubbs' Herefords, 2,800 head purebred non-registered, at Hereford, Tex. Terms 12 months 7% on approved security.
September 14—L. R. Wiley, Florence Kan., dispersion Anxiety and Fairfax Herefords, 200 head, 100 head stockers and feeders.
September 15 and 16—J. O. Southard's Monarch Herefords at Comiskey Ranch, 300 head.
September 19—Lindsborg combination sale, Lindsborg, Kan., 75 registered Herefords, two cars stockers and feeders.
September 20—Annual Round-Up at Emporia, Kan.
September 21—Council Grove, Kan., consignment sale.
September 23—Schmidt Brothers, Alma, Kan., Anxiety Herefords.

If you want to buy or sell Herefords or hold a successful sale, write Southard Sale System, Comiskey, Kan., for particulars. We save you money besides getting you the best possible average.

J. O. Southard Sale System, Comiskey, Kan.

AYRSHIRE CATTLE

Ayrshire Auction Sale

Wichita, Kan., Tuesday, Sept. 12

Leo. Frame is closing out his dairy herd including 9 well bred registered cows fresh at sale or shortly after, 18 high grades in good flesh with good milk flow, 3 registered bulls, including herd sire, in addition to these Ayrshires he will sell high grade and good producing Holsteins and Shorthorns. No old cows. Every animal tuberculin tested and guaranteed. Sale 3 miles east of stock yards. Write for information.
LEO FRAME, R. 3, WICHITA, KANSAS

Ayrshire Cows, Heifers, Bulls

Young cows in calf or with calf at foot, yearling heifers, bulls of serviceable age, calves both sex. High producing families. Tuberculin tested.
R. W. CUMMINS, PRESCOTT, KANSAS

BERKSHIRE HOGS

Registered Berkshire June Foar Pigs
\$20 each. **JOHN ROSS, DELPHOS, KAN.**

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

Kirk's Efficient Sale Service

Produces Satisfactory Results. The Records Are the Best Evidence. They Show That.

For six consecutive years I have managed the highest priced sale of Percherons held that year in America. For three years past the highest priced combination sales of Herefords and Shorthorns held in Kansas and Oklahoma were also managed by me.

It takes scientific management to produce such results. They do not come by accident. Keep in mind the difference between a sale well managed and poorly managed. It makes the difference between Profit and Loss. Let me help you make a profit by selling both your animals and their pedigrees. Write me at once for dates and terms.

F. S. Kirk, Sales Mgr., Wichita, Kan.

W. B. CARPENTER, AUCTIONEER

Livestock, Land & Lot Specialist
16 years Pres. Largest Auction School
818 Walnut St., 3rd Floor, Kansas City

BOYD NEWCOM, Auctioneer
217 Beacon Bldg., Wichita, Kan.

LAFE BURGER

Livestock and Real Estate Auctioneer
WELLINGTON, KAN.

Jas. T. McCulloch, Clay Center, Kan.
My reputation is built upon the service you receive. Write, phone or wire.

Vernon Noble, Auctioneer
Manhattan, Kan. Livestock and Real Estate.

DAN O. CAIN, Beattie, Kan. Livestock Auctioneer
Write for open dates. Address as above.

Homer Boles, Randolph, Kan. Purebred Stock Sales, land sales and big farm sales. Write or phone as above.

JERSEY CATTLE

HILLCROFT FARMS JERSEYS

Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs.
M. L. GOLLADAY, PROF., HOLDEN, MO.

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 3 yrs. Some have large register of merit records. Others on test now. Many state Fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited.
R. A. GILLILAND, DENISON, KANSAS

DO YOU WANT JERSEYS?

If so, write us. We have them in all ages, either sex, one or a carload. Kindly state the number and ages you want to buy by writing. No commission charge to buyer.
KANSAS JERSEY CATTLE CLUB
R. A. Gilliland, Secretary, Denison, Kansas.

BULLS OUT OF REGISTER OF MERIT

dams, for sale. Herd Federal accredited.
Sylvia Jersey Ranch, Sylvia, Kansas

Big Poland China and Farm Auction Welda, Kan., Sept. 18

61 Registered Poland Chinas as Follows:

36 spring gilts and fall yearlings; 5 tried brood sows and 20 young boars. 15 of the sows and gilts are bred for early fall litters; four will sell with litters at foot. The young boars will be bargains because of the early sale.

Paymaster Chief (by Paymaster and out of Wonder Model 1st) is the sire chiefly represented. Some good things by Jumbo Wonder.

All Hogs Have Been "Immuned."

Big sale of farm equipment, etc., in forenoon, preceding the sale of Poland Chinas.

Write at once for complete catalog giving descriptions, breeding and ages of hogs and facts about the farm sale. Mention this paper and address

J. C. MARTIN, Welda, Kansas

Auctioneers—Newcom and Rudisell.

Fieldman—J. T. Hunter, of the Capper Farm Press.

POLAND CHINA HOGS

25 Extra Good Poland China Sows and Gilts

Bred to Clansman Jr. 124480 for Sept. farrow. 75 extra well bred and well grown spring pigs. Can furnish boar and gilt, no relation, some real herd boars, everything immune, pedigreed. Satisfaction guaranteed. Priced to sell.

ED SHEEHY, HUME, MISSOURI.

DEMING RANCH BRED FEMALES

Young sows and gilts to farrow August and September. Bred to The Latchin and Ranch Yankee. A fine lot of spring pigs, both sex. We'll take care of all your needs for Poland.

H. O. Sheldon, Supt. Hog Department, Oswego, Kan.

Schoenhofer's Immuned Polands

Extra good boars by Premium Monarch out of extra good sows. Write us at once if you want one of these good boars.

GEO. J. SCHOENHOFER, WALNUT, KAN.

HEREFORD CATTLE

Western Kansas Bulls

40 Hereford Bulls
25 Shorthorn Bulls

These bulls are yearlings, big rugged, big boned bulls of splendid blood lines. Write for prices and descriptions.

C. G. COCHRAN & SONS, HAYS, KAN.

Registered Hereford Bulls and Heifers

Delivered Free

Any number, any age, 12 yearling heifers \$1000. Long yearling bulls \$1000; calves \$75. Herd est. 30 years. Best of Anxiety 4th breeding. Sired by ton bulls. Satisfaction guaranteed. Cottrell & Montague, Irving, Kan.

FOR SALE—Part or All of 700 Head

High grade white-face cows, heifers, calves, steers and reg. Hereford bulls. W. D. Eastman, Greensburg, Kan.

GUERNSEY CATTLE

GUERNSEYS Young registered Guernsey bull from A. R. dam, May Rose bred, \$75. C. F. Holmes, Overland Guernsey Farm, Overland Park, Kan.

RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams. Ransom Farm, Homewood, Kansas

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To



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Owned and managed by the State. Always good, this year it will be better. Come and see for yourself. \$40,000.00 in prizes. 17 departments. Something doing all the time.

Style Show, Radio Exposition, Etc.

Grand entertainment day and night. For information or prize list address

H. S. THOMPSON, President
A. L. SPONSLER, Secretary

DUROC JERSEY HOGS

Immuned Duroc Spring Boars

We have picked 12 to ship out and will sell them at \$35 each while they last. Pathfinder, Sensation and Orion breeding. Crated light and fully guaranteed. Farm nine miles south of Fairbury on state line.

Johnson & Dimond, R. 4, Fairbury, Neb.

Duroc Herd Boars

By the Greatest Sire GIANT SENSATION. Nothing common to sell. These are real boars. Come and see or write.

W. H. Rasmussen, Box K, Norfolk, Nebraska

150 Duroc Pigs

Boars by Pathfinder Select. Boars by Sensation Orion. Boars by Illustrator's Winners. We can supply your wants.

MIKE STENSAAS & SONS, Concordia, Kansas

McComas' Durocs

Boars, bred sows and gilts, by Giant Orion Sensation 4th, Pathron and Jack's Orion King A. Write today.

W. D. McCOMAS, Box 455, Wichita, Kan.

Ed. Hoover's Durocs

Boars, bred sows and gilts out of sows that helped make my summer sale the highest average sale in the state. Write or call on us.

E. G. HOOVER, WICHITA, KAN.

Brauer Purebred Duroc Co.

If you want good, well bred spring gilts or boars from the most widely and favorably known Duroc herd in Colorado, write us your wants. J. W. Brauer, Gov. Oliver H. Shoup, Address J. W. Brauer, Route 1, Colorado Springs, Colorado.

Shepherd's Sensations

Big spring yearlings and tried sows bred to the grand champion, Sensation Pilot, and Sensation Giant. Only a few of these left. They are real sows. Spring boars, herd prospects. Immuned. G. M. Shepherd, Lyons, Kan.

"Legal Tender" Durocs

have been sold in 51 counties in Kansas. I have a nice lot of pigs 40 to 125 lbs. Papers free with each one. Pairs unrelated. Best breeding at right prices. Write me your wants. J. E. WELLER, Holton, Kan.

SENT ON APPROVAL

Extra good spring gilts and boars by Giles' Royal Pathfinder and Long Sensation. Prize winning sires. Orion, Col. and Stills dams. GILES BOUSE, Westphalia Kan.

VALLEY SPRING DUROCS

Boars all ages, bred sows and gilts. Popular breeding, immunized. Pedigrees. Terms to suit. E. J. BLISS, BLOOMINGTON, KAN.

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related, by Hurdler Pathfinder and Valley Wonder Sensation. E. C. MUNSELL, RUSSELL, KANSAS.

PUREBRED DUROC HOGS FOR SALE

prize winners any age. George Rahenkamp, Hooker, Okla.

IF YOU WILL NEED A BOAR

this fall buy him now and save money. Pathfinder. Great Wonder I Am, and Major Sensation breeding. Overstake Bros., Atlanta, Kan.

ROYAL PATHMASTER BY PATHMASTER

Immuned spring boars by this herd sire out of good Sensation and Pathfinder dams. Write or call. S. and R. G. Cooley, Plymouth, Kan.

SPRING PIGS, BOTH SEX, by Uneeda Path-

master by Uneeda Orion Sensation, Iowa and Nebraska grand champion, and Big Sensation, grandson of Great Sensation. A. W. STEELE, R. 9, Wichita, Kan.

DIZMANG'S GOOD DUROCS.

Extra good spring Duroc gilts and boars by Oscar Sensation by Echo Sensation. Guaranteed and priced to sell. Oscar K. Dizmang, Bronson, Kan.

SPRING GILTS AND BOARS by some of

Jack's Orion King 2nd, Great Orion, Great Orion Sensation. S. B. REPLOBLE, Cottonwood Falls, Kan.

SPRING PIGS, BOTH SEX, Jack's Col.,

Great Orion and The Major breeding. Dams include daughters of Joe's Nellie 2nd. M. A. Martin, Paola, Kan.

Public Sales of Livestock

Shorthorn Cattle

Sept. 29—Joseph J. Sobke, Bushong, Kan.
Oct. 12-13—Snl-A-Bar Show and Sale, Grain Valley, Mo.

Oct. 14—Dan. O. Cain, Beattie, Kan.

Oct. 24—Fremont Leidy, Leon, Kan.

Oct. 25—E. E. Heacock & Sons, Hartford, Kan.

Oct. 26—R. W. Dole, Almena, Kan.

Oct. 30—Kansas Shorthorn Breeders Association, Manhattan, Kan.

Oct. 31—Dickinson County Breeders, Abilene, Kan.

Nov. 1—Northwest Kansas Breeders' Assn., Concordia, Kan.

Nov. 2—Blue Valley Shorthorn breeders, Blue Rapids, Kan.

Nov. 9—A. L. & D. Harris, Osage City, Kan.

Nov. 16—J. E. Bower, Abilene, Kan.

Nov. 22—American Royal Sale, Kansas City, Mo.

Polled Shorthorn Cattle

Nov. 4—W. A. Prewitt, Asherville, Kan.

Hereford Cattle

Oct. 11—Consignment sale, Emporia, Kan.

Oct. 17—Ed Nickelson, Leonardville, Kan.

Oct. 19—Milner and Howe, Neosho, Rapids, Kan.

Oct. 25—Jansonius Bros., Prairie View, Kan., at Phillipsburg, Kan.

Nov. 11—Emery Johnson, Emmett, Kan.

Jersey Cattle

Oct. 4—White City Breeder's sale, White City, Kan.

Ayrshire Cattle

Sept. 12—Leo Frame, Route 9, Wichita, Kan.

Holstein Cattle

Sept. 26—S. E. Ross, Iola, Kan.

Oct. 4—Frank Boone, Kingman, Kan.

Oct. 11—Breeders sale, Ottawa, Kan.

Oct. 18—L. F. Cory & Son, Belleville, Kan., at Concordia, Kan.

Oct. 18—Dairyman and Farmers' sale, St. Joe, Mo.

Oct. 23—Breeders' sale, McPherson, Kan.

Oct. 26—J. M. Chestnut & Sons, Donison, Kan.

Oct. 28—J. C. Ford, Leonardville, Kan.

Nov. 8-9—Pettis Co. Holstein-Friesian Company sale, Sedalia, Mo.

Nov. 15—Wm. H. England, Ponca City, Okla.

Nov. 27—E. H. Bock & Sons, Wichita, Kan.

Jan. 25—Kansas Asso. Show Sale, Wichita, Kan.

Duroc Jersey Hogs

Sept. 26—James Conyers, Marion, Kan.

Oct. 9—Ora Ayers, Orleans, Neb.

Oct. 12—C. O. Wilson, Rantoul, Kan.

Oct. 12—J. L. Griffiths, Riley, Kan.

Oct. 18—John P. Johnson, Lindenberg, Kan.

Oct. 13—J. A. Cretz & Son, Beloit, Kan.

Oct. 13—W. H. Rasmussen, Norfolk, Neb.

Oct. 14—Hieber & Hylton, Paola, Kan.

Oct. 17—M. A. Martin, Paola, Kan.

Oct. 18—W. T. McBride, Parker, Kan.

Oct. 19—J. J. Smith, Lawrence, Kan.

Oct. 20—Stafford Co. Duroc Association, Stafford, Kan.

Oct. 21—Homer T. Rule, Ottawa, Kan.

Oct. 24—Osage County Duroc Jersey Breeders Assn., Osage City, Kan.

Oct. 26—Fred J. Laptad, Lawrence, Kan.

Oct. 28—Pratt Co. Duroc Breeders' Association, Pratt, Kan.

Oct. 28—H. W. Flook & Son, Stanley, Kan.

Jan. 31—P. N. Marsh, Sedgwick, Kan.

Nov. 9—Woody & Crowl, Barnard, Kan.

Jan. 9—Ora Ayers, Orleans, Neb.

Jan. 15—Geo. Briggs & Sons, Clay Center, Neb.

Jan. 23—C. T. White & Son, Lexington, Neb.

Feb. 1—W. R. Huston, Americus, Kan. Sale at Emporia.

Feb. 1—L. R. Massengill, Caldwell, Kan.

Feb. 2—Ralston Stock Farm, Benton, Kan.

A. E. Ralston, Mgr. Towanda, Kan.

Feb. 3—E. G. Hoover, Wichita, Kan.

Feb. 5—L. J. Healy, Hope, Kan.

Feb. 5—G. M. Shepherd, Lyons, Kan.

Feb. 5—L. D. Spence & Sons, Crab Orchard, Neb.

Feb. 6—Putman & Son, Tecumseh, Neb.

Feb. 6—Ross M. Peck, Gypsum, Kan.

Feb. 6—Wm. Fuiks, Langdon, Kan.

Feb. 7—Woody & Crowl, Barnard, Kan.

Feb. 7—Zink Stock Farm, Turon, Kan.

Feb. 8—E. E. Norman, Chapman, Kan.

Feb. 8—Stafford Co. Duroc Breeders' Association, Stafford, Kan.

Feb. 9—J. P. Martin, Delevan, Kan.

Feb. 9—Frank J. Schaffer, Pratt, Kan.

Feb. 9—W. H. Hilbert, Corning, Kan.

Feb. 10—S. & R. G. Cooley, Plymouth, Kan.

Feb. 10—Pratt Co. Duroc Association, Pratt, Kan.

Feb. 12—H. G. Eselman, Sedgwick, Kan.

Feb. 12—Mitchell county breeders, Beloit, Kan.

Feb. 13—L. L. Humes, Glen Elder, Kan.

Feb. 13—B. W. Conyers, Severy, Kan.

Feb. 14—John Loomis, Emporia, Kan.

Feb. 14—W. D. McComas, Wichita, Kan.

Feb. 15—Woodall & Danner, Winfield, Kan.

Feb. 15—Geo. Dimig, York, Neb.

Feb. 15—L. Bridenthal, Wymore, Neb.

Feb. 16—Earl Babcock, Fairbury, Neb.

Feb. 16—Geo. J. Dimig, York, Neb.

Feb. 16—J. F. Larimore & Sons, Grenola, Kan.

Feb. 17—R. C. Smith, Sedgwick, Kan.

Feb. 19—G. J. Moorehead, Benton, Kan.

Feb. 19—Andrew McMullen, Gibbon, Neb.

Feb. 20—Overstake Bros., Atlanta, Kan.

Feb. 20—A. B. Holmberg, Gibbon, Neb.

Feb. 20—(night sale) Ferris Bros., Elm-creek, Neb.

Feb. 21—H. E. Labart, Overton, Neb.

Feb. 21—D. Arthur Childers, Emporia, Kan.

Feb. 21—Stuckey Bros., Wichita, Kan.

Feb. 22—M. I. Brower, Sedgwick, Kan.

Feb. 22—R. E. Kempin, Corning, Kan.

Feb. 23—Archibald French, Lexington, Neb.

Feb. 23—Bignell Bros., Overton, Neb.

Feb. 23—R. W. Newcom, Benton, Kan.

Feb. 24—H. W. Flook & Son, Stanley, Kan.

Feb. 24—Glen Blickenstaff, Oberlin, Kan.

Feb. 28—Lock Davidson, Wichita, Kan. (Sale at Caldwell, Kan.)

March 6—Ora Ayers, Orleans, Neb.

March 6—D. S. Sheard, Esbon, Kan.

March 6—C. T. White & Son, Lexington, Neb.

March 7—Earl J. Anstett, Osage City, Kan.

March 7—L. A. Poe, Hunnewell, Kan.

March 10—E. W. Nickel, Dodge City, Kan.

Poland China Hogs

Sept. 18—J. C. Martin, Welda, Kan.

Oct. 4—A. L. & D. Harris, Osage City, Kan.

Oct. 5—Mr. & Mrs. Wm. McCurdy, Ohlawa, Neb.

Oct. 6—Peter J. Tisserat & Sons, York, Neb.

Oct. 9—S. U. Pince, Olathe, Kan.

Oct. 10—E. U. Ewing & Son, Beloit, Kan.

Oct. 12—J. L. Griffiths, Riley, Kan.

Oct. 16—S. J. Tucker, 140 South Belmont, Wichita, Kan.

Oct. 17—Dan O. Cain, Beattie, Kan.

Oct. 17—John D. Henry, Leocompton, Kan.

Oct. 19—Stafford Co. Poland China Breeders' Association, Stafford, Kan.

Oct. 20—H. B. Walter & Son, Bendena, Kan.

Oct. 21—J. C. Dawe, Troy, Kan.

Feb. 24—Chas. Krill, Burlingame, Kan.

Oct. 27—Pratt Co. Poland China Breeders' Association, Pratt, Kan.

Nov. 3—W. A. Prewitt, Asherville, Kan.

Jan. 10—W. H. Grono & Son, Mahaska, Kan.

Feb. 14—C. S. Nevius & Sons, Chiles, Kan.

Feb. 2—Peter J. Tisserat & Sons, York, Neb.

Feb. 12—A. L. Wiswell & Son, Ochelton, Kan.

Feb. 13—H. M. Donham, Stanley, Kan.

Feb. 14—Von Forrell Bros., Chester, Neb.

Feb. 17—C. B. Schrader, Clifton, Kan.

Feb. 28—R. Miller & Son, Chester, Neb.

March 8—J. E. Baker, Bendena, Kan.

Spotted Poland China Hogs

Oct. 5—G. S. Wells & Son, Ottawa, Kan.

Oct. 6—Henry J. Haag, Holton, Kan.

Nov. 1—Henry Field Seed Company, Shenandoah, Iowa.

Feb. 20—Henry Field Seed Company, Shenandoah, Iowa

county Capper pig club members were on hand with a nice booth and exhibited 14 head of hogs. The fair was a credit to those who put it on and President R. B. Donham and Secretary W. R. Barnard are to be congratulated upon the success of their 1922 big free gate fair. It will make Belleville and Republic county talked about favorably and is a credit to north central Kansas.

Field Notes

BY J. W. JOHNSON

E. M. Reckards of Topeka is starting his Chester White hog advertisement in this issue. Mr. Reckards is offering some good spring boars and gilts for sale. Look up his advertisement and note the breeding of his offering.—Advertisement.

W. A. McPheeters' Hampshires
W. A. McPheeters is starting his Hampshire hog advertisement in this issue. Mr. McPheeters owns one of the good Hampshire herds in Kansas, and will be at the State Fairs with his show herd this year. He has about one hundred head in his herd at this time. Cherokee, Tipton, Messenger Boy, and Lookout breeding.—Advertisement.

Bohlen Bros. Durocs
Bohlen Bros., Downs, Kan., breeders of Duroc Jerseys, offer boars and gilts sired by King Pathrion, full brother in blood to Great Pathrion, the state champion. These boars and gilts are out of well bred sows and have been well grown and are good and priced right. Ask for descriptions and prices at once if you want a boar. They will not hold a public sale and want to sell their boars and gilts as soon as possible.—Advertisement.

F. C. Swiercinsky's Poland China Sale
Next Tuesday, September 12, is the date of F. C. Swiercinsky's annual Poland China sale. This year it is a little earlier than usual but the breeder or farmer that buys his boar early is the one that develops a boar of real value. He is selling 45 head in this sale which will be held at the well known Freedom Stock farm near Belleville. Fourteen March boars, 18 last fall gilts, six fall boars and some sows bred and others with litters will be sold.—Advertisement.

Henry J. Haag's Spotted Poland Sale
Henry J. Haag, Holton, Kan., a very extensive breeder of big Spotted Poland Chinas, will sell 60 real boars and gilts in his big sale at the farm near Holton, Kan., October 6. Just get this: he is going to sell 20 boars, 15 of them spring farrow and five of last fall farrow. Also 20 spring gilts, granddaughters of Booster King; 20 fall yearling gilts, granddaughters of a grand champion. The offering will be unusual in size, quality and richness of pedigree. There will not be a better place anywhere this fall or winter to buy a boar or a few gilts of real merit. The sale will be advertised in the next issue of the Mail and Breeze. You better ask him for the catalog right now.—Advertisement.

White City Jersey Sale
White City, Kan., Morris county, is a center for registered Jersey cattle that is getting to be pretty well known all over the country. A few of the best known breeders there have decided upon a sale there October 4, and the sale will be advertised in the next issue of the Mail and Breeze. It is not going to be a sale in which the kind that breeders usually want to dispose of will be sold, but just the reverse. It will be an offering that will be a credit to the Jersey cattle business and to White City, Kan., in particular. They are selling 35 and they will be cattle of the very highest quality and very desirable in breeding, ages and condition. M. A. Tatlow, White City, Kan., will mail you the catalog promptly upon request. You should send him your name at once. Next week the Mail and Breeze will contain the sale advertising and you should be sure to read it and go to the sale if you are at all interested. Write for the catalog today.—Advertisement.

G. A. Sanborn's Chester White Sale
G. A. Sanborn, Edmond, Kan., Norton county, will sell 40 Chester White boars and five sows in his first public sale at the farm, three miles from Edmond, Saturday, September 30. Forty boars, actual tops from 90 head raised, is a lot of boars, and you can certainly find the boar you want in this number. They are reserving the tops of the spring gilts for their bred sow sale January 9. The boars in the sale September 30 are a well grown, carefully bred lot of boars that will prove the equal of any sale of Chester White boars of the season. They will be by two herd boars, My Model and Kansas Chief and a few by the Weimer herd boars, Chief Justice 2nd and Weimer's Choice. They are a really fine lot of young boars and you should write for the catalog at once. Tell them you saw their advertisement in the Mail and Breeze. It will appear in the next issue.—Advertisement.

BY J. T. HUNTER
L. L. Artz of Larned, Kan., is offering choice Chester White boars for sale. Look up his advertisement in this issue and write him for prices and breeding.—Advertisement.

W. H. Tonn, Haven, Kan., offers bred Spotted Poland gilts and spring boars by Master K Jr by Master K. Gilts are bred to Junior D by Silas Marner. Nicely marked and well grown. Write, mentioning Kansas Farmer and Mail & Breeze.—Advertisement.

Wm. M. Atwell's Spotted Polands
Wm. M. Atwell of Burlington is starting his Spotted Poland China advertisement in this issue. Mr. Atwell is offering early spring boars and gilts, and weaned summer pigs at very attractive prices. Look up his advertisement and note prices and breeding of his offering.—Advertisement.

Oscar K. Dizmang, Bronson, Kan., has a good son of Echo Sensation, the McBride herd sire that stands preeminently as one of the best sires of eastern Kansas. This son, Oscar Sensation, has sired some fine Durocs for Mr. Dizmang and he is offering spring gilts and boars at reasonable prices to buyers. Write him or call and see what he has for sale. Please mention Kansas Farmer-Mail & Breeze.—Advertisement.

Milner & Howe's Hereford Sale
W. D. Milner and Carl L. Howe, both of Neosho Rapids, Kan., sell 100 Herefords at the V. D. Milner farm, Thursday, Oct. 19. Milner is dispersing his herd and Howe is adding some to the offering. Watch for the

advertising in Kansas Farmer and Mail & Breeze. Meanwhile write for a catalog and mention Kansas Farmer and Mail & Breeze.—Advertisement.

Emporia Consignment Hereford Sale
The following named Hereford breeders sell 75 or more good Herefords at Emporia, Kan., Wednesday, October 11; Joe Imthurn, Madison, Kan.; Dan Luther, Madison, Kan.; G. E. Shirkey, Madison, Kan.; Lumley Bros., Emporia, Kan., and Russell George, Olivet, Kan. Watch for display advertising in Kansas Farmer and Mail and Breeze. Meanwhile write Joe Imthurn, Mgr., Madison, Kan., for a catalog. Mention Kansas Farmer and Mail and Breeze.—Advertisement.

McComas' Durocs
W. D. McComas, Wichita, Kan., had one of the good Duroc sales this summer. He is now offering at private treaty boars, bred sows and gilts by Giant Orion Sensation 4th by Great Orion Sensation, (the boar is beyond question one of the largest and best sons of the 1919-21 World's Grand Champion) Pathrion 1920 Topeka Grand Champion and Jock's Orion King A by Jock's Orion King 2nd. Here are 3 tip-top, well-known and proven good sires and anyone wanting good Durocs should at once write or call on W. D. McComas. Address Box 455. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Sobke's Shorthorn Dispersal
The man who disperses his registered herd necessarily lets go of animals he would continue to keep if he remained in the business. That kind of a sale always offers a good opportunity for the buyer to get a bargain. Joseph J. Sobke, Bushong, Kan., is quitting the farm and selling everything, Friday, Sept. 29. The registered Shorthorn herd sells in the afternoon and the grades and horses and hogs and farm crop and machinery sell in the forenoon. See the display advertisement in this issue of the Kansas Farmer and Mail & Breeze for description of the offering. Every animal will be in fine flesh and condition. Lots of feed at low prices means that farmers should keep livestock in as large numbers as convenient, if possible to use this feed. Here is a good lot of livestock, especially registered Shorthorns. Read the advertisement and write for a catalog, mentioning Kansas Farmer and Mail & Breeze. Address Joseph J. Sobke, Bushong, Kan.—Advertisement.

Ed Hoover's Durocs
Elsewhere in this issue will be found the sale report of E. C. Hoover's August 30 Duroc sale at Wichita, Kan. This sale approached the highest of all the summer Duroc sales in Kansas. And Hoover has not sold all his good ones. He has for sale boars, bred sows and gilts, a number of which are out of sows that helped make his sows get the highest average. It is worth something nowadays to have a good sire at the head of the herd as well as high class females producing the litters. Hoover has a lot of good ones both male and female for sale. His sires are Orchard Scissors by Scissors, 1917 World's Grand Champion. This boar is conceded by all to be one of Scissors' greatest sows. Another important sire is Great Pathrion, 1920 Kansas Grand Champion, and 6th place winner in his class at 1921 National hog show. Hoover's greatest stellar activity was in getting Goldmaster by Pathmorlin, the most widely and most favorably discussed spring pig that Iowa has produced in a long time. He paid a cool \$1000 for this pig at 4 1/2 months. That is some long price to pay for a pig but the approbative comments that were made by hog men who looked the pig over at the Hoover sale August 30 should prove beyond question that Mr. Hoover has got hold of a great prospect for a sire. Drop in on Mr. Hoover when at Wichita and look this pig over. He is a great pig. In Mr. Hoover's February 3 sale there will be 30 bred sows and gilts, 10 bred Orchard Scissors, 10 to Great Pathrion and 10 to Goldmaster. Meanwhile, if looking for Durocs at the present time, get in communication with E. C. Hoover, Wichita, Kan. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

BY JESSE R. JOHNSON

Chester White Sale Sept. 18th
Nebraska and Kansas farmers and breeders should be especially interested in the annual sale of registered Chester White hogs to be held at the farm of Henry Wiemers near Diller, Neb., Monday, Sept. 18. On the above date there will be sold a great line of spring boars and gilts largely the get of the great breeding boar, Chief Justice 2nd, first in class as junior at Iowa State Fair 1920. This boar is making an exceptionally good cross on the daughters of the noted big boar, Prince, one of the greatest sons of Wildwood Prince. Prince was first aged boar at Nebraska State Fair in 1917 and weighed 1090 pounds. There will be included in the sale ten outstanding good big type boars sired by Chief Justice 2nd; five by Wiemers' Giant, four of them fall boars. There will be sold 8 fall open gilts. Mr. Wiemers asks those unable to attend to send bids to the writer and he will guarantee any and all purchases made by him. When writing for catalog please mention this paper.—Advertisement.

Chester White Sale September 19th
One of the greatest opportunities of the early fall to buy high class Chester White hogs will be at the Wm. Buehler sale to be held on Mr. Buehler's farm five miles south of Sterling, Neb., on Tuesday, Sept. 19. On the above date there will be sold the best lot of Chesters ever offered by this well known breeder and exhibitor. 30 boars and 10 females will be sold. Three or four of the fall boars that sell are especially good, standing at this time 34 inches high and weighing 400 pounds. The spring boars are the tops from the early spring crop and contain real herd boar prospects. Some of them now stand 28 inches high and weigh around 200 pounds. The offering is rich in the blood of the noted boar, Alfalfa Wonder, and a considerable part of the boars and females in the sale are sired by his greatest son, Alfalfa Surprise. Other sires represented are Alfalfa Giant 2nd, Alfalfa Hero, Alfalfa Monster and Tichota's Choice, all boars of great size and quality. The Buehler herd has long been famous for its great line of brood sows. Mr. Buehler breeds the big kind with the extra good backs and strong underpinning. Breeders and farmers in the market for boars or females should write at once to Mr. Buehler for catalog which will be sent upon request. Mention this paper when writing and if unable to attend sale send bids to Jesse R. Johnson in Mr. Buehler's care at Sterling, Neb.—Advertisement.

Buehler's Chester White Auction



Buehlers Kind 4th—Grand Champion Sow Nebraska, 1921.

At Farm 5 Miles South of Sterling, Johnson County, Neb., Tuesday, Sept. 19.

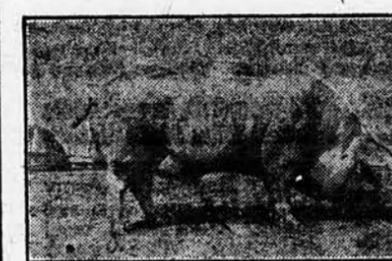
40 Tops consisting of tried sows, open gilts and 30 last fall and spring boars. The offering is largely the get of the great boar Alfalfa Surprise, Grand Champion of Nebraska, 1920, and National swine show, 1921. Much of the offering carries the blood of the Neb. Grand Champion sow Buehlers Kind 4th. Our hogs have been heavy winners at the best shows. The boars are just the tops from our spring crop and a few real herd boar prospects carried over from last fall. They stand up high and have great backs. Catalogs sent out only to parties asking for them. When writing for catalog please mention Kansas Farmer and Mail & Breeze.

Wm. Buehler, Sterling, Neb.

Aucts.: Col. J. C. Price, Col. R. K. Hutchinson
Henry Wiemers sells day before at Diller, Neb.
Send buying orders to Jesse R. Johnson in my care at Sterling, Neb.

Wiemers' Chester White Sale

At Farm Two Miles West of Diller, Neb., Monday, September 18



CHIEF JUSTICE 2nd.

Henry Wiemers, Diller, Nebr.

Aucts., Col. J. C. Price, C. B. Clark; Fieldman, Jesse R. Johnson.
Wm. Buehler sells the day following at Sterling.

25 Spring Boars, 15 Spring Gilts—Largely sired by Chief Justice 2nd, 1st in class Iowa state fair 1920. Others by Wiemers Giant, highest priced boar of the breed selling at public auction. Few by Wiemers Choice. The dams of offering include daughters of the big boar Prince, 1st prize aged boar Neb. 1917. Write for catalog and mention Kansas Farmer and Mail & Breeze. If unable to attend send bids to Jesse R. Johnson in my care. We guarantee his purchase to please.

CHESTER WHITE HOGS

Chester Whites For Sale
Good big growthy spring Boars and Gilts. The bacon kind, tall and long, so much desired by packers and breeders. Masterpiece Model Giant breeding predominates. Write to E. M. RECKARDS, 817 Lincoln St., Topeka, Kan.

CHOICE CHESTER WHITE BOARS
For sale. L. L. ARTZ, LARNED, KAN.

JUNE BRED CHESTER WHITE GILTS
J. H. HOOPER, ROZEL, KANSAS.

HAMPSHIRE HOGS

Hampshire Bred Sows, Boars, Pigs
Sell one or a carload. Bred sows, choice spring boars and gilts. Champion bred pairs and litters not related. Immunized. Write for free price lists. WICKFIELD FARM, F. F. Silver, Prop., Box 8, CANTON, IOWA.

Square Deal Hampshires

Shipped on approval. Spring boars and gilts best quality and breeding. Write for prices. Meet me at State Fairs. W. A. MCPHEETERS, Baldwin, Kan.

Whiteway Hampshires Shipped on Approval
Bred gilts, choice spring boars and gilts. Champion bred pairs and litters not related. Immunized. F. B. WEMPE, Frankfort, Kansas

100 SPRING GILTS AND BOARS
Well bred. Priced to sell. W. F. DREASHER, Route 3, Emporia, Kansas

SHEEP AND GOATS

REG. SHROPSHIRE SHEEP FOR SALE
A few choice ages, also, one or two-year-old rams. Write me of your needs or come and make your own selections. Prices reasonable. J. W. ALEXANDER, Burlington, Kansas

TOGGENBURG BILLIES FOR SALE
Young, ready for service. R. W. BOLACK, Burden, Kansas

When writing advertisers mention this paper

SPOTTED POLAND CHINA HOGS

Cloverdale Stock Farm Offers
Early boars, 135 to 150 lbs., ready for service. Tall, big-boned fellows, with plenty of length and about half white. These are by sons of G's Royal Prince 6th and O & K's Pride; dams by Arbs' Model, Arbs' Hero, Plunderdale Duke and other famous boars. Priced at \$30 to move them quick. Weaned summer pigs, \$18 each, unrelated trio, \$45. Satisfaction guaranteed or money back. WM. M. ATWELL, BURLINGTON, KAN.

Weddle's Spotted Polands

Bred sows and gilts, early or late farrow. Unrelated spring trics, spring or fall boars. English or Standard bred. Big type or medium. Immunized. Guaranteed. THOS. WEDDLE, Valley Center, Kan., R. 2. Telephone Kechi, 1561.

Gilts Bred to Son of Grand Champion

Leopard King. A few tried sows and spring pigs, grand sire Arch. Back King. Also good herd boar. Everything immune. T. L. CURTIS, Dunlap, Kansas.

BRED SOWS AND GILTS

To farrow in Sept. Spring pigs both sex. Well bred and priced right. JOHN DEYRICH, PLYMOUTH, KAN.

FULLER'S SPOTTED POLANDS
Fall gilts bred to a son of Arch Back King. Spring pigs, 100 to select from. J. S. FULLER, Alton, Kansas.

NICELY MARKED BRED GILTS and spring boars. Master K and Junior D breeding. Priced to sell. W. H. TONN, Haven, Kan.

HORSES AND JACK STOCK

6 Percheron, Ton Breeding Stallions
7 reg. jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors. GEO. SCHWAB, CLAY CENTER, NEB.

GREAT SHOW AND BREEDING JACKS
Priced right. Mineman's Jack Farm, Dighton, Kan.

Order From This Ad.

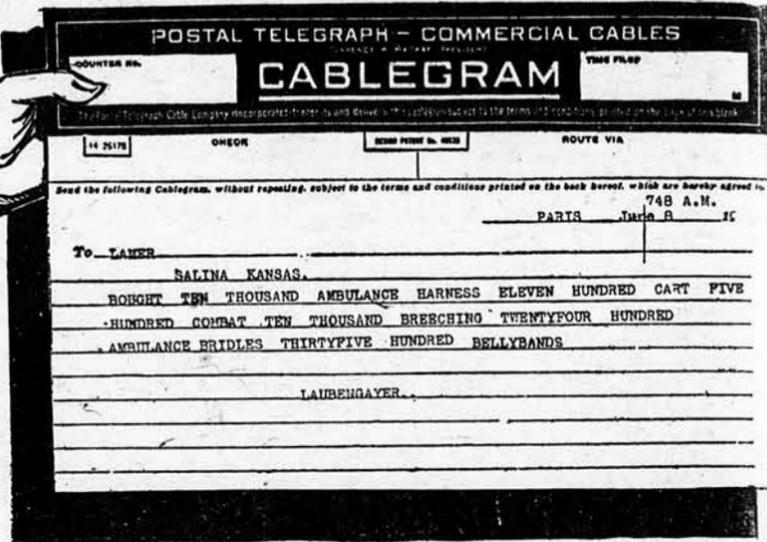


C.W. LAMER
President

Gigantic Sale of U.S. Army Harness!

U.S. MAKE-DIRECT FROM FRANCE

A Mighty Bargain!



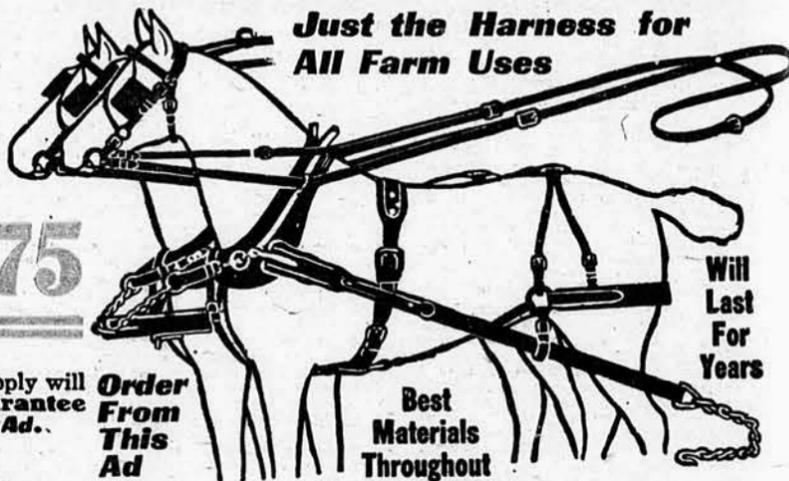
Prices Smashed—Lowest in History!

Down go harness prices—down! down!! DOWN!!! we've smashed them to bedrock—the lowest in history! A gigantic purchase just made from the French Government of more than 40,000 sets of highest quality double ambulance and other army harness and equipment makes my **sensationally low prices** possible. It was a lucky buy! My business partner was on the job in Paris. He paid spot cash. He got a mighty bargain! And **now this bargain is passed on to you.** All this equipment was made in the United States for the French Government—has passed five rigid government inspections. Just the harness for the farm—none better made.

Sold on Money-Back Guarantee

It will go fast, this lot of harness! Made to stand the terrific strain of war. Think of it! You get this harness at a small fraction of actual cost to make. Right now you are offered the chance of a lifetime to replenish your farm harness. Don't delay. Orders already are coming in fast—and the supply will soon be gone. I advise you to order all you want right NOW! I personally guarantee **absolute satisfaction or your money back.** Order Direct From This Ad.

\$27.75



Brand New Gov't COLLARS. Hair-Faced—Regular \$7.00 Value.



More durable or better quality horse collars than these are not made. Uncle Sam bought them. Best quality leather; hair-faced. State size needed. A mighty bargain for farmers, team owners, contractors, etc. Order a full supply at low price of **\$3.50**

Order From This Ad.

All Wool O.D. Army Shirts Brand New \$6.00 Values

A new lot of these extra quality Reg. U. S. Army Shirts just in. Finest quality olive drab wool shirting. Two breast pockets; double elbows; re-inforced at all points of strain. You can't buy a better shirt for work or every day wear. Stock up for fall and winter NOW! Our Special Price..... **\$2.95**

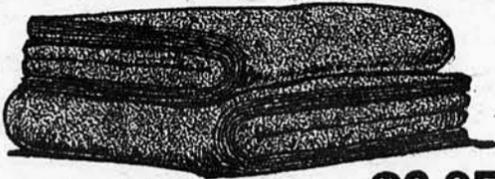


McClellan Army Saddles—Slightly Used

Here is what experts declare the best saddle made, considering dependability, durability, appearance and comfort. The McClellan is the favorite army saddle—the official cavalry saddle of the United States Army. Made throughout of best quality Government inspected leather and other materials. Steel stirrups. Original cost about \$40.00. Never before have they been offered at this Sacrifice Price. There will be a great demand for these fine saddles at this Low Price. We advise that you order at once. They will go fast. Send in your order NOW! Our Special Price..... **\$6.50**

Genuine O. D. Army BLANKETS—An Extra Choice Lot. Winter's Coming—Stock Up Now at Big Saving!

We were able to obtain an extra choice lot of Genuine O. D. Army Blankets—the heavy, all-wool kind of finest quality. Full size. No better blankets made! They'll give protection and warmth the coldest nights—for years and years. Wise housewives will stock up at once at our low price, for the supply of these genuine army blankets is rapidly diminishing. Prepare for the cold winter ahead! Send in your order now! Satisfaction guaranteed. **\$2.95**



Money-Back Guarantee

I guarantee absolute satisfaction on every article advertised. If any article you buy does not prove satisfactory, I will replace it or promptly refund your money on return of goods. No quibbling or argument, I take your word for it. C. W. LAMER.

Full Description of Ambulance Harness

The harness illustrated here will stand up to every test; it has quality through and through. Compare it to any \$100.00 harness anywhere. SPECIFICATIONS: Bridle Crown, 7/8 in. by 1/2 in.; Throat Latch, 1/2 in.; Bridle Front, 1/2 in.; Cheeks, 1/2 in.; Large Square Blind; Flat Winker Stays, 1/2 in.; Split Face Piece, 1/2 in.; Bit Straps, 1/2 in.; Flat Reins, 1/2 in.; Genuine Concord Hames; Breast Straps, 1 1/2 in. with snaps; Martingales, 1 1/2 in.; Traces, 1 1/2 in.; 8 rows stitched, 30 in. heel chain sewed in; 1 1/2 in. market strap and billet; heavy Concord Stuffed Pads, 3 1/2 in. wide; Belly Bands, 2 in. wide; Breaching Bodies, 2 1/2 in. wide; Breaching Straps, 1 1/2 in. reverse with snaps; Breaching Tugs, 1/2 in.; Lazy Straps, 1 in.; 1 1/2 in. Back Strap to Hame; 1/2 in. Double Hip Straps; Lines 1 in. wide. Our Special Price (slightly used but in excellent condition)—Satisfaction Guaranteed or Your Money Refunded. **\$27.75**

Same Harness, BRAND NEW, **\$41.75**
Actually Worth \$100.00

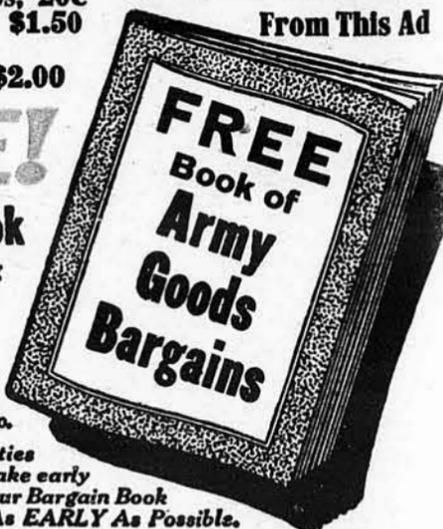
- Gold Medal Folding Army Cot, . . . \$2.45
- U. S. Gov. Hame Straps, 20c
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- Handy "Pup" Tent, Slightly Used, . . \$2.00

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FREE! Big Bargain Book

Send today for our Big Bargain Book of all kinds of Army Supplies and Equipment. Everything for the farm and farmers. Tools, Clothing, Harness & Equipment, Blankets, Shoes, etc.—all at Sensational Bargain Prices. Write At Once—NOW! A post card will do.



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