

KANSAS FARMER AND MAIL & BREEZE



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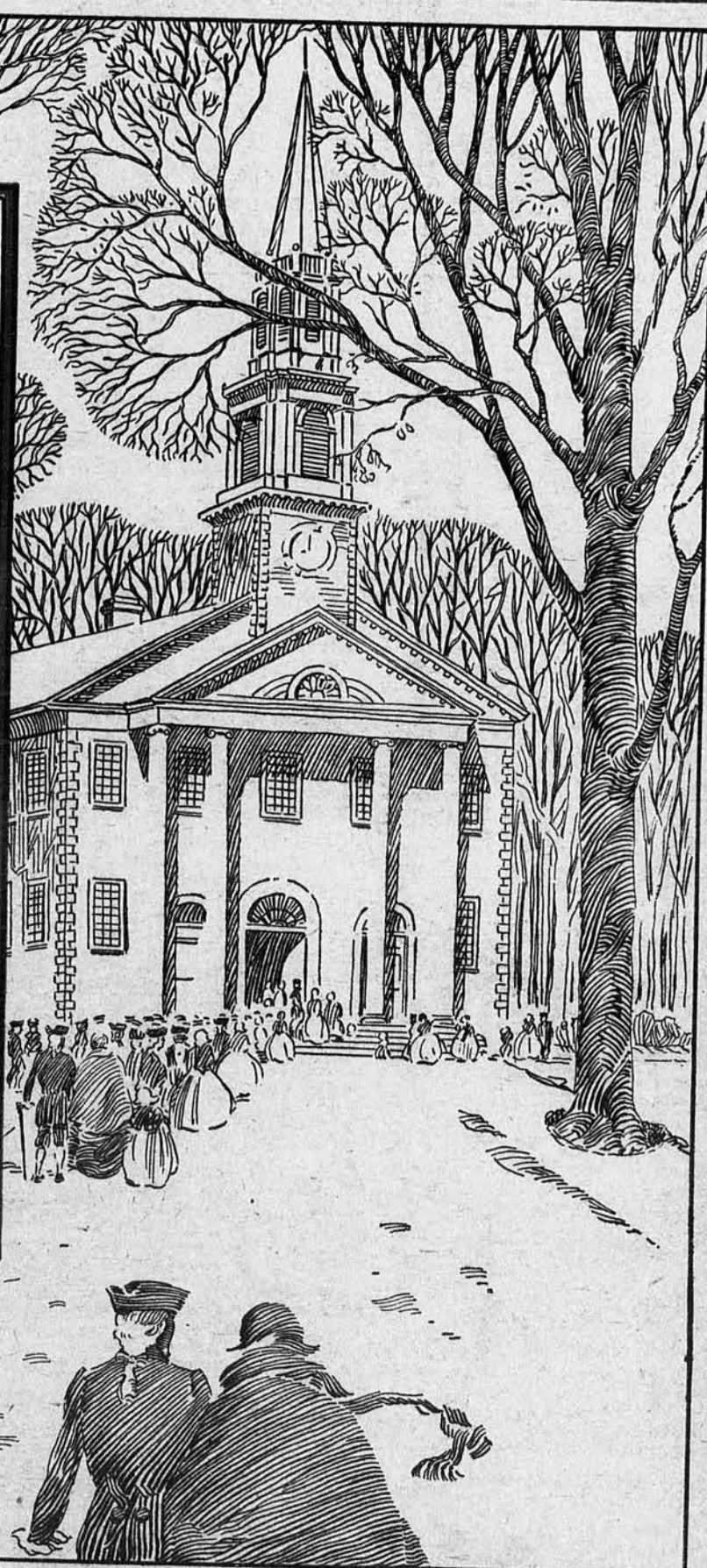
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KANSAS FARMER and MAIL & BREEZE

February 16, 1924

By *Arthur Capper*

Vol. 62, No. 7

Lends Money at Six Per Cent

Randolph State Bank, in Riley County, Pays No Interest on Time Deposits So That Farmers May Borrow at a Lower Rate

By John R. Lenray

CAN a bank lend money at 6 per cent and conduct a safe business? Not many bankers would agree that it is possible as a general practice, but of course there are exceptions where the borrower is a good moral and financial risk, an especial friend of the banker or where he puts up a good farm or other gilded security. As a general practice, however, it isn't being done, that's all. The customary rate is 8 per cent. Perhaps, it's not possible under normal conditions where customers are paid interest on time deposits, but how about discontinuing that practice?

That's exactly what happened at Randolph in Riley county. Twenty years ago somebody suggested that since business was dull, the high rate of interest might be responsible. Why not reduce the rate to borrowers a couple of per cent and quit paying interest to depositors? Not many of the directors were willing to take that step. It was somewhat revolutionary. What would bring depositors to the bank if there were no interest bait?

Placed Money in Checking Accounts

The man advocating the plan said that they would put their money in checking accounts as a matter of convenience and borrowers would come to the bank rather than patronize private lenders if they could get money at the same rate of interest. Eventually the plan was put into effect. The customary rate at that time was 10 per cent. The State Bank of Randolph experienced a rush of business. Folks who had some extra cash put it in the bank because they thought they might need to borrow some time. Farmers who needed money came to the bank to borrow because they could get it there at the same rate they had been paying local lenders.

Deposits picked up, until 8 per cent became the customary rate at all banks. Then they fell. Borrowers could get money from individuals at 6 per cent. The bank reduced its rate and deposits again picked up. Randolph is a town of 450 people. The Randolph State bank has more than a quarter of a million in deposits and the competing bank, which has adopted the same

plan, has approximately \$135,000 in under this system," said L. V. Johnson, cashier of the Randolph State Bank. "Deposits fluctuate a great deal

Milliner Designs Farm House

BY J. C. BURLETON

HERE'S something new in farm houses. In fact it's just been completed and Mrs. A. R. Ahrens hasn't got all the furniture placed and she's busy making draperies. Mrs. Ahrens was a milliner before she was married. She and Mr. Ahrens lived in Pittsburg three years before moving to the farm. His father is a Crawford county dairyman.

The house was designed by Mrs. Ahrens and she did a good job of it. It contains five rooms. The living room runs right thru the center of the house. On the north side are two bedrooms with a bath between. On the south are the kitchen, dining room and small back porch. From the west or back end of the living room a stairway leads to the second floor where there is room for two or three rooms more when they are needed. The floors are of hardwood and the other finish is of hard pine.

The kitchen would delight any woman. It contains a cozy breakfast room, a built in cabinet with frosted glass doors above, a sink with double drain board all in one piece, and the sink is above the back-breaking level at which most sinks are installed. The walls of the kitchen, up several feet, are checked with trowel to resemble white tile. French doors separate the dining and living rooms.

In the bathroom is a medicine closet, linen closet and a spacious chute which conveys soiled clothes to the basement.



Designing Hats and Houses Differs Greatly, But Mrs. A. R. Ahrens Did Both, and Here's What Carpenters Produced from Her Blue Prints

great deal of produce and marketing their crops and livestock, our deposits will run as high as \$275,000. When farmers are making a crop or feeding stock, our deposits will run down to \$200,000. At such times we prefer to rediscount rather than stop lending."

Most of the stockholders of this bank are farmers and all the directors are farmers. One is a business man, but he is also farming. J. W. Johnson, the president, lives on a farm and operates it. Between 85 and 95 per cent of the loans are made to farmers. Interest rates on loans were not increased during the war, when it could have been done, because the bank preferred to retain the good will of its customers.

How the Plan Works

Johnson explains the heavier deposits under their plan by the fact that most depositors expect to borrow at some time. They are more interested in getting money at 6 per cent than they are in lending any surplus cash they may have from time to time at the low interest they would receive for time deposits. When a man sells a load of stock he deposits his check with the bank until he needs the money. If he has borrowed money for feed or stock, he retires the note which makes the money immediately available for other borrowers. If he had borrowed from a private lender, as would likely have been the case if the bank rate had been 8 per cent, the bank would not have entered into the transaction at all. The money might under those circumstances be idle for a while or be employed outside the community. Many other farmers are saving money to make payment on a farm, buy cattle or purchase equipment. They deposit the money to their checking accounts because they do not care to have it tied up in securities.

Randolph is not a speculative community. Farmers are interested primarily in livestock, but they rarely feed more than two or three carloads. Most of them own their farms or operate land which belongs to a near relative. They are not interested in "get-rich-quick" schemes and salesmen of doubtful securities do not tarry long in that section of Riley county.

Why The Tax Payer Kicks

By M. N. Beeler

UPWARD the course of taxes takes its way. And of recent years its way has been a beeline for the higher altitudes. That's what makes the taxpayer wince. Back in the staid days before the war the amount of money collected for the Kansas government was comparatively small. In 1903, for instance folks got along pretty well with \$16,903,154 worth of government, of which \$14,788,093 was collected for local subdivisions and \$2,524,161 for the state.

Cost of Government Rising

During the next 14 years government costs mounted steadily. Local units increased expenditures for public welfare a million, 2 millions or in the case of 1911 over 1910 and 1915 over 1914 and upwards of 3 millions of dollars a year. State levies increased a hundred thousand dollars a year during this period.

Then came 1917 when the boys out in the townships began "to demand more government." They got it—at a higher price. Zip! Levies went up with a

whoop. No longer did the course of taxes take its way. It shot up. From an expenditure of \$31,908,520 in 1916, the local subdivisions increased their purchases of government to \$36,709,961 in 1917. The state which had struggled thru 1916 on \$3,880,011 collected \$4,469,219 the next year. Local levies advanced nearly 4 millions in 1918, more than 9 millions in 1919, more than 13 millions in 1920, nearly 5 millions in 1921, but dropped nearly 4 millions in 1922. The state levies jumped from \$4,013,937 in 1918 to more than 6 millions in 1919, then back to less than 5½ in 1920, but up to \$8,504,359 in 1921, then down to \$5,916,416, and up again to \$8,321,775 in 1923 on account of the soldier bonus.

The total tax bill of Kansas was \$75,962,537 in 1921, nearly four and a half times the collections in 1903. The state levies increased to less than three and a half times, but local levies increased to more than four and three-

quarters times in that period. In 1922 the tax bill was \$69,387,389 and in 1923 it was \$75,617,687, not including special levies such as those for paying and drainage. By 1913, that year which has been used so frequently since the war in measuring conditions as they should be, local taxes had not doubled over the collections in 1903, and the state levies had increased by about a third.

If valuations may be taken as a basis for such conclusions, tax payers are more able to meet the obligations of government than they were some years ago. Records of the Kansas State Tax Commission show that in 1907, before it was organized, the total assessed valuation of the state was only \$425,281,214. The next year it was boosted to \$2,451,560,307. In 1913 the valuation was \$2,809,801,434. By 1920 the assessed valuation of the state had increased more than a billion dollars to \$3,869,514,914. Since then the figures

have been lowered a little so that by 1922 the valuation was \$3,554,812,791 and in 1923 it was \$3,577,114,130.

Because the constitution of Kansas does not permit a classification of property according to its ability to pay, the valuation of the different classes will show where the burden of taxes falls. A flat rate is assessed on all property according to its value. Farm land is the greatest source of government income in the state.

Railroads Complain About Taxes

Railroads complain about taxes and some of them have been placarding their stations with posters which tell how much they pay in taxes. According to the report of the tax commission to the last legislature they together with all public service corporations such as light plants, gas plants, telephone and telegraph companies and pipe lines, pay much less than a third of the taxes. Farm lands pay nearly half.

Land valuations in 1907 were \$190,467,720; city lots, \$78,686,780, personal (For Continuation Please See Page 23)

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Passing Comment—By T. A. McNeal

SPACE at this time does not permit extended comment on affairs outside of our own country, but I wish to say in passing that the new premier of Great Britain already has instituted measures looking to an understanding with France concerning German indemnities and the occupation of the Ruhr, but there is no present indication that France will accede to the proposals of the British government.

On our side of the water Mr. Bryan has come forward with a proposition that we forgive the allied countries all the debts they owe us in consideration of an agreement on their part that they will disarm. If there was any way of enforcing such an agreement if made, I would heartily favor it, but at present there is no way.

What About Russia?

SINCE the last issue I have read with a great deal of interest the entire discussion of the question of recognition of the Soviet government as carried on by Senators Lodge, Borah and Lenroot.

I must confess that the case made by Lodge is not as convincing as I supposed it would be; on the whole, it seemed to me that Borah had rather the better of the argument. However, on one point all were agreed; if it can be shown that the Soviet government actually is encouraging plots to overthrow this Government, that is sufficient reason to refuse to acknowledge it on the part of our Government.

It is not a question of whether we approve of the Soviet government; we always have conceded that it was not our business to dictate to any other people as to what kind of government they shall have.

The whole question has been referred to a committee, of which Borah is the chairman, for investigation. I believe that Borah is honest and able and when this committee finishes its investigations and reaches a conclusion, I will be disposed to feel that it ought to settle our policy.

French People Will Not Weaken

THERE has been an election in France with the result that the Poincaré government seems to be sustained by the majority of the French voters. Whatever the rest of the world may think about the occupation of the Ruhr, the French people evidently believe it justified. It is nearly impossible for an outsider to get either the French or German viewpoint.

There may be wide differences of opinion among outsiders on the question of who was to blame for bringing on the World War, but I apprehend there is little difference of opinion among the French people on the one side or the German people on the other.

I have no doubt that 99 per cent of the French people are convinced beyond argument that Germany was to blame and ought to pay France for every dollar's worth of property damage suffered by France during that terrific struggle. I have no doubt either that an overwhelming majority of them are convinced that if Germany ever gets on its feet it will attack France again and that therefore, France's only safety lies in keeping Germany down.

The Mexican Insurrection

IT LOOKS as if the insurrection in Mexico may be nearly over. De la Huerta and his staff have fled from Vera Cruz and things generally seem to be coming Obregon's way. For once the revolution did not seem to be very popular, which is unusual for Mexico.

The Burden of Interest

DURING a discussion recently in the United States Senate, it was conceded that the interest-bearing obligations in the United States at this time amount to more than 100 billion dollars, probably in the neighborhood of 120 billions. If the average rate of interest on these obligations is only 5 per cent the total annual interest amounts to 6 billion dollars. Estimating

our total population at 110 million the interest burden amounts to between \$54 and \$55 per capita every year. If the average family is five persons, the annual average payment of interest for a family is nearly \$273 a year.

It is probable, however, that the average rate of interest is more than 5 per cent. I think it would perhaps average 6 per cent in which case the average interest burden of a family for a year would be \$327.

Of course this does not work as great a hardship as it would seem. If all the people who pay interest were ranged on one side and all the people who collect were ranged on the other the burden on the interest payers would simply be intolerable, but fortunately those who produce the money or property necessary to pay this incomprehensible volume of interest, many of them are also collectors of interest so that to a large extent one hand does wash the other, so to speak.

But granting all that, I cannot believe that we can go on piling up interest-bearing obligations indefinitely. It cannot be a healthy condition when so large a per cent of the earnings of the people is paid out for the use of that which is not really

Then Light Comes

SLOW moving, heavy clouds and thick mists hide
 From light the mountain tops, deep clad with snow,

But now and then, the piling row on row,
 A glimpse they give, when winds have blown aside
 Their wraths, of splendid peaks, as if a tide
 Of light had flooded there, while yet below
 Shadows remain, and nothing seems to know
 The glory just beyond, where night has died.

Thinking all dark forever man yet gropes
 Among the petty, base desires of men.
 Following false dreams and empty, crumbling hopes,
 Till splendid dawns a golden day, and then
 We see the heights, from which the mist unrolls
 Of earthly things, and know that men have souls.

property at all but merely represents property and which for the most part is not even money, for the interest-bearing obligations aggregate nearly 20 times all the money, gold, silver, greenbacks, gold and silver certificates and bank notes there are in existence. Indeed, all of the various kinds of money we have would not be sufficient to pay the interest on the various bonds, notes and the like, if the payment all had to be made at one time.

Growing Demand for Cars

IT SEEMS rather strange to a Kansan where we have one automobile for every six persons in the state, to read of the great increase in the demand for automobiles in Algeria; the leading French province in Africa. Algeria is about three times as large as Kansas and has considerably more than three times as many inhabitants, but the total number of automobiles even now is only 15,000 or 16,000 as against more than 300,000 in Kansas, but then 90 per cent of the people of Algeria do not bother about wearing any clothes to speak of, much less about riding in automobiles.

Government Ownership of Roads

IAM sometimes asked for my opinion of Government ownership of railroads. There was a time when I was very favorable to Government ownership. It seems to me that the Government ought to be able to manage the railroads with much less overhead expense than under the present divided private management. Instead of there being a large number of railroad systems, each with its large number of highly paid officials, there would be under Government ownership but one system and one set of officials. It also seems to me that under Government ownership there would be a uniformity of rates and all the com-

plicated and expensive rate schedules and tariffs could be bolled down into one general rate. Theoretically, much is to be said in favor of Government ownership.

The experience of Government management during the war and for nearly three years after the war was disappointing, but in fairness I do not think that experience alone would furnish a conclusive argument against Government ownership. Conditions were not normal and that fact always must be taken into consideration in judging that period of Government control.

Entirely aside from that unfortunate experience however, my opinion concerning public ownership of the railroads has undergone a gradual change. The trouble with Government ownership is political. The roads would be almost certainly handled as a political asset and the management would be placed in the hands of politicians instead of in the hands of men especially qualified to run the business. If it were possible to divorce the management of the railroads entirely from politics and run them with just one object in view, the greatest possible efficiency and the best service at the lowest cost, then Government ownership would be ideal, but my present opinion is that this would not be possible under our present political party control of the Government.

Bonus Profits 37 States

THE greater interest in the investigation of the oil leases and the connection of various public officials therewith has temporarily lessened interest in the proposed bonus legislation, also in financial legislation and railroad legislation. Assuming these questions will again be taken up after the present excitement has to some extent subsided, it may be interesting to know how much each state would pay out in taxes for the payment of the soldier bonus in excess of the amount of money that would be taken in by the state in the amount of the bonus paid to the veterans resident in the state.

A table has been prepared for whose accuracy I do not pretend to vouch, which shows that 37 states will receive more for their veterans than they will pay into the United States Treasury in the way of taxes. The states that will pay into the Treasury more than their ex-soldiers will draw out in the bonus are California, Connecticut, Illinois, Maryland, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and the District of Columbia. The other states will draw out thru their ex-soldiers more than they will pay in.

Missouri will take out of the Treasury \$61,926,500 more than will be collected in taxes, according to this table. Texas will have an excess in her favor of \$50,648,900; Iowa will be \$37,000,500 to the good; Georgia will draw out \$34,316,500 more than her taxpayers will contribute. Alabama ex-soldiers will draw out \$31,391,209 more than the Government will collect in taxes from that state. Kansas soldiers will draw \$17,436,000 in excess of the state's share of the National revenues.

Goat Feathers

A READER earnestly asks what is meant by goat feathers. Merely another name for humbug, my friend, used because I do not wish to wear one particular word to a frazzle.

Maybe you have been reading the reports from Washington. I have. As a matter of fact, I have been reading the Congressional Record with diligence and disgust.

A political campaign is coming on. There was much in-sight in the way of an issue. Then there came a sudden disclosure of corruption in high places. A Cabinet officer, or rather an Ex-Cabinet officer is shown to be smeared all over with dirty and bad smelling oil. To make the matter worse, he did not tell the truth when he was accused. But instead of going quietly about the work of punishing him for his crime just as any other criminal should be punished, certain Democratic leaders seized on the incident joyously, and

because they were particularly anxious to see the guilty Ex-Cabinet officer brought to justice, but because they thought they saw a campaign issue. For a while they filled the Senate chamber with quite fervid oratory. They range the charges on the corruption of the Republican administration and altogether they seemed to be having a very satisfactory time, when suddenly the investigation brought out the fact that the same oil interests that had entered into the corrupt deal with Secretary Fall had employed four members of President Wilson's Cabinet just as soon as they retired from the Cabinet at very fat salaries or retainer fees and the head of the oil company that did the hiring, very frankly stated that they were not hired on account of their superior ability, but because it was supposed that they would have influence with the Administration. And immediately there was joy among the Republican leaders, not because justice was about to be done, but because the Democrats were checkmated. What a large assortment of political goat feathers it was.

When things were looking rather bad for the Republicans and they were wincing under the stinging remarks of Heflin and other Democratic Senators, the Republican Senator from New Hampshire, George Moses, undertook to counter the attack by charging that the Democrats were making a rifle pit of the grave of the late President Warren G. Harding. This was simply more political goat feathers intended not to meet the issue squarely, but to excite sympathy. Then the Democrats in turn dug up the record and found where Senator Moses had made some unkind references to President Wilson while he was lying stricken with what was feared was a fatal illness, and which, in fact, was the beginning of the illness which finally caused his death. He charged that Wilson was mentally incapacitated, and did it undoubtedly for political effect.

Political goat feathers, perhaps, is an expression that does not mean much of anything, at any rate, if I were asked for an exact definition of the word I could not give it, but it seems to express the feeling I have about the speeches of Heflin on the one side and Moses on the other.

It seems to me that meetings and banquets and addresses of the various religious, political, fraternal and social organizations are rather more frequent than usual this season. And the wonder is that a great many persons really take them seriously, notwithstanding the fact that they are 90 per cent goat feathers. I did not attend the recent Kansas day dinner. I am told that it was above the average in the way of a feed and that the speeches were also rather above the average. I am pleased to hear this, but the fact is that the goat feathers I had to swallow at past Kansas day dinners, still stick in my windpipe and interfere, to some extent, with my respiration. That is the reason I have grown leary of these dinners.

In a few days more there will be the annual

Democratic blow-out on which occasion a large and variegated assortment of goat feathers will be distributed to the faithful assembled at the dinner. Now, I am not complaining nor even criticizing the persons who give up their good money at these dinners. I think most of them feel as if they had gotten their money's worth, and after all, that may be the really important thing. I sometimes think that it is not what you really get, but what you think you are getting that counts in this world, and if goat feathers satisfy their longings, let them have them.

There is an old hymn which starts out, as I recall, in this way

"This world is all a fleeting show,
"For man's illusion given."

Now if that is true, and I am inclined to think it is, why not enjoy the show while it lasts? Why be so blamed serious about it? There is nothing more interesting than to watch the human players on this stage of life as, decorated with goat feathers, they strut and fume, often really taking themselves seriously.

Duels No Longer Fought

THERE are a few men and women living who can remember when it was not at all uncommon for public men to fight duels. It was considered the proper way for gentlemen to settle their difficulties where questions of personal honor were concerned and there was hardly any kind of a controversy in which personal honor was not concerned. President Andrew Jackson fought several duels, tho not while he was President. Henry Clay was involved in at least two duels. One of the territorial governors of Kansas, Governor Denver, fought a duel. Another Kansas man, Ward Burlingame, was challenged to fight a duel by Bully Brooks of South Carolina and accepted, naming rifles at 30 paces as the weapons. It was known that Burlingame was a dead shot with the rifle and the challenge was withdrawn.

Now, no public man would think of settling a quarrel by duel. There is no more sense and not half as much in war between nations as there was in duels between individuals.

Farmers' Service Corner

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

Father's Responsibility for Support

Is there a law in Kansas that will permit the father of a child to take the child from its mother when he never has supported it or done but little for its maintenance? The child was born in the grandparents' home and has lived with her mother since.

If this father failed to support this child he might be arrested under our law making it a felony

for a parent to neglect, abandon or refuse to support his family. Of course, if he could show by way of defense that he was incapable of supporting the child, that would relieve him from the criminal liability.

If the mother and father are separated and this child is in its mother's care while the father is the natural guardian of the child, if the mother could show that he has failed and neglected to support her and the child she could get an order of court restraining him from interfering with her possession and care of the child. Or if it has been maintained by its grandparents, they might get such an order.

Enlisting in the Navy

Can a person enlist in the United States Navy? Where can I write for further information?
C. W. B.

If you can stand the required mental and physical examination and are 21 years old or if younger than that and you can obtain the consent of your parent or guardian, you can enlist in the United States Navy.

There are numerous recruiting stations. Perhaps the nearest to you is at Denver. For further information address a letter to the Naval Recruiting Station, Denver, Colo.

Going Thru Bankruptcy

How long a time should elapse before a person going thru bankruptcy should receive the decree of the court adjudging him a bankrupt after the receivers have taken possession of his property?
J. E.

If the bankruptcy proceeding is not contested this ought to be settled at the first term of court held after the filing of the bankruptcy proceedings but like all other cases where there is a contest, where some creditor, for example, comes in and contests the bankruptcy proceedings, it may drag on for several terms of court, so that I cannot give you a definite answer.

Authority of Road Overseer

1—Has a road overseer a right to remove a fence to get dirt to make a fill? 2—Does a road overseer have a right to cut down trees within a road limit?

1—The statutes give the board of county commissioners, where a road is a county road or the township highway commission where it is a township road, very large authority in the matter of improving roads. I am of the opinion that if it was necessary to remove the fence in order to get dirt to make a fill the road overseer acting under the authority of the county commissioners and county engineer would have a right to do so. And if it was a township road the overseer acting under the authority of the township authorities would have a right to do so. Of course, the party who owned the land from which the dirt was taken would have a right to compensation for any damage which might accrue to him by reason of taking such dirt.

2—The road overseer would have a right to cut down trees in the road right of way if that was necessary for the improvement of the road.

Wall Street Can't See the Farmer

THE New York Journal of Commerce in a recent article says: "Those Senators who gathered together the other night at the home of Senator Capper in order to lay plans for attack upon the railroads call themselves the 'Farm Bloc' and profess to be friends of the agricultural industry in this country. It would not be difficult to show that in the long run they are likely to prove to be about the worst enemies the farmer has."

"Their immediate object is to cut freight rates upon agricultural products, to rob the railroads of their constitutional right to a fair return upon funds invested if they can earn it, and to turn jurisdiction over as many rail rates as they can back to hostile local bodies. No one who has any knowledge of the subject doubts for one moment that this group of legislators would put the railroads, or many of them, out of business if they had their way. Can such a policy be termed friendly to the farmer, who must have good transportation service if he is to continue to operate his plant?"

"Fortunately a combination of circumstances renders it highly unlikely that these malcontents will be able to accomplish their avowed desires. The farmers of this country would, however, be well advised to recognize in them about the worst enemy they have."

Wall Street can throw up its hat and cheer for a Teapot Dome lease. It can clamor for a ship subsidy. But it can't see the American farmer, and nobody can "show" the Street.

Wall Street Lampoons Farmers

Wall Street lampoons the farmers and their spokesmen at Washington for demanding fair freight rates for staple agricultural products. It accuses them of seeking to destroy the railroads, notwithstanding two Presidents have urged lower farm freight rates; that Canadian railroads have reduced these rates until they are much lower for equal distances than in the United States and that well managed railroads in the United States had a record business at a record profit in 1923, while agriculture barely staggered thru the year.

If Wall Street could be convinced, President Coolidge's message to Congress outlining relief measures for agriculture, including concessions by railroads, should have convinced it that it takes too narrow a view in perpetually belittling those who speak authentically for agriculture's interests in Washington. It is fortunate that the farmer's interest has some spokesmen at the Nation's capital, for it has none in Wall Street, where rail stocks for speculation are more important than American agriculture.

If Wall Street publications had the interests of the whole country at heart they would co-operate in helping the farmer to get back on his feet, instead of ridiculing the efforts of Western representatives of agriculture laboring in behalf of a full consideration of a great National interest, and a square deal for the farmer.

Agriculture Needs More Encouragement

The farmer's representatives at Washington have been denounced unremittently for three years by Wall Street publications, yet Congress has passed and two Presidents have signed laws which many of the ablest and most conservative leaders of business now recognize were for the interest of agriculture and for the interests of the country as a whole.

From the President, Secretary Mellon and Secretary Hoover down, it now is admitted the farmers were right in demanding that the law establish their clear legal title to the right to market their products co-operatively.

Notwithstanding, every Wall Street publication denounced this week after week and month after month as a "special privilege" asked for the farmer.

The Capper-Tincher act admitting farm organizations to public exchanges dealing in grain and prohibiting practices admitted by grain exchanges themselves to be indefensible, was bitterly attacked by Wall Street but was vindicated in the Supreme Court. It is again vindicated by the recent decision of the Federal Trades Commission in the Minneapolis case.

That other great industrial and commercial in-

terests should be represented on the Federal Reserve Board seemed not only proper but necessary to Wall Street. But Wall Street ridiculed the notion that agriculture is of sufficient interest in the "48 United States" to receive this consideration. Agriculture was left off the Reserve Board and always had been and always would have been, but for agriculture's representatives at Washington who were there to speak for agriculture and compel its recognition.

Wall Street went thru something like an epileptic fit when it was proposed to reorganize the War Finance Corporation to give credit to agriculture in its severe depression, but that this corporation has done and is doing excellent constructive work is now disputed by nobody. In his special message rushing assistance to the hard-hit farmers of the Northwest, President Coolidge declared it imperative that the life of the War Finance Corporation be extended by Congress.

Wall Street also would have vetoed the Intermediate Rural Credits act which the President signed and which bankers testify is doing a safe and useful work in aiding the livestock interests back to solvency and prosperity. President Coolidge in his recent message to Congress speaks of its "great success."

Alarmists Made Wrong Prophecies

Every time the so-called "Farm Bloc" has come forward with a measure for agricultural relief or for putting agriculture on an equal footing with other great industries, it has been accused by Wall Street of threatening every business in the land. These Wall Street prophecies have all proved groundless just as many of us had fully suspected.

The present charge from Wall Street that the farmers in their demand for reduction in freight rates are trying to "put the railroads out of business" is as nonsensical as any of the others. It is not railroads that have been going out of business in the last three years, but the farmers.

Arthur Capper
Washington, D. C.

News of the World in Pictures



Archie Roosevelt on the Right and Theodore Roosevelt, His Brother, Assistant Secretary of the Navy, at the Left



Ruins of a Cottage Destroyed by Dynamite Explosion at Manville, R. I.; Two Families Numbering 15 Persons Perished



Royal Northwest Canadian Mounted Police After 28 Months' Trail-ing in Arctic Region, Capture Two Eskimo Criminals



Senator Thomas J. Walsh, Fighting Senator From Mon-tana, Who is Pushing Oil Scandal Inquiry

At the Right is H. G. L. Strange of Fenn, Alta, Winner of Inter-national Wheat Championship at International Grain Show



Dr. H. Honner, a Human Kangaroo and From Australia of Course; He is the Winner of the Australian Broad Jump Championship



Mary Garden, Prima Donna and Former Impresario of the Chicago Opera, Listening to the Radio Set in Her Studio

This Shows Miss Margaret Wilson As She Appeared When She Stepped From Her Automobile and Has-tened to the Bedside of Her Father, Ex-President Woodrow Wilson, the Day Before He Died

At the Right is a McCormick-Deering Corn Binder on an Iowa Farm; With This Ma-chine From 5 to 7 Acres a Day of Corn Can be Cut and Bound Into Bundles; Its Work is Equal to Five Men Using Corn Knives



A View of Ex-President Woodrow Wilson As He Appeared in His Chair in the Executive Office at the White House During His Last Term As President



A Forest Scene on Redwood Mountain Near the General Grant National Park in California; Some of These Trees Are of Gigantic Size and Height



An Interesting Group of Progressive Stu-dents From China Who are Attending the Kansas State Agricultural College at Man-hattan, Kan.



A Remarkable Close Finish of the Class A 3-Mile Race in the Annual Meet of the Skate Sailing Association of America, Held in Zero Weather on Lake Hopatcong, N. J.



Dee McLain, Midget Bellboy and John Aasen, Los Angeles Giant; Each is 24 Years Old; John is 8 and Dee 3 Feet Tall

When Lambing Time Comes

By Frank Kleinheinz

LAMBING time is, perhaps, the most important season of the year for the shepherd. A successful lambing period helps to make a successful sheep year. It then behooves every shepherd to have as high a percentage of strong, healthy lambs as possible. The lambs and, perhaps, here and there an ewe that he will save by the sacrifice of some sleep during lambing will amply repay him.

It is hoped that the ewes were flushed in the fall, entering their period of pregnancy in a vigorous condition and that they have had all the exercise that was possible during the winter. If they have had good hay such as clover or alfalfa and some succulent feed, no grain has been needed. The feeding of timothy hay is by all means to be avoided since this kind of hay has killed thousands of sheep from impaction of the bowels and constipation.

Succulent Feed Important

If the ewes are to lamb before going on pasture they should receive some grain about a month before lambing. This insures a good milk flow. Oats and wheat bran, either half and half or two parts of oats and one of bran, should be fed. One-half pound a day of this mixture for each ewe should prove sufficient.

It is also very important that succulent feeds, such as corn silage or roots, be given pregnant ewes. These keep the bowels in good condition and serve as general tonics and regulators. Many experienced shepherds also believe that the weight of the wool can be increased by feeding good succulence. All winter long each ewe should receive daily from 2 to 2½ pounds of it. After lambing this amount can be increased. It should be remembered that no frozen silage or roots should be fed to sheep. Either is very dangerous. The flock should be supplied with pure fresh water at all times and barrel salt should be placed within their reach so that they can get it at will.

The shed or barn in which the flock finds shelter need not be an expensive one. But it should have a good roof to keep the sheep dry from above and good bedding to keep them dry underneath. The barn or shed should be kept free from drafts. It should be well lighted and have good ventilation. A

basement barn is not well suited for ewes lambing.

It is of the greatest importance to give the pregnant ewes all of the exercise possible whenever the weather permits. This insures a stronger crop of lambs and makes it easier for the ewes to deliver their lambs. This exercise can easily be given the ewes by spreading hay for them out in a field. Should the snow be deep a path may be made by using a device made by fastening two planks together in a V-shape, drawn by a horse. The driver stands on the planks. It is easy to make a path thru the snow in this manner for the sheep to travel in. However, during rainy days or snowstorms the flock should not be turned out. Their fleece would become wet, causing coughs and colds, possibly turning into pneumonia.

The average gestation period of breeding ewes is 146 to 147 days. The experienced sheepman provides himself with some movable hurdles 4 by 4 or 4 by 5 feet for possible use with

ewes lambing. These are put up beside the barn to make lambing pens. In these are quartered the lambing ewes to avoid the common trouble—ewes disowning lambs. After a few days these ewes are taken out and others put in. Occasionally some ewes have their udders so covered or matted in wool that the lamb cannot find the teat. In such a case the wool should be clipped from the udder. Or perhaps the wax in the end of the teat must be squeezed out to enable the lamb to get the milk.

A lamb which may have had a hard time in birth and looks almost lifeless often can be revived by cleaning out the phlegm in its mouth with the fingers, then blowing into its mouth several times, and finally placing it on the floor belly down and beating with two hands on each side in the heart girth. If lung action does not start, repeat blowing in the mouth and beating with the hands. If any life is left, lung action may be started and the lamb may be saved that might be lost.

A chilled lamb may be revived by placing it in a pail of warm water clear up to its head. The water should be as warm as the hand can stand. Leave lamb in the bath for about five minutes, then rub it dry with a piece of woolen cloth and keep near a warm stove until it has fully recovered. Some milk should be milked from its mother and fed with a spoon to give it strength. After the lamb regains its strength it should be placed again with its mother. If the lamb should show signs of constipation, 2 teaspoons of castor oil may be given it.

If a lamb should die the mother may become a stepmother. The dead lamb should be skinned and its pelt tied over another lamb from an ewe which perhaps has two lambs, and given to the stepmother to raise. In this way an ewe can be induced very easily to own another lamb which is not her own.

Caring for Motherless Lambs

The skin, however, should not be left on this adopted lamb longer than 48 hours. Another way, slower, however, is to hold the ewe several times a day and night for about four or five days to let the lamb suck on her. After the milk has been circulated thru the body of the lamb the ewe will own it, and there will be no further trouble.

It is a good plan to examine all newly lambed ewes twice daily for a few days to make sure that all the milk has been taken out by the lamb or lambs, so that the udder does not become spoiled. If there should be a surplus it should be milked out.

Ewes which are heavy milkers might not be given any grain for 3 days after lambing in order to avoid milk fever. After this period they may be slowly started on grain again. It is well to tag the ewes at this time to prevent the young lambs from biting off and swallowing locks of wool which likely would lodge in their small intestines and cause death.

In grade flocks all male lambs should be castrated. Grade rams never should be used for breeding. Castration should never be overlooked because it increases the market value of the lambs to a great extent. This operation, which is so often neglected by flock-owners, is not at all dangerous if properly handled by any ordinary person.



If the Right Care is Given at Lambing Time the Farm Flock Will Go into the Spring in a Vigorous and Most Satisfactory Condition

A Home That Apples Built

By Raymond H. Gilkeson

FRED BURRE, a Leavenworth county orchardist, found time to build the kind of home he wanted. His working hours are filled almost completely with the business of caring for the orchards he controls, but he had an idea of what a comfortable home should be and one of his pet ambitions was to make that a reality, so he got busy.

The house is a two-story, 10-room structure, stucco finish and very pleasantly proportioned. Inside finish is mostly oak, with hard wood floors throughout. A handy kitchen, library room, and Mr. Burre's office room are features that cannot be overlooked.

Large Hall Divides the House

A hall at the front and center of the house separates the dining room and living room. The stairway to the second floor is in this hall. French doors open from the living room into the library, while the office connects with the dining room.

No city home could be more comfortable than this one, for everything is strictly modern. A farm power plant supplies the electricity for lights, electric washing machine, electric iron and various other appliances. A hot water heating system keeps every nook and corner comfortable in cold weather, and an automatic system carries both hot and cold water to the bathroom and kitchen.

"I built the house in 1921," said Mr. Burre, "when the fruit crop wasn't anything to brag about, but the apples already had paid for it. I drew the plans and did most of the work myself. I know it was done to suit me. My home, including every modern convenience and the power house and wash room, cost me \$3,300 and every hour

I could spare over a period of 10 months, but it is worth every cent and every bit of effort put into it."

These Holsteins Have Size

BY J. T. HUNTER

SPECIALISTS told O. S. Andrews that he might regain his health if he left New York and went to Kansas, but that recovery was doubtful. Mr. Andrews reluctantly gave up his job. For 20 years he had been a member of an orchestra and knew little else than music. He broke away and landed at Greeley, Kan.

That was 16 years ago. Shortly after his arrival at Greeley he married Miss Hattie Weld, a teacher in the Greeley

schools. She had taught 16 years and like Mr. Andrews had little worldly goods from her long years of serving the public. They tried farming a small, rough, unbroken place. They started with one horse and one cow. It was an uphill job. Disappointed in the price the local livestock buyer offered them for a yearling steer, Mrs. Andrews announced that henceforth they were going to produce something on that farm that they could sell directly to the consumer.

Straining their credit to the breaking point they bought three purebred Holstein heifers and a bull. They knew so little about what they were attempting that the bull they bought was closely related to the heifers. It was 10

years ago that they started to raise purebred Holsteins. There was a \$1,300 mortgage on the little farm and, as Mrs. Andrews expresses it, raising the money to buy a postage stamp was a matter of serious concern to them. Today the Andrews have a fertile farm, are out of debt, have several Liberty bonds, a snug little balance in the bank and a Federal accredited herd of more than 20 purebred Holsteins. Except the herd sire they have raised all their cattle, in addition to having sold a considerable number for breeding purposes.

Milk Cows of Good Size

One strikingly noticeable thing about this herd is the large size of the milk cows and heifers. The Andrews never get so anxious to realize immediate cash returns from milk and cream that the calf wants for milk. Every calf born on the farm gets milk until it is 15 months old.

Calves are not permitted to run together. Each calf has his own shed and pen. This insures each calf's getting his full allotment of feed and also prevents ear sucking.

The Andrews are elderly people that have not arrived at a state of comparative prosperity by any easy road. Their buildings and fences are just of the ordinary kind and have been constructed by hard work. Much of the lumber was sawed from native timber and the work was done by the Andrews. But the satisfaction that has come to these people is great. They did it themselves. They began at the bottom at an age when most people having faced such reverses would have accepted their condition as unchangeable thru their own efforts and would have gone mediocresly onward and not roused themselves to productive work.



Strictly Modern 10-Room Home and Power House Fred Burre, Leavenworth County, Built. He Drew the Plans and Did Most of the Work

Hens Do Farm Credits Act

Chickens Lift Mortgage, Wipe Out Wheat Debts and Establish Bank Account for William Disney, Ellis County Farmer

By J. C. Burleton

HENS are my creditors," said William Disney, an Ellis county farmer. "I owe them for my farm because they lifted the mortgage, wiped out the indebtedness I accumulated trying to grow wheat, and gave me a bank account."

Twenty years ago Disney bought 320 acres 4 miles east of Ellis. He undertook to grow wheat. In that he succeeded to some extent but he couldn't raise enough and sell enough to meet interest, taxes and make an appreciable reduction of his indebtedness.

"At first I raised wheat and nothing else. I kept at it for several years and then finally came to the conclusion that I could not pay for the land by selling wheat. I could not raise enough of it to play safe."

Cows and Poultry Paid Bills

Disney installed a flock of chickens and a few cows. His mortgage began to dwindle. The hens could not lop off impressive chunks of it at any one time but they kept pecking away. Disney believes that if he had continued planting a large acreage of wheat in the hope of wiping out that mortgage in one grand swoop, he probably would be paying interest to this day, because it would have taken all the profits from the lucky crop to make up for the losses of lean years. The hens apparently took no account of lean years. They continued operations on the amortization plan payment of a little principal and a little interest every day. They passed Disney a farm loan act, and an intermediate credits bill without a dissenting squawk and issued daily debentures which boosted his credit rating up a little every time they cackled.

That certainly was gratifying to Disney. He fed them well, because he believes that chicken profits depend on feed more than any other factor in egg production. When they finally wiped out the mortgage, they began laying aside a fund for Disney's old age and for the education and protection of his family. That's how chickens did the farm credits act on

Disney's farm and made it count.

He now is keeping about 400 hens. They receive a wide variety of feed and that is one of the secrets of the full egg basket. In the morning he gives them skim milk until they will hold no more. No other drink is permitted until noon. Then they receive water, and Disney opens the self feeders. These self-feeders are a delight to the hungry hens. Such a variety of delicacies they do find in the hoppers! Ground oats, corn, barley, bran and maybe shorts trickle down under the impact of hunger impelled

bills. Then when the skim milk runs, short, there may be meat scrap or tankage in one of the compartments. The hens appreciate the change. When the weather is cold they receive a warm mash, moistened with milk.

Disney ships his eggs to Denver. Prices net him, after paying for the case and the expressage, 8 to 10 cents a dozen more than he can get locally. Before he found the Denver market, he shipped to Kansas City. During months when prices are high, egg sales amount to about \$85 a month.

His poultry house consists of a cave

and two wings. The cave, 16 by 40 feet, and one wing, 14 by 100, are used as a laying house and roosting place. The other wing, 12 by 40 feet is used as a scratching shed. Windows are placed low. The front above is open but may be closed in severe weather by a muslin curtain. At right angles to the scratching shed is a long building which serves as a windbreak, so that the corner where the hens exercise in winter usually is warm.

"I worked on cows about 6 years before I could make much out of them," said Disney. "They and the chickens make a mighty good combination and I finally brought them to profitable production. During October eight cows produced \$113.40 worth of cream. In addition the chickens received 5 gallons of milk a day, eight calves had all they could drink and two hogs had enough milk to balance their fattening ration. That makes my dairy project mighty profitable."

Returns Big Profits

Last year those eight cows returned him more than \$100 a month half the year. He built up the herd on a red cow foundation by using a good bull. He selected calves from the best milkers for replacement. He holds his herd at about that number constantly because the chickens demand so much time that he could not keep more cows without hired help, and that is what he wishes to avoid. The cows are bred to calve in September. That gives flush production in winter when cream prices are high. In summer when feed crops and harvest demand attention, he turns the herd dry.

He raises as much feed for both cows and chickens as he can. The cows receive barley chop and kafir and all the oats and barley straw they will consume. The night roughage is millet hay. Disney raised 1,000 bushels of barley last year. He considers it one of the best dairy grains available and an excellent poultry feed.

Cockerels from the flock are sold for breeding. Those which are not desirable for that purpose are sold as fryers and broilers in spring.

She Likes White Feathers

BY M. N. BEELER

ONE of the state's progressive farm women, Mrs. J. B. Chenoweth, who lives a mile north of Gove, Kan., has named her place, "The White Feather Farm." She specializes in White Rock chickens, White Holland turkeys, White Embden geese, White African guineas, and White Cochins bantams. She is looking for a white Collie to complete the color scheme. Her husband keeps "Black and White" cattle, Holsteins.

Mrs. Chenoweth has been breeding White Rocks about 25 years and her flock now totals 250 birds. The White Embdens were established 8 or 10 years ago and she has 16. The White Hollands, of which she keeps 75, she has bred for 17 years. The bantam and guinea flocks, 25 and 60 birds respectively, were started 20 years ago. Returns from white feathered birds two years ago amounted to \$600 and last year to \$800.

She sells hatching eggs and breeding birds. Seven or eight breeding pens of the White Rocks are maintained. The farm consists of 160 acres. All feed except concentrates and mill by-products are produced at home.



This is Mrs. J. B. Chenoweth Who Advertises Her Business With White Feathered Flocks

Let's Grow More Legumes

By L. E. Call

THE development of the agriculture of Eastern Kansas depends largely on an increased acreage of leguminous crops.

The state needs every acre of every kind of legume that can possibly be utilized in order to increase the productivity of the soil. A permanent and successful agriculture calls for at least 1 acre of leguminous crops out of every 4 or 5 acres under cultivation. We must have this ratio to maintain the nitrogen supply of the soil and its productivity.

The Situation Today

What is the situation today? In 1922, with a total crop area in Kansas of nearly 21 million acres there were less than 1 1/4 million acres of leguminous crops. This was less than 6 per cent of the crop area. Further investigation shows that 72 per cent of this was made up of alfalfa. Where does alfalfa grow? On the richer soils of Central Kansas and on the creek and river valley land in the eastern part of the state. On these farms there is a well balanced cropping system, and on some the fertility is being maintained. What about the neighboring upland farms that are not growing alfalfa? It is on these farms that some leguminous crop must be introduced into the rotation.

Unless steps are taken speedily to plan cropping systems that do contain leguminous crops and that will supply nitrogen and help maintain the productivity of the soil, it will be impossible to continue to farm these lands at a profit. Shall Eastern Kansas repeat Northeastern Ohio history? Following the Civil War an equivalent of six average Ohio counties were taken out of cultivation because of

the failure of Red clover, the soil building crop on Ohio farms.

On fully 50 per cent of the land in Eastern Kansas alfalfa cannot be grown with the greatest degree of success without the use of phosphatic fertilizers and lime. On fully 25 per cent of this area it is impossible to grow alfalfa without lime. It is far too costly, both from the viewpoint of money and labor, to justify the investment required to lime this entire area. Alfalfa therefore will be limited in this territory to a few acres on each farm on which lime can be applied. The legume used in the rotation of crops will be one less exacting than alfalfa in its requirements for lime and phosphorus. The soybean is the most promising crop available for this purpose.

The value of a leguminous crop in a cropping system consisting chiefly of such crops as corn, kafir, wheat and oats, is not fully appreciated. The value of a legume used in this way was demonstrated last season on the experimental plots at the Kansas State Agricultural College Farm. Corn was grown on ground that had been treated in different ways during the past 13 years, with the following yields: Corn continuously, 26 1/2 bushels; rotation of corn, corn and wheat, 30 bushels; and a rotation of corn, cowpeas and wheat, 51 bushels.

The cowpeas in this rotation have been grown for hay and the entire crop harvested. We believe that soybeans could have replaced the cowpeas in this rotation with approximately the same results. Where corn was grown continuously, and in the

cropping system where only wheat and corn were grown, the corn burned out badly during August and apparently suffered for moisture, altho the summer at Manhattan was unusually favorable for corn. On the adjoining ground where cowpeas had been substituted for one crop of corn in the rotation, the corn remained green and apparently suffered little for moisture. The corn burned out on the ground that did not grow cowpeas because there was an insufficient supply of nitrogen in the soil. A lack of nitrogen is the cause of premature burning out of corn on many soils in Eastern Kansas. It is one reason why crops burn quicker on an old cultivated field than on sod ground. Increasing the supply of nitrogen and organic matter in the soil by growing leguminous crops in the rotation will enable other crops, and especially corn, to withstand long periods of dry weather.

If soybeans are to become an important crop in Eastern Kansas they must demonstrate their value for other purposes than that of adding nitrogen to the soil. Fortunately, soybeans have many uses. They may be grown for hay, silage, pasture or for hogging down and for grain for seed, manufacture of oil, and as a concentrated protein feed. There are many varieties of soybeans and in order to obtain the best result, a variety should be selected that is adapted to the soil upon which it is to be planted and to the purpose for which it is to be grown. Many growers have been disappointed with soybeans because they planted the wrong variety for their

immediate particular purpose or needs.

Soybeans will be found of great value for hay. Thousands of upland farms in Eastern Kansas produce no high protein hay. Such farms, if they are to become successful livestock farms, must have such feed. Soybean hay will supply it. Soybean hay, when well cured is fully equal to alfalfa in feeding value. Yields of soybeans varying from 1 ton to 3 tons to the acre can be obtained and the crop when harvested for hay, is removed from the land in time to prepare a seedbed for wheat by simply disking the soybean stubble. Thus a good crop of hay of high feeding value is produced and the land left at the same time in excellent condition for wheat or any other field crop that might follow it.

Leafy Varieties are Best

Vigorous growing leafy varieties of soybeans should be planted for hay. The Virginia and Wilson are two of the best varieties for this purpose. When soybeans are planted for hay they should be drilled in rows on well prepared seedbed and cultivated. The seedbed should be prepared by possible by fall plowing, or if the ground cannot be so plowed, by plowing in the winter or early spring. The ground should be thoroughly worked to kill weeds and the soybeans should not be planted until the late spring. At the Kansas State Agricultural College we have been most successful where planting was delayed until the last of May or the first week in June. Soybeans planted at this time grow rapidly and when drilled on a prepared clean seedbed will be produced with less labor for cultivation than when planted at an earlier

A Giant Who Works For You

There is a giant who works tirelessly to lighten the labor on the American farm, to make the farm more productive, and farming more profitable.

He is personified by the vast resources of the Ford organization, whose herculean labors are directed primarily toward lowering the cost and increasing the efficiency of Ford cars, Ford Trucks, and the Fordson Tractor.

The larger this giant has grown the lower the prices of Ford products have fallen, and the more valuable they have become from the investment standpoint as farm equipment.

To the farmer this has meant lower and lower farm costs, better arrangement of farming activities, more money crops, all with less effort and therefore with greater net profit—proof enough that it is to his interest to standardize on Ford equipment.

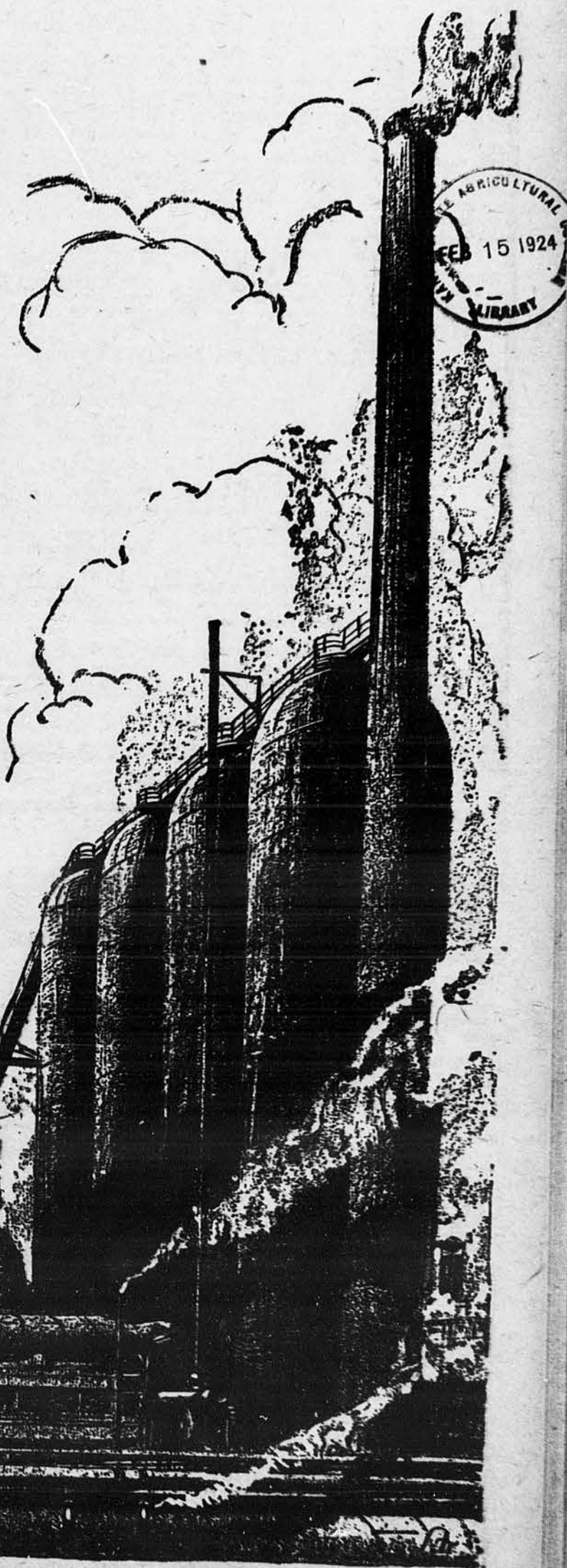
Ford Motor Company

CARS · TRUCKS · TRACTORS

Ask Any Ford Dealer



and River Rouge Blast Furnaces produce twelve hundred tons of iron a day.





Farmers! Here Is Your Own Borrowing and Investing System

THROUGH the twelve Federal Land Banks, farmers own and operate a huge national co-operative borrowing and investing business. Already, these Banks have resources of over \$880,000,000! They are supported by more than 4,500 local National Farm Loan Associations with a membership of nearly 300,000 farmers.

After paying the costs of operation and setting aside necessary reserves, all profits are returned to the borrowing farmers through their local associations. To date, over \$7,000,000 has been paid as dividends.

A Federal Land Bank mortgage need never fall due. It is gradually retired by the semi-annual payment of a uniform sum, equal to the interest on the amount borrowed plus $\frac{1}{2}$ of 1% of the loan. For example, the farmer with a mortgage of \$1,000 at 6% pays \$35 every six months. This includes the interest and a payment on the principal sufficient to cancel the loan in about 33 years.

When You Have Money To Invest

Every farm family should support their co-operative Farm Loan System by investing in Federal Land Bank Bonds. This can be started with a single Bond—\$40, \$100, \$500, \$1,000, \$5,000 or \$10,000—and increased as the money can be spared. These bonds are safe. No investor in them has ever lost a dollar. They are free from all taxes, except inheritance taxes. This applies to both principal and interest.

Should you need money quickly, these Bonds command a ready market, or your banker will accept them as security for a loan.

You can buy these Bonds from any Federal Land Bank or from the Fiscal Agent at Washington, D. C. The Bonds will be sent by registered mail. All correspondence confidential. Remember that the words "The Federal Land Bank" appear at the top of every Bond issued by a Federal Land Bank.

Write today for "Federal Farm Loan Board Circular No. 16." It's free.

If you desire a Federal Farm Loan, apply to the Secretary-Treasurer of the nearest National Farm Loan Association. Ask your County Agent for his address.

The Federal Land Banks are located at

Springfield, Mass.	St. Louis, Mo.	Louisville, Ky.	Columbia, S. C.
New Orleans, La.	Berkeley, Cal.	St. Paul, Minn.	Houston, Texas
Wichita, Kansas	Omaha, Nebr.	Baltimore, Md.	Spokane, Wash.

Fiscal Agent

FEDERAL LAND BANKS
Washington, D. C.

THE CROSS-CUT

By COURTNEY RYLEY COOPER

(Copyrighted)

That was enough. The sheriff reached for his keys. A moment more and a steel door clanged upon the two men while the officer led the way to his motor car. There he looked quizzically at Anita Richmond, piling without hesitation into the front seat.

"You going too?"

"I certainly am," and she covered her intensity with a laugh, "there are a number of things that I want to say to Mr. Maurice Rodaine—and I haven't the patience to wait!"

Bardwell chuckled. The doors of the car slammed and the engine roared louder than ever. Soon they were churning along thru the driving snow toward the great buildings of the Argonaut Tunnel Company, far at the other end of town. There men awaited them, and a tram motor, together with its operator—happy in the expectation of a departure from the usual routine of hauling out the long strings of ore and refuse cars from the great tunnel which, driving straight thru the mountains, had been built in the boom days to cut the workings of mine after mine, relieving the owners of those holdings of the necessity of taking their product by the slow method of burro packs to the railroads, and gaining for the company a freight business as enriching as a bonanza itself. The four pursuers took their places on the benches of the car behind the motor. The trolley was attached. A great door was opened, allowing the cold blast of the blizzard to whine within the tunnel. Then clattering over the frogs, green lights flashing from the trolley wire, the speeding journey was begun. It was all new to Fairchild, engrossing, exciting. Close above them were the ragged rocks of the tunnel roof, seeming to reach down as if to seize them as they roared and clattered beneath. Seepage dripped at intervals, flying into their faces like spray as they dashed thru it. Side tracks appeared momentarily when they passed the opening of some mine where the ore cars stood in long lines, awaiting their turn to be filled. The air grew warmer. The minutes were passing, and they were nearing the center of the tunnel. Great gateways sped past them; the motor smashed over sidetracks and spurs and switches as they clattered by the various mine openings, the operator reaching above

him to hold the trolley steady as they went under narrow, low places where the timbers had been placed, thick and heavy, to hold back the sagging earth above.

Three miles, four, five, while Anita Richmond held close to Fairchild as the speed became greater and the sparks from the wire above threw their green, vicious light over the yawning stretch before them. A last spurt, slightly down-grade, with the motor pushing the wheels at their greatest velocity; then the crackling of electricity suddenly ceased, the motor slowed in its progress, finally to stop. The driver pointed to the right.

"Over there, sheriff—about fifty feet; that's the Reunion opening."

"Thanks!" They ran across the spur tracks in the faint light of a dirty incandescent, gleaming from above. A greasy being faced them and Bardwell, the sheriff, shouted his mission.

"Got to catch some people that are making a get-away thru Center City. Can you send us up in the skip?"

"Yes, two at a time."

"All right!" The sheriff turned to Harry. "You and I'll go on the first trip and hurry for the Ohadi road. Fairchild and Miss Richmond will wait for the second and go to Sheriff Mason's office and tell him what's up. Meet us there," he said to Fairchild, as he went forward. Already the hoist was working; from far above came the grinding of wheels on rails as the skip was lowered. A wave of the hand, then Bardwell and Harry entered the big, steel receptacle. At the wall the greasy workman pulled three times on the electric signal; a moment more and the skip with its two occupants had passed out of sight.

During the Long Wait

A long wait followed while Fairchild strove to talk of many things—and failed in all of them. Things were happening too swiftly for them to be put into crisp sentences by a man whose thoughts were muddled by the fact that beside him waited a girl in a whipcord riding suit—the same girl who had leaped from an automobile on the Denver highway and—

It crystallized things for him momentarily.

(Continued on Page 16)

Anthony Fence

THE longer a fence lasts, the less it costs per year. On this basis, Anthony Fence is the most economical fence. At the same time, it affords utmost protection to stock and crops and renders a never-failing, every-day, dependable service—at little or no upkeep outlay.

Hang your fence on Arrow T-Steel Fence Posts and secure stronger, straighter, better fences. Larger anchor plates lock the post firmly into the ground. Frequent notches permit every line wire to be attached.

At dealers everywhere.

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KANSAS FARMER AND MAIL & BREEZE, TOPEKA, KANSAS.



We've Saved It for a Rainy Day—So Let's Use It



Expect more than long wear *in a HOOD boot or shoe*

Help your feet—they are moving something like 85 tons a day for you

IN ordinary walking a man will do better than 60 steps a minute. Say you average for the day only 2 steps a minute, and that you are on your feet 8 out of the 24 hours. This is 960 steps, and if you weigh 180 pounds, your feet will have moved more than 85 tons for you by the time evening comes.

The HOOD Red Boot

It may be interesting for you to take your own weight and estimate about how much hauling you require your feet to do each day. Perhaps some nights your feet will tell you this without any figuring on your part.

Whatever the task, do you know that it all comes upon the big muscles of the feet, and that these muscles are kept fresh by a supply of blood through the main arteries of the feet?

Cramp the muscles, restrain the flow of blood, and early fatigue results. This "done up" feeling is not confined to the feet—muscle, nerve and artery of the foot have their bearing upon the entire system.

This is why we have so often said that the appearance of a boot or a shoe, or the first try-on can give you no indication of its comfort day in and day out—of how much it can save your strength.

Hood footwear, in design and in the placing of all its reinforcements, protects the muscles and the arteries of the feet. It is scientifically constructed for comfort as well as long wear.

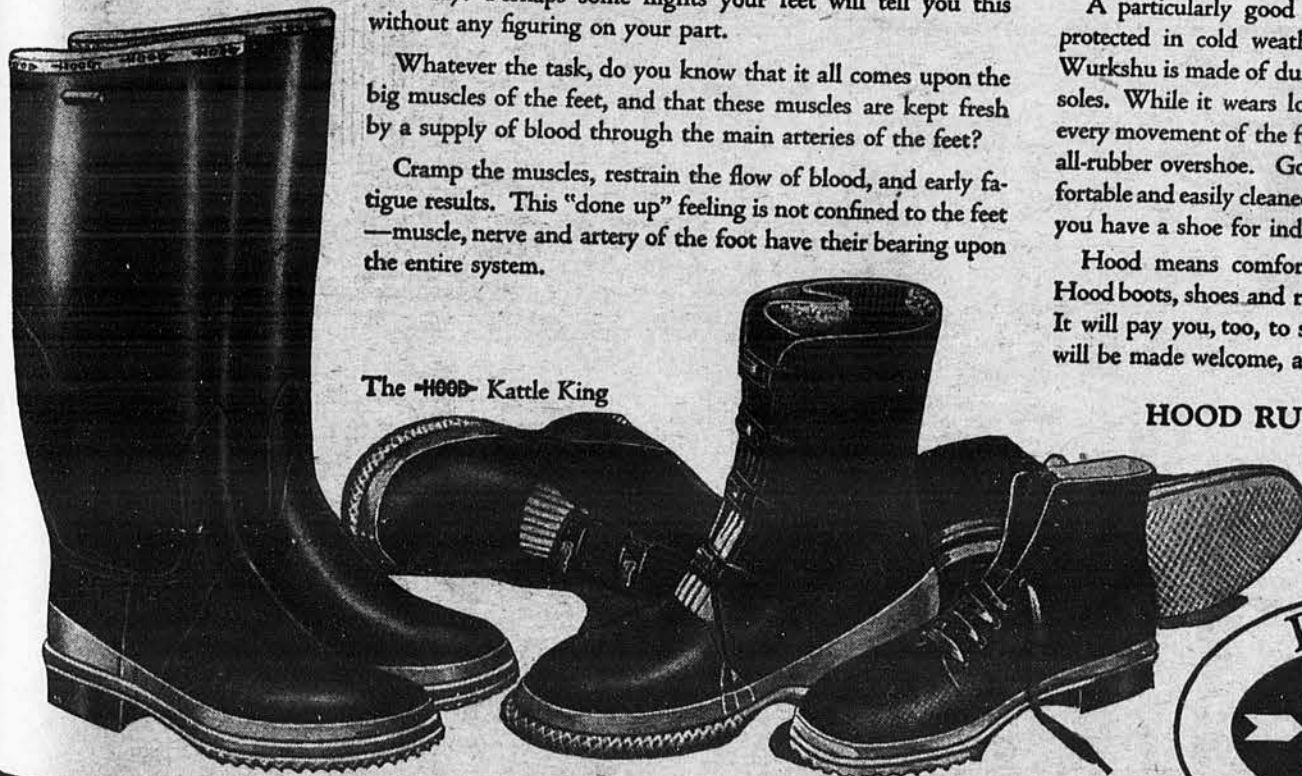
A particularly good combination is the Hood Wurfshu, protected in cold weather by the Hood Kattle King. The Wurfshu is made of durable brown duck, with tough tire-tread soles. While it wears long, it is flexible and gives freely with every movement of the foot. The Kattle King is Hood's special all-rubber overshoe. Good for months of service, warm, comfortable and easily cleaned. When you take off the Kattle Kings, you have a shoe for indoors as comfortable as a slipper.

Hood means comfort as well as economy, and there are Hood boots, shoes and rubbers for every member of the family. It will pay you, too, to stop where Hood shoes are sold. You will be made welcome, and the line gladly shown.

HOOD RUBBER PRODUCTS CO., Inc.
Watertown, Massachusetts
Write for the Hood Buying Guide

The HOOD Kattle King

The HOOD Wurfshu



HOOD



*for every member
of the family*

Farm Organization Notes

Senator Capper's New Farm Bill Standardizes Products and Enlarges Market Service

BY JOHN W. WILKINSON

MUCH interest is being shown at present by Congressmen at Washington in the various relief measures proposed for the benefit of the farming industry. Associations of producers would be aided in various ways by the Department of Agriculture in obtaining and promoting better markets under a bill just introduced in Congress by Senator Capper, leader of the Farm Bloc.

Promotion of sound business practices, establishing uniform standards of products, arranging and maintaining adequate bases of inspection and classification, "registering of approved dealers" and maintenance of a market news service, are some of the methods outlined.

Financial Aid for Farmers

Plans for the organization of the 10 million dollar agricultural relief corporation will be perfected at a meeting of bankers and Government officials to be held within the next few days. Secretary Mellon of the Treasury Department announced last week at Washington. The Secretary was not advised whether the final meeting would be held in New York or in Chicago but said that representatives of the Government would be present.

C. L. Jaffrey, president of the First National Bank of Minneapolis, tentatively has been selected to head the 10 million dollar service corporation, according to New York members of the bankers' committee which met with President Coolidge in Washington recently.

Washington County Farm Special

A three-day trip of the Kanota Oats and Pure Seed Truck Special will be made thru Washington county, Kansas, under the direction of J. V. Hepler, the county farm agent, and specialists from the Kansas State Agricultural College on February 21 and 22. According to a recent statement of Mr. Hepler, stops will be made at most of the important points in the county where farmers will be invited

to be present to see the exhibits carried by the special and to hear addresses on farm subjects.

Kanota oats, adapted varieties of seeds, purity and germination of seeds, variety tests, seeds for sale, and bindweed control will be discussed by the county agent and H. R. Sumner, specialist in crops from the agricultural college. All farmers are being urged to bring samples of seeds for germination and purity tests.

Lone Elm Grange Elects Officers

The members of Lone Elm Grange in Anderson county recently held a big meeting and elected the following officers who were installed by Caldwell Davis of Bronson, overseer of the Kansas State Grange:

Andrew McAdams, master; J. M. Chapman, overseer; J. B. Henderson, lecturer; Nan Bidwell, secretary; Will Adams, chaplain; John Anderson, steward; Mark Shockey, gatekeeper; Mrs. J. Klooz, Mrs. Jack Anderson and Mrs. A. McAdams, graces.

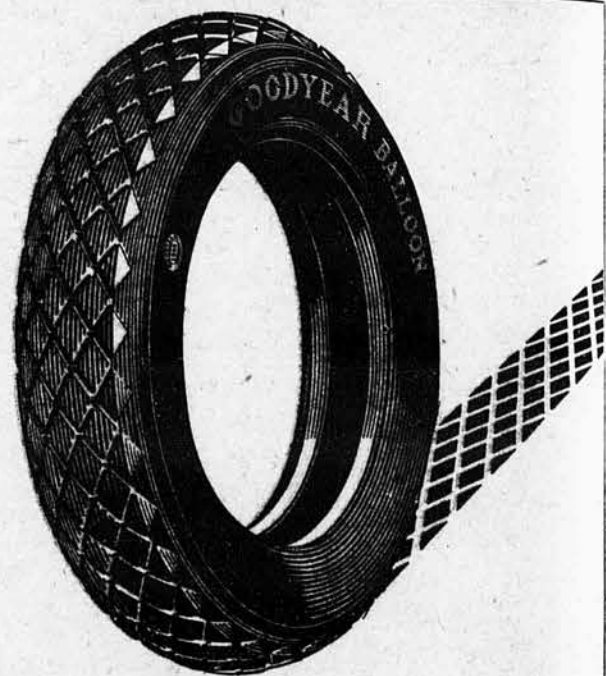
After the installation Mr. Davis delivered a short address on "What the Grange Has Accomplished."

Dates for Grange Meetings

State Master J. P. McMullen and State Lecturer C. C. Cogswell of the Kansas State Grange, have completed arrangements for a visit of O. L. Martin of Plainfield, Vt., national lecturer, who will spend the week of February 18 to February 23, visiting several of the Kansas Granges, as follows: Olathe, February 18; Indian Creek Grange Hall, 4 miles north of Topeka, February 19; Burlington, February 20; Chanute, February 21; Fredonia, February 22; Independence, February 23.

Beet Growers Much Encouraged

The Kansas sugar season is finished, but plans are already materializing for a greater 1924 season. Simultaneously with the closing of the Garden City beet sugar factory at the end of its best season, the Garden City Company announced it will guarantee



Goodyear is making balloon tires in the smaller diameter 20- and 21-inch rim sizes, of course. But what interests motorists today is, Goodyear is also making balloon tires to fit present rims on most cars in use. That means a big saving. And the name Goodyear, on balloon tires or on any other type, means supreme quality and dependability.

GOOD YEAR

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The Inner Sarcophagus

A Page of Fence History

PAGE

built
the FIRST
WOVEN WIRE
FENCE



J. Wallace Page

Way back in 1883 J. Wallace Page built the first woven wire fence ever made.

In those days the fence was woven by hand, and an order for fencing a feedlot looked as big as an order for fencing a county would look today. But fences don't come any stronger than that first one was, and twenty-one years later the owner wrote that it was still as good as ever.

Today big machines make Page Fence. It is shipped out by the carload and farmers in every corner of the globe who are looking for the most serviceable fence still find that there is nothing to equal Page.

If you want the most serviceable fence, get it from your Page dealer.

Page Steel and Wire Company
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Write today for Free Catalog and reduced prices on CURRIE Windmills, Feed Grinders, etc. Big Bargains in all styles and sizes we manufacture. **WINDMILL CO.** 7th & Holliday, Topeka, Kansas.

Capper Engraving
WRITE for PRICES ON CATALOGS & LETTERHEADS
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TOPEKA-WICHITA

\$5.50 a ton for the beets grown this year. In the season just closed the contract was \$5.

Lamar and other Colorado factory towns report the same raise in prices. Beets are contracted on a sliding scale. Last season's growers will continue to receive partial payments as the companies sell the product, their final total return depending on market price of sugar. The new offer of \$5.50 is the best ever made and assures a much larger acreage in half a dozen Southwest Kansas counties.

Wilson County Poultry Show

Fred Powell was selected to head the Wilson County Poultry and Pet Stock Association in 1924 at the recent annual meeting of that organization.

Associated with him will be: Carl Kessling, vice president; Mrs. Margaret Carter, secretary-treasurer; Mrs. Laura Ryan, assistant secretary; W. E. Carter, superintendent of the show; and G. A. Shutt, assistant superintendent.

These officers, with Charles L. Martin of Fredonia, Ralph Casebourn, G. C. Ryan, O. A. Schoonover, and Mrs. Blanche Shutt, will compose the board of directors.

The annual show will be held December 2 to 8, according to present plans.

Wallace County Sells Corn

Maybe Wallace county isn't a corn county, but it surprises even the natives when it is given out that 130,000 bushels of the 1923 crop of corn has already been shipped out of Wallace county and the end is not yet.

Shipments are being made every day, the corn going to Eastern Kansas, Missouri, Oklahoma, and Texas. At almost every farm house one sees great piles of corn in the open, and very few farmers have finished shucking. The price also has been very comfortable, ranging from 55 to 60 cents.

And that is the history of the 1923 corn crop in Wallace county. It has paid grocery bills, taxes, interest and lifted mortgages.

Farmers' Union in Anderson County

An all day meeting of the Anderson County Farmers' Union was held recently in Westphalia, Kan., and a very interesting session was held. The principal address of the occasion was delivered by John Tromble, president of the Kansas Farmers' Union. Mr. Tromble called attention to many of the farm problems of the day and stressed the need of co-operative action. One of the pleasant features of the occasion was a basket dinner served by the farm women who were present.

Will Run Potato Train

Kansas State Agricultural College will co-operate with the Union Pacific Railroad Company in conducting a potato demonstration train thru the Kaw Valley beginning February 18. The train will carry demonstration material and specialists on disease control, potato culture, grading and marketing. The first stop will be made at Edwardsville.

Coolidge Indorses Co-operatives

Indorsement of the co-operative movement by President Coolidge and addresses on various angles of the question marked the opening session of a three-day conference of the National Council of Farmers' Co-operatives.

tive Marketing Associations in Washington, D. C., last week.

President Coolidge, in his message to the conference, declared there was need also of co-operative organization among urban consumers. He advocated "an ideal toward which the larger co-operative movement of the country should aim."

Oklahoma Wheat Growers

Six hundred Oklahoma producers of wheat joined the Oklahoma Wheat Growers' Association during the month of January, officials have announced. About 501 new members were enrolled during December. The membership for the state now stands at 10,329 wheat growers. Acreage signed up is well over the 1 million mark.

Kansas Sheep Breeders Elect

At a meeting of the Kansas Sheep Breeders' Association held last week at the Kansas State Agricultural College, the following officers were elected for the coming year: President, R. T. Merritt, Haven; vice president, W. R. Browning, Fredonia; secretary, Prof. H. E. Reed, Manhattan.

Pass the 2 Billion Mark

Headings similar to the above have been prominent in the newspapers since the beginning of the year. According to estimates made by the Department of Agriculture more than 2 billion dollars of business was done by over 10,000 co-operative farm business organizations in 1923. About 90 per cent of the organizations were engaged in selling and shipping farm products and 10 per cent in the collective purchasing of farm supplies.

Now 8,000 Strong and Growing

Members of the Minnesota Potato Growers' Exchange, 8,000 strong, have won out. The success of the campaign is now guaranteed by the membership and acreage subscribed. "They" said it could not be done. But still the membership and acreage are increasing.

Colorado Dairymen Organize

An excellent organization and the first of its kind in the state of Colorado is the San Luis Valley Dairy Development Association, recently organized for promoting the expansion of the dairy industry in that territory, according to George E. Morton, state dairy commissioner.

Max Grandy, former cow tester with the Arkansas Valley Cow Testing Association, has been employed as fieldman. The association is guaranteed a life of at least five years, that being the length of contracts signed.

Linn County Farmers' Union

The Farmers' Union of Linn county held their annual convention in Centerville, Kan., recently, with a good attendance considering the bad condition of the roads. Much interest is being taken in this organization and some real constructive work is being done.

Smith L. Jackson of Garnett was the speaker of the day and made an able, instructive address.

Southwest Farmers Seek Aid

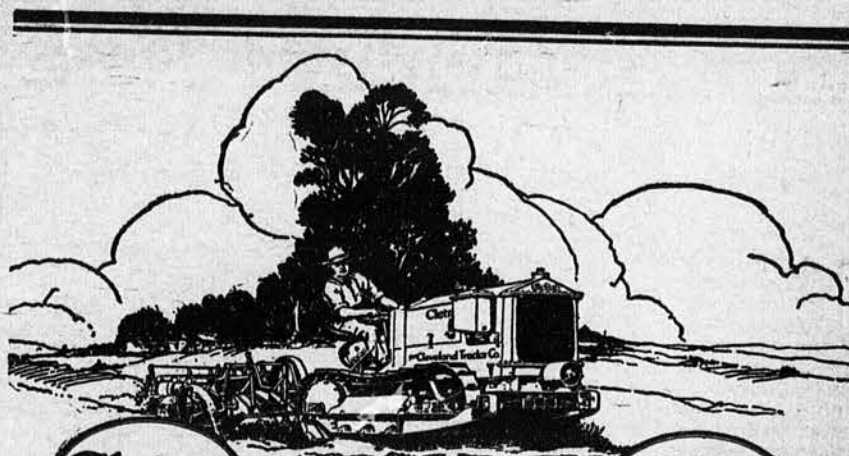
Immediate assistance to banks of the Southwest which are pressed for credit is being sought by Senator Bursum of New Mexico, who has introduced a bill in Congress proposing that 50 million dollars be made available to be lent to Southwest farmers thru the Comptroller of Currency for a period of three years.

Making Improvements This Spring? How to Save Half the Cost



ARE you contemplating any improvements in your home or on your farm in the near future? Are you one of the thousands who wish to know a little more about the various types of water systems, farm electric plants, sewage disposal plants and farm shop equipment?

If so, you will want a copy of the new booklet, "Farm and Home Mechanics," which has been prepared by the farm engineering editor. It contains a world of valuable information on various types of equipment and is just the thing to help you decide what you want to install in your home or on your farm. This booklet will be sent to you for 15 cents postpaid. As the supply is limited early action is advisable. Send your order with the money to The Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.



Cletrac

**A Better Tractor
A Lower Price**

\$1270

F. O. B. FACTORY

12-20

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KANSAS STATE AGRICULTURAL COLLEGE
FEB 15 1924

CLETRAC'S crawler construction, its suitable size, great pulling power, simplicity and economy of operation all appeal to the farmer. The broad tracks with which Cletracs are equipped furnish plenty of traction in any kind of soil—no miring down, no "digging in."

Cletracs, because of the broad tracks on which they travel, are noted for their splendid work in seed-bed fitting. Cletracs do not pack the soil.

The purchase of a Cletrac is an investment in a crawler tractor of a size best suited to the all-round power requirements on the farm.

Five millions of dollars in equipment and a big factory constituting upwards of five acres of floor space under roof signify the element of permanency back of Cletracs.

Cletracs, with these and many other advantages of crawler construction, are now offered at the above new low price.

Write for catalog and let us tell you more about the use of Cletracs.

THE CLEVELAND TRACTOR COMPANY

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Chase

BIW

Cultivator

Easiest to operate and most durable. Works equally well behind a one or two-row lister or a planter.

Quicker Action
than any other, because guiding mechanism is taken direct from axle and weight is on large wheels instead of small ones.

Shortest Hitch
of any cultivator—just 24 inches from clevis pin back to first shovel.

No Sliding Motion
anywhere in cultivator, as everything is on pivots, making it easy to operate. Can cultivate two rows with a Chase with no greater strain than with any one-row cultivator.

It will pay you to investigate the Chase. Write for circular and names of farmers who have used it.

CHASE PLOW CO., 710 West P St., Lincoln, Nebraska

**LIGHT WEIGHT
2-ROW**

All Weight on Large Wheels—
Only enough weight on the front wheels to make it run steady. Makes it lighter draft.

13,000 in Use
for from one to fifteen years, and we have practically no repair business. That speaks well for the stability with which the Chase is built.

By having the disc or listed corn attachments, the Chase Cultivator may be changed from a shovel cultivator to a disc or listed corn cultivator.

Oh, Boy! It's Given!

Get a Genuine Hamilton Rifle



Good news for boys—We have a limited number of excellent 22 calibre Hamilton rifles left over from a large shipment. Instead of selling them for cash we have decided to give a genuine Hamilton to each boy who will send us just \$4.00 worth of subscriptions to Kansas Farmer and Mail & Breeze. The subscriptions may be for a term of 3 months at 25c each, 6 months at 50c each or yearly subscriptions at \$1.00 each—just so your order totals \$4.00. Don't miss this chance to get a reliable Hamilton. Begin today. Address Kansas Farmer and Mail & Breeze, Rifle Dept., Topeka, Kansas.



The reliable and effective remedy for:

- Spavin
- Capped Hock
- Curb
- Splint
- Ringbone
- Thrush
- Quittor
- Windpuffs
- Poll Evil
- Fistula
- Sweeney
- Barb Wire Cuts
- Wounds
- Strained Tendons

"I've tried 'em all in my forty years of farming—there's no external remedy that can equal Gombault's Caustic Balsam for keeping horses sound. And it doesn't scar or discolor the hair."

A million successful treatments given each year. Directions with every bottle. \$1.50 per bottle at druggists or direct upon receipt of price.

ALSO GOOD FOR HUMAN USE
An excellent remedy for sprains, bruises, cuts, burns, sore throat, muscular and inflammatory rheumatism, sciatica and lumbago. The Lawrence-Williams Company, Cleveland, Ohio.

GOMBAULT'S
Caustic
BALSAM

Own a Profit Making Silo

The glazed hollow tile walls in a Dickey Silo are acid and moisture proof. Silage is kept in better condition both in winter and in summer. Heavy reinforcing is in every course. High quality accessories and latest improvements.

First Cost is the Only Cost. No repairs, no upkeep; no deterioration. Solid and substantial. Lasts a lifetime.

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W. & Dickey Clay Mfg. Co.
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Printed throughout in beautiful colors. Lots of western drawings—stump pullers, trail riders, etc. If you wear Cowboy Boots, Lace Boots or Sporting Boots send for this Catalog—Your copy is ready.

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\$1,000 Guarantee Send back of every order for Peters Soft Gelatine Swine Capsules. Your money back if they fail. Designed to prevent injury or lodging in pig's throat. A sure remedy. Every user a booster. Nothing else like 'em.

Peters Soft Gelatine Swine Worm Capsules

Defoliant results in 24 to 48 hours. Restores hogs to normal weight. Peters Soft Gelatine Swine Worm Capsules. Free Samples. Send at once for samples and copy of Peters Soft Gelatine Swine Worm Capsules. **PETERS SOFT GELATINE SWINE WORM CAPSULES CO.** 1621 W. 16th St., Kansas City, Mo., or DESK 22 244 The Stock Ex., Indianapolis, Ind.

Electricity for Our Farms

Committee Appointed to Make a Study and Full Survey of Uses for "White Coal"

BY FRANK A. MECKEL

ONE of the features of this year's Farm and Home Week at Manhattan was the gathering, at the call of Governor Davis, of the Kansas Committee on the Relation of Electricity to Agriculture.

With much of the engineering program for the week devoted to electrical development, it was strangely fitting that this committee meet during the week to outline a program for investigation in Kansas on this important matter of electricity as related to agriculture.

Governor Davis Appoints Committee

President Jardine was appointed temporary chairman by the Governor, and he asked Prof. H. B. Walker to act as temporary secretary. The members of the committee appointed by the Governor are, J. C. Mohler and Henry S. Thompson, of the Kansas State Board of Agriculture; President Jardine, Prof. C. E. Reed and Prof. H. B. Walker of the Kansas State Agricultural College; Prof. P. F. Walker of the State University; H. E. Witham and W. E. Hays of the Farmers' Union; W. P. Lambertson of the Kansas State Board of Administration; Ralph Snyder and John Kemmerer of the Kansas State Farm Bureau, Harry Umberger of the extension service of the Kansas State Agricultural College; C. J. Cox of the Kansas Wheat Growers' Association; Barton Needham and J. P. McMullen of the Kansas State Grange. This committee represents the chief agricultural interests of the state very well.

Committee for Power Companies

In addition to this committee, another was appointed by R. H. Timmons, president of the Kansas Public Service Association, to represent the public utilities and power companies of Kansas. The members of this committee were: W. W. Austin of the Inter-County Electric Company of Cottonwood Falls; L. O. Ripley of the Kansas Gas and Electric Company of Wichita; D. O. Vaughn of the Kansas Gas and Electric Company of Kansas City; C. L. Brown of the United Light and Power System of Abilene; Otto Theis of the Electric Service Company of Dodge City; C. A. Fees of the Kansas Power Company of Concordia; and P. B. Harbaugh of the Great Bend Water and Electric Company of Great Bend.

These committees met in joint session on the afternoon of February 5 and after a preliminary discussion, the chairman appointed a sub-committee to work out a plan of operation in Kansas to get at the real significance of the entire movement to place electric power on the farms of Kansas.

This sub-committee was made up of Ralph Snyder, J. C. Mohler, W. W. Austin, Barton Needham, W. E. Hays, L. O. Ripley, P. F. Walker and C. E. Reed. It met immediately and decided upon a permanent organization to be known as the Kansas Committee on the Relation of Electricity to Agriculture, with President Jardine as chairman, Ralph Snyder as vice chairman and H. B. Walker as secretary-treasurer. They recommended the appointment of an additional council of six members, and then recommended to the general committee a plan of action.

General State Survey Planned

The first consideration was to organize a general survey of the state in order to arrive at some definite conclusions as to where one or more good experimental communities can be located for actual study of electricity on the farm. The idea is similar to a plan now in operation in Minnesota where an actual dirt farming community has been chosen to act as an experimental section to ascertain the maximum number of economic uses of electricity on the farm. The plan is to have one or more similar communities in Kansas with the idea that the farm is the place to try this thing out rather than trying it out on the Kansas State Experiment Station Farm. The power companies have pledged their active support to this movement in a financial way and the experimentation is not to cost the farmers anything, this being financed from outside.

The committee further recommended that the survey should determine the present status of conditions electrically and also what profitable service electricity can be made to serve on the farm as well as what new service heretofore unknown or unpracticed, and also what industrial uses electricity can be put to on our farms.

This is a movement which will require a great deal of careful thought and study, as well as time. It can't be done in a month or a year or two years. There will be gradual developments and there will be new machinery developed as the movement progresses, but slowly and surely, electricity is coming on our Kansas farms. It has come into our great industrial centers as the best known power, and it is coming to our farms where power is just as essential as it is in the factories and shops. Some of our farms now are utilizing this "white coal" but comparatively few. More will follow suit as progress is made.

The first warm days of spring mean soap making.

Agriculture Needs a Stable Basis

FROM THE INDIANAPOLIS NEWS

WHATEVER improvement there may have been in farm finances in the last year has not been sufficient to put them on a stable basis. It may be that President Coolidge realizes that his recent suggestions for further private and Government assistance in the way of credits, particularly for wheat growers in Northwestern states, leave major phases of the problem untouched. Markets are needed that will absorb crop surpluses and have a beneficial effect on domestic quotations; and also steps to remove the disproportion between prices of agricultural products and manufactured commodities.

When a great productive enterprise, on which one-third or more of the Nation's population is directly dependent, finds itself in continuing straits, it is impossible for other industry to long escape more or less retardation. The National Association of Farm Equipment Manufacturers is one of the first to feel the influence. "The farm equipment manufacturer has also lost money," says a statement it has issued. "His volume of sales in 1922 was 53 per cent less than his sales in 1920." It is contended that this has occurred notwithstanding a keeping of farm machinery prices at a lower level than other lines, and that "if an average size binder was priced on a pound-for-pound basis with the average kitchen range, it would cost him \$350—and that would not take into account the complexity of the binder and the service that goes with it."

If farm implement manufacturers sell less than they normally should, they buy less of others who make what they need in their products. The latter, in turn, limit their activity proportionately. Any expansion, if not general and soundly based, does no more than simplify the fundamental problem, which in the last two years and more has been farming. Unless it is reasonably prosperous there is a lack of balance that imperils the whole economic structure. Continued declines in agricultural exports, particularly wheat, cannot be disregarded. Neither can maladjustment of prices.



It's Less Work This Way

If you are tired of the daily drudgery of pushing heavy wheelbarrow loads of manure through barn yard mud and slush, or up a narrow, slippery plank, of the time and monotonous effort that it takes to do this chore every month in the year—if you want to make it an easy job, do away with its drudgery and have time for more productive work or for rest—get a Louden Manure Carrier.

Built to Last a Lifetime

It's one of the most profitable pieces of equipment that can be installed in any barn. Takes out manure from 10 cows at one trip, and dumps it into pit, yard or spreader. Powerful worm-drive lifting device raises big loads easily. You can install the complete outfit yourself.

Leak-proof steel tub, welded to steel frame for greater strength. Load suspended squarely below center of track instead of on one side. Lift is directly vertical from each end of tub—does not bend ends of tub in. Roller bearing wheels run smoothly on Louden track which will carry double the load of any other track. Louden Manure Carriers installed 25 years ago are still giving daily satisfactory service.

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Louden Catalog—its 224 pages picture and describe more than 100 other labor-savers for the barn. Louden Barn Plan Book—a 112-page encyclopedia of extremely helpful barn-building information. Shows how to get a better all-around barn at less cost. Both books sent free to farmers upon request—no cost or obligation. Write for them today.

The Louden Machinery Company
222 Court St. (Est. 1887) Fairfield, Iowa

SAVES 1/2

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We want to send every farm owner a copy of our Fence Catalog that tells about the NEW Square Deal "Galvannealed" Fence which lasts 2 to 3 times longer in any test than ordinary fence and thus cuts your fence expense in two. Before you buy fence, get this FREE fence book and find out about the amazing new "Galvannealing" Process that puts a real rustproof covering on fence wire that sticks—does not flake or peel off.

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Jayhawker's Farm Notes

Many Farmers Plan to Sow Texas Red Oats This Year Because This Variety is Reliable

BY HARLEY HATCH

DRIVEN by the thought that possibly we might be sowing oats within the next 30 days, we tackled topping kafir this week and have finished the job. We intend to sow home grown oats on this kafir ground and will have to move the fodder before sowing. Aside from oats, kafir was our best grain crop last season, making about 20 bushels to the acre of good quality grain. We have it all stored in the head and will use the most of it for poultry. It will keep well in the head and if we do not use it all this summer we can carry it over.

Manure hauling goes well now, and the ground is in good condition, to carry a load. If there is no change in the weather, we intend to start the stalk cutter soon; while the double disk would handle the standing stalks pretty well, the stalk cutter handles them better and by using it we can make a much better seedbed for oats. If the stalks are cut, the ground will dry much quicker, too, if we have rain or snow before seeding time.

Texas Red Oats for Seed

Few farmers in this locality were fortunate enough to raise oats good enough for seed last year and as a result, most of the seed is being shipped in. For Texas grown seed of the Red Texas variety 85 cents is the price asked by some local dealers. We note that other Texas Red oats are offered for sale off the car for 75 cents. We suppose these are also Texas grown but the offer does not so state.

We were fortunate enough to raise our own seed. Our oats grew on well drained soil and did not freeze out as much as did most of the fields in this locality. A neighbor who had Kanota oats raised the best crop of any we have heard of; his oats made about 40 bushels to the acre and the quality is very good.

He had both Kanota and Texas Red, side by side, and the Kanota outyielded Texas Red by 10 bushels. He is thoroughly convinced that Kanota is far superior to any other variety for this country, and so good an object lesson did Kanota oats provide that he quickly sold all his surplus for \$1 a bushel and could have sold twice as much more. If the Kanota oats repeat this showing again this year we shall make a change to that variety, although two experiments are not always conclusive.

Osage Orange Posts Durable

A reader writes from Neosho county this week regarding the price of hedge posts here. He has cut down a long string of hedge and has a carload of substantial Osage posts to sell. We cannot say just what a car of such posts would bring here; the only posts we see sell are those offered at farm sales. Such posts sell readily; in fact, it may be said that good Osage posts are almost legal tender here and bids on them usually run from 15 to 18 cents each.

If this inquirer would put a small advertisement in the classified columns of this paper, we presume he soon would find a buyer. Osage posts have but one fault; the smaller ones will check and throw out staples to some extent but aside from that, they are the best posts one can buy.

If a young farmer, just making a start in life, will fence his farm with good sized Osage posts, I do not think he will live long enough to see any of them rot. In addition to their lasting qualities, they are the strongest wood that grows here and even a small post is almost impossible to break.

Small Farms in Demand

One of the largest dealers in real estate in Kansas informed me this week that land was still a very slow sale. The larger farms do not sell at all but there is considerable inquiry for small places of from 20 to 80 acres and fairly well improved. In other words, those who are buying land are buying merely for homes and not to make money farming.

This dealer also handles considerable

course, any sold at that price would be pasture land and not fit for farming.

Many farms are for trade but, as a rule, they are heavily encumbered and the one wishing to trade has but a small equity. As our friend expressed it, "Their equity is spread out so thin you can't see it." Land will not sell freely at fair prices again until farming becomes a profitable business.

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.

BUY HARNESS FROM MAKER
Save 15 to 25%
We Prepay Freight
Five or six ring halter, 1 1/2 inch best leather stock; only \$1.15 prepaid—Double hip strap breeching harness at great bargain. Write for Big Free Bargain Catalog of Harness, Saddles, etc. Buy direct. Quit paying high prices.
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District Salesmen
Wanted, all or spare time. Earn \$1500 to \$3600 yearly. We train the inexperienced. NOVELTY CUTLERY CO.
408 Bar St., Canton, Ohio

Where the Farmer's Dollar Buys the Greatest Value



IN some of the stores of any town the farmer's dollar buys the necessities of life; in others it buys physical comforts; in still others it buys pleasures. In the farm equipment store the farmer's dollar buys the means to make many more dollars. It buys the equipment which, like the land itself, is responsible for his progress and prosperity. When the farmer invests in modern farm machines, he is really buying clothing and education, electric lights, automobiles, radio outfits, etc., because these things are purchased with the money made by farm machines.

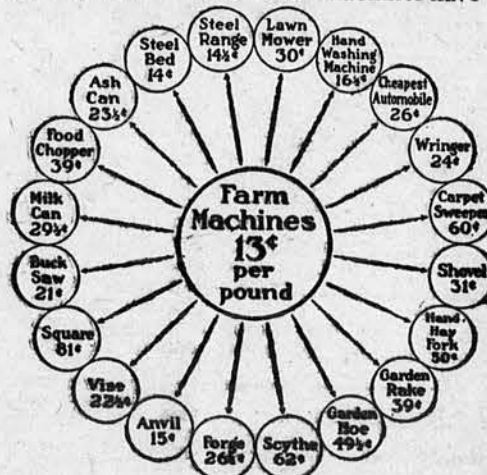
Of all the stores in town, the farm equipment store is the one where the farmer gets the greatest return for his money. This is true not only on the basis of the foregoing but it is found true also by comparing the prices paid by the farmer for different articles made of similar materials.

An interesting comparison has been made by the Research Department of the National Association of Farm Equipment Manufacturers. They took, first, a group of eleven basic farm machines: Sulky plow, peg tooth harrow, disk harrow, grain drill, corn cultivator, corn planter, corn sheller, grain binder, mower, hay rake, and farm wagon—and, second, a list of common articles used on the farm but not classed as farm equipment. Then they obtained the pound prices of these articles by dividing the retail prices by the weights. The pound-price basis is the only practical way to compare these articles and it is entirely fair since the materials go through the same machine shop and factory processes and are handled by the same class of labor. Freight to the dealer's store was not included, since it applies to all articles the farmer buys and varies with the distance from point of manufacture.

The chart below shows the prices per pound of the basic farm machines and other articles the farmer buys.

Ignore for a minute the low figure in the big circle and study the pound prices of the miscellaneous articles. You will see that they range all the way from 14 cents up to 39, 60 and even 81 cents per pound. Yet these are not high-priced goods; they are ordinary, everyday articles made of the same materials that go into farm machines, and the prices are accepted as fair by all buyers. The articles are of a standard line sold practically everywhere.

Now note the low average retail price per pound of farm machines. The average pound price of these basic machines and implements, needed by every grain-growing farmer, is less than the lowest in the other group. Some of these farm machines have com-



plicated parts in their makeup and all of them are built to stand years of hard use, yet the average price the farmer pays for these necessary farm machines is only 13 cents per pound.

The above comparisons, which can be duplicated in any community in this country, prove the statement that the farmer pays less money, pound for pound, for the machines that do his work than he pays for any other similar manufactured article he buys.

This shows what farm machines would cost if they were priced like other articles the farmer buys:

- A sulky plow, priced like a wringer, would cost about \$45 MORE
- A peg-tooth harrow, priced like a forge, would cost about \$30 MORE
- A disk harrow, priced like a buck saw, would cost about \$50 MORE
- A grain drill, priced like a food chopper, would cost about \$390 MORE
- A corn planter, priced like a forge, would cost about \$60 MORE
- A corn cultivator, priced like a vise, would cost about \$40 MORE
- A corn sheller, priced like a milk can, would cost about \$20 MORE
- A 7-ft. grain binder, priced like the cheapest automobile, would cost about \$200 MORE
- A 7-ft. grain binder, priced like an ash can, would cost about \$150 MORE
- A 5-ft. mower, priced like a lawn mower, would cost about \$80 MORE
- A hay rake, priced like a garden rake, would cost about \$110 MORE
- A wagon, priced like a hand washing machine, would cost about \$50 MORE

The National Association of Farm Equipment Manufacturers has issued several bulletins on subjects similar to the above. We will be glad to see that the full set is sent to those interested. Drop us a line.

INTERNATIONAL HARVESTER COMPANY

606 So. Michigan Ave.

of America
(Incorporated)

Chicago, Ill.

The Cross-Cut

(Continued from Page 10)

"I'm going to ask you something after a while—something that I've wondered and wondered about. I know it wasn't anything—but—"

She laughed up at him.

"It did look terrible, didn't it?"

"Well, it wouldn't have been so mysterious if you hadn't hurried away so quick. And then—"

"You really didn't think I was the Smelter bandit, did you?" the laugh still was on her lips. Fairchild scratched his head.

"Darned if I know what I thought. And I don't know what I think yet."

"But you've managed to live thru it."

"Yes—but—"

She touched his arm and put on a scowl.

"It's very, very awful!" came in a low, mock-awed voice. "But—" then the laugh came again—"maybe if you're good and—well, maybe I'll tell you after a while."

"Honest?"

"Of course I'm honest! Isn't that the skip?"

Fairchild walked to the shaft. But the skip was not in sight. A long ten minutes they waited, while the great steel carrier made the trip to the surface with Harry and Sheriff Bardwell, then came lumbering down again. Fairchild stepped in and lifted Anita to his side.

The journey was made in darkness—darkness which Fairchild longed to turn to his advantage, darkness which seemed to call to him to throw his arms about the girl at his side, to crush her to him, to seek out with an instinct that needed no guiding light the laughing, pretty lips which had caused him many a day of happiness, many a day of worried wonderment. He strove to talk away the desire—but the grinding of the wheels in the narrow shaft denied that. His fingers twitched, his arms trembled as he sought to hold back the muscles, then, yielding to the impulse, he started—

"Da-a-a-gone it!"

"What's the matter!"

"Nothing."

But Fairchild wasn't telling the truth. They had reached the light just at the wrong, wrong moment. Out of the skip he lifted her, then inquired the way to the sheriff's office of this, a new county. The direction was given, and they went there. They told their story. The big-shouldered, heavily mustached man at the desk grinned cheerily.

"That there's the best news I've heard in forty moons," he announced.

"I always did hate that fellow. You say Bardwell and your partner went out on the Ohadi road to head the young 'un off?"

"Yes. They had about a fifteen-minute start on us. Do you think—?"

"We'll wait here. They're hefty and strong. They can handle him alone."

But an hour passed without word from the two searchers. Two more went by. The sheriff rose from his chair, stamped about the room, and looked out at the night, a driving, aimless thing in the clutch of a blizzard.

"Hope they ain't lost," came at last.

"Hain't we better—?"

But a noise from without cut off the conversation. Stamping feet sounded on the steps, the knob turned, and Sheriff Bardwell, snow-white, entered, shaking himself like a great dog, as he sought to rid himself of the effects of the blizzard.

"Hello, Mason," came curtly.

"Hello, Bardwell, what'd you find?"

The sheriff of Clear Creek county glanced toward Anita Richmond and was silent. The girl leaped to her feet.

"Don't be afraid to talk on my account," she begged. "Where's Harry? Is he all right? Did he come back with you?"

"Yes—he's back."

"And you found Maurice?"

Maurice Was Dead

Bardwell was silent again, biting at the end of his mustache. Then he squared himself.

"No matter how much a person dislikes another one—it's, it's—always a shock," came at last. Anita came closer.

"You mean that he's dead?"

The sheriff nodded, and Fairchild came suddenly to his feet. Anita's face had grown suddenly old—the oldness that precedes the youth of great relief.

"I'm sorry—for any one who must die," came finally. "But perhaps—perhaps it was better. Where was he?"

"About a mile out. He must have rushed his horse too hard. The sweat was frozen all over it—nobody can push a beast like that thru these drifts and keep it alive."

"He didn't know much about riding."

"I should say not. Didn't know much of anything when we got to him. He was just about gone—tried to stagger to his feet when we came up, but couldn't make it. Kind of acted like he'd lost his senses thru fear or exposure or something. Asked me who I was, and I said Bardwell. Seemed to be tickled to hear my name—but he called it Barnham. Then he got up on his hands and knees and clutched at me and asked me if I'd drawn out all the money and had it safe. Just to humor him, I said I had. He tried to say something after that, but it

An Amazing Fact

TO many people it may seem incredible that a habit so common as coffee-drinking can be harmful. Yet if your doctor were to enumerate the common causes of indigestion, headache, and run-down condition, he would be likely to mention coffee.

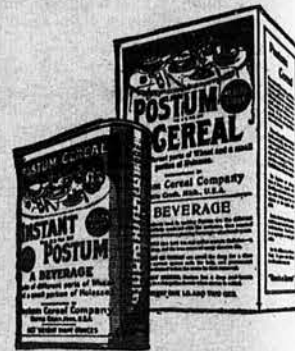
If you are troubled with insomnia, nervousness, or are inclined to be high-strung, try Postum in place of coffee for thirty days, and note the difference in the way you feel, and how much better you sleep.

Postum is a pure cereal beverage, absolutely free from caffeine, or any harmful drug.

Postum for Health

"There's a Reason"

Your grocer sells Postum in two forms: Instant Postum [in tins] prepared instantly in the cup by the addition of boiling water. Postum Cereal [in packages] for those who prefer the flavor brought out by boiling fully 20 minutes. The cost of either form is about one-half cent a cup.



Cal-to the Rescue with Four Tires and a Spare

Earn While You Visit



Did you ever stop to think that you can make your visits with friends and neighbors pay in a business way? We have many local subscription representatives—women, girls and men too—who send in orders nearly every week that they have secured in their spare time. Often just a word to a friend about some one of our publications results in an order. We pay well for work of this kind and will be glad to send you full particulars on request.

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It is our aim at an early date to have a reliable person in every town looking after new and renewal subscriptions for Capper's Weekly, Household and other Capper Publications. If you are interested in securing either part time or full time employment, fill out and return at once the coupon below.

Desk 50, Subscription Department, Capper Publications, Topeka, Kan.
Gentlemen: Please explain your plan for giving remunerative employment to local subscription representatives.

Name.....

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wasn't much use. The first thing we knew he'd passed out. That's where Harry is now—took him over to the mortuary. There isn't anybody named Barnham, is there?"

"Barnham?" The name had awakened recollections for Fairchild; "why he's the fellow that—"

But Anita cut in.

"He's a lawyer in Denver. They've been sending all the income from stock sales to him for deposit. If Maurice asked if he'd gotten the money out, it must mean that they meant to run with all the proceeds. We'll have to telephone Denver."

"Providing the line's working." Bardwell stared at the other sheriff. "Is it?"

"Yes—to Denver."

"Then let's get headquarters in a hurry. You know Captain Lee, don't you? You do the talking. Tell him to get hold of this fellow Barnham and pinch him, and then send him up to Ohadi in care of Pete Carr or some other good officer. We've got a lot of things to say to him."

An Interview With Squint

The message went thru. Then the two sheriffs rose and looked at their revolvers.

"Now for the tough one." Bardwell made the remark, and Mason smiled grimly. Fairchild rose and went to them.

"May I go along?"

"Yes, but not the girl. Not this time."

Anita did not demur. She moved to the big rocker beside the old base burner and curled up in it. Fairchild walked to her side.

"You won't run away," he begged.

"I? Why?"

"Oh—I don't know. It—it just seems too good to be true!"

She laughed and pulled her cap from her head, allowing her wavy, brown hair to fall about her shoulders, and over her face. Thru it she smiled up at him, and there was something in that smile which made Fairchild's heart beat faster than ever.

"I'll be right here," she answered, and with that assurance, he followed the other two men out into the night.

Far down the street, where the rather bleak outlines of the hotel showed bleaker than ever in the frigid night, a light was gleaming in a second-story window. Mason turned to his fellow sheriff.

"He usually stays there. That must be him—waiting for the kid."

"Then we'd better hurry—before somebody springs the news."

The three entered, to pass the drowsy night clerk, examine the register and to find that their conjecture had been correct. Tiptoeing, they went to the door and knocked. A high-pitched voice came from within.

"That you, Maurice?"

Fairchild answered in the best imitation he could give.

"Yes. I've got Anita with me."

Steps, then the door opened. For just a second, Squint Rodaine stared at them in ghastly, sickly fashion. Then he moved back into the room, still facing them.

"What's the idea of this?" came his forced query. Fairchild stepped forward.

"Simply to tell you that everything's blown up as far as you're concerned, Mr. Rodaine."

"You needn't be so dramatic about it. You act like I'd committed a mur-

der! What've I done that you should—?"

"Just a minute. I wouldn't try to act innocent. For one thing, I happened to be in the same house with you one night when you showed Crazy Laura, your wife, how to make people immortal. And we'll probably learn a few more things about your character when we've gotten back there and interviewed—"

Out Thru the Window

He stopped his accusations to leap forward, clutching wildly. But in vain. With a lunge, Squint Rodaine had turned, then, springing high from the floor, had seemed to double in the air as he crashed thru the big pane of the window and out to the twenty-foot plunge which awaited him. Blocked by the form of Fairchild, the two sheriffs sought in vain to use the guns which they had drawn from their holsters. Hurriedly they gained the window, but already the form of Rodaine had unrolled itself from the snow bank into which it had fallen, dived beneath the protection of the low coping which ran above the first floor windows of the hotel, skirted the building in safety and whirled into the alley that lay beyond. Squint Rodaine was gone. Frantically, Fairchild turned for the door, but a big hand stopped him.

"Let him go—let him think he's gotten away," said grizzled Sheriff Mason. "He ain't got a chance. There's snow everywhere—and we can trail him like a hound dog trailing a rabbit. And I think I know where he's bound for. Whatever that was you said about Crazy Laura hit awful close to home. It ain't going to be hard to find that rattler!"

Fairchild felt the logic of the remark and ceased his worryment. Quietly, as tho nothing had happened, the three men went down the stairs, passed the sleeping night clerk and headed back to the sheriff's office, where waited Anita and Harry, who had completed his last duties in regard to the chalky-faced Maurice Rodaine. The telephone jangled. It was Denver. Mason talked a moment over the wire, then turned to his fellow officer.

"They've got Barnham. He was in his office, evidently waiting for a call from here. What's more, he had close to a million dollars in currency strapped around him. Pete Carr's bringing him and the boodle up to Ohadi on the morning train. Guess we'd better stir up some horses now and chase along, hadn't we?"

"Yes, and get a gentle one for me," cautioned Harry. "It's been eight years since I've sit on the 'urricane deck of a 'orse!'"

"That goes for me too," laughed Fairchild.

"And me—I like automobiles better," Anita was twisting her long hair into a braid, to be once more shoved under her cap. Fairchild looked at her with a new sense of proprietorship.

Followed Instructions

"Daughter, did I not see you sitting on the young man's lap when I passed the parlor door last evening?"

"Yes, and it was very embarrassing. I wish you had not told me to."

"Good heaven! I never told you to do anything of the kind."

"You did. You told me that if he attempted to get sentimental I must sit on him."

Our Farm Management Problems

THOUSANDS of farmers in all parts of the country are reorganizing their business to bring about a better balance between their crop and livestock enterprises, the United States Department of Agriculture declares. Thru the farm management extension work of the department, livestock growers particularly are appreciating the importance of producing on the farm a properly balanced livestock ration instead of purchasing feeds in the open market. Farmers are also becoming more self-sufficient in the matter of food for the family whereas formerly much of the food consumed has been purchased, it is said.

The basis for the reorganization program is the keeping of simple farm accounts that reveal at once the weak spots in the business such as poor crop and livestock combinations, waste motion and inefficient use of labor, the department says. Mass meetings at which farmers are being impressed with the need for more efficient farm management to combat the high costs of production and marketing are being held wherever farmers can be assembled by the extension workers connected with state agricultural colleges and the Federal Department of Agriculture. The teaching of farm bookkeeping in rural grade schools so that the growing generation of farm boys and girls may have a better understanding of efficient farm management has been one of the striking developments of the movement.

Twin City Success World Wide



Mr. Hobbs' Fleet of 9 Twin City 12-20s At The End of a Season's Run

TWIN CITY TRACTOR

Duplicates Its American Success in England

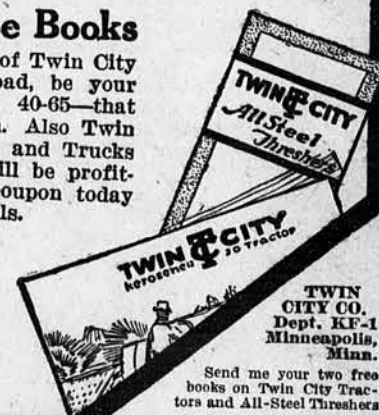
Mr. Leslie Hobbs of Steventon, Berkshire, England, bought his first Twin City Tractor at the Lincoln National Trials, September 1920. He chose the Twin City from among 14 English makes, 1 Swiss, 1 Canadian, and 10 other American made tractors!

The performance of Mr. Hobbs' first Twin City 12-20 sold him 8 more, and so at present he has a fleet of 9 Twin City Tractors working for him—further proof of the outstanding success of the Twin City in actual performance, year after year.

Send Today For These Books

Let the long and unexcelled record of Twin City Tractors, both at home and abroad, be your guide! Three sizes, 12-20, 20-35, 40-65—that fill every tractor need on the farm. Also Twin City All-Steel Thrashers in 5 sizes, and Trucks in 2 sizes. Twin City Machines will be profit-makers on your farm. Send the coupon today for catalogs giving complete details.

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Send me your two free books on Twin City Tractors and All-Steel Thrashers

"Built to DO THE WORK—not to meet a price"

Size of farm.....
Name
Address

Early Pigs Pay You Best

You can raise them in the warm, well-ventilated, CLAY "Sunlit" Hog House. These early pigs sold in September.

Double Your Profit

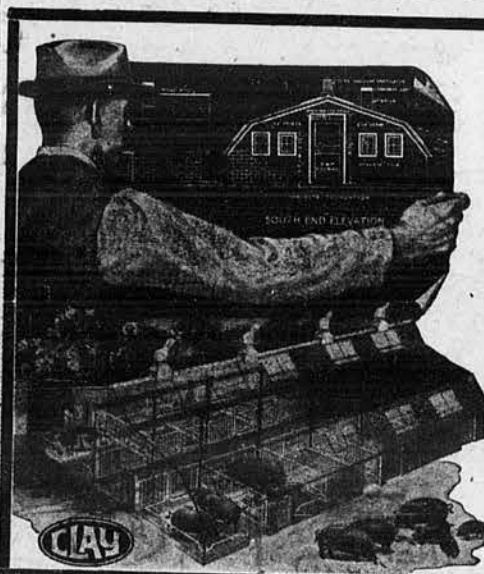
September prices average \$2.00 per 100 lbs. Higher than December prices. Hundreds of farmers are making this profit right now. Why not you?

100 Hogs Mean \$400 Extra Profit

This increased gain will quickly pay for the whole cost of a new modern swine barn. A building you can feel proud to own.

Write today for "Bigger Hog Profits," a book chock full of plans and ideas.

Iowa Gate Company
16th Street Cedar Falls, Iowa



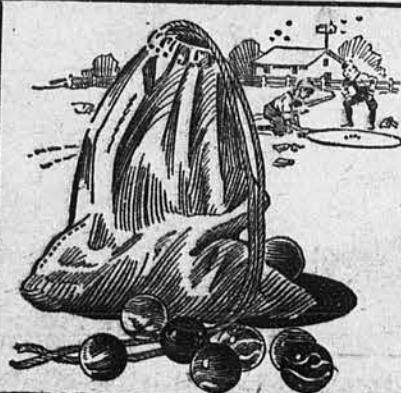
Boys! 25 Marbles

How would you like to have 25 Flint Agates all different colors? Can you imagine yourself kneeling down to a game of "Boston" with a hand full of marbles that will attract the eye of every boy? The minute the game starts, they will be anxious to get a shot at your marble. Each marble has a variation of several different colors and is just right size for accurate shooting.

SEND NO MONEY

I want every boy reader of this paper to have a sack of Marbles. Just send your name and address on a post card, and I will tell you how to get a sack of Marbles without a cent of cost. A few minutes' work on our liberal offer will bring you a sack of 25 Flint Agates. Not a Pottery in the bunch.

The Marble Man, 40 Copper Bldg., Topeka, Kan.



Just Among the Boys and Girls

THE garden was flaming with color,
From Lily to Hollyhock tall,
Who flaunted her delicate skirts
As she cried, "I'm the fairest
of all!"

But sweet Mignonette at the border,
Said, lifting her delicate face,
"What matter, so each of us fills
The best that she can her own place?"

To Keep You Guessing

Boys and girls you are welcome to send your favorite riddles for publication here. Withhold the answers to these and let somebody guess them.

What makes the street cars so crowded in Chicago? The passengers.
What makes a dog spotted? Spots.
What never was nor ever shall be? A mouse's nest in a cat's ear.

What does an elephant have that no other animal has? Baby elephants.

What is the next thing to man? His shirt.

Why does a dog turn around before he lies down? Because he can't turn around after he lies down.

Why can't we send any more dispatches to Washington? Because Washington is dead.

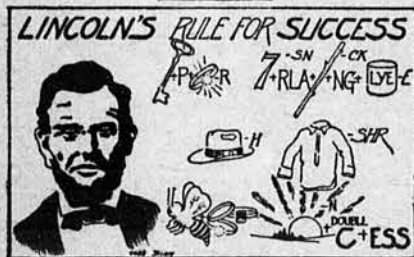
Another Riddle

Swift at your bidding, cold weather or warm,

Quick as the lightning in sunshine or storm,

Calling the doctor if you should be sick—

And all it can say is, "Clickety-click." (The telegraph.)



Lincoln had such a good rule for success that it would be worth every young person's effort to know it. He said—but you can find what he said by working out the pictures and figures above to make a sentence correctly. What is it?



Who is it speaks with such a roar,
He sounds like 20 guns at war?
Who is as brave as anything,
And rules the jungle like a king?

I used to think I knew I knew,
But now I must confess,
The more I know I know I know,
I know I know the less!

Complete the Cross

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____

1. A playing card.
2. Plump.
3. To mimic.
4. Something used to catch big fish.
5. A malady.
6. Broken.
7. A tree.
8. A number.
9. Grown-up boys.
10. An insect.
11. Something far above the earth.

12. Very bright.
13. To perceive with pleasure plus ment.

Fill in the dashes in the cross with the words defined. If you can do this correctly the middle vertical row of letters will spell the name of a paper you probably know about. Send the name of it to the Puzzle Editor, Kansas Farmer, Topeka, Kan. A package of postcards each for the first five correct solutions.

In Our Letter Box

I am 9 years old. I have four little sisters. We have two dogs and four kitties. The little dog's name is Fanny. She dances for us when we have something nice for her but she is very particular. Rosa Belle, Alice and I go to school. Mary and Naomi are not old enough to go. We girls like to climb trees and catch butterflies and watch the birds. We help Mamma too.
Scandia, Kan. Dorothy Jacobs.

I am 10 years old and in the fifth grade. My brother Robert is 13 years old and Donald is 8 weeks old. We have two dogs named Laddy and Mug-

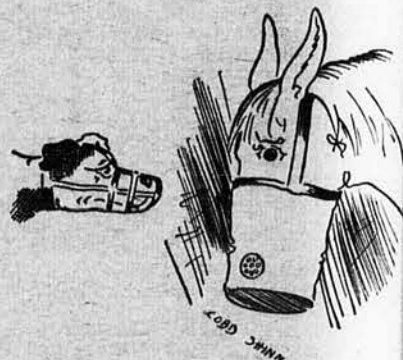
gins. They certainly are smart! When you are eating they come and put one paw on your knee and if you don't pay any attention to them they put both paws there. We live on a 235-acre farm. I should like to hear from some of you folks. Here is a tongue twister: Sammy specially selected sardines said Sarah Smith. Nelda McHugh.
Blue Rapids, Kan.

Who Am I?

I am the mother of all mankind;
Cut off my head and then you'll find I am the father of the human race;
With marks of sin across my face;
Another cut and when I'm released I am the mother of the beast;
Cut me again and I become
A word so small that I am dumb;
Another cut leaves me in tears,
For then I stand for a thousand years;
Go back and cut off my hands and feet,
And then my girlish name you'll meet.
If you can answer the above riddle send it to the Puzzle Editor, Kansas Farmer, Topeka, Kan. A package of postcards each for the first five correct answers.

The Who Zoo

You can find what animal we have in the Who Zoo (see elsewhere on this page) by cutting out the black pieces and pasting them together correctly. What is the name of the animal? For the first five boys or girls who can tell us, we have a package of postcards each. Send your answer to the Puzzle Editor, Kansas Farmer, Topeka, Kan.



Jerry: Don't you wish we had a home in the country where we could live like regular folks?



The Hoovers—It's Just as Bad to Cultivate a Mudhole as to Razz a Pedestrian

Health in the Family

Diseases Cost Every Community a Great Deal of Money That Very Easily Can be Saved

BY DR. CHARLES H. LERRIGO

IN THE old days it was not at all unusual for even a small community to have 50 cases of typhoid fever in a year. It was dolefully agreed that this "visitation of God" cost the average small place about \$20,000 a year, and that to this amount must be added \$4,000 for every adult death.

In late years some very ordinary physicians have so educated the people into taking care of themselves and their households that the scourge of typhoid has pretty well disappeared. If it shows its head to any marked extent nowadays we conclude that someone has blundered. We don't say so much about the "visitation of God," nor have I observed that anyone has given much credit to those very ordinary physicians for saving this \$20,000 a year.

Typhoid fever is only one of the diseases that has had its claws trimmed by the quiet, effective work of the every day physicians of the community. Scarlet fever does not rage as in the old days; even diphtheria is nothing like so rampant.

But there is still plenty of disease and no matter what its kind it has a financial side. It costs good, hard money. Don't think it costs you nothing because you have been lucky enough to keep well so far. It costs you money to have your neighbors disabled. If Bob Jones is ill with typhoid and help has to be hired to do his work, that means that you will pay more for help when you try to get it. If Jim Smith is so crippled that his family has to apply to the county commissioners for support, a portion of what is granted comes out of your pocket.

It is a well established fact that disease always causes financial problems and it is a mighty good investment of your money to pay doctors and nurses to keep disease out of your county.

When to Take Calomel

Please tell me how much calomel is a dose. B. F.

Calomel is a good medicine when it is needed and a bad one at other times. It never should be taken except when prescribed by a physician so I shall

not give you directions for its use. I suppose there are more people who do themselves damage with calomel than with any other medicine.

Remedy for Inflammatory Rheumatism

I have suffered since before Thanksgiving with inflammatory rheumatism. Will you kindly suggest a remedy or a blood medicine which will give relief? I am a farmer, consequently work out doors most of the time. Rheumatism is in my hands and wrists. I have had several treatments from our doctor, but still have pain in my wrists, thumbs, and fingers. J. M.

No blood medicine or other form of remedy is advisable until your doctor has made every effort to locate the source of the infection. Most cases of rheumatism are dependent upon a septic process somewhere in the body that sends forth poisonous strains to inflame the joints. Frequently the trouble is found to be in abscessed teeth, diseased tonsils, infected sinuses, or some similar focus of disease. The first thing to do is to locate and clean up this infection.

To Stop Snoring

Is there any cure for snoring? S. T.

There are a great many cures for snoring but few of them work in the confirmed snorer. In a young person it always pays to have a careful examination of nose and throat. It may be found that enlarged nasal turbinates, crooked septum or some other defect impedes free breathing thru the nose. Enlarged tonsils or adenoid growths may be a cause.

Enlarged Prostate Gland

Would you advise an operation to remove an enlarged prostate gland? I am 59 years old. I have stomach and intestinal trouble which helps to aggravate the prostate trouble. I never have had to use a catheter but sometimes have to be up three and four times a night. T. H. A.

I think that a man 59 years old who is in fair general health is doing himself a great injustice if he fails to get the advantage of an operation that will relieve this trouble. You may have 15 to 20 years more to live and your nights will be increasingly disturbed. The operation can be done by the use of a spinal anesthetic and in a matter of three weeks you have escaped from the misery you now suffer and will be in comfortable health for the rest of your life.

Where a Tractor Shines

BY FRANK A. MECKEL

TRACTORS are not exclusive plowing machines by any means according to the reports of a large number of farmers in Nebraska and Kansas. The folks in Nebraska list 37 different operations which they are performing with their tractors while the Kansas operators report that their tractors can be used on nearly 50 different jobs and we are sure that there are some jobs which were not listed.

So it might well be said that a tractor does not shine in any one capacity but it shines all over. However, when there is a job of road grading to be done, the tractor does shine in that one spot particularly. Road grading is heavy work and requires a great deal of power centralized in one small plant. Large horse teams will provide the power, but they are unwieldy and require a number of men for the best results in road work while one man can handle the tractor with its equal or greater power and do a better and a cleaner job.

This picture shows a tractor and grader with two men building a splendid road in Eastern Kansas. This outfit graded several miles of road a day and the cost to the county was practically nothing more than the labor of the two men and the price of a barrel of gasoline and a few gallons of oil. When the job was finished, the tractor went right back to its farm home and finished a piece of plow land.



JELL-O

— for neighborhood parties

You can make your tea parties, lunch parties, and supper parties always a sparkling success if you top off your menu with Jell-O. There is a smartly festive look about a Jell-O dish, and it tastes just as nice. It is prepared in a few minutes and set away several hours before your company arrives. You can make all sorts of fancy salads and desserts with Jell-O. Ask for a Jell-O Recipe Book.

"America's most famous dessert"

THE GENESEE PURE FOOD COMPANY, Le Roy, New York

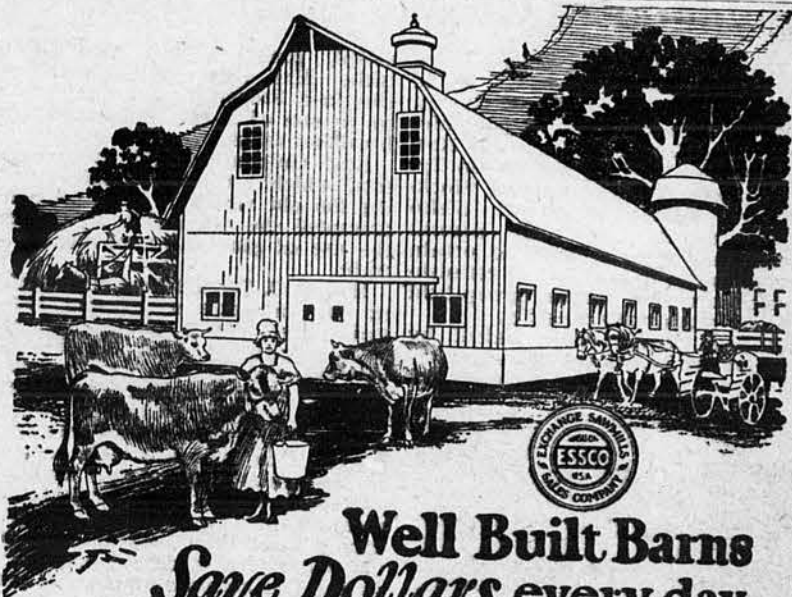
RECIPES

Imperial Salad

Drain juice from half a can of pineapple, add one tablespoonful of vinegar and enough water to make a pint. Heat to boiling point and add one package of Lemon Jell-O. Just as Jell-O begins to set, add three slices of canned pineapple, cubed, one-half can Spanish pimientos, shredded, and one medium size cucumber, salted and cut fine. Mould in individual moulds or in one large mould and slice. Serve with cream salad dressing.

New Manhattan Salad

Dissolve a package of Lemon Jell-O in a pint of boiling water and one teaspoonful vinegar. While it is cooling, chop one cup tart apples, one cup English walnuts, one cup of celery. Mix these ingredients, season with salt, and pour over them the Jell-O. Cool in individual moulds. Serve with mayonnaise or French dressing.



Well Built Barns
Save Dollars every day

From a business viewpoint, you know that a poorly constructed barn is unprofitable. It endangers the health and even the life of your stock. A well-built barn not only protects your stock but it proves a good investment through the many years of service it will give.

Many farmers are building barns with the idea of permanence, and are using only the best grades of lumber in construction. Gambrel roof barns and

Gothic roof barns are the prevailing types in general purpose, dairy or horse barn construction. A well constructed, well arranged, well lighted and well ventilated barn adds much to the farm and the health of the stock.

Barns, especially because of their size, should be built substantially and of dependable lumber. Essco lumber, properly manufactured and seasoned, is well adapted for farm building purposes. It is famed for its durability, density of grain, and great strength—all essentials in the construction of a lasting, permanent barn.

Ask your lumber dealer for Essco lumber products

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1116 Long Building, Kansas City, Mo.

I am interested in building a home, barn, hog-house, poultry house, garage, implement house, granary, handy helps. (Cross out the ones you are NOT interested in.) Send me free booklets.

Name

Street or R. F. D.

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State

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Dr. Caroline Hedger Principal Speaker on Program for Women

IT'S tricky—this Kansas weather of ours—not very considerate of our plans sometimes. Perhaps its ability to make the women folks unpack their suit cases and stay at home was best demonstrated Farm and Home Week, February 4 to 9. However, on Tuesday morning, Mrs. J. F. True and Mrs. Garfield Shirley, Rural Route 2, Perry, Kan., gave a most interesting demonstration under the leadership of M. Pearl Martin, Health Specialist, Kansas State Agricultural College.

Health in the Home was the subject. It is obtained via cleanliness, and these two women showed their audience how clean hands, clean door knobs, clean food, clean dishes, clean clothing and clean surroundings help make healthful homes and communities. I liked Mrs. True's ideas concerning the solving of the dish washing problem when giving community banquets, suppers and picnics. Greasy, gray dish water and badly soiled, wet tea towels do not mean sanitary dishes. So beside paper tablecloths and napkins, the organizations in this community use paper plates, sauce dishes and water cups to unravel the cleanliness puzzle and reduce the expenditure of energy.

There still remain the coffee cups and the silver beside some of the large vegetable dishes. It is the desire of the women to install 10 gallon lard cans fitted with wire baskets having a handle. The silver, the cups and the vegetable dishes will be placed in these baskets, lowered into the boiling

water, forced up and down several times and then hung on rods over the cans until all of the water has dripped from them. The silver and china will be thoroly cleansed and the labor of hand drying will be eliminated. And as Mrs. True said, "The women really can attend the program, too."

Bed Making for Invalids

Part 2 of the talk these women gave was devoted to making the invalid's bed. Two points that many times are forgotten by even the graduate nurse were emphasized. After turning a helpless patient on her side, remember to pull her hips back, for left in the position attained when the turning is done, they are likely to cause intense discomfort. Then, too, a helpless patient frequently is made to suffer because of the light shining into her eyes. "Shade them," suggested the demonstrators, "and you will gain the patient's lifetime gratitude."

I wish—oh! so much—that every girl and woman in Kansas could have heard Dr. Caroline Hedger of the Elizabeth McCormick Memorial Fund, Chicago, Ill. Dr. Hedger has devoted her life to the study of the child. She really began during her early teens when living on a farm in Western Kansas. It then fell to her lot to help farm the crops. The effect on her physical self, her complete exhaustion, and subsequent loss of vitality interested her. She studied medicine later and then practiced, successfully, many years. Since taking up her present work, many states have

been benefited by her wealth of experience, intensive study and sane, sound judgment.

To give her addresses—there were four—to you verbatim, is not possible but here are a few of her suggestions which I am wondering if parents think about as seriously as they should.

Are you so much in love with your child that whenever you look at him you can exclaim only about his beauty of features or winsome cunning ways? Or, are you so much in love with your child that you can stand back, look him squarely in the face and ask, "Am I preparing you, my child, for the long life haul ahead of you? Am I seeing to it that you are fitted with a sound body that will be able to cope with the 60 or 70 years of life that are your right?"

Several Things to Think About

Are you so satisfied with your child that you do not weigh and measure him regularly just to be sure that he is growing? Every child must make his optimum growth, it may be slow but it must be steady. "When a child stops growing before maturity, something is wrong—it is time to get busy," says Dr. Hedger.

Are you seeing to it that your child has three SQUARE meals a day AND A PINT OF MILK? Are you providing him with the rest that he must have if he is to become boss of his body when he is grown? Do you see to it that your children up to 6 years of age are in bed, asleep at 7 p. m.?

That those who are attending the grades are in bed, asleep at 8 p. m., and those in high school are in bed, asleep, at 9 p. m.? If you have a skinny child, do you see to it that he has two rest periods a day?

"Real Play is Essential"

If a child is to be ready for the long climb of life, he must have play—real play—not radio or motor car. Are your children required to struggle for a normal growth in an atmosphere of "nag and jaw"? Dr. Hedger says that can't be done any more than you can raise a garden in a hail storm.

Health is a balance of the body that makes it resist disease and if your child is to have health, he must be taught how to obtain that balance. Children cannot obtain normalcy if they are forced to endure thru unfavorable environment. How about the seats and desks in your district school? Do they fit your child? Or are his shoulders rounded because the desk is too low for his height? Is one of his shoulders higher than the other because his desk is too high and the shoulder of his penmanship hand is raised constantly?

And thus parents were guided by this remarkable woman and many were the comments of praise of those fortunate enough to hear her.

Every other number on the four-day program for women was helpful and those in charge are to be complimented on their wise selection of subject material.

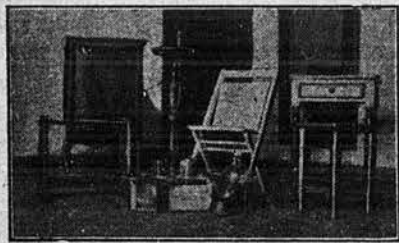
Mrs. Ida Migliario.

Wyandotte County Clubs Learn How Old Furniture May Be Dressed Up

A GROUP of women composed of Mrs. Harry Cook, Mrs. S. C. Davis and Mrs. Minnie Guinan of Welborn; Mrs. Robert McKenzie, Mrs. George Addison and Mrs. E. C. Drake of Piper; Mrs. Irene Tyson of Stony Point; Mrs. Ed Stockhoff and Louise Brune of White Church, representing their several communities, were selected to obtain information on the subject of refinishing furniture at a training group held in Wyandotte county recently.

The local leaders were trained by Mrs. Harriet W. Allard of the extension service of the Kansas State Agri-

cultural College. They are Farm Bureau women who are working under the leadership of Maude Coe, home demonstration agent. They will pass on to their neighbors the information they have obtained and will assist them in refinishing other pieces of furniture.



A Variety of Articles Were Refinished

Every leader brought a piece of furniture to be refinished so that various types of refinishing were demonstrated. Varnish was removed and paint, oil and wax finishes were replaced. Pieces of unusual interest were made usable or were made to fit into new surroundings.

Mrs. Harry Cook removed the stain and varnish from a leaf of a dining table. She did this by means of the lye method of removing varnish. After sand-papering, she replaced the old finish with a golden oak stain, oiling and waxing for the final results. Her table leaf was made to appear new and unscarred. She will complete the whole table with a similar treatment, having as a result, a

useful, practical and good looking table. Mrs. Cook painted and enameled in a French gray, a folding chair to be one of a set for use with her breakfast table.

Mrs. Guinan brought an oak pedestal which became new after replacing the old varnish. This piece also presented the problem of repairing by the use of glue and removing an old stain.

Mrs. S. C. Davis's time was spent on an oak taborette which was stained and waxed for a final finish with good results. A dark old foot rest was bleached and the dark oak stain replaced with a lighter stain, finishing with a waxed polish.

A most interesting piece was an old walnut stand or small table belonging to Mrs. Robert McKenzie. The stand was made by Mrs. McKenzie's father from walnut grown in Wyandotte county more than 50 years ago. This particular piece had seen hard service as the ink stains and charred places on the top testified, but when the table was exhibited as a sample of the refinishing work, no charred places remained nor sign of ink blots, but a lovely satiny finish of wax which showed the original grain of the old walnut. The ink stains were bleached by means of repeated treatments of oxalic acid, while elbow grease, patience and sand paper were responsible for the obliteration of the burned rings which had marred the top.

A music cabinet which was covered with slight scratches and scars was made new by freshening the old varnish with a treatment of rotten stone and raw linseed oil.

Already many old and interesting pieces of discarded furniture are being sought from garrets and store rooms in order again to take their place as an attractive and usable addition to the life of the home.

Mrs. Harriet W. Allard.

The Hotbed Pro and Con

To be able to have blooms early in the season, many gardeners advocate a hotbed. Personally, I believe that seeds planted directly in the soil as soon as the earth is warm with spring sunshine will produce stronger plants. Sometimes, when spring is very late, no doubt the hotbed is both desirable and necessary.

The plants become well started in the hotbed before May days come and if transplanted to the garden as soon as the frost leaves the ground, they will have a long blooming season. A hotbed need be neither expensive nor very difficult to make. A hole the desired size is dug, and the four sides boarded so closely that the earth cannot sift thru. Three feet will be deep enough. Stable manure should be packed in the bottom and if this is mixed with sand, there will be better drainage. The board at the back

should be higher than at the front. The manure should lie for a couple of weeks and then have the sand in a thick layer over it. When the bed is done, it should be within 8 or 10 inches of the top or sash.

When plants from the bed are to be transplanted to the garden, a little air should be given each day so the change will not be too sudden. The plants in the bed should be watered each day, and when it is sunny. A southern location is the proper one for a bed of this kind for it demands sunshine as well as protection from the cold winds. Sacks of leaves or straw placed over the sash at night will protect the plants.

When the bed is to be aired, lift the sash carefully so that no wind blows

IF WE don't go out looking for trouble, there's a chance that we might dodge it. "Sufficient unto the day" should be our philosophy in life.

directly on the plants, but air is an essential thing or there is danger of mildew. If the plants are in danger of getting too much sunshine, cover the sash with a dark cloth. If it is possible to use concrete in making a hotbed, it will be found much better for it has lasting qualities that boards do not have.

Mrs. Anna Deming Gray.

A Reader Writes to Us

If Mrs. R. T. will make her unbleached muslin curtains double they will exclude the light. I have double sash curtains made for my kitchen. Measure off enough for one curtain, then as much again of material. Hem both ends, fold double and stitch across for a heading or just make a casing to run a cord or a curtain rod. Press the curtains neatly before you hang them. Iron double when laundering. (Mrs. R. T. asked how unbleached muslin curtains could be made to exclude light.)

Miss F. Lincoln Fields.



Four Communities Are Represented by These Women Who Attended a Refinishing Furniture School in Wyandotte County Recently

Attractive New Wearables

Aprons and Dresses to Please the Most Fastidious of Housewives Are These Models

BY MRS. HELEN LEE CRAIG



1907—Smart Slip-On Dress. The closing is on the left shoulder and the cascade trimming is in two sections and stitched on the left side of front. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1863—Easily Made Apron. You could make an apron like this in a very short time. One size only.

1905—An Attractive Apron. The shoulder straps will stay "put." Sizes 36, 40, 44 and 48 inches bust measure.

1865—Neat House Dress. The sleeves are in one with the long waist. Sizes 34, 36, 38, 40, 42 and 44 inches bust.

1984—One Piece Dress. The closing is on the left shoulder. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Give size and number of patterns desired.

Women's Service Corner

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

Old Fashioned Ginger Bread

I'm taking this opportunity to thank you for all the helpful suggestions I've received from this column. Now I have a question to ask. Would you kindly print a recipe for old fashioned gingerbread, such as our grandmothers made?—Mrs. M. L. H.

Here is a recipe for gingerbread which I believe you will like.

1 cup shortening	1 tablespoon ginger
1 cup brown sugar	3 eggs
1 cup molasses	3/4 teaspoon salt
1/2 teaspoon cinnamon	2 1/2 cups flour
1 teaspoon cloves	1 teaspoon soda
1/2 teaspoon nutmeg	1 cup sour milk or buttermilk

Combine the shortening, sugar, molasses and spices. Place in a mixing bowl and set in a warm place near the range until the shortening is softened. Then beat the mixture with a spoon until it is light and creamy. Add the salt and eggs, beaten until light. Stir in the flour and soda which have been sifted together alternately with the milk. Beat or whip the batter until light, then pour into oiled pans and bake 45 minutes in a moderate oven. When cool, ice with a thick white icing. This recipe makes two loaves and gives the best results when a dark colored molasses and sugar are used.

How to Cook Dried Peas

Please print a recipe for cooking dried peas.—Mrs. S. S.

Wash the peas clean and soak overnight in cold water. Some cooks like to parboil peas in soda water, the same as they do dried beans. Put peas over the fire with a good pinch of soda in the water, bring to a rapid boil, then drain, add sufficient boiling water to the peas and boil slowly until done, using no more water than necessary. Do not add salt to the peas while they are boiling as this tends to harden them. When nearly done, they

may be seasoned with salt, pepper and butter or any other palatable fat and the liquid thickened. Some cooks let the peas boil almost dry and then add milk, butter and seasoning, the same as for corn.

To bake dried peas, soak them overnight in cold water to which a pinch of baking soda has been added. Next morning drain and put over fire with fresh boiling water, adding a few slices of salt pork. Boil slowly. About an hour before dinner, turn this into a baking dish, first seasoning to taste with salt and pepper and a very little sugar. The addition of about 1 cup of tomatoes and a finely minced onion makes a delicious dish. Bake 1 hour.

About Keeping Accounts

In keeping a home record of expenditures, a simple method should be employed. A general classification such as clothing, food, operating, shelter and general expenditures is a convenient plan, says Mrs. Harriet Allard, household management specialist at the Kansas State Agricultural College. Mrs. Allard has prepared for free distribution a home record book for women of Kansas.

A study of such a record will lead to the next step, that of planning a home budget. A budget or plan of spending would result in obtaining the best values for money spent, better spending habits, and a definite saving program, says Mrs. Allard.

A Laugh From Here and There

Some people, says the Local Gloom, would do anything for money. That's right, too. Some of us will even work for it.

It pleases a man to think that he knows all about women when the facts are, he knows just a few things about some women.

The man or woman who tells you that riches never appealed to him, that he does not care to be healthy, will lie about other things, too.

I think it is very unfair to ask a church member in good standing to connect up a stove pipe.



"—then my Dentist smiled and said 'Use Colgate's'

"After Dr. Stephens had cleaned my teeth, he held the mirror for me to see how white and pretty they were. They looked so nice and clean.

"My!', I exclaimed, 'I wish I could keep them that way.'

"Then my Dentist smiled and said 'Use Colgate's'."

* * *

Colgate's Ribbon Dental Cream is a secret of beautiful teeth. It "washes" and polishes—does not scratch or scour. It brings out and preserves all the natural beauty of your tooth enamel.

Colgate's is the safe, double-action dentifrice. Its non-gritty chalk loosens clinging particles; its pure vegetable-oil soap gently washes them away.

Colgate's cleans teeth the right way and sells at the right price. Large tube—25c.

COLGATE & CO.
Established 1806



Colgate's Cashmere Bouquet Soap—25c



Colgate's Tale Soap—20c & 25c



Colgate's "Handy Grip" Shaving Stick—35c



Colgate's Rapid-Shave Cream—35c

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Implies Honesty
in Manufacture

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TEETH THE RIGHT
WAY

The Furnace that gives you 40% more HEAT

Seems a broad statement! Yet it's just what the COLONIAL does. Note the dome shaped heat chamber. Flame and heated gases strike ALL the surface. The heating capacity is increased fully 40%. Ordinary furnaces heat only the top.

This Better Heating Principle establishes the COLONIAL as "The Standard of Furnace Value."

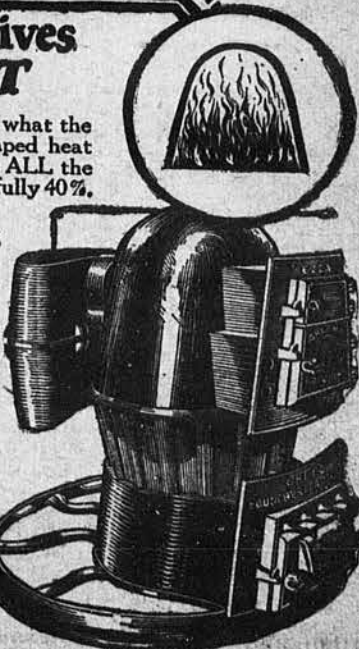
There are other features too—Improved Grate, Air Blast Fire Pot, Double Feed Doors, Heat Retaining Radiator.

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Green Foundry & Furnace Works
Established Since 1869 DES MOINES, IA.

GREEN
COLONIAL
FURNACE

One furnace that's
back to 1917 prices



Tempting Lagging Appetites

A Liquid Diet Doesn't Include Much, But the Sameness May be Varied

BY FLORENCE K. MILLER

A LIQUID diet often is prescribed by physicians, and the patient, if he is ill for long, soon grows weary of it. Varying the flavor of the foods that make up this diet will not only make them more palatable, but the patient will look forward eagerly to his tray, wondering what the change will be. This is especially true if the tray is decorated in a different way every time.



Persons on a liquid diet usually tire of egg nog quickly—the drink that often heads the list. It generally is flavored with vanilla. But cinnamon, nutmeg, chocolate, coffee, grape juice or pineapple juice will make it just as nourishing. Then if the white of the egg is beaten separately, sweetened a trifle and added to the top, it will make a tempting addition to any tray. To make egg nog, use 1 egg, $\frac{3}{4}$ cup milk, salt, sugar and flavoring to taste. It may be garnished occasionally for variety.

Several fruit juices can be combined to make a delightful drink when the patient tires of orange and grape juice. A well beaten egg may be added to lemonade, giving the patient this nourishing food in a palatable way. Lemonade garnished with a slice of lemon or a maraschino cherry would be sure to please. To make a delicious lemonade, use the juice of 1 lemon, $\frac{3}{4}$ cup water and 2 tablespoons sugar. Boil sugar and water together. This is better than adding sugar to the juice.

Milk may be flavored in various ways, also, and if a junket tablet is added occasionally, it will make a welcome food.

This makes a nourishing and palatable drink: Boil together 5 minutes 1 tablespoon malted milk and $\frac{1}{4}$ cup water. Add $\frac{1}{2}$ cup milk and flavor with $\frac{1}{2}$ teaspoon cocoa, 1 teaspoon chocolate, $\frac{1}{4}$ cup strong coffee, 1 tablespoon currant jelly or vanilla.

All gruels should be cooked 1 hour. This is a good proportion to use for one bowl: $\frac{1}{2}$ tablespoon cereal, and 1 cup milk or water. Make up volume with milk.

There is no end of variety to cream soups to be made with vegetable waters. Use 2 tablespoons butter, 2 tablespoons flour, $\frac{1}{2}$ cup milk, $\frac{1}{2}$ cup vegetable water. Melt butter, let flour boil in butter and add milk gradually, stirring until thick. Add vegetable water. If potato water is used, the flour may be decreased one half.

Grape yolk is an appetizing liquid food. Use 1 egg, 1 tablespoon sugar, 2 tablespoons grape juice and salt.

Beat yolk, add sugar, salt and white and blend.

Simple ices and ice creams, custards and mildly seasoned meat broths are included in the liquid diet, also.

If You Would Be Healthy

Use water in abundance, internally, externally and eternally.

Sleep, work and play regularly.

Remember that fresh air and sunshine are good disinfectants.

Work should be preceded by sufficient sleep and followed by some sort of recreation.

Laugh. Laughter accelerates the respiration and circulation and brings a glow to the whole system.

And it pays, because joy in living and success in life are largely dependent upon the state of one's health.

Farm Home News

BY MRS. DORA L. THOMPSON

ONE of the greatest sources of loss in the use of incubators is the dead chick in the shell. There are many possible causes for this condition. Poor ventilation below the egg trays is considered responsible for many dead chicks. A theory recently advanced and believed by many is that

The End of the Road

I've discovered a road—
And it leads to the high, far places.
It crosses a creek and by its side
Are the wild-flowers' innocent faces.

I followed this road—
That winds like a ribbon of gold
Over the hills and thru the woods
To a house that is ever so old.

I like this road—
The air is sweet and a kind sky hovers above,
And in the house at the end of the road
Are quiet and peace and love.

—Rachel Ann Neiswender.

germs remain in the incubator, enter the eggs thru the shell and cause the death of the chicks. It would be well to give the theory credence enough to take precautions to destroy such germs.

One way of preventing their entrance thru the shell is to dip eggs in a 90 per cent solution of wood alcohol. A better way, it seems to me, is to disinfect the incubator. It is presupposed that all trays have been thoroughly cleaned after using. If it were possible to open the incubator up to bright sunlight that would be an excellent disinfectant. Our use of

incubators in cellars, as a rule, prevents us from using this natural disinfectant.

One of the safest substitutes to use in place of sunlight is formaldehyde. This should be placed in the closed incubator and allowed to evaporate. The process may be hastened by placing the liquid in a basin set upon a warm brick.

One of the most successful handlers of incubators in this locality is a colored woman. She often has 100 per cent hatches from machines set one upon another. After a hatch, she removes all muslin and burlap, washes it or substitutes new. Machines are opened and sunned.

A New Dish for You to Try

A delicious and nutritious chowder is this, claiming its origin as Boston. It is taken from "The Farm Cook and Rule Book," which is full of just such delightful and practicable recipes for the farm table. Mrs. Nell B. Nichols is the author of the book, and to those who have tried other recipes of hers which have appeared in our department the book needs no other recommendation. It may be obtained from the Macmillan Publishing Company, New York City. Price \$2.

Boston Chowder

$\frac{1}{4}$ pound salt pork, 1 $\frac{1}{2}$ cups parsnips, diced
diced 4 $\frac{1}{2}$ cups milk
1 medium sized onion, sliced 2 tablespoons butter
2 cups potatoes, 8 crackers
diced 2 teaspoons salt
2 $\frac{1}{2}$ cups water $\frac{1}{2}$ teaspoon pepper

Fry the fat from the salt pork and cook the onions in it. Then add the potatoes, parsnips and boiling water and cook until tender. Add the milk and seasonings and pour over the crackers.

Just for Curiosity

If you are curious about the results that come from using Calumet—bake a cake and use some other baking powder, then use the same recipe and employ

CALUMET

The Economy BAKING POWDER

Compare the texture of the two cakes—the way they look—the way they taste. The difference will cause you to join the millions who use Calumet daily. You will then realize why it is called the most economical of all leaveners.

There are never any losses—no last-moment disappointments where Calumet is employed—everything comes from the oven baked "just right."

Don't buy an unreliable brand of baking powder simply because it costs a trifle less than Calumet—it only means false economy. Made in the world's largest and most sanitary baking powder factories—never touched by human hands and positive for results.

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

Sales 2 $\frac{1}{2}$ times as much as that of any other brand

THE WORLD'S GREATEST BAKING POWDER



You can have Better Cured Meats

The Best cured and seasoned meats and table products can only be had by using dependable MEAT SALT which cures thoroughly.



Sphinx Salt Cures Thoroughly

Barton's Sphinx Brand Meat Salt is prepared specially for the curing and preservation of meats. Its large flakes are White, Clean and Pure, and no impurities remain in it to be deposited on the meat. Sphinx Meat Salt cures all meat thoroughly and satisfactorily, and the many thousand farmers who use it year after year, bear witness to its highly refined curing and flavoring qualities. Use Barton's Sphinx Brand Meat Salt and have Better Cured Meats.

See the Barton Salt Dealer

Barton Salt products from "The Salt Cellar of America," enjoy wide distribution and there is a Barton Salt dealer in almost every town. See him and buy a bag of Sphinx Meat Salt for your meat curing and seasoning. If there is no Barton dealer in your town, write us.

Free 52-Page Farm Profit Book Contains Butchering Directions Ask our dealer for a Free copy of the big 52-Page Barton's Farm Profit Book. Full directions with pictures of home-butchered meats and many valuable Profit-Making Farm Facts are included. Many farmers have found this book of value and thousands have been distributed. Our dealer can supply you.

THE BARTON SALT COMPANY
205 American Building Hutchinson, Kansas
"The Salt Cellar of America"

Barton's Triple "B" Extra Dry Salt—in 25 and 50-lb. sacks—is our All-Purpose Farm Salt. It is suitable for cooking, table, buttermaking. Buy a bag next time you are in town.



GOOD SEEDS

Grown From Select Stock—None Better—54 years selling good seeds to satisfied customers. Prices below all others. Extra lot free in all orders I fill. Big free catalogue has over 700 pictures of vegetables and flowers. Send your and neighbors' addresses.

4 BIG MAGAZINES 98c

Woman's World.....1 yr
American Needlewoman.....1 yr
People's Popular Monthly.....1 yr
Household Magazine.....1 yr

SPECIAL CLUB NO. 125
Send all orders direct to
THE HOUSEHOLD, Topeka, Kan.

The Farmiscope

Hard to Fit

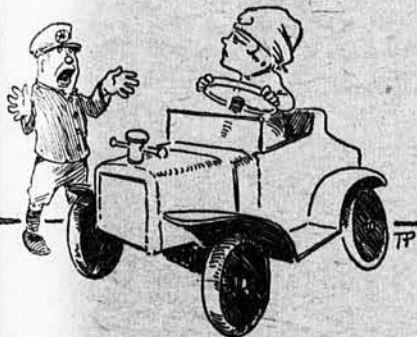
A city man, driving his automobile along a little-used country road, heard something rattle beneath his car, stopped, looked back and saw a bright metal object lying in the road a short distance behind. It was a plow-point, evidently lost by some farmer.

It was fully half an hour before the next car came along, and its occupant, seeing the first man flat on his back under his vehicle by the roadside, stopped and asked what the trouble was.

The city man emerged and held up the plow-point.

"This blooming thing dropped off my car," he said, "and I've been hunting for half an hour to find out where it belongs."

Yes, She Saw Him



He—Hey, Didn't you see me wave at you?

She—Of course I did, you fresh thing.

The Story of Heroes

"Pa, where was Babe Ruth born?"
"Couldn't tell you, son."
"Where was Jack Dempsey born?"
"Don't know that either."
"Pa, will you buy me a history of the United States?"



Customer—No use showing me any more of them fancy things. I want to see a shoe that will fit my foot.

Clerk—Er—so would I.

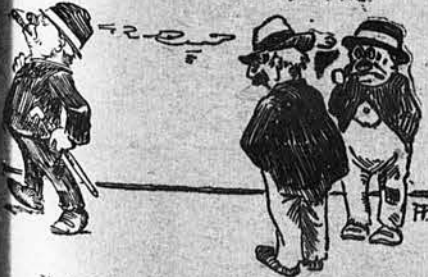
Mrs. Peck—Mrs. Flatfront has acquired an ideal figure, hasn't she?

Mr. Peck—Yes, she looks almost exactly like a man.

Don't Forget This

Customer—"I want to get a diamond ring; platinum, if you please."
Salesman—"Certainly, sir. Let me show you our combination sets of three pieces, engagement, wedding, and teething-rings at 10 per cent discount."

Why He Passed Them Up



Red Nosed Gent—How does it happen that Jones passes us up like that?

Second Gent—Haven't you heard? His wife got a job in the Bon Ton Restaurant.

Red Nosed Gent—That explains it. He's that weak type that lets prosperity go to his head.

But He Could See

I came home the other night and found my room companion in a more or less bandaged state. Various knobs and bruises on the gentleman's head and face appeared in a highly ripe condition.

"What's matter, Bill, thought you

had a date with your frail tonight?" says I.

"I did, but we decided to stay in and dance and save my money."

"But why the bruises?"

"Well, we were dancing and the old man came in. He happens to be deaf and could not hear the music."

Jist Talks

"Ah wants a divorce. Dat woman jes' talk, talk, night and day. Ah can't get no rest an' dat talk am driving me crazy," said Rastus.

"What does she talk about?" asked the lawyer.

"She doan' say," replied Rastus.

Turn About

Smith got married. The evening of his first pay-day he gave his bride \$14 of the \$15 salary and kept only \$1 for himself.

But the second pay-day Smith gave his wife \$1 and kept \$14 himself.

"Why, John," she cried, in injured tones, "how on earth do you think I can manage for a whole week on a paltry dollar?"

"I'll admit I don't know," he answered. "I had a rotten time myself last week. It's your turn now."

Who Wants to Know?

He: "My, but that is a beautiful arm you have."

She: "Yes, I got that playing hand ball."

He: "Do you ever play football?"

Why the Tax Payer Kicks

(Continued from Page 3)

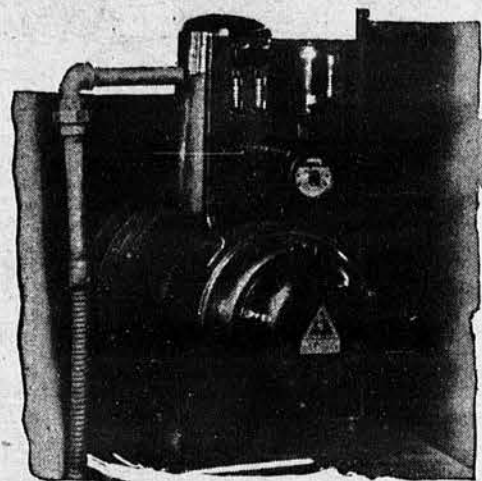
property other than public service corporations, \$78,854,269, and public service corporations, \$77,272,445. By 1913 land valuations for taxation purposes had increased to \$1,365,455,604; lots to \$445,710,283; personal property to \$562,486,692; service corporations to \$436,184,855. Altho the valuation for the state as a whole reached the peak in 1920, farm lands were a year late. In 1921 this valuation was \$1,858,030,006, in 1922, \$1,738,324,506 and 1923, \$1,740,105,386. Lots advanced steadily from 1914 to 1923 when the valuation was \$597,301,608. Personal property reached the peak in 1920 when the valuation was \$1,007,849,064. By 1922 it had dropped to \$759,173,982 and 1923 to \$750,247,349. Public service corporation valuation was higher in 1923, \$489,459,787, than it had ever been before.

The state tax commission in its report to the last legislature called attention to the fact that the public service corporation valuation in 1922 was greater than the total valuation in 1907 just before the commission was formed, and that of course holds good for the 1923 valuation.

Now the valuation of property for taxation purposes does not mean anything in itself. It is only after the rate has been applied and the property owners begin to dig up the cash that the pinch comes. Students of taxation problems have always wrangled about valuations and rates. It takes just so much money to run any government, and whether the valuation is low and the rate high or the valuation high and the rate low is of little importance so far as the revenues are concerned. Tax officials strive only for equitable assessments.

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 and 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.



46 Years of Service

On March 15, 1917, Delco-Light Plant 12652 was started on a life test. It has now been in operation, under full load, over 24,000 hours. Estimating 10 hours per week battery charging for average farm requirements, this Plant has given the equivalent of over forty-six years of average farm service.

During all this Time

This Plant has been overhauled but twice.

On only four occasions were minor repairs and adjustments made.

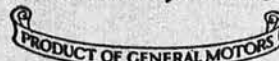
The total cost of labor and parts amounts to but \$82.36.

The average cost of maintenance, excluding fuel and oil, has been approximately \$1.80 per year.

The actual experience of this Plant, backed by the experience of over 225,000 users, has proved that the owner of a Delco-Light Plant has but little need for parts and service. Yet the purchaser of a Delco-Light Plant has at his command the services of the largest and most successful organization of its kind in the world. Modernize YOUR farm with electric light and power supplied by the Delco-Light Plant. See your local Delco-Light dealer.

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HEAVY snowfalls were reported from every part of the state at the opening of last week that varied in depth from 4 to 8 inches and road traffic of all kinds was hampered for several days on account of the bad snow drifts. In the western part of the state east and west roads were completely blocked and absolutely impassable. According to S. D. Flora, United States Weather Observer at Topeka, it was the heaviest snow that has fallen in the state at one time since April 4, 1920. Both wire and train service were more or less demoralized for almost two days.

Wheat Prospects Considered Good

Until the snow storm arrived afternoon temperatures ranged from 50 degrees to 70 degrees, and the nights were scarcely below freezing. By Tuesday morning of last week, however, readings of 4 degrees to 8 degrees were general thruout the state.

During the mild part of the week wheat greened up a little in the southern part of Kansas and showed signs of growth in the northern part. As far as could be ascertained at that time there were few if any signs of winter-killing except in the late sown in the south central and southeastern counties, which had suffered somewhat. There has been no damage worth mentioning from alternate freezing and thawing. The snow the closing days of the week again blanketed wheat except where high winds blew it off the fields. Bad effects of the Hessian fly were reported from the north central counties.

A few south central counties reported some spring plowing during the mild weather. Elsewhere, there was frost in the ground or it was too wet to be worked. Some corn was husked and a great deal of hauling was done until the snow fell. Livestock suffered greatly during the heavy snowfall and high winds that accompanied it.

Pleasant weather again returned at the close of the week which continued into the opening of the present week. The snow melted rapidly and by Monday morning had disappeared except in places where there were high drifts.

Plenty of Good Seed Corn

Heavy shipments of corn continue to eastern and central points. Husking and shelling are still progressing in the west and corn sells at from 60 to 64 cents at country points. Present indications are that farmers in the spring will plant a large acreage of corn on account of the good prices that have prevailed up to this time. Some uneasiness about the quality of the seed corn has been reported in some parts of Kansas, but some of our most competent authorities on this subject say there is comparatively no grounds for such fears. In a recent letter to the Kansas Farmer and Mail and Breeze, Prof. L. E. Call, head of the agronomy department of the Kansas State Agricultural College says:

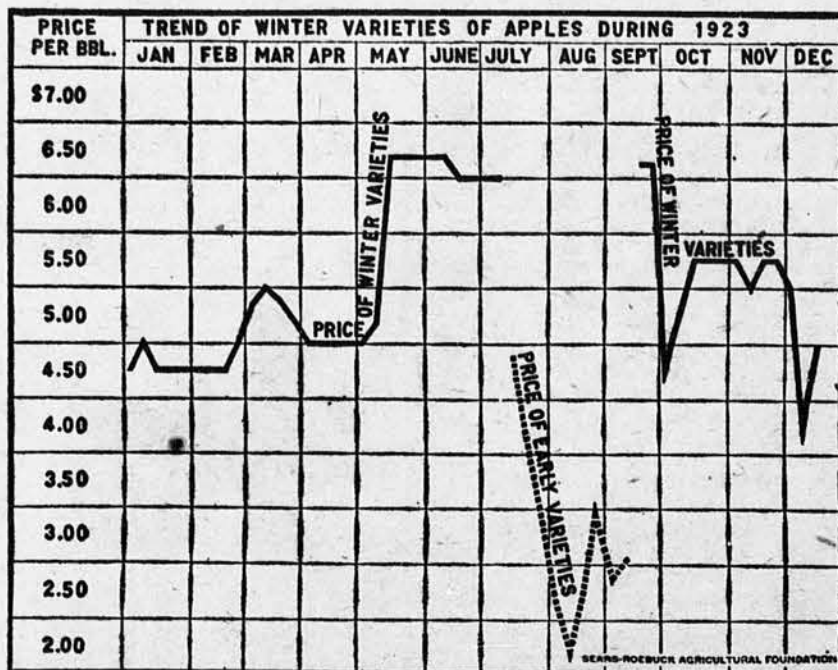
"Corn in Kansas matured satisfactorily last year and I am sure that there is nothing to be alarmed about as far as the Kansas corn is concerned. It is of course, always advisable to make a germination test of seed corn, but from the information that we have at the present time, I do not feel that our Kansas corn is any lower in vitality than the average. In fact, in many parts of the state, the crop matured in excellent condition and undoubtedly will supply seed of excellent quality for our Kansas farmers."

In the orchard districts owners are busy pruning and cleaning up their

Heaviest Snow Since 1920

Fruit Uninjured Thus Far—Kansas Apple Yield Totals 2,166,000 Bushels, Worth \$2,509,000

BY JOHN W. WILKINSON



How the Commercial Apple Market at Chicago Behaved in 1923; May, June, July and September Were the Months for Peak Prices for Winter Varieties

orchards. In the Arkansas River Valley several orchard tours are being conducted by county farm agents and specialists from the Kansas State Agricultural College to show farmers how to spray their trees properly in order to eradicate dangerous insect pests.

Farmers in Kansas are beginning to realize the value of fruit crops of all kinds and of apples especially. The future of the apple industry is bright.

During 1923 commercial applemen picked the largest crop on record for the United States. Tho the total apple crops for the year are estimated at 5.6 per cent less than a year ago, the commercial crop is 7.8 per cent larger. On a per capita basis the commercial crop is 10 to 12 per cent above the average of the last five years, according to the Sears-Roebuck Agricultural Foundation.

On December 1, 1923 the commercial crop equaled 34,403,000 barrels as against 31,945,000 barrels on the same date of the previous year. The important boxed apple states in the West and the Northwest, with the exception of Colorado, which had a 20 per cent decrease, show increased yields over the 1922 crop. Washington, the state that leads all others in commercial production, ended the 1923 apple season with the equivalent of 9,198,000 barrels, which is a little over 25 per cent of the total crop. This is against a yield of 7,341,000 barrels for 1922.

Kansas Apple Yield Decreased

In the barreled apple states, New York, Illinois and Kansas had smaller crops, while Virginia, West Virginia and Michigan showed heavy increases. New York, which stands next to Washington in commercial production, had a crop of 3,900,000 barrels or 2,100,000 barrels less than a year ago. Barreled apple states up to January 12 had shipped about 53,713 cars or 1,392 less

cars than at that time last year. The boxed apple states had shipped 12,501 cars more. The Kansas apple yield in 1922 was 3,280,000 bushels as compared with 2,166,000 bushels in 1923.

The average farm price of apples since September has been a little higher than during the same period in 1922. Boxed apples as a whole, have been slightly cheaper in the Central markets. The Kansas apple crop in 1923 was valued at \$2,509,000 as compared with \$3,280,000 in 1922. Prospects for marketing this year's commercial crop are equal to or better than a year ago. The greatest increase in production appears to have come in late varieties which usually sell the best. Employment conditions are good in the towns and cities and that is where most of the commercial crop is consumed. There is a normal annual increase of 1 or 2 per cent in the total population and even a greater increase in the urban population. All of which tends to keep demand at its present point of excellence.

Export Demand Improving

Export demand should be better than usual, as Great Britain, the chief foreign buyer, has a small crop of a poor quality. Up to January 5, about 2,750,247 barrels and 2,863,280 boxes had been exported. Total exports have been about 70 per cent heavier than in the same period a year ago. There is still a fairly keen foreign demand, with indications that exports will remain rather heavy for some time.

Storage holdings on January 1 were equivalent to 9,641,000 barrels as compared with 6,431,000 barrels a year ago. The five-year average on January 1 was 5,624,000 barrels. Holdings this year are 50 per cent higher than they were on January 1, of 1923, at which time they were the largest on record, for that season of the year. The hold-

ings at present are located near the large consuming centers, so they are in a position for ready distribution. If prices remain at their present level there is a fair chance that the supply will be moved into distribution before the new apples come on the market.

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

Allen—The wet, severe winter has been hard on the wheat. The acreage is small compared to former years. It is thought that the hard freeze will greatly benefit the soil. Feed is plentiful, and livestock of all kinds is in excellent condition. Hogs are not very numerous in this county. Rural market report: Eggs, 30c; butterfat, 50c; wheat, \$1; corn, 75c; kafir, 60c; hay, \$10; hens, 18c.—T. E. Whitlow.

Clark—January has been unusually cold and dry. The ground is frozen about 14 or 16 inches deep. Wheat is frozen to the ground. Because of dry weather livestock has done unusually well, but there is a great shortage of feed and a great amount of snow would result in heavy losses.—R. W. Gardiner.

Clay—Cold weather in January gave the farmers and merchants a fine chance to put up their ice. It was 8 to 10 inches thick. Numerous public sales are being held and prices are good. Growing wheat which is not infested with the Hessian fly is in excellent condition. Roads in this county are fine. Rural market report: Wheat, 96c; corn, 75c; alfalfa, \$12; hay, \$10; hogs, \$6; butterfat, 44c; eggs, 30c.—P. R. Farslund.

Comanche—We have had very little moisture since the middle of November. Livestock is in splendid condition, but feed is scarce. Wheat is frozen down to the ground. There have been no public sales yet. Corn is shipped in. Rural market report: Corn, 85c; wheat, \$1.03; eggs, 25c; butterfat, 44c; heavy hens, 17c.—Jonas Swanner.

Crawford—The wheat in this county is pretty badly winter-killed. Very little winter plowing has been done. Livestock is doing splendidly, but feed is being shipped in. Farmers are cutting wood and butchering. Seed oats and seed corn are scarce. Rural market report: Corn, 85c; wheat, \$1; eggs, 34c; cream, 47c.—H. F. Painter.

Cloud—The first days of February were fair and mild, but were followed by one of the worst storms of the season, and snow which drifted badly in places. Feed is holding out fairly well and livestock is not suffering. Farmers are busy taking care of stock and cutting wood. There is still some wheat in granaries, but corn is rather scarce and high. Potatoes and vegetables are plentiful.—W. H. Plumly.

Cheyenne—A near blizzard struck this county Sunday, February 3 and continued all day. During that time 4 inches of snow fell and most of it drifted into east and west roads where there was no trash in the fields to catch it. Roads are very bad and trains have been delayed, but are again on schedule. The temperature dropped to 19 degrees below zero the night of February 3. Considerable ice of good thickness was harvested.—G. M. Hurlock.

Elk—February 4 was the worst blizzard of the year. Farmers are making preparations now for oats sowing, which will soon be in progress. Fat hogs are scarce now. Winter wheat is looking very well and the few warm days last week showed some green in the fields. There have been few public sales and few land sales this season. Oil and gas developments are holding their own.—D. W. Lockhart.

Franklin—February 4 brought us one of the worst snow storms in years. Roads are badly drifted in places. Some reports are that wheat is looking well. Peach buds are probably hurt. Spring fever has broken out among the early oats sowers, but many remember the freeze last year which killed the oats so badly and are not in such a hurry. More corn and kafir will be planted than usual.—E. D. G.

Ford—The snow the first of this week did not give much protection to the wheat. Weather conditions are changeable and blustery. Hens that are well cared for are laying well, and some chicks are being hatched. Livestock has the run of the fields, but wheat pasture is getting short. Rural market report: Wheat, \$1.03; corn, 75c; eggs, 27c; butter, 50c; cream, 41c.—John Zurbuchen.

Greenwood—January was a real winter month, with near zero weather prevailing. The ground is thawing and farmers are preparing to plow. Livestock is in excellent condition but feed is scarce. Our weather conditions are ideal at present. Rural market report: Prairie hay, \$4 a ton; seed oats, 75c.—John H. Fox.

Seney—Our weather is back to winter again. We experienced a severe snowstorm and gale. Little snow is left on the wheat fields. Rural market report: Corn, 70c; wheat, 98c; oats, 50c; feed shorts, \$3 a cwt.; bran, \$1.70; fat



Activities of Al Acres—Looks As If the Bottom Had Dropped Out of Al's and Slim's Stock

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Kansas Farmer and Mail & Breeze.....	\$1.50
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American Woman.....	Club 105 all for
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Kansas Farmer and Mail & Breeze.....	\$1.25
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McCall's Mother's Home Life.....	\$1.60
Kansas Farmer and Mail & Breeze.....	
Pictorial Review.....	Club 108 all for
American Needlewoman.....	\$1.85
Kansas Farmer and Mail & Breeze.....	
Christian Herald Good Stories.....	Club 111 all for
Household.....	\$2.10
Kansas Farmer and Mail & Breeze.....	
American Boy.....	Club 113 all for
Kansas Farmer and Mail & Breeze.....	\$2.35
La Follette's Magazine.....	Club 116 all for
Kansas Farmer and Mail & Breeze.....	\$1.25
Poultry Keeper.....	Club 117 all for
Kansas Farmer and Mail & Breeze.....	\$1.15
Youth's Companion.....	Club 118 all for
Kansas Farmer and Mail & Breeze.....	\$2.85
Woman's Home Comp.....	Club 119 all for
Kansas Farmer and Mail & Breeze.....	\$1.80
Boys' Magazine.....	Club 120 all for
Kansas Farmer and Mail & Breeze.....	\$1.45
American Magazine.....	Club 121 all for
Kansas Farmer and Mail & Breeze.....	\$2.60
American Needlewoman.....	Club 126 all for
Kansas Farmer and Mail & Breeze.....	\$2.65
Am. Poultry Advocate.....	Club 127 all for
Gentlewoman.....	\$1.40
Kansas Farmer and Mail & Breeze.....	
McCall's Gentlewoman.....	Club 129 all for
People's Popular Mo. Woman's World.....	\$1.85
Kansas Farmer and Mail & Breeze.....	
Household.....	Club 130 all for
American Thrasherman.....	\$1.15
Kansas Farmer and Mail & Breeze.....	

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Kansas Farmer and Mail & Breeze, Topeka, Kansas

Enclosed find \$.....for which please send me all the periodicals named in

Club No.....for a term of one year each.

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Address.....

hogs, \$8.25; butter, 40c; eggs, 30c; alfalfa, \$16; prairie baled hay, \$8.—O. R. Strauss.

Harvey—We experienced a real blizzard from Sunday night until Tuesday morning and the mercury dropped to 8 above. Public sales bring fair prices. Rural market report: Wheat, \$1; corn, 80c; oats, 50c; butter, 45c; eggs, 28c; hens, 13c to 14c.—H. W. Prouty.

Jefferson—The weather has been unusually warm the past week with scarcely any ice of mornings. Rather poor luck has been experienced with early lambs. They seem to be weak and die within 24 hours. A few public sales have been held and prices were fairly good. Pigs are selling between 5c and 6c. There was practically no wheat sown here.—A. C. Jones.

Lyon—The severe weather on February 4 and 5 was hard on livestock. There is plenty of feed for stock. Roads are in good condition. There are not many public sales being held. Most of the wheat is in fair condition. Rural market report: Wheat, 60 test, 97c; corn, 75c; eggs, 37c; butter, 40c.—E. R. Griffith.

Lane—We are having beautiful spring weather now. Farmers are busy threeching the sorghum crops as fast as they can get to it. The ground is frozen about 18 inches deep. Livestock is in very good condition. The wheat crop will be in excellent condition as soon as the frost leaves the ground.—S. F. Dickinson.

Lincoln—We are enjoying splendid weather. Wheat froze down to the ground, but seems to be all right. Feed is plentiful and livestock is doing well. A large acreage of oats and barley will be put out. Rural market report: Corn, 72c; wheat, 94c; eggs, 36c; cream, 48c.—E. J. Wacker.

Linn—We had another wet snow on February 4 which was hard on stock. There is some corn to be gathered yet. Public sales are common. There are few sheep here. Horses sell for from \$40 to \$60, and cows from \$30 to \$40.—J. E. Clinesmith.

Osage—East and west roads are filled with snow drifts. Despite much adverse talk there are marked signs of coming prosperity. Meadows and pastures are renting at advanced prices. Farms for rent are all being taken. Buyers are out looking for young heavy horses. Corn is on the local market at wholesale.—H. L. Ferris.

Osborn—After a week of nice weather we are having winter again. The high wind was tough on the wheat. The light snow which fell drifted in the roads. Livestock is wintering well with plenty of feed. There are not many public sales being held. Rural market report: Wheat, 95c; corn, 60c.—W. F. Arnold.

Pawnee—We are enjoying splendid winter weather. Feed is scarce and there is not much wheat pasture. Frost has left the ground. There is little or no sale for horses. Rural market report: Wheat, 98c; corn, 80c; eggs, 30c; butter, 40c; butterfat, 44c; hogs, \$8.50.—E. H. Gore.

Rooks—The weather man continues to favor us with fair January weather. Many hogs are going to market. Few sales are being held. Rural market report: Eggs, 30c; butterfat, 32c; corn, 61c.—C. O. Thomas.

Rawlins—Sunday, February 3, we had the worst snow storm of the season. It drifted badly and stopped traffic. Snow drifts in some roads were 10 to 15 feet deep, but today it came out clear sunshine again, and everybody is busy shoveling snow. It was rather hard on stock on the range.—A. Madsen.

Rush—We had another cold windy spell here February 4, altho the weather had been nice for several days before. A good many incubators are running now. Much interest is being shown in the breeding of better poultry. There is talk of several oil wells being drilled within the next 90 days. Growing wheat is wintering in good condition. Rural market report: Wheat, 95c; seed oats, 45c; cream, 43c; eggs, 30c.—R. G. Mills.

Sherman—Winter seems to be about over. Snow is gone, ground is thawed, and roads are in excellent condition to haul corn to market, and it is being hauled in every day. Five stations are busy filling cars daily with all kinds of corn. Seven elevators in this county are rushed to the limit and cars on the track are also being filled by farmers. Snapped corn brings the best price. The crop averages from 30 to 70 bushels an acre.—J. B. Moore.

Sumner—A storm consisting of rain, sleet, snow and wind visited this section Sunday night putting a stop to spring plowing. The storm followed a week of exceptionally fine weather. There is considerable agitation concerning the leasing of land for oil. A large amount of spring crops will be sown to replace former wheat acreage. Few public sales are being held. Rural market report: Wheat, \$1; corn, 80c; kafir, \$1.45 a cwt.; seed oats, 80c to \$1; hens, 18c; eggs, 28c; cream, 41c.—Mrs. J. H. Hoyt.

Seward—Farmers are threshing milo and kafir. Prices are not very satisfactory. About 65 per cent of the wheat is in good condition. Few public sales are being held. Milk cows sell well, but hogs go slow. There is no spring work yet, as the ground is frozen.—John L. Boles.

Stevens—We had a severe snow storm here with wind piling the snow in deep drifts. Roads are almost impassable. Livestock is doing well. There are many public sales. Livestock is selling at low prices. Farmers are optimistic about freight rates and lower taxes. Rural market report: Kafir and milo, 1c a pound; butterfat, 45c; eggs, 35c.—Monroe Traver.

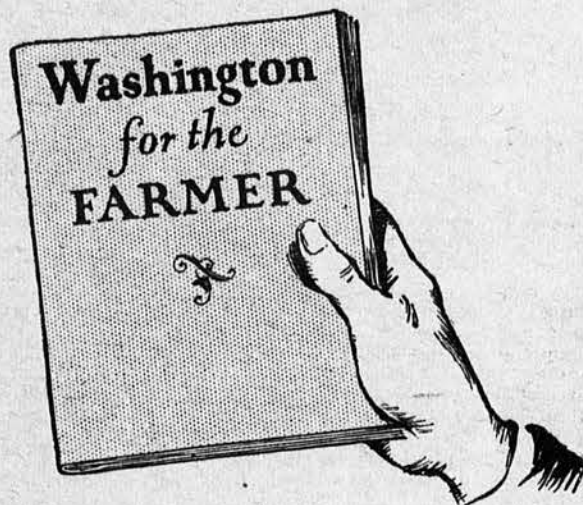
Smith—Wheat seems to be all right. Most of January was very cold. Livestock is wintering well, and there is plenty of feed. There was an abundant ice harvest of fine clear ice. A very successful poultry show has just closed. About 700 birds were entered. Rural market report: Corn, 75c; wheat, 98c; hogs, \$8; cream, 42c; eggs, 28c.—A. J. Hammond.

Washington—The heavy snow has nearly gone and the roads are almost impassable. Grain marketing is difficult. Wheat seems to be coming thru in good condition. The 1923 corn crop is nearly all gathered and the yield was satisfactory. Livestock is in splendid condition. Rural market report: Wheat, 87c; barley, 40c; cream, 38c; eggs, 33c.—Roy Marple.

Colorado Crop Report

Elbert—February came in with a terrific blizzard, a 70 mile gale, and severely cold weather. The feed supply looks plentiful for the remainder of the winter. Public sales are not numerous.—R. E. Patterson.

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Dairy Industry in Kansas

Farmers in the State Are Now Greatly Interested in Diversifying Farm Operations

BY E. E. OLSON
Kansas State Agricultural College

KANSAS cannot be considered a dairy state in the sense that we think of Wisconsin and Minnesota as dairy states, nor is there any reason to believe that it ever will be a great dairy state. However, the fact remains that dairying is an extremely important Kansas industry which is destined to grow tremendously during the next decade. Kansas farmers are learning rapidly the necessity for diversification in their farming operations, and with that knowledge comes the need for more and better dairy cows, which in turn means more milk and cream to be converted into manufactured products.

Value of Cream Products

Secretary Mohler of the Kansas State Board of Agriculture estimates the value of Kansas dairy products at \$27,270,527.18 in 1922. The Kansas dairy commissioner's figures for 1922 show that the cream producers of Kansas were paid more than 14 million dollars for butterfat for churning purposes. The manufacturer of dairy products performs an indispensable service for the Kansas farmer by furnishing an efficient organization for centralizing raw material, manufacturing it into a finished product in the form which the consumer demands, storing this product under artificial refrigeration and finally delivering it to the consumer when and where it is wanted. For this service he is entitled to reasonable interest on his investment plus a small profit. There is probably no product which is manufactured on a smaller margin of profit than butter. Considering the prices which the farmer receives for his raw product, it is reasonable to believe that if his system of production even approached the degree of efficiency found in industrial enterprises, his profits would be equally as high or higher than the manufacturer's.

Leaving you with this thought, we will proceed to the discussion of the butter industry in Kansas.

The State's Butter Record

Kansas entered the field as a commercial manufacturer of butter sometime in the Seventies of the last century. In 1880 Kansas ranked twenty-sixth as a creamery butter-making state. By 1890 this rank had advanced to tenth place, and by 1900 to eighth place. At present Kansas ranks eleventh altho if all the butter made from Kansas cream was made within the state her rank probably would be about sixth.

During the period from 1885 to 1900 not less than 500 local creameries fully equipped with power separators for handling whole milk, were built in Kansas at an average cost to the farmers in each community of no less than \$1,000. The total investment by farmers in Kansas, while imbued with the enthusiasm of boosting dairying by introducing the creamery system of buttermaking, was not less than 2 million dollars. The experience which these widely spread groups of farmers had with local whole milk creameries was both thoro and unsatisfactory.

Since Kansas farmers were not dairy farmers, they discontinued the milking of cows when the erratic Kansas climate allowed them a good wheat crop. The natural result was that the creamery business failed because of

lack of raw material. Most of these promoted creameries were sold to private individuals at a loss to the farmers of 50 to 75 cents on the dollar. Since there were a few farmers who still desired to milk cows, the defunct creameries were re-opened as skimming stations, the cream being shipped to a central plant for churning. This marked the beginning of the central creamery system.

Development of Central Creamery

Probably the first central creamery in Kansas was the Belle Springs Creamery Company of Abilene. A. G. Eyth of Enterprise probably was a close second. Later there were others. In 1900 the Continental Creamery Company was organized in Topeka.

In 1902 the Continental Creamery Company started the distribution of hand separators among the farmers in the vicinity of their skimming stations, after which no more milk was received, but in its stead sweet cream was purchased from the farmers, pasteurized, cooled and shipped to the creamery for churning. This system was adopted by most of the other creameries. Cream was received only three or four days a week and was required to be sweet.

A few years later Kansas creameries were forced to abandon this system by a Nebraska creamery which invaded Kansas territory, paying the same price for all cream, regardless of sourness, as was paid by the others for sweet cream. This event probably marks the beginning of the cream quality problem in the centralized system of butter making and also the beginning of the recent history of butter manufacture in Kansas.

Future of Butter Industry

A few figures as to the extent and future possibilities of butter manufacture in Kansas may be of interest.

There are about 92 creameries in Kansas, 18 of which are central plants making from 500,000 to 7 million pounds of butter annually. These 18 plants make approximately 83 per cent of the butter made within the state from Kansas cream. There are about 36 central creameries outside the state making some butter from Kansas cream which raises the total of butter made by central plants from Kansas cream to about 90 per cent of the total. Creameries controlled by the packing industry make approximately 30 per cent of the total butter made in Kansas. The largest creamery in the state is located in Topeka.

The creamery butter production of Kansas in 1922 in pounds was as follows: Manufactured in Kansas from Kansas cream, 36,336,748; manufactured outside from Kansas cream, 22,242,296; total manufactured from Kansas cream, 58,579,044; manufactured in Kansas from outside cream, 4 million. Number of pounds manufactured in Kansas totals 40,240,000. Number of pounds of creamery and farm butter made in Kansas totals 53,056,113.

By these figures I have shown that a large percentage of Kansas butter is made by large creameries and as yet I have offered no encouragement to the small, locally owned creamery. Kansas has quite a number of successful local creameries and a great many that are just limping long. The successful ones are managed by good business men who see that their busi-

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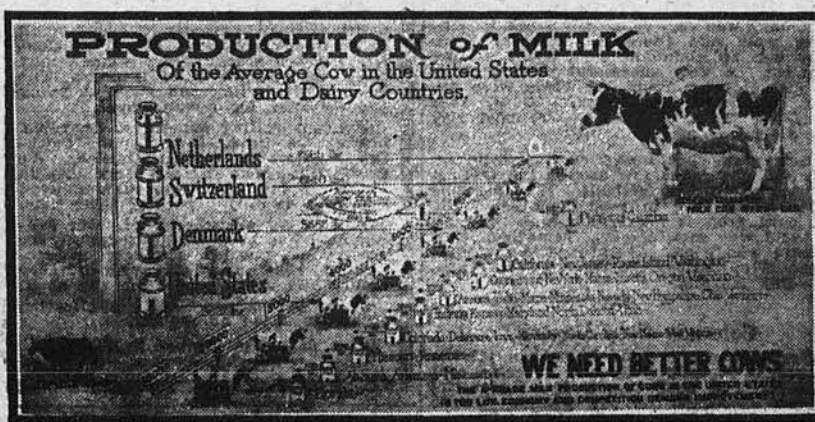
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Of Interest to Stockmen

These publications, of interest to livestock farmers, may be obtained free on application to the United States Department of Agriculture, Washington, D. C.

Farmers' bulletins as follows: No. 578, Making and Feeding of Silage; No. 803, Horse Breeding Suggestions for Farmers; No. 810, Equipment for Farm Sheep Raising; No. 834, Hog Cholera; No. 840, Farm Sheep Raising for Beginners; No. 874, Swine Management; No. 1005, Sweet Clover on Corn Belt Farms; No. 1073, Growing Beef on the Farm; No. 1132, Planning the Farmstead; No. 1134, Castrating and Docking Lambs; No. 1167, Essentials in Animal Breeding; No. 1170, Meadows for the Northern States; No. 1218, Beef Production in the Corn Belt; No. 1229, Utilization of Alfalfa; No. 1298, Cost of Using Horses on Corn Belt Farms; No. 1341, Mule Production.

The following miscellaneous publications are also available: Department Circular 235, Utility Value of Purebred Livestock; Year Book Separate No. 874, Our Beef Supply; Year Book Separate No. 882, Hog Production and Marketing; Year Book Separate No. 845, Hunting Down Stock Killers; Year Book Separate No. 855, Death to the Rodents.

Big Doings at Wichita Show

There will be a great variety of exhibits and entertainment at the Power Farming Equipment Show at Wichita February 26 to 29 this year. The Wichita Thresher and Tractor Club has arranged for excellent entertainment of guests while in the city attending the show. The huge power farm machinery parade is one of the features worth going miles to see. It will take place on the 27th.

On the evening of the 28th there will be a free athletic show consisting of boxing and wrestling matches and a battle royal. This will be held in the million dollar exposition building, the Forum.

There will be reduced railroad rates in force from all points in Kansas to Wichita. It is necessary to procure a certificate at the time the ticket is purchased in order to secure half fare on the return trip.

The show will be a regular old fashioned machinery show. The exhibits will be in the various branch houses and they will not be dolled up for show purposes but will be stock models just the same as those delivered from factory to farmer.

Lower Taxes on Purebreds

In response to an inquiry from the secretary of an assessment commission in Connecticut, the United States Department of Agriculture advises a policy of assessing purebred cattle at little, if any, higher than grade cattle for the purpose of local taxation. The inquiry also asks for information on the policy of the United States Government with regard to encouraging farmers to keep purebred animals. Following is the reply of A. T. Semple, a livestock specialist of the Bureau of Animal Industry:

"Purebred cattle should be assessed little, if any, higher than grade cattle for the purpose of local taxation, lest someone be discouraged in keeping good cattle, which are of considerable value to a community on account of their ability, in most cases, to improve the common stock and thus increase the wealth of the community. The Department of Agriculture is trying to encourage farmers to keep good purebred cattle. Regardless of their market value as purebreds, their value for improving the common stock of the country is being gradually increased as improvements are being made by selective breeding. Consequently, every reasonable effort should be made to encourage their production."

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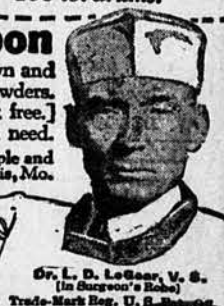


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surprised everyone who saw
them. After the fairs we cut
them. 100 people. Every
one said "most delicious ever
tasted."
**You Too Can Grow These
Giants**
No more work or care than
ordinary melons. Lots of fun
watching them grow. Very in-
teresting. Only limited supply
available. If you want some act
quick. Fully described in my
catalog.

**3 GLADIOLAS
FREE**
When
sending for
your catalog
send me 3
dresses of 2 friends who
buy seeds, and I will send you
free of charge three fine Gladiolas,
best varieties, guaranteed to bloom
the first season.

**Better Seed Means
Bigger Yields**
Why waste time and money planting
uncertain seeds? Why be dissatisfied
in your yield? Why not get best
seeds, strongest germinating seed
like my million customers are doing,
and raise bumper crops? Make big
profits.

My Catalog Tells
Tells all about my high quality
seeds, proves that they cost no more
than ordinary kind. Catalog gives
valuable planting information, also
describes many special seeds, also
standard varieties of vegetables,
flowers, farm seeds, shrubs, fruit
trees, etc. Send for catalog, read it
and you will join my family of cus-
tomers.
Henry Field Seed Co.
Box 60 Shenandoah, Iowa



**CATALOG
FREE**
**REDHEAD
TOMATO**
The best of 1,000
varieties, holds the
record of 9000 lbs.
from 1-4th acre.

STRAWBERRIES

\$500 to \$700 Per Acre

Make big money growing Strawberries with
Dixon's large rooted, hardy, vigorous, pro-
lific plants that are sure to grow and pro-
duce large luscious berries all season. Last
year many people made as high as \$1,000
per acre. Don't experiment; get the old
reliable Dixon plants. Dixon Quality known
for 34 years—it's your protection and guar-
antee. Quality never was so good as this
year, and prices are much lower. My illus-
trated catalog should be in every home.
Tells you variety, how and when to plant,
and full of big bargains in all kinds of ber-
ry plants that grow; also asparagus, rhu-
sarb, flower bulbs, etc. Write for your
free copy today.

F. W. DIXON, Dept. 26, HOLTON, KAN.

FREE 2 Pkts. Flower Seed 1 Pkt. Blight Resistant Tomato

cut out this ad and mail to us and receive
above free offer, together with our 1924 catalog
and Planter's Guide. Our Motto: Quality Counts.
WYANDOTTE SEED CO.
Dept. K Kansas City, Kan.

CLOVER \$3.50

BU. Alfalfa \$8.00. Red Clover \$13.00.
Hulled Sweet Clover \$1.50. Millet \$1.00. Orchard grass \$2.50. Red Top \$2.50.
Kentucky blue grass \$3.50. Alsike \$9.50. Seed Corn
\$2.50; five per cent discount on 5 bushel orders of
one kind of seed; satisfaction or money back. We
buy in car lots at tremendous saving which we pass
on to buyer. Ask for samples or order from this ad. We
believe prices will go higher so get your order started.
MEIER GRAIN & PRODUCE CO.
Dept. CFF, Salina, Kansas

CLOVER \$2.00 PER BUSHEL

lower in price today than we will ask later. Act
quickly. Crop short, market advancing. Buy now
your Grass Seed. Have wonderful value in high-
grade tested Iowa grown Clover. Also Sweet Clover,
Alfalfa, Golden Timothy and all farm and garden seeds. Our prices
save you money. Don't wait and pay more money. Write today for
Free Samples, special prices and 116-page catalog.
A. A. BERRY SEED CO., Box 136 CLARINDA, IOWA

GOOD TREES

CATALOG FREE

Large assortment of Fruit and
Ornamental Trees, Grapes, Ber-
ries and Shrubs. Write today.

WELLINGTON NURSERIES
BOX 35 WELLINGTON, KAN.

STRAWBERRIES

There is big money growing
them. We grow the best plants.
45 years in business.
FREE! Big colored catalog,
tells whole story.

J. A. BAUER, Box 38, Judsonia, Ark.

20 CONCORD GRAPE VINES . . \$1.00
8 ELBERTA PEACH TREES . . \$1.00
8 ASSORTED APPLE TREES . . \$1.00
All postpaid—many other bargains in Fruit, Shade and
Ornamental Trees, Shrubs & Vines. Catalog FREE. Write
today. Fairbury Nurseries, Box 3 Fairbury, Neb.

SWEET CLOVER

Big money in sweet clover. Enrich-
es your ground. A money-maker.
Also, Alfalfa, Clover, Alsike,
Orchard Grass, etc., cheap. Get our low
priced seeds, free samples and Seed
Book at every kind of seed, garden, field,
nursery stock, etc. **Galloway Bros. Co.**
Dept. 4 Waterloo, Iowa

GOVT. HELP NEEDED

All men, women, boys, girls, 17 to 65, willing to accept
Government Positions, \$17-\$250, stationary, or near
home, or traveling. Write, Mr. Ozment 157
St. Louis, Mo. immediately.

Business and Markets

Increased Trade Activities Are Reported But Cattle and Hog Prices Show Breaks Again

I. F. JOHN W. SAMUELS

EVENTS in January gave business
a promising start into 1924. Of
outstanding significance have
been the improving prospects for the
three important lines of iron and steel,
building and automobiles. If these in-
dustries are active, general trade will
reflect their well being.

Increased industrial activity, with
better buying of winter merchandise,
has helped business thruout the Middle
West. Lower temperature has quick-
ened trade in seasonal merchandise,
while the release of orders by railroads
and automobile makers has strength-
ened the demand for iron and steel.
Continuance of easy money conditions,
together with the high purchasing
power of the consuming classes, has
strengthened the business situation and
also the public belief that the country
will see active trade for some months
to come. The price movement has been
strengthened by a better tone to com-
modities which a few months ago dis-
played weakness, while the depletion
of retail stocks as a consequence of an
unprecedented January demand has
led to better buying in various lines.

Retrenchment in Some Lines

Agriculture is expected to align its
production with the shifting price sit-
uation in 1924. This suggests retrench-
ments for swine and wheat, and in-
creased outputs for cotton, corn, sheep
and butter. Corn developed unexpected
strength during January. Receipts are
lighter. Hog receipts in 1923 gained
nearly 30 per cent above 1922, break-
ing all records. Prices are lower as a
result. The country's hog population
is 2 per cent under one year ago; that
for beef cattle is 4.8 per cent less, while
dairy cattle increased 3 per cent. Dur-
ing 1923, wheat and flour exports
dropped 26 per cent, but meat gained
32 per cent over 1922.

Hog prices did the expected thing
during 1923. They dropped even lower
than a year ago, according to the
Sears-Roebuck Agricultural Founda-
tion. During the war every effort was
made to stimulate production. Today
the United States is raising twice as
many hogs as six years ago. Exports
average twice as heavy. But the prices
Europe can afford to pay are the low-
est, and these low prices affect not only
the 15 to 20 per cent of the crops sold
abroad, but the entire crop which the
American consumer buys. Exports of
hog products during 1923 were about
a third larger than in 1922. Even on
a dollar basis, foreign countries bought
much more heavily than a year ago.
Europe will continue to buy as long as
the American prices remain low.

All the world is eating our pork, yet
the hog man who is making it isn't
getting full pay for his time. He is
oversupplied. The corn surplus of two
years ago has been turned into pork.
In the first nine months of 1923 pro-
duction increased 26 per cent over that
of the first nine months in 1922. Be-
tween January and October of 1923
there were 26 per cent more hogs
slaughtered under federal inspection
than during the same period of the pre-
vious year. In both years the average
weights were practically the same, yet
the Government's report shows that
only \$9,611,000 more was paid by
slaughterers for 26 per cent more hogs.

Production increase has been offset
by an increase of 23.5 per cent
in domestic consumption during the
first nine months of 1923 and a 37 per
cent increase in pounds of hog exports.
Still there were 5 million to 10 million
head more hogs produced in 1923 than
domestic consumption and export trade
could absorb at prices profitable to the
grower.

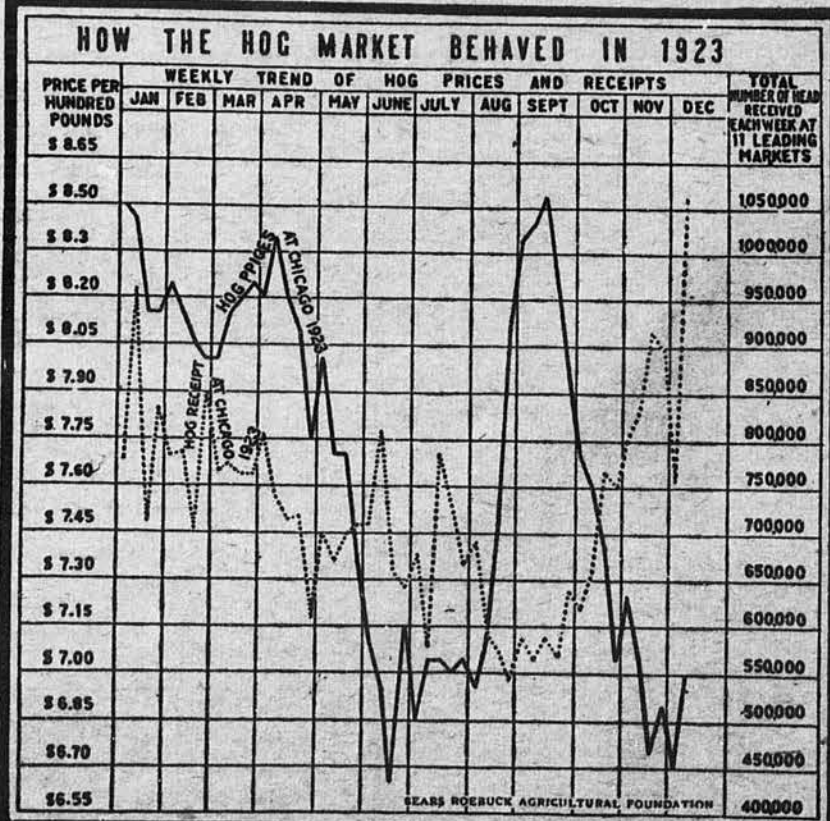
The tendency now is to cut down
production. But the influence of this
curtailment will not be felt until some
time next summer, as both the spring
and fall pig crops of 1923 were large.
The markets will continue to be well
supplied with hogs, especially during
the first few months of 1924. Because
of the ratio between hog prices and
feed costs it is evident that the number
of sows bred for the spring litters will
be greatly reduced. This will lessen
market receipts next fall and winter.

The Outlook for Hogs

With the curtailment of production
started, receipts of hogs in the last
half of 1924 are likely to be lighter
than they were in 1923. Corn probably
has passed its highest point. The hog
market is due for a rise in the next
12 to 18 months. The corn-hog ratio
will likely become favorable by the
latter part of 1924. But for the pres-
ent hog prices remain low.

The seasonal tendency in hog prices
from now until May is upward, ac-
cording to Prof. R. M. Green, K. S. A.
C. marketing head. Twenty-nine years
out of 43 on the Kansas City market,
the top hog price for February has
been higher than that for January.
Twenty-seven years out of 43 the
March price has been higher than the
February price and 21 years out of 43
the April price has been higher than
the March price. But only 11 years
out of the 43 has the May price been
above the April price.

In recent years on the Kansas City
market February receipts have aver-



This Chart Shows Receipts and Prices for Each Month of 1923 at Chicago; Jan-
uary, April and September Were the Peak Points for Prices

Renew Your Light Plant



Sealed Glass Cell

Every UNIVERSAL "Nu-
Seal" cell comes to you fully
charged, ready to use. No
trouble assembling, or fill-
ing or charging. Just hook
up once, that's all.

No Cleaning, Ever

Ample space below the plates takes all the sediment
till battery is worn out. No danger of short circuiting.
An exclusive feature of Universal Batteries.

Allowance for Your Old Battery

For twenty years UNIVERSAL BATTERIES have
proved reliable for use with automobile, tractor,
farm light and power plants—and now radio. UN-
IVERSAL hard plates explain UNIVERSAL BATTERIES'
long life. No matter what make of plant you own
there is a UNIVERSAL BATTERY built to fit it. We
will make you a liberal allowance for your old,
worn-out battery, no matter what the make, when
you purchase a UNIVERSAL.

Free—Battery Guide for Farmers

No matter what kind of a plant you have, this
interesting booklet will show you just how to renew
the system with UNIVERSAL BATTERIES. The right
size for every Farm Power and Light System made.
It also lists Parts for all makes of batteries. "Care
of Batteries" is another interesting booklet which
will be sent FREE with the new Universal Battery
Guide. When you write, mention brand-name and
age of your present batteries, so we can give you the
correct allowance figure. Write today.

UNIVERSAL BATTERY CO.
3419 So. La Salle St., Chicago, Ill.

Imported Melotte

with the self-balancing
bowl. Positively cannot get
out of balance therefore can-
not vibrate. Can't remix
cream with milk. Runs so
quietly, bowl spins 60 minutes
after you stop cranking unless
you apply brake.

\$7.50
After 30 Days
FREE TRIAL

Catalog tells all—WRITE
Caution! U. S. Bulletin 301
shows that vibration
of the bowl causes cream waste!
30 days' free trial—then, if
satisfied, only \$7.50 and a few
easy payments—and—the
wonderful Belgium Melotte Separator
is yours.

Catalog FREE

Send today for free separator book
containing full description. Don't
buy any separator until you have
found out all about the Melotte and
details of our 15 year guarantee.

MELOTTE H. B. BARSON, U. S. Mfr. Chicago
2643 W. 19th St., Dept. 29-72

U.S. Army New Trench Shoes

GOODYEAR WELT—ALL LEATHER

The Perfect Work Shoe



You Can Buy These Shoes At Half The Cost Of Manufacture

Don't confuse these shoes with metallic fastened shoe pre-
viously sold by the government. These shoes are Goodyear
Welts and all made of finest Chrome leather procurable.
Flesh side outside—smooth inside. A nearly waterproof
and acid proof as shoes can be made. Every pair carries
Government Inspection Official Stamp, assuring you of per-
fect materials and workmanship. These are the same shoes
that stood the gaff in France's mud and rain—ask any ex-
soldier.

If your dealer hasn't these shoes in stock, send us Money
Order or \$3.25 and dealer's name and we will send
you a pair parcel post paid, either in car to without Hob-
or plain toe with Hob Nails. Sizes from 5 to 16.

GEORGIA WHOLESALE COMPANY
63 South Broad St.
ATLANTA, GEORGIA

.38 Special

Get this new guaran-
teed blue steel, side
swing cylinder 6 shot
revolver. Extra fine con-
struction and finish. Ar-
cuate, hard hitting. .38
Special, and .32-20. SEND NO MONEY.
Order now and on arrival pay postman
our special low price \$14.95 plus postage.
Chicago Supply Co., 2459 Archer Av., Ohio.

ONLY
\$14.95
ORDER
NOW
C136

EMPIRE
WAGONS
STEEL WHEELS

Low steel wheels (plain or grooved wide tread) make loading and hauling easier. Steel wheels to fit any axle; carry any load. Make any wagon good as new. Reduced prices Catalog Free. Empire Wag. Co., Box 379 Quincy, Ill.

ADVERTISEMENT

FREE MEAT CURING BOOK

To learn the best methods of curing meat, write to E. H. Wright Co., 851 Broadway, Kansas City, Mo., and get absolutely free a new \$1 book, "Meat Production on the Farm," which tells all about meat curing. Free to farmers only. Send name today.

CHAMPION CHICKS
PEEP AT THIS AD.

Trappist White Leghorn Matings. Records to 298 eggs. Chicks \$20 per 100 up. One PURE BRED MATING. PUREBRED STANDARD BRED RANGE FLOCKS. Rocks, Reds, Wyandottes, Whites, Orpingtons, Langshans, \$15 per 100. Buff, Brown, English White Leghorns, Anconas, \$13 per 100. Minoras, other breeds by arrangement. Satisfactory in advertising and dealing. Quality in stock. Catalog free. Sunflower State Hatchery, Bronson, Kansas

HIGHEST QUALITY CHICKS & EGGS

PUREBRED. All leading varieties from HEAVY LAYING STRAINS. Strong, healthy, chicks, lowest prices, 100% live delivery. Satisfaction Guaranteed. Catalog Free. Parsons Poultry Farm & Hatchery, Parsons, Kansas. Member International Baby Chick Association

THE TUDOR HATCHERY

10th Season—Quality and Service
Strong Healthy Chicks—Purebred
White & Barred Rocks, Reds, Wyandottes, Anconas, Orpingtons, Leghorns—bred and tested for Egg Production. 100% Live Delivery Prepaid. Low Prices. Catalog Free. The Tudor Hatchery, Dept. W, Topeka, Kan.

Liberty Bell Incubator!

Patent's patent, world's first self-run incubator. Needs no heat for 18 days; every detail works automatically. Double circuit heating system; no over or under heating with our patent lamp. Hatches strong robust chicks. Brooder cannot be outclassed. Write for catalog. Agents wanted. Liberty Sales Co., 214 E. 6th, Topeka, Kan.

Our Own White Leghorns!

From flock of 454 five-pound birds, averaging 232 eggs each last season. Other leading breeds of selected parentage. 13c up. 100% live delivery, prepaid. Write for quantity discount. HILL CREST HATCHERY, Wellington, Kansas

RYOUNKIN'S CHIX

EST. 1916. Leghorns, Reds, Rocks and Anconas. Hogan raised and culled by K.S.A.C. graduates. Write for new prices. Instructive folder—feeding and raising chicks free. YOUNKIN'S HATCHERY, 101 S. St., Wakefield, Kan.

MRS. DEFOREST'S CHICKS

Tom Barron Leghorns from import & Parentage. Non-sitting S. C. Rhode Island Reds and S. C. Bred for egg production. 13c up. 100% live delivery. Book your order now. PEABODY HATCHERY, Peabody, Kan.

CHICKS PURE BRED BIG HUSKY

fellows from High Grade Bred to Lay farm range flocks White and Brown Leghorns 12c—Barred Rocks single and rose comb. Reds 14c. Buff Rocks, Light Brahmas, Silver Laced Wyandottes 16c prepaid. White Rocks, (state certified Grade A.) McMASTERS HATCHERY, Osaage City, Kas.

GUARANTEED TO LIVE

BABY CHICKS guaranteed to live. From selected all-time range, raised to 100% live delivery. Master Breeders' Hatchery, Cherryvale, Kansas

CHICKS LEADING VARIETIES.

All standard bred from bred to lay flocks. Low prices. Full live delivery guaranteed post paid. Write for catalog and prices. Hiawatha Hatchery, Dept. S., Hiawatha, Kan.

HARDY OZARK CHICKS

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

CHICK FEED GIVEN

CHICKS cheaper than you can hatch them with hens. Buff Orpingtons, Rhode Island Reds, Barred and White Rocks and White Leghorns. Write for free Catalog containing chick feed offer. ZURICH HATCHERY, ZURICH, KAN.

STANDARD BRED CHICKS

Heavy laying, inspected flocks will make you money and save you. Rhode Island Reds, Plymouth Rocks, Leghorns, Wyandottes, Buff Orpingtons, Anconas. Catalog free, it will save you money, write today. BAKER'S HATCHERY, Box 1, Adair, Kan.

BABY CHICKS

Leading varieties, laying strains, live delivery. Postage paid. Low prices. Brewer Hatchery, Box 215, Beloit, Kansas

Buff Orpingtons-Anconas

Chicks prepaid 100 500
Type and production. Anconas, \$17.50. \$85.00
HATCHERY, Box 78, Hutchinson, Kansas

EVERGREENS Hill's Hardy

Fine for windbreaks, hedges and lawn plantings. All hardy, vigorous and wellrooted. We ship everywhere. Write for free Evergreen book. Beautiful Evergreen Trees at moderate prices. B. Hill Nursery Co., Box 100, Dundee, Ill.

aged 18 per cent lighter than January receipts and price 2 per cent higher, quotes Prof. Green. March receipts have averaged 8 per cent lighter than February receipts and March prices have averaged 5 per cent higher. April receipts have averaged 4 per cent lower than those of March and prices 4 per cent higher. May receipts have averaged 21 per cent heavier than April with a price 1 per cent lower.

Our Kansas marketing specialist points out that there are many factors in favor of the seasonal tendency showing itself this particular year. The general price level seems fairly well stabilized for some months at least, and will not be a factor tending to drag hog prices to a lower level. Heavy liquidation of hogs, especially in Kansas City territory from early fall to the close of 1923 should lighten the early spring load. The light stocker and feeder movement back to the country since October when compared with the last three years, favors lighter early spring receipts. Advancing corn prices will likely drive in many of these in February.

Kansas City Livestock Sales

A weather market prevailed at Kansas City in livestock this week. In the first three days weather conditions, not only delayed the movement of livestock in all directions, but prevented loadings. After Wednesday shipping conditions were nearly normal, and the market for cattle and hogs lost the 50 cent advance made early in the week, and sheep and lambs retained the entire advance, closing strong. A heavy movement of fat livestock is under way for Chicago and more Northern markets.

Receipts this week were 32,025 cattle, 4,575 calves, 40,325 hogs, and 23,350 sheep as compared with 32,400 cattle, 4,715 calves, 36,625 hogs, and 26,050 sheep last week, and 34,200 cattle, 5,450 calves, 74,800 hogs, and 27,050 sheep a year ago.

Beef Cattle Gain and Lose

Prices for fat cattle advanced 35 to 50 cents in the first three days of the week, but in the last two days the gain was lost, and the general market returned to last week's closing level. The general market as well as transportation was unsettled by severe weather conditions. Indications are that normal receipts and demand will prevail next week. The best steers this week sold Thursday at \$10.60, and other choice steers at \$10 to \$10.50. Prime steers would have brought \$11.50 or better had they been offered. The bulk of the fair to good steers sold at \$8.25 to \$9.50. Cows and heifers found a better outlet. Only small net changes were reported in prices. Veal calves remained steady, top \$12.

Weather conditions caused light receipts of stockers and feeders and at the same time resulted in a small country demand. Prices held steady. Moderate weather will increase demand.

Top for Hogs is \$7

Hog prices fluctuated within a 50 cent range this week, and today were in the same position as a week ago, top \$7, and bulk of sales \$6.70 to \$6.95. Wednesday the top price reached \$7.50, the highest since last October, and a new high for the winter packing season. Increased supplies since Wednesday, together with a heavy run in sight for Chicago and more Northern markets next week, caused the setback in prices.

Sheep, Horses and Mules

Prices for sheep and lambs are the highest of the week and season. Choice lambs are quoted up to \$14.25, and good lambs sold at \$14 to \$14.15, ewes \$8.25 to \$8.50 and wethers \$9 to \$9.75. No yearlings arrived after Thursday, when they sold up to \$12.

Trade in horses and mules was active this week at strong prices. Southern demand is large.

The following quotations are given at Kansas City:

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

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

Dairy and Poultry

Not much change is reported in prices for dairy and poultry products (Continued on Page 31)

VIGOROUS BREEDERS STRONG CHICKS

Mating time is the time that your breeders should be in the pink of condition—so that they can impart health and vigor to their offspring—the chicks. Begin now to condition your breeders.

Feed

Dr. Hess Poultry PAN-A-CE-A

Then you get chicks that are strong and livable. Chicks that can resist the attacks of disease—the little-chick ailments. Pan-a-ce-a is not a stimulant, mark you—it's a tonic that does its good work nature's way. It insures fertile eggs for hatching. Tell your dealer how many hens you have. There's a right-size package for every flock. 100 hens, the 12-lb. pkg. 200 hens, the 25-lb. pail 500 hens, the 5-lb. pkg. 500 hens, the 100-lb. drum. For fewer hens, there is a smaller package. **GUARANTEED**

DR. HESS & CLARK Ashland, O.

Dr. Hess Instant Louse Killer Kills Lice

New Low Prices On Miller Baby Chicks—Season 1924

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

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

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

MILLER HATCHERIES BOX 611 LANCASTER, MISSOURI

HUBER'S QUALITY PURE BRED CHICKS

Our 12th Year 300,000 for 1923

Huber's Quality Chicks, Pure Bred from selected healthy stock. Leghorns, Rocks, Rhode Island Reds, Orpingtons, Wyandottes. Postage paid. Live arrival guaranteed. Big illustrated catalog free. HUBER'S RELIABLE HATCHERY, Dept. A, Hiawatha, Kansas.

BABY CHICKS—Lowest Prices Ever Offered

Stock That Will Please You. Order direct from this ad at the following low prices. Via parcel post—97% live delivery.

Variety	50	100	300	500	1,000
Bar. Rocks, R. & S. C. Reds, S. C. M. Anconas.....	\$7.50	\$14.00	\$65.00	\$125.00	\$250.00
White Wyandotte and Buff Orpington.....	8.00	15.00	43.50	70.00	135.00
S. C. W. Leghorn, S. C. Brown Leghorn.....	7.00	13.00	38.00	60.00	110.00
S. C. W. Leghorn—English.....	8.00	15.00	43.50	70.00	135.00
S. L. Wyandotte.....	8.50	16.00	46.50	75.00	140.00
Light Brahmas.....	11.00	20.00	58.00	95.00	180.00

Member Missouri State, Mid-West and International Baby Chick Associations.

MILLER-MATLICK HATCHERY BOX 821 KIRKVILLE, MISSOURI

BIG U.S. GOVT. HARNESS SALE

Save Half or More! Slightly used with brand new bridle. NEW harnesses few dollars more. 20,000 sets sold. Money Back Guarantee. Write for Big Bargain Book. Astounding 30-Day Sale, NOW! U.S. FARM SALES CO., 331 N. 9th St., SALINA, KANS.

HIDES TANNED

Best low prevailing prices on hides by having them made into coats, robes and harness leather. You have the hides. **COWNIE** The old reliable tanner will tan them and make it possible for you to keep the profit in your own pocket. COWNIE TANNING CO., 622 Market St., Des Moines, Iowa



FOR POULTRY

Get right—then
being right becomes
a habit

THE ration that is fed poultry, especially laying hens, must be well-balanced. Plenty of water and good digestible feed are important, but if calcium carbonate, the mineral vital to poultry, is not also given to round out the diet, much of the other food goes to waste.

Pilot Brand Crushed Oyster Shell-Flake is a perfect mineral food for fowls, because it is over 98% calcium carbonate. Pilot Brand is pure oyster shell, containing no dirt or clam shells. It is packed in new 12-oz. 100 lb. burlap bags.

A pan of Pilot Brand kept always before your flock, "insurance" for the future, promotes good production and makes certain the production of more and harder shelled eggs.

OYSTER SHELL
PRODUCTS CORP.

Security Building
St. Louis, Mo.

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

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

140 Egg Incubator & Brooder 19.75
260 Egg Incubator, only 23.50
260 Egg Incubator & Brooder 32.90

Express paid Post of Stocking. No "days" trial—money back if not satisfied. Write for true catalog or order direct from this advertisement.

IRONCLAD INCUBATOR CO.
Box 23
Racine, Wis.

140 Egg Incubator \$13.85 30 Days Trial

Freight Paid east of the Rockies. Hot water, copper tanks—double walls—dead air space—double glass doors—a real bargain at \$18.85. Shipped complete, set up ready to run.

140 Egg Incubator and Brooder - \$17.75
180 Egg Incubator Alone - 15.75
180 Egg Incubator and Brooder - 22.00
250 Egg Incubator Alone - 22.75
250 Egg Incubator and Brooder - 31.00

Made of California Redwood. Positively the best value on the market. Order direct from this ad. 30 days trial—money back if not pleased. If not ready to order now, don't buy until you get our 1924 catalog which shows latest sizes up to 1000 eggs.

IRONCLAD INCUBATOR CO. Dept. 135 Racine, Wis.

YOUNG'S HUSKY CHICKS

1924 Season. 125,000 for 1924. Satisfied customers everywhere. S. and R. Comb Reds, White and Barred Rocks, Silver and White Wyandottes, Orpingtons and Leghorns. Flocks culled for Egg Production. Low prices. Postpaid, guaranteed alive.

Young's Hatchery, 1013A, Wakefield, Ks.

CHICKS

Vigorous, livable, standard bred, from 25,000 bred to lay hens. Postpaid, 100% arrival guaranteed.

White, Brown Leghorns, \$9.75; 100, \$12.50; 500, \$60. Barred Rocks, R. I. Reds, Anconas, Buff Orpingtons, \$9.75; 100, \$12.50; 500, \$20. White Rocks, White Wyandottes, \$9.75; 100, \$12.50; 500, \$18. Silver Wyandottes, Black Minorcas, \$9.75; 100, \$12.50; 500, \$18. Light breeds, 100, \$10; Heavy breeds, 100, \$12. Bank red. Illustrated catalog free.

BUSH'S POULTRY FARMS, Dept. K2, Clifton, Mo.

Capper Poultry Club

Farm Girls and Mothers Are Invited to Enroll
For a Year of Profit and Fun

BY RACHEL ANN NEISWENDER
Club Manager

DID you ever stop to think that almost everything really worth while has a price tag attached to it? Almost everyone has to pay—in some way—for the things he has. And hard work is the coin that purchases most of the things we desire. Hard work has brought happiness in the form of cash and breeders' prizes to many of the poultry club girls. Today we're going to enjoy a few of the annual stories which were turned in with the annual reports, and in these stories the winners of some of the best prizes tell how they worked to win.

Grace Believes in Good Care

Grace Harrison of Linn county, winner of the trophy cup for the highest profit record writes:

When I first entered the Capper Poultry Club I had a good pen and hen house built for my chickens. I was careful to keep these clean, and careful, too, to keep fresh water before my chickens at all times.

After a few weeks I began to set eggs. I have an incubator. This meant that the eggs were to be cared for regularly. Three weeks after the eggs were set I began to hear little chickens.

After 48 hours I fed them sour milk and sand. For a few weeks I fed them hard boiled eggs, rolled oats and sour milk. Later I fed them chick feed. I hatched my last chickens in May.

When July came and I turned out the chickens, they seemed to be glad, but still they stayed in their pen for a long time. Soon I began to sell chickens and that gave me more profit.

I cared for my little flock regularly and now it is just about time to begin all over again, and I'm hoping to have better success this year.

Start Early to Win Success

Laura Moellman of Lyon county won second in the pen department and this is what she has to say about the methods she used in producing profitable poultry.

I belong to the small pen department, which I entered the first of February. I penned my chickens the middle of January so as to get them started to laying by the first of February. My hen house has two windows on the south which afford plenty of sunshine and also plenty of light. I have a big roomy scratching pen.

I fed my chicks regularly morning, noon and night. I fed them kafir in the morning and corn in the evening. At noon I gave them a little sprouted oats. I also fed meat scraps, such as worms or bones, chopped up fine, and left-overs from the table. I kept plenty of fresh water before them at all times and also a dry mash. I cleaned the hen-house twice a month and disinfected it thoroughly and kept plenty of litter for them to scratch in. I made a profit of \$312.85 from my little flock and feel repaid for the work I had to do and the care I gave them.

Her Chickens Were Pets

One girl, Rena Leshbaugh of Labette county, thinks baby chicks are just as pretty as they are profitable. Rena did excellent work this year and won first in the baby chick department. Here is her story:

When the eggs hatched and I took the little chicks from the nest I thought they were the prettiest I had ever seen. They were so tiny, so of course I wanted to take the best care possible of them. I fixed a nice box for them and I could get a larger soon.

For the first few days I fed them oatmeal. I gave them sour milk for a few minutes every day and increased the amount as they grew older. When they were about 2 weeks old I began feeding them corn chop, ground kafir and corn mixed with a little oatmeal. After they were a month old I discontinued feeding oatmeal. I was now feeding them about a pint of sour milk each day and plenty of fresh water.

They were gentle because I kept them in the yard and I was always picking them up and carrying them around. They grew fast and I still thought they were the prettiest chickens ever.

I never lost any of them except by accident. They are pretty now and I still like to care for them. I think I will always want to raise a few chickens if they are as pretty as my contest chickens are.

How a Club Mother Works

Mrs. Fred Johnson of Franklin county won the mothers' cup for pep this year. We'll read her annual story and see how she manages the farm flock.

In the morning I feed grain, such as oats, wheat or kafir in a deep litter. I throw it down on the litter and then take a fork and stir it all up, because if the straw isn't stirred the grain will lay on top of it, and the hens will pick up much of it before it falls in the litter, and by so doing they will miss some good exercise.

I always keep plenty of fresh water before them, as well as oyster shells. I keep bran shorts, tankage and corn chop in a hopper before the hens at all times, too. In the afternoon and before night I feed a generous feed of corn. In the winter when the hens are confined to the house, I feed green feed once a day. Sometimes it is rye clippings, and sometimes it is rape or turnip tops. Also when the hens are confined in the house I cook a pot of oats each morning and feed them at noon. With the oats I mix some of the mash until it crumbles and I salt this generously. I also salt the bran mash.

I like to hatch off my chickens early because they take more care, and have to be kept up until warm weather, and are about half grown before they are turned out on the range. I find I raise more of the early chickens than I do the later ones. The late ones seem to be turned out on the range too soon, and of course this is necessary because it is too warm in the house for them. The crows and hawks usually bother the late chickens, too. I hatch all of my chickens with an incubator and raise all of them with a brooder stove.

Only a Few Weeks for Enrollment

Miss Flanagan and I are busy with enrollment, for applications are coming in every day. We need more help, so I'm going to ask every girl who has enrolled for this year to consider herself appointed to help us line up a team in her neighborhood. It's much more fun to work with a team, and I'll be glad to give your girl friends any information they wish if they'll either write to me or fill out the application blank and send it in. And any other girl, not enrolled in the club, who wishes a bank account, a business of her own, new interests and lots of good times may obtain information about our club work by writing or sending in the blank. We only have until March 15, and I really would like to line up 300 girls before that time. Remember Senator Capper will help you purchase your contest entries, if you do not have the money. Let's all get busy now!

Medically Speaking

It was a hot day and seven cars were waiting their turn at the filling station. The last one was a steaming little 1917 Rattler, with six rattles and a button. Finally, it came its turn and the peevish attendant yelled: "How many gallons?"

The driver of Elizabeth held up one finger.

Said the attendant: "What in blazes are you tryin' to do? Wean it?"

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager

Rachel Ann Neiswender, Poultry Club Manager

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

.....county in the Capper

.....Club.
(Write pig or poultry club)

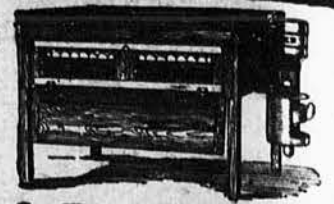
I will try to get the required recommendations and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail & Breeze, and will make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

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

Approved..... Parent or Guardian

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

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



A Big Hatch Every Time!

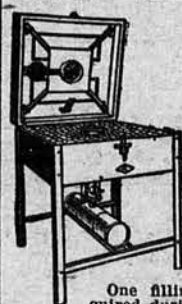
Strong Chicks that Thrive!

BIG hatches are not a matter of luck when your incubator is an Automatic. Results are sure—because conditions for hatching are always exactly right. No overheating—no underheating. Temperature is controlled automatically by Patented Automatic Revolving Chute—the most important incubator invention in years. Other big improvements, too. All fully explained in the Automatic Catalog. Write for copy.

THE AUTOMATIC INCUBATOR CO.
Est. 1912. Dept. 10. Delaware, Ohio

AUTOMATIC INCUBATORS

New Perfected X-RAY INCUBATOR AND BROODER



NEW LOW PRICES!

New X-Ray corrugated redwood and pressboard combination walls, with central heating plant and automatic flame control are the greatest incubator improvements ever made. Automatic flame control and perfect insulation save oil and trouble.

One filling of lamp oil that is required during the entire hatch. X-Ray Incubators have run successfully several days without any attention whatever.

Compare X-Ray exclusive features with any old style machine and see why X-Ray Perfected Incubators hatch every fertile egg at less cost.

Heat is deflected from double glass top which allows operator to see thermometer and valve hatching chamber without lifting the lid.

Hundreds of poultry experts are using from one to twenty X-Rays. Buy the 400-egg size X-Ray Perfected Incubator which can be operated for less expense than any 100-egg size old style hot water machine. Make money selling baby chicks to neighbors and others.

Send quick for new reduced price list and New 1924 Free X-Ray book describing 21 exclusive features. We prepay all transportation charges.

X-RAY INCUBATOR COMPANY
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Strong-Healthy Chicks

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

Quick shipment. Orders booked and paid. Live delivery guaranteed. Illustrated catalogue on request. Price list on request.

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Box 404 Centerville, Iowa

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Don't let ROUP, COLDS, CANKER, SOREHEAD, BOWEN'S SHADY BROOK FARM, TROUBLE, etc., etc., etc., prevent your easy to cure or prevent. "The Easy Way" Book, 64 pages, tells you how to detect, what ailments, how to detect, what ailments, how to detect, what ailments, etc. Germzone (75c and 1.50) and this FREE book at \$1.00 on request. BOWEN'S SHADY BROOK FARM, Union State, Iowa.

BOWEN'S SHADY BROOK FARM.

Select flock chicks with a living reputation. Real THOROBBREDS. ANGONAS—my specialty. Also Rocks, Leg, Wyandottes. Dependable quality. High official government egg record. 100% sale delivery. Interesting catalog on request. BOWEN'S SHADY BROOK FARM, Union State, Iowa.

QUALITY Chicks & Eggs

45,000 PURE BRED BREEDERS. 15 varieties, laying strains. Incubate 25,000 eggs daily. Catalog prepay price. Free live delivery. Missouri Poultry Farms, Columbia, Mo.

64 BREEDS Most Profitable Chickens and Eggs. Choice, pure-bred northern raised. Eggs and incubators at low prices. At a 31 year old's great poultry farm. Valuable 100-page book and catalog free. R. F. NEUBERT Co., Rt. 628 Mankato, Minn.

Plans Kansas Farm Policy

Farmers and Bankers Undertake Move for a Permanent Prosperity in Agriculture

BY M. N. BEELER

UNDER a plan presented during Farm and Home Week at Kansas State Agricultural College, February 4 to 8, a program to insure permanent prosperity in agriculture will be undertaken. In discussing the plan, Dr. W. M. Jardine, president of the college, said that the desire of all groups, business men, bankers and merchants as well as farmers, to remedy existing agricultural conditions, would be crystallized into constructive action.

A Constructive Remedy

"A multitude of remedies for agricultural ills have been proposed," said President Jardine. "Some are foolish and others have merit. We have outlined one which is constructive and one upon which all groups can unite. It is one which farmers can put into practice."

The plan was presented to members of the Kansas Bankers' Association and methods of putting it into effect were discussed by members of the college staff. Essentially it is a diversification program for Kansas farms. Pointed talks by specialists showed how agriculture might be made less hazardous by a soil improvement, rotation, livestock, dairy and poultry program.

"This program is not different from that adopted by many farmers in different sections of the state," said President Jardine. "We know what they have accomplished and from observation knew that the farmer who undertakes this program should obtain larger acre yields, better producing animals, better quality products and consequently higher prices. It will enable a more complete, uniform and continuous utilization of both man and horse power. It will effect a reduction in over-head expenses, make each farm more self-supporting, eliminate the hazards of the single cropping system and result in greater profit for the farmer's effort. Improved educational and recreational facilities will follow just as they have followed in communities where a major proportion of the farmers have adopted diversification in their operations. Greater contentment and more happiness will result from the improvements which follow a better financial condition."

Bankers' Agricultural Committee

The bankers' association appointed the following agricultural committee to co-operate with the college and with similar committees from other groups in effecting a more stable agricultural prosperity: Chairman, A. G. English, president of the Macksville State Bank; H. S. Buzick, Jr., vice-president of the Sylvan State Bank; F. M. Arnold, president the Commercial National Bank, Emporia; H. M. Turner, cashier the First National Bank, Atchison; O. E. Hawkinson, cashier the Marquette State Bank; B. A. Welch, cashier the State Bank of Kingman; George W. Hanna, presi-

dent the Farmers' State Bank, Clay Center.

Attendance at the general meetings thruout Farm and Home Week was light. The blizzard on Monday, the opening, with the threat of blocked roads, undoubtedly kept many farmers at home. The program was one of the best that ever has been prepared. Short courses were offered in livestock, crops, soils, dairying, poultry, agricultural economics, fruit and truck growing, home economics, farm engineering, veterinary work, zoology, and cream station operating. A number of purebred breeders' organizations, the crop improvement association, and the wool growers' association held business meetings during the week.

Business and Markets

(Continued from Page 29)

at Kansas City this week. The following quotations are given:

Butter—Creamery, extra, in cartons, 54 to 55c a pound; packing butter, 26c; No. 1 butterfat, 47c; No. 2 butterfat, 44c.

Eggs—Firsts, 35c a dozen; seconds, 30c; selected case lots, 43c.

Live Poultry—Hens, 21c a pound; broilers, 27c; springs, 20c; roosters, 11c; turkey hens and young toms, 22c; old toms, 17c; geese, 12c; ducks, 18c.

Late Quotations on Futures

Wheat scored a notable advance at Chicago in the last hour of the board of trade session. Active buying ascribed to the Northwest, furnished most of the impetus. Closing prices were firm, $\frac{1}{8}$ c to $\frac{1}{4}$ c higher, May $\$1.12\frac{1}{4}$ to $\$1.12\frac{3}{4}$ and July $\$1.12\frac{1}{4}$ to $\$1.12\frac{3}{4}$. Corn finished unchanged to $\frac{1}{8}$ c to $\frac{3}{8}$ c gain and provisions at the same as yesterday's latest figures to 7c lower.

In the oats market, a slightly better shipping inquiry was apparent. Forecasts of large arrivals of hogs next week eased the provision market.

The following quotations on grain futures are given in Kansas City:

May wheat, $\$1.06\frac{1}{4}$; July wheat, $\$1.05\frac{1}{4}$; May corn, $76\frac{1}{2}$ c; July corn, $76\frac{1}{2}$ c; September corn, $77\frac{1}{2}$ c; May oats, Chicago basis, $49\frac{1}{4}$ c; July oats, $47\frac{1}{2}$ c; May rye, Chicago basis, $74\frac{1}{4}$ c; July rye, $75\frac{1}{4}$ c.

Advances of 25 to 50 points on cotton futures were reported for the week and the following quotations are given at New York City: March cotton, 33.50c; May cotton, 33.72c; July cotton, 32.33c; October cotton, 28.05c; December cotton, 26.70c; spot middling cotton, 33.85c.

Seeds and Broomcorn

The following prices on seeds and broomcorn are given at Kansas City:

Seeds—Alfalfa, $\$12$ to $\$18$ a cwt.; cane, $\$1.40$ to $\$2$; bluegrass $\$20$ to $\$25$; flaxseed, $\$2.25$ a bushel; millet, $\$1.25$ to $\$2.50$; soybeans, $\$1.75$ to $\$1.80$; Sudan grass, $\$6$ to $\$6.50$.

The Kansas Farm Program

THE following program to insure permanent prosperity in agriculture in Kansas has been formulated by farmers and bankers of the state:

- 1—Conservation of soil resources thru crop rotation, the growth of legumes, and a proper balance between crops and livestock.
- 2—Some livestock and poultry on every farm and the gradual improvement of their quality and productiveness by better breeding, feeding and management.
- 3—Orderly production, including improved and standardized quality, as the most essential step in satisfactory marketing.
- 4—Better business methods in production and marketing, including the keeping of simple records, better organization of the farm business and constructive co-operative action.
- 5—Promotion of independent farm ownership by reducing the tax burden on land and by vigorous development of rural education.
- 6—More attention to the improvement of the farm home and its surroundings.
- 7—Continued support of research work to discover new truths about agriculture and country life as a basis for education and progress.
- 8—The promotion of community schools. The old one-room school must be replaced with a modern community school in order that farm boys and girls may have an equal educational opportunity with city boys and girls.

Make Money Raising Poultry

With A Champion

Belle City

The Hatching Outfit that, in twenty-four years, has brought success and big cash profits to over a million satisfied users.

My new Poultry Book "Hatching Facts" tells how—contains practical, money-making suggestions that will start you right. It's Free—write for it, or better still, order today. Get into this interesting, profit-paying way of raising poultry now. You can't lose when you use my

\\$13⁹⁵ Champion Belle City 140 Egg Incubator
\\$21⁹⁵ Belle City 230 Egg

300 Chicks 800

36-Inch Canopy **\\$14⁹⁵** 50-Inch Canopy **\\$16⁹⁵**

500 Chicks 1000

42-Inch **\\$19⁹⁵** 52-Inch **\\$24⁹⁵**

With Fibre Board Double Walled construction, Copper Hot-Water Tank—Self-Regulated Safety Lamp—Thermometer and Holder—Deep Chick Nursery—Egg Tester. Both sizes will hatch chicks, ducks, turkeys and geese equally well. A Complete Hatchery.

140 Size Incubator and Brooder \\$18⁹⁵
230 Size Incubator and Brooder \\$29⁹⁵

Express Prepaid

East of Rockies and allowed to points West on all shipments. Gets machines to you Post-Haste—in 2 to 5 days. Gives you one more early hatch. If you prefer a large capacity Brooder, my Guaranteed Oil and Coal

Burning Canopy Type (illustrated here) will meet your requirements best. When ordering a Colony Brooder and Incubator together deduct $\$1.95$. Either size or style Belle City Hatching Outfit insures Success. Save Time

Order Your Belle City Today

At these lowest factory prices. Thousands order direct from my advertisements. With a Guaranteed Belle City Hatching Outfit, and my

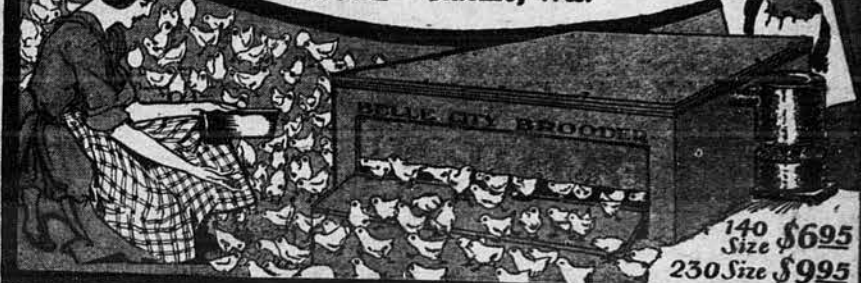
Poultry Guide Book, you'll get the biggest hatches of strongest chicks with least effort and at lowest cost. Besides, you can share in

My Offers Of \\$1000 in Gold

and other prizes. They provide easy ways for you to earn extra money. Full information comes with "Hatching Facts." Get an early start—time means money to you—the early broods pay best. Order now, or write me today for Free Catalog, "Hatching Facts." It tells the whole interesting story. —Jim Rohan, Pres.

Belle City Incubator Co.

Box 21 Racine, Wis.



140 Size **\\$6⁹⁵**
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COMBINED QUALITY TYPE PRODUCTION

100% Live Delivery Guaranteed
S. C. White, Buff, Brown Leghorns; Barred and White Rocks; R. I. Reds; Anconas; Wyandottes; Black Minorcas; Buff Orpingtons; Light Brahmas; Black Giants
BIG, HUSKY, VIGOROUS CHICKS
Popular Prices—Chicks 12c up
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Armour Cords guaranteed by Indemnity Bond against Blow Out, Wear and Tear, Stone Bruise, Tread Separation, Blistering and Rim Cut for 12,500 miles. We are actual manufacturers. Write today for great Special Offer to Agents, and low Factory Prices.
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20 models. Catalog containing full treatment on spraying FREE. Reduced prices.
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No. 50M

Special 10-Day Offer

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

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Swedenborg's work, "Heaven and Hell" 400 pages, 25 cts., postpaid. Pastor Landenberger, Windsor, FL, St. Louis, Mo.

Fielder's Glove for Boys

Boys, do you want to become noted ball players? If you do this glove will help you and is just what you need to catch high flies and stop those hot grounders. Safety first always. Do not take a chance of injuring a finger. This dandy glove will protect your hand and help you win many games for your team.
Our Offer The glove is boy's size, brown tan leather, well padded with good grade of felt padding, inside hump, webbed thumb, well made throat. This Glove will be given free for a club of six yearly subscribers to CAPPER'S FARMER at 25c ea., $\$1.50$ in all. Sent postpaid.
CAPPER'S FARMER, TOPEKA, KANSAS



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10.....	\$1.00	\$3.20	26.....	\$2.60	\$8.32
11.....	1.10	3.52	27.....	2.70	8.64
12.....	1.20	3.84	28.....	2.80	8.96
13.....	1.30	4.16	29.....	2.90	9.28
14.....	1.40	4.48	30.....	3.00	9.60
15.....	1.50	4.80	31.....	3.10	9.92
16.....	1.60	5.12	32.....	3.20	10.24
17.....	1.70	5.44	33.....	3.30	10.56
18.....	1.80	5.76	34.....	3.40	10.88
19.....	1.90	6.08	35.....	3.50	11.20
20.....	2.00	6.40	36.....	3.60	11.52
21.....	2.10	6.72	37.....	3.70	11.84
22.....	2.20	7.04	38.....	3.80	12.16
23.....	2.30	7.36	39.....	3.90	12.48
24.....	2.40	7.68	40.....	4.00	12.80
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We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

Special Notice All advertising copy intended for the Classified Department must reach this office by 12 o'clock Saturday morning, one week in advance of publication.

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RUMMAGE SALES MAKE \$50.00 DAILY We start you. Representatives wanted everywhere. Wholesale Distributors, Dept. 101, 849 Division Street, Chicago.

WE PAY \$200 MONTHLY SALARY Furnish car and expenses to introduce our guaranteed poultry and stock powders. Bigler Company, N71, Springfield, Ill.

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SALESMEN: EARN \$40 TO \$75 A WEEK selling our famous fruit and ornamental trees, plants, flowers, etc. All or part time. No experience needed. Write today for our sales plan. Mount Hope Nurseries, Box 293, Lawrence, Kan.

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GET A BUSINESS COLLEGE COURSE AT home. Prepare to earn \$1200 to \$2500 yearly. Graduates placed in good positions. Details free. Brown's Home Study School, A-24, Peoria, Ill.

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TYPEWRITERS SOLD ON PAYMENTS. Free trial. Payne Company, Rosedale, Kan.

TYPEWRITERS, TRIAL: PAYMENTS guaranteed. Write Yatz Typewriter Co., Shawnee, Kan.

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HOMESPUN TOBACCO—CHOICE CHEW- ing 35c a pound; medium 30c. Choice smoking 25c; mild 20c. Pipe free. Send no money. F. Gupton, Cunningham, Ky.

KENTUCKY TOBACCO—CHEWING, FIVE pounds \$1.75; ten \$3. Smoking, five pounds \$1.25; ten \$2. Pipe and recipe free. Pay when received. Co-operative Farmers, Paducah, Ky.

TOBACCO—KENTUCKY HOME SPUN. Mellow and sweet, 5 lbs. Best grade chewing, \$2.00; 10 lbs. best grade chewing, \$3.75; 5 lbs. best grade smoking, \$1.25; 10 lbs. best grade smoking, \$2.00. Planter's Tobacco Union, Box 311, Mayfield, Ky.

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CERTIFIED KANOTA OATS \$1 BUSHEL. L. C. Swihart, Lovell, Kan.

KANOTA OATS, \$1.00, F. O. B. 75c AT bin. Clem Highley, Atchison, Kan.

PURE KANOTA OATS, \$1.00 BUSHEL. Henry Dudgey, Conway Springs, Kan.

TEN PACKETS GARDEN SEEDS POST- paid, 45c. Harry Curre, Atchison, Kan.

SUDAN GRASS SEED, CERTIFIED AND tested. C. M. Piper, Garden City, Kan.

PURE CERTIFIED KANOTA SEED OATS. Sacked 95c. Henry Loose, Bremen, Kan.

WHITE SWEET CLOVER, FARMER'S prices. Information. John Lewis, Virgil, Kan.

RECLEANED INSPECTED KANOTA OATS \$1 bushel. W. D. Esamiller, Great Bend, Kan.

PRIDE OF SALINE CORN, CERTIFIED, \$2 per bushel. H. T. Brenner, Waterville, Kan.

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CERTIFIED PRIDE OF SALINE AND Freed White Dent seed corn. Sam Eitzen, Hillsboro, Kan.

KANOTA OATS, CERTIFIED, GERMINA- tion 98%. \$1 per bushel. Leon Boersma, Bird City, Kan.

KANOTA OATS, STATE CERTIFIED, cleaned, germination 96 1/2%, \$1.00. C. L. Myers, Hardy, Neb.

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BRAHMA ROOSTERS FOR SALE, \$3.00. C. S. Gabelmann, Natoma, Kan.

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English White, Single Comb Buff and Brown
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Shipped by parcel post. 100% live delivery
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DARK CORNISH. FOR QUICK SALE! Five males, twenty females. **J. P. Bridges, Douglass, Kan.**

DUCKS AND GESE

TOULOUSE GESE, \$6.00 PAIR; \$7.50 trio. **Jake Hess, Eldorado, Kan.**

BUFF ORPINGTON DUCKS, \$2; DRAKES \$2. **Lyda Zickelroose, Rossville, Kan.**

WHITE MUSCOVY DUCKS. CHINESE Geese. **Mrs. John Maine, Lebo, Kan.**

GESE, DUCKS. LEADING VARIETIES. Free circular. **John Hass, Bettendorf, Ia.**

BUFF ORPINGTON DUCKS. THE KIND that pay. **Mrs. Chas. Snyder, Effingham, Kan.**

ENGLISH PENCILED RUNNER DUCKS and drakes, \$1.50 each. **Earl Smith, Gove, Kan.**

WHITE RUNNER DUCKS \$5 TRIO. LEG- horn cockerels \$1.50. **Will Tonn, Haven, Kan.**

TOULOUSE GESE; GANDERS AND hens, \$3.00 each. **Chas. Standley, Lucas, Kan.**

PURE BRED FAWN AND WHITE IN- dian runners. Prize winning stock. Drakes
\$2.50, ducks \$2. **Mrs. Helen Romary, Oliv-
et, Kan.**

HAMBURG

PURE BRED HAMBURG COCKERELS, \$2, \$4. **Susie Wright, Box 224, Sublette, Kan.**

LEGHORNS

ROSE COMB BROWN LEGHORNS, 75c up. **Otto Borth, Plains, Kan.**

PURE BRED WHITE LEGHORN COCK- erels \$1. **Robert Marshall, Syracuse, Kan.**

CHOICE SINGLE COMB BUFF LEGHORN cockerels, \$1.50-\$2. **Gus Newell, Chapman, Kan.**

PURE ROSE COMB WHITE LEGHORN cockerels, \$1.25. **Uriah Slabach, Conway, Kan.**

CHOICE SINGLE COMB WHITE LEG- horn cockerels, \$1.50. **Lawrence Diebolt, Iola, Kan.**

PURE ENGLISH BARRON WHITE LEG- horn eggs; baby chicks. **Alta Hynes, Arlington, Kan.**

FERRIS BEST LAYING STRAIN, COCK- erels, pullets, \$1.50. Eggs, chicks. **Hemp-
hill, Baldwin, Kan.**

SINGLE COMB WHITE LEGHORN (BAR- ron strain) choice cockerels \$1.50; eggs
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WHITE LEGHORN COCKERELS, CHICKS, eggs from best flock in country. Catalog.
Oak Dale Farms, Box K, Le Roy, Minn.

PURE TANCRED LEGHORNS. EGGS from farm flock. Bred from Imperial
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GOOD ROSE COMB BROWN LEGHORN cockerels \$1.25. Dozen White Leghorn
pullets \$10. **Eleanor Croft, Garden City, Kan.**

LARGE ENGLISH-AMERICAN-PRODUCER White Leghorn chicks \$14.00. Catalog.
Mapleside Leghorn Farm, Box K, Tremont, Illinois.

SINGLE COMB BROWN LEGHORN COCK- erels, some frosted combs, \$1.25; 5 for \$6.
Hens \$10 dozen. **Sophia Hunt, Blue Rap-
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PURE FRANTZ HEAVY WINTER LAY- ing Single Comb White Leghorns: Chicks
14c; live arrival; eggs 10c-15c, postpaid. **P. B. Way, Canton, Kan.**

WILSON'S BUFF LEGHORNS BRED FOR large chalk white eggs (297 strain). Real
quality stock. Eggs, chicks. **Herb Wilson, Box M, Holton, Kan.**

SINGLE COMB DARK BROWN LEG- horns. Write for prices on eggs from
special pens and range flock. **Miss Millie
Selars, Mahaska, Kan.**

WHITE LEGHORNS, ENGLISH STRAIN. Imported blood, superior layers. Baby
chicks \$12.00, eggs \$6.00, postpaid. **Joseph
Carpenter, Baldwin, Kan.**

LARGE PURE WHITE SINGLE COMB Leghorns, extra good layers. Eggs \$4.50-
100. Chicks \$12.50-100. Prepaid, live de-
livery. **James Christiansen, Canton, Kan.**

TANCRED PRIZE WINNING SINGLE Comb White Leghorns. Excellent layers.
Eggs 5c. Tanager Imperial mating cock-
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PURE TOM BARRON S. C. WHITE LEG- horn chicks and eggs from my own flock
of 2,000 layers. Satisfaction guaranteed.
Catalog free. **Mrs. Mary Ginn, Indianola, Iowa.**

IMPORTED ENGLISH BARRON, HIGHEST egg pedigree blood lines S. C. W. Leg-
horns, record 303 eggs. Pullets, eggs, husky
chicks. Guaranteed. **Geo. Patterson, Rich-
land, Kan.**

HATCHING EGGS AND BABY CHICKS from trapnested-bred-to-lay S. C. W. Leg-
horns. Egg record up to 303 eggs. Discount
on early orders. **Martin Egg Farm, Hiawatha, Kan.**

FROM STATE CERTIFIED CLASS B SIN- gle Comb White Leghorn flock bred for
high egg production. Cockerels \$1 to \$2;
hatching eggs \$4.00 hundred. **Henry W. Adam, Wakefield, Kan.**

PRODUCTION STRAIN TRAP-NESTED White Leghorn chicks. Washbone hatched.
Also Hoganized Barred Rocks and Reds.
Hatching eggs. Order early. Circular. **Leg-
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CERTIFIED CLASS A SINGLE COMB White Leghorn eggs, chicks. Every one
close descendants of 312, 317 or 326 egg
trapnested hens. Mating list. Also cock-
erels. **A. P. Loomis, Diamond Springs, Kan.**

DON'T WORK. LET OUR HENS SCRATCH for you. 250 pullets made \$1,000 in 8
months. White Leghorns, English Barrons.
Large breed, 304-316 egg strain. Entire
flock graded by state judge. 100 eggs \$7.
Satisfaction guaranteed. Write for mating
list. **The Hillview Poultry Farm, Milton-
vale, Kan.**

WINTER EGG STRAIN S. C. W. LEG- horns. Baby Chicks and eggs. Let them
earn big profits for you. Quality stock,
honest treatment brings repeated orders.
Your success depends on the breeding of
chicks. You can't afford to take chances
on doubtful stock. Catalog free. **Grand-
view Farm, Dept. A, Decatur, Iowa.**

10 ACRES PAY \$10,000 ANNUALLY. OCEC C. Frantz, Box K, Rocky Ford, Colo., a
poor boy, one of 14 children (now a breed-
er of national reputation) began 15 years
ago, breeding more profitable poultry. To-
day his thousands of world famous Winter
Laying Leghorns make the above possible,
and lay bare of eggs when the prices are
the highest. You can do the same with his
stock. Results are certain. Free book tel-
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Leghorn—Eggs

AMERICAN STRAIN S. C. WHITE LEG- horn eggs, \$5.00 per 100. **O. I. Oshel, Gardner, Kan.**

EGGS \$5 HUNDRED FROM S. C. WHITE Leghorns culled for production by licensed
judge. **Ora Leslie, Beloit, Kan.**

SINGLE COMB WHITE LEGHORN EGGS, from high producing flock. Write for
photographs. **Stants Bros., Abilene, Kan.**

PURITAS SPRINGS SINGLE COMB White Leghorns, direct 326 egg line. Eggs
\$7.50 per 100. **A. D. Sutton, Ensign, Kan.**

LARGE, BARRON WHITE LEGHORNS. Direct 303 egg line. Hoganized, free
range. 100 eggs \$6. **Ray Coatney, Ada, Kan.**

SINGLE COMB DARK BROWN LEG- horns. Farm range heavy laying strain.
Eggs \$6 per hundred. **J. H. Ruhe, Great Bend, Kan.**

PURE BRED S. C. WHITE LEGHORN eggs. Large hens, 300-304 egg strains.
\$4.50 per 100 post paid. **Jno. A. Kepler, Altoona, Kan.**

SINGLE COMB BUFF LEGHORNS; HO- ganized flock, heavy layers, choice birds.
Eggs 100-\$4.50; 50-\$2.50. **Mrs. John A. Reed, Lyons, Kan.**

TANCRED-WYCKOFF STRAIN SINGLE Comb White Leghorns. Farm range.
Heavy winter layers. Eggs \$5 hundred. **F. W. Freese, Lawrence, Kan.**

FERRIS 265-300 EGG STRAIN. ALL STOCK direct. Utility and exhibition. Eggs \$7.50
and \$11.100. Guaranteed 90% fertile. **Alan E. Fitzsimmons, Pratt, Kan.**

SINGLE COMB DARK BROWN LEGHORN eggs; winners and layers. Fertility guar-
anteed. \$5.50-100. Special pen \$3 per set-
ting. Postpaid. **Mrs. E. C. Grizzell, Clar-
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BARRON'S ENGLISH WHITE LEGHORNS. Big type, bred from heavy winter layers.
Two choice matings. 100 eggs, \$6.00 pre-
paid. Circular. **Mrs. Annie Hackett, Mary-
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ENGLISH SINGLE COMB WHITE LEG- horns exclusively. (Twentieth year.) If
you want big white winter eggs hatch pul-
lets now. \$6 per hundred. **Harry Glens, Manhattan, Kan.**

BARRON'S ENGLISH SINGLE COMB White Leghorns, 272-324 egg records. 100
eggs \$4.75. Also pen eggs. Fertility guar-
anteed. Circular free. **Henry Wegman, Jr., Route 4, Sabetha, Kan.**

PURE TANCRED SINGLE COMB WHITE Leghorn hatching eggs \$5 hundred, from
farm flock of 800 hens with ancestry re-
cords of 246 to 299. Satisfaction guaranteed.
Harry Lee, Ft. Scott, Kan., Route 5.

FERRIS SINGLE WHITE LEGHORN EGGS. Cockerels 265-300 egg strain direct stock,
hens pure bred Hogan tested, range flock.
Book orders spring delivery. Remit a few
days before shipping. Eggs \$4 per hun-
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BARRON'S ENGLISH WHITE LEGHORN eggs. Pedigreed males that head flock
bought direct from importer from a pen of
eight sisters trapped by Tom Barron. Cat-
forth, England, with high egg records. \$6
per hundred. **Fred Tobler, Lyndon, Kan.**

LANGSHANS

PURE BRED WHITE LANGSHAN COCH- erels, \$1.25. **F. W. Stenzel, Route 1, Rus-
sell, Kan.**

BLACK LANGSHANS; EGGS TESTED, prize winners both sex, \$1.25 up. **Bertha King, Solomon, Kan.**

PURE BRED WHITE LANGSHAN EGGS, \$5-100. Chix \$15-100. Shipping point **Garden City, Jas. Dimitt, Plymouth, Kan.**

PURE BLACK LANGSHAN COCKERELS, \$2.00, \$3.00 and \$5.00 each. Pullets, \$1.25
each. Eggs in season. **C. Wilfred Moon, Pratt, Kan.**

WHITE LANGSHANS, PEDIGREED PUL- lets, hens, chicks. Eggs—pens, \$10, \$8, \$6,
delivered. Booking orders. **Lee Kepler, Altoona, Kan.**

Langshan—Eggs

WHITE LANGSHAN EGGS 100-15; 50-15. **Mrs. D. A. Swank, Blue Mound, Kan.**

PURE BRED WHITE LANGSHAN EGGS. Extra layers. **Carrie Russell, Altoona, Kan.**

MINORCAS

BEAUTIFUL GOLDEN BUFF MINORCA pullets \$2.50 each; dozen \$25. **J. O. Greenleaf, Mound City, Kan.**

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ORPINGTONS

FOR QUICK SALE. FINE BUFF ORPINGTON cockerels. From Owen hens and trapped stock cocks. Guaranteed. \$3.00. Donald Lockhart, Elk Falls, Kan.

Orpington—Eggs

WHITE ORPINGTON EGGS, FLOCK STATE certified Class A. \$1.50-15; \$3-100. Mrs. Harry White, Council Grove, Kan.

CERTIFIED GRADE A S. C. BUFF ORPINGTON eggs \$6-100; \$3.50-50; \$1.50-15. Mrs. Orile Shaffer, Waverly, Kan.

PURE BRED SINGLE COMB BUFF ORPINGTON eggs 100-\$5.50; 50-\$3, prepaid. Mrs. George McAdam, Holton, Kan.

BUFF ORPINGTON EGGS, FROM HEAVY winter layers, state certified Class B. \$6.50-100; \$3.75-50. Clarence Roswurm, Council Grove, Kan.

PRIZE WINNING, SINGLE COMB BUFF Orpington eggs furnished from pens and flock. Supervised matings. Mrs. E. O. Farrar, Abilene, Kan.

SINGLE COMB BUFF ORPINGTON EGGS. Flock certified by the Kansas State Agricultural College, Class B. \$1.50 per 15; \$8 per 100. Mrs. Rou Carlat, Auburn, Kan.

PLYMOUTH ROCKS

PURE BARRED ROCK COCKERELS \$2 each. Lilly Daniels, Logan, Kan.

PURE WHITE ROCK COCKERELS \$1.50 each. Mrs. Chris Sander, Virgil, Kan.

PURE BRED RINGLET BARRED ROCK cockerels, \$2.00 each. Oscar Chinn, Coats, Kan.

BARRED ROCKS: 89 PREMIUMS, 37 firsts. Mattie A. Gillespie, Clay Center, Kan.

SIMS STRAIN BARRED ROCK COCKERELS \$2.50 each. Mrs. Henry Delling, Argonia, Kan.

WHITE ROCK COCKERELS \$2, \$3, \$5; Pullet \$2. High egg type. R. W. Getty, Downs, Kan.

ARISTOCRAT BARRED ROCKS. COCKERELS \$2.50, pullets \$1.25. Mrs. James Hills, Lewis, Kan.

BARRED PLYMOUTH ROCKS, RINGLET. Choice stock and eggs. Mrs. Kaesler, Junction City, Kan.

THOMPSON'S IMPERIAL RINGLET Barred Rock cockerels, \$2.50. Ed Edwards, Lyons, Kan.

BUFF ROCK PULLETS \$1.50; COCKERELS \$2. Cullied for 200 eggs. Arlyn Stewart, Raymond, Kan.

WHITE ROCKS BRED TO LAY AND show. Males \$2, \$5; females \$1.50. Edith Franklin, Troy, Kan.

FISHEL WHITE ROCKS, EXTRA QUALITY cockerels \$2, \$3, \$5; pullets \$1.50. A. E. Basye, Coats, Kan.

CHOICE WHITE ROCK COCKERELS, \$2.00; 3 for \$5.00; 7 for \$10.00. Julius Petracek, Oberlin, Kan.

IMPERIAL RINGLET BARRED ROCK cockerels, laying strain, \$3 each. E. O. Lewis, McAllister, Kan.

FANCY AND UTILITY WHITE ROCKS, special matings, from flock \$6.00-100. B. B. Krehbiel, Moundridge, Kan.

BARRED ROCKS, YELLOW LEGS, DEEP barring. Yard eggs 15-\$5; range 100-\$6. Mrs. J. B. Jones, Abilene, Kan.

FINE BARRED ROCK COCKERELS FROM prize stock, \$2.50 to \$5. Eggs \$5 per 100. Mrs. A. M. Shipley, Coffeyville, Kan.

WHITE ROCK COCKERELS, FISHEL Direct, \$3-\$5. White Pekin drakes, \$2.00. Fowler Bros., Route 3, Russell, Kan.

BARRED ROCK COCKERELS: LAYING strain, \$2, \$3 and \$5. Satisfaction guaranteed. Mrs. Helen Romary, Olivet, Kan.

BARRED ROCKS. COCKERELS, CHICKS, eggs. Chicago winners. Great layers. Catalog. J. A. Schneider, Box K, Le Roy, Minn.

WHITE ROCKS, BLUE RIBBONS 3 SHOWS 1923. Heavy layers. Cockerels \$5; eggs \$6-100; \$2-15. Will Brown, 109 Riley, Atchison, Kan.

BARRED ROCKS, PARK'S OVER 200 EGG strain. Cockerels \$3 to \$5 from pedigreed state certified flock. Mrs. F. Hargrave, Richmond, Kan.

FOR SALE: WHITE PLYMOUTH ROCK cockerels; bred to win and lay; satisfaction guaranteed; write Brookside Poultry Farm, Hutchinson, Kan.

BRADLEY STRAIN BARRED ROCKS. Bred for size, barring, eggs. Cockerels \$2.50; 6 for \$14. Eggs 100-\$6.50. Mrs. S. Van Scoyoc, Oakhill, Kan.

PURE BRED WHITE ROCK COCKERELS, full prepotent powers, 235 egg line, March hatch, satisfaction guaranteed, \$5 and \$10. Allen Mayhew, Belpre, Kan.

CERTIFIED BARRED ROCKS. COCKERELS \$3, \$5. Eggs: Flock 15-\$1.50; 100-\$6. Pen 15-\$3. Satisfaction guaranteed. Sylvan Miller, Humboldt, Kan.

HINCKLEY'S ARISTOCRAT BARRED Rocks took 80 prizes the past season. Good cockerels \$3 to \$5 each. Eggs \$1, \$3 and \$5 per 15. Both matings. Dr. Hinckley, Barnard, Kan.

WHITE ROCK COCKERELS AND EGGS, from exhibition high producing 200 egg strain-hens and over 200 egg cockerels. Eggs \$5-100. Cockerels \$2.50 to \$5. H. C. Loewen, Peabody, Kan.

DARK BARRED ROCK EGGS AT EIGHT cents each, from first prize winners. Large boned, healthy, vigorous and barred to the skin. Chicks at twenty cents each. Barbara Dally, Waverly, Kan.

LARGEST BARRED ROCKS IN KANSAS. Imperial Ringlet cockerels. Prize quality stuff at \$4.00, \$7.00, \$10.00 each. Satisfaction guaranteed. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

PURE BRED WHITE ROCK COCKERELS \$3 to \$5. Eggs, pen \$5-15; flock \$6-100. Blue ribbon winners at Anderson and Miami county fairs. Bred to lay, win and pay. F. V. Blanchard, Welda, Kan.

Plymouth Rock—Eggs

RINGLET BARRED ROCK EGGS, \$5, 100. Mrs. Lynn Bailey, Lyndon, Kan.

BUFF ROCKS, CERTIFIED. EGGS, \$1.50-15, \$3.50-50, \$6-100. Olive Holmes, White City, Kan.

WHITE ROCK EGGS 100-\$6. FEBRUARY, March chicks 15 cents, prepaid, live delivery. Mrs. Theodore Steffen, Broughton, Kan.

Plymouth Rock—Eggs

WHITE ROCK EGGS \$5-100. PRIZE WINNERS. Henry Hoover, Rozel, Kan.

RINGLET BARRED ROCKS: EGGS \$1.50-15. Arthur A. Hedges, Hydro, Okla.

EGGS—PARKS STRAIN BARRED ROCKS. Certified flock. Mrs. W. A. Young, Clearwater, Kan.

PURE WHITE ROCK EGGS FROM cullied flock, \$4 per 100. Irvin Kreutziger, Marion, Kan.

BUFF ROCK EGGS \$6 HUNDRED. CULLED flock, farm raised. Mrs. J. M. Hoover, Route 2, Lyons, Kan.

BUFF ROCKS. GOOD LAYERS. FEW good cockerels left. Eggs specialty. E. H. Inman, Americus, Kan.

PARK'S 34 YEARS DIRECT TRAP-NEST breeding Barred Rock eggs for hatching. R. B. Snell, Colby, Kan.

BARRED ROCK EGGS, 100-\$6.25, PREPAID. Bradley strain. Best quality. Mrs. Ira Emig, Abilene, Kan.

BARRED ROCK EGGS. LIGHT \$6 PER 100; Dark \$10 per 100. Special matings \$5 per 15. C. C. Lindamood, Walton, Kan.

WHITE ROCK EGGS, \$6, 100. WINNERS at Garnett and Paola shows. Sweepstakes for utility hen. E. A. Vancococ, Mont Ida, Kan.

PURE BARRED ROCK EGGS. SELECTED, heavy winter layers. Fifteen, \$1.00; fifty, \$3.00; hundred, \$5.00, post paid. G. C. Drescher, Canton, Kan.

WHITE ROCKS EXCLUSIVELY. FARM range. Heavy laying strain. Eggs \$6 per hundred. Mrs. Sam Lash, Route 3, Abilene, Kan.

BUFF ROCK EGGS, DELIVERED, EIGHT dollars per hundred. From state and county winners, certified flock. Mrs. J. T. King, Lebo, Kan.

BARRED ROCK EGGS FROM CULLED flock headed by 200 egg strain cockerels, \$2.50 per setting. Satisfaction guaranteed. Dan Bursch, Route 3, Manhattan, Kan.

WHITE ROCKS. EXHIBITION TRAP-NESTED strain, pedigreed males. Eggs \$7.50-100; pens \$3, \$5-15. Prepaid. Stock for sale. Chas. Blackwelder, Isabel, Kan.

STATE CERTIFIED CLASS A WHITE Rocks. State, Tri-State blue ribbon winners. Eggs, range \$6 hundred; pen \$5 fifteen. Also chicks. Frank Applebaugh, Cherryvale, Kan.

WHITE ROCK EGGS FROM CERTIFIED flock graded A 1923 and 1924. 15-\$2; 50-\$4; 100-\$7. Also a few W. R. cockerels from certified grade A flock. White Rock breeder 22 years. J. R. Applebaugh, Cherryvale, Kan.

RHODE ISLAND REDS

ROSE COMB RED COCKERELS \$2.00. E. V. Elfstrom, Concordia, Kan.

PURE BRED ROSE COMB RED COCKERELS. Lilly Robb, Neal, Kan.

ROSE COMB RED COCKERELS \$2. MRS. George Frisbie, Grantville, Kan.

CHOICE S. C. R. I. R. COCKERELS, \$2.50 each. Mrs. G. W. Chandler, Kincaid, Kan.

DARK ROSE COMB RED EGGS \$5.00; chicks \$15.00. Clara Hogue, Barnes, Kan.

LARGE DARK SINGLE COMB RED COCKERELS, \$2. James Malachuk, Dillwyn, Kan.

PURE BRED ROSE COMB R. I. RED cockerels \$3. Mrs. F. C. Snow, Route 3, Erie, Kan.

WANTED—100 A OR B SINGLE COMB Reds, mated. Kansas Poultry Company, Norton, Kan.

ROSE COMB REDS, BEAN STRAIN. Cockerels \$3 to \$5. W. A. Fish, Concordia, Kan.

STATE CERTIFIED CLASS-A ROSE COMB Reds. Cockerels \$3, \$5 up. Warren Dunfield, Lebo, Kan.

ROSE COMB RHODE ISLAND REDS, 300 egg strain. Baby chicks and eggs. Isaac Smith, Alden, Kan.

PURE BRED SINGLE COMB RHODE ISLAND Red cockerels and cock, \$2.50. J. H. Vernon, Oberlin, Kan.

ROSE AND SINGLE COMB RHODE ISLAND Red cockerels \$2.50. Wm. Treiber, Route 6, Topeka, Kan.

S. C. R. I. R. COCKERELS. HOGANIZED. Satisfaction guaranteed. \$2, \$3, \$5. Mrs. Geo. Wharton, Agenda, Kan.

PURE ROSE COMB RED COCKERELS, heavy boned from good layers, \$3, \$4, \$5. Earle Bryan, Emporia, Kan.

PURE BRED DARK ROSE COMB RED eggs 100-\$6. Postpaid. Range flock. Mrs. Chas. Lewis, Wakefield, Kan.

S. C. R. I. R. COCKERELS, PURE MAHOOD, absolutely free from shafting. Price \$4. Henry Payton, Kinsley, Kan.

HARRISON'S EXHIBITION EGG STRAINS. Either comb. Quality eggs, chicks and stock. Harrison Red Farms, College View, Neb.

SINGLE COMB RED COCKERELS \$3, \$4; pullets \$2, \$3. Ricksecker strain. Also hatching eggs. George Weirauch, Pawnee Rock, Kan.

SHAY'S CHAMPION ROSE COMB REDS. Eleven year. Hatching list ready. Several exhibition quality cockerels \$2.50 to \$5. Clyde Shay, Winfield, Kan.

RICKSECKER STRAIN SINGLE COMB Reds. Blue ribbon winners at 4 winter shows. 3 sweepstakes. Eggs, cockerels. Breeding pens specialty. Mating list ready. Mace Bros., Garnett, Kan.

TRAPNESTED STATE CERTIFIED, CLASS A, Rose Comb Reds. Bred for exhibition and heaviest egg production. Write for sales and mating lists on cockerels and eggs. Mrs. James Gammell, Council Grove, Kan.

RHODE ISLAND WHITES

FOR SALE: ROSE AND SINGLE COMB Rhode Island White cockerels. J. W. Edwards, Meade, Kan.

ROSE COMB RHODE ISLAND WHITE Laying contest winners. First grade eggs fifteen cents each; second grade ten cents. Baby chicks after February twelfth, twenty and twenty-five cents. Leona Haviland, Wellington, Kan.

Rhode Island White—Eggs

ROSE COMB RHODE ISLAND WHITE eggs. W. Pifer, Washington, Kan.

PURE BRED ROSE COMB RHODE ISLAND White eggs, selected from heavy winter layers, \$10 per hundred; \$1.75 setting. Earl Mercer, Beloit, Kan.

Rhode Island—Eggs

EGGS. R. C. R. I., LARGE BONED, DARK red, 15-\$1.50; 100-\$8, shipped. Mrs. Joseph Jenkins, Route 5, Ossage City, Kan.

CHICKS. EXCEPTIONAL QUALITY S. C. Reds. \$17-100. Rhode Island Whites \$15-100. Prepaid. Goenner Hatchery, Zenda, Kan.

EGGS, SINGLE COMB RHODE ISLAND Reds. Laid for production, type and color. Dollar fifty per setting postpaid. J. W. Deeter, McPherson, Kan.

SINGLE COMB REDS, STATE CERTIFIED high record flock of quality Reds. Radiant males from fine matings. Owen Farms direct. Eggs 15, \$1.50; 100, \$8. Write for mating list. Mrs. Sophia Lindgren, Dwight, Kan.

STANDARD ROSE COMB REDS. LARGE, dark even red. Selected by licensed judge for high egg production, type, color. Blue ribbon winners State Red Meet 1924. Eggs, pen 1, 15-\$7.50; pen 2, 15-\$4; range, 15-\$1.50; 50-\$4; 100-\$7. Postpaid. Mrs. Arthur Woodruff, Miltonvale, Kan.

TURKEYS

GOLDBANK BRONZE STOCK FOR SALE. G. G. Wright, Langdon, Kan.

MAMMOTH BRONZE TOMS \$8; HENS \$6. John Hooper, Smith Center, Kan.

TWENTY BRONZE TURKEY HENS \$5.00 each. H. Marshall, Winfield, Kan.

PURE BRED NARRAGANSETT TOMS \$9, hens \$6. Lydia Ecton, Lamar, Colo.

PRIZE WINNING WHITE HOLLAND TOMS \$8. Grace Scott, Anthony, Kan.

MAMMOTH BRONZE TOMS, 13 MONTHS, \$7. Salomon Gabelmann, Natoma, Kan.

EXTRA FINE BOURBON TOMS \$8, PURE white tails. Sadie Struthers, Rozel, Kan.

PURE BRED NARRAGANSETT TOM TURKEYS, \$8. Madge Homan, Peabody, Kan.

BOURBON RED TURKEY TOMS \$8; HENS \$5. Green Harris, Medicine Lodge, Kan.

PURE MAMMOTH BRONZE TOMS, GOLDBANK strain. Roger Harrison, Riley, Kan.

MAMMOTH BRONZE, PURE BRED, BIG boned TOMS, \$10. Mrs. Will O'Byrne, Piedmont, Kan.

WHITE HOLLANDS: HENS \$5; TOMS \$7. Two year tom \$10. Henry Binard, Burlington, Colo.

GUARANTEED, EITHER BOURBON RED or Bronze turkeys; \$4 to \$7. E. V. Eller, Dunlap, Kan.

WHITE HOLLAND HENS \$5, YOUNG TOMS \$6; yearling TOMS \$10. Geo. Church, Stratton, Colo.

WHITE HOLLANDS 22 TO 30 POUNDS, \$8 and \$10; 14 to 22, \$5 to \$8. Yeoman, LaCrosse, Kan.

FINE LARGE WHITE HOLLAND TOMS, \$7; Hens, \$5. Hurry. Mrs. George Lelew, Portia, Kan.

PURE BRED MAMMOTH BRONZE TOMS, year old, \$15; hens \$7; pullets \$5. Emma Darrin, Basil, Kan.

PURE BRONZE GOLDBANK STRAIN TOMS \$8 each, pullets \$6 each. Frank Ayers, Burns, Kan.

NICE LARGE PURE BRED BOURBON Red turkey tom, \$3. Vaccinated. Marie Sprinkel, Abilene, Kan.

VACCINATED WHITE HOLLAND TURKEYS: TOMS \$10. Weigh 25 lbs. Alice Clinkenbeard, Wetmore, Kan.

MAMMOTH BRONZE TOMS, EXTRA choice, heavy bone, \$7; lighter bone, \$6. Mrs. Essie Loper, Oakley, Kan.

BOURBON TURKEYS, DEEP RED BODY, white markings, from 45 lb. tom. TOMS \$10. Lida Marsh, Sun City, Kan.

GIANT BRONZE GOLDBANK TOMS, HENS, pullets. Famous for size and color. Prices light. Vira Bailey, Kinsley, Kan.

GIANT BRONZE, BRED FROM 48 LB. tom and 22 lb. hens. TOMS \$9; pullets \$6. H. L. Michaels, Kinsley, Kan.

PURE BRED MAMMOTH BRONZE 25-LB. TOMS \$8.50; pullets \$6.50. 50-lb. first prize grandsire, Annie Hoffman, Ulysses, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS, Goldbank strain. Prize winners sent on approval. Mrs. M. E. Kavanaugh, Belleville, Kan.

PURE BRED MAMMOTH BRONZE, BIRDS Bros. strain. Young TOMS 25 to 30 lbs., \$10, \$12. Pullets \$7. Mrs. Elmer Coywood, Raymond, Kan.

GENUINE GOLDBANKS, BEAUTIFULLY bronzed; heavy big boned TOMS \$15, \$17, \$20. Pullets \$8, \$10. Mrs. Iver Christenson, Jamestown, Kan.

MAMMOTH BRONZE TURKEYS, LARGE Goldbank strain. Young or old. TOMS or hens. Healthy. Priced to sell. Fowler Bros., Route 3, Russell, Kan.

LISTEN! MY GOLDBANK BRONZE TURKEYS won first cock, first cockerel, first hen at Wichita State Show 1924. TOMS \$16, pullets \$8. Mrs. Minnie Snider, Piedmont, Kan.

MAMMOTH PURE BRED BRONZE TURKEYS, Goldbank. First prize at Hutchinson state fair, first, Lamar and Wiley, Colo. Stock from 50 lb. TOMS and 21 lb. hens. TOMS, \$10 and \$15; hens, \$5 and \$8. Satisfaction guaranteed. Dr. L. B. Cantwell, Syracuse, Kan.

WYANDOTTES

WHITE WYANDOTTE COCKERELS \$2.00. Mrs. J. R. Antram, Galesburg, Kan.

PURE BRED WHITE WYANDOTTE PULLETS \$2. D. A. Rodgers, Concordia, Kan.

WHITE WYANDOTTE COCKERELS; EGGS \$7 hundred. Chas. Bowlin, Olivet, Kan.

SILVER LACED COCKERELS, \$2.50 UP. Winners. Eggs. Treadder, Centralia, Kan.

PURE ROSE COMB SILVER LACED WYANDOTTE cockerels \$2. Otto Becker, Lucas, Kan.

BEAUTIFUL SILVER WYANDOTTE FEMALES, Bargain. Mrs. Edwin Shuff, Plevna, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00, \$2.50, \$5.00. Guaranteed. Bachus, Abbeville, Kan.

WHITE WYANDOTTE COCKERELS, MARTIN strain, extra fine. J. H. Brown, Clay Center, Kan.

SILVER WYANDOTTE COCKERELS. Large, well laced, two dollars. Wm. Winn, Beloit, Kan.

EXTRA GOOD SILVER WYANDOTTE cockerels \$2 and \$2.50. Harry Geyer, Wetmore, Kan.

WYANDOTTES

COLUMBIA WYANDOTTES. BABY CHICKS 15c. Also eggs. Mrs. A. B. MacLuskey, Burlington, Kan.

WHITE WYANDOTTE COCKERELS, state certified, \$2 and \$3. Mrs. T. C. Young, Day, Kan.

KEELER STRAIN PURE BRED WHITE Wyandotte cockerels \$2 each. Roy Phillips, Manhattan, Kan.

PURE BRED COLUMBIAN WYANDOTTE cockerels \$3; eggs \$1.50 per 15. J. C. Valentine, Lexington, Kan.

PURE BRED KEELER STRAIN WHITE Wyandotte cockerels \$2.50 and \$3 each. Sadie Springer, Manhattan, Kan.

IF YOU WANT GOOD DORCAS COCKERELS at \$2 to \$4 each, order from John Heinrichsmeyer, Columbus, Kan.

WHITE WYANDOTTES DIRECT FROM Martin Keelers, cockerels \$2.50; eggs 100-\$6. H. O. Collins, Fontana, Kan.

PURE WHITE WYANDOTTE EGGS \$5.50-100. Chicks 15 cents. Prepaid, live delivery. James Christiansen, Canton, Kan.

GOLDEN WYANDOTTES, ST. LOUIS AND Topeka winners. Cockerels \$2, \$3, \$5; eggs, chicks; circular. W. Shelley, McPherson, Kan.

PURE BRED WHITE WYANDOTTE COCKERELS from blue ribbon stock; eggs for hatching. Mrs. John Collister, Manhattan, Kan.

REGAL DORCAS, WHITE WYANDOTTE cockerels and cocks. Show quality. Satisfaction guaranteed. \$2.50 and \$5. Mrs. A. E. Waterman, Peabody, Kan.

SILVER LACED AND PARTRIDGE WYANDOTTE settings, utility \$1.50; special mated silvers \$2.50. Chix, utility 18c each. Floyd Kimrey, Clay Center, Kan.

WHITE WYANDOTTES—FISHEL'S EGG. A day strain. Eggs 15 for \$1; 50-\$3; 100-\$5.50. Baby chicks 100-\$15; 50-\$8. Parcel post prepaid. Cora Shields, Clifton, Kan.

Wyandotte—Eggs

COLUMBIAN WYANDOTTES: EGGS \$6-100. Chas. Bellinger, White City, Kan.

WHITE WYANDOTTE EGGS, KEELER strain, \$5-100. Mrs. Otho Strahl, White City, Kan.

WHITE WYANDOTTE EGGS; MARTIN strain, heavy layers, \$6 hundred. David Keller, Chase, Kan.

WHITE WYANDOTTE EGGS. FARM range. Cullied flock. \$6-100 prepaid. Mrs. M. J. Butler, Lewis, Kan.

WHITE WYANDOTTE EGGS, KEELER strain. Certified stock, \$5-100. Mrs. Chas. C. Miller, White City, Kan.

BARRON'S ENGLISH WHITE WYANDOTTE eggs. Hoganized pens and flock. Mating list furnished. A. H. Fry, Paxico, Kan.

WHITE WYANDOTTE, REGAL DORCAS strain. Specially cullied for quality and heavy laying. Satisfaction guaranteed. Prepaid, \$1.50-15; \$3.50-50; \$6-100. G. F. Friesen, Cottonwood Grove Farm, Hillsboro, Kan.

WHITE WYANDOTTES: MARTIN-KEELER strain direct. Record layers, closely cullied. 50 eggs \$4; 100-\$7; 300-\$20; 500-\$32. Safe delivery and satisfaction guaranteed. Baby chicks 100-\$20, prepaid, live delivery. Garland Johnson, Mound City, Kan.

SEVERAL VARIETIES

949 COCKERELS, 15 VARIETIES. Hatching eggs, baby chicks. Free book. Aye Bros., Blair, Neb., Box 5.

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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. We will pay \$1 apiece for all the letters we accept and publish. Address all letters intended for this purpose as early as possible to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Walnut Timber is Valuable

A great many farmers, in clearing timber off of their places, do not pay much attention to the kinds of trees they are cutting. I have known some people to cut small walnut trees for firewood. This kind of timber is valuable, and should be left standing until it is large enough for logging. I have a neighbor who has sold 20 walnut logs for \$200, averaging \$10 a log. He also had 40 loads of firewood, after the logs were taken out, which will net him \$5 a load or \$200 in all. This neighbor of mine has another walnut grove that will be large enough for logs in a few years.

Furniture made from walnut wood is in demand today, more than ever, and is high priced. It will be more valuable in the future. During the past years, I have made a practice of never cutting any walnut trees that are straight and free from knots. Walnut trees grow comparatively fast and in 20 to 30 years will produce logs large enough for use in furniture making.

John H. Rothenberger, Leavenworth, Kan.

Wants More Senators Like Capper

I was late getting my crop of Mexican beans and kafir planted last year as I had to fence and clean the ground before planting.

I had the soil broken deep and harrowed it well, and hauled manure from the barnyard and banked it on the north slope of the hill. There was plenty of rainfall that season and from 1/2 acre of Mexican beans I harvested and sold 50 gallons of green beans and 160 pounds of dry beans, and from the kafir I stacked several loads of hay.

I call my ranch the Busy Bee Ranch and I delight in reading the letters the farmers write for the farm papers, and think if all the Senators were interested in agriculture like Mr. Capper, the farmer would get a better price for his products and have protection from the graft in unjust taxes and freight rates, besides the other things that are robbing them of profits.

Beatrice S. Snowden, Stone City, Colo.

Money in Home Butchering

This is my account of a matter which I think will be of general interest to all rural communities:

We had a hog which would weigh about 435 pounds. We were offered 6 cents a pound and it was to be docked 70 pounds. This would make the price \$17.75. We decided to butcher the hog and sell all the meat we could to private families.

We sold 97 pounds of lard at 14 cents a pound, which makes \$13.58; a ham which weighed 26 1/2 pounds, at 13 cents brought \$3.54; 13 1/2 pounds of sausage at 15 cents a pound amounted to \$2.02; the head we sold for 75 cents and the ribs for 40 cents. This made a total of \$20.29.

Our profit was \$2.54 besides all the rest of the meat which we kept for our own use.

Mateel Ward, Larkinburg, Kan.

Turkeys a Profitable Sideline

I always had considered myself too busy with the many farm duties to take on any sidelines in the poultry business until a friend of mine suggested that she and I raise our own Thanksgiving turkeys. So I purchased two settings of White Holland turkey eggs and entered a game that has proved more profitable and far more fascinating than any other one thing about my farm work. I raised 17 birds to maturity, which far exceeded the family demand for Thanksgiving, so I sold 14 of them for \$40, a fabulous price for turkeys then.

For a year or more, I bought eggs the same way, disposing of all my birds in the fall. Then by chance I

had two hens left on hand and since then I would not be deprived of the joy of "spotting" turkey nests. Each spring, I have a surplus of eggs to sell, and raise a moderate flock of my own which so far has not exceeded 60 birds. I have an interested city friend who is glad to sell my dressed birds at top prices for me because he knows the excellent quality of them and the care I take in dressing them. I always give him a bird for his own dinner, which does not amount to as much as the middleman's profit and I am glad to give it to a friend.

Dot Wheatcroft, Pendennis, Kan.

Making Money on Small Farms

Six years ago I bought 12 acres of land, for which I paid \$1,395. I had only \$600 to pay down.

This place had at one time been the part of a pioneer's home, with an old barn, a two-room house and a well shaded but neglected lawn. We moved in and began with berries, small fruits and poultry.

We keep one team, two cows, and a few pigs. We have fenced this place off into seven lots, the largest one containing about 6 acres which we have used for pasture until last year, when we planted it to corn, which made a good yield.

In the six years, we have remodeled the house to a five-room cottage, built three good poultry houses and fixed up the old barn. All told, we have expended more than \$1,200 for improvements, and have more than enough personal property to pay our debts.

We credit our success to poultry and small fruit. Being a carpenter, I have saved a considerable amount by doing the building myself.

I think the possibilities are great for a small farmer if he has a helpmate as willing and faithful as mine.

Enfield, Ill. J. W. Russell.

Protecting Trees Against Rabbits

Rabbits are very destructive to the young apple orchards, especially during the winter months. I have had a great deal of trouble with them and have found that it is necessary to do something to prevent this loss.

Last year I raised corn in the orchard, and after I had the corn in the shock, I took my pruning knife and cut off six to eight of the corn stalks about 18 inches in length, and put these around each young apple tree, tying them on the top and bottom with yellow willows. I found the yellow willows preferable to string. Willow wood contracts when it gets dry while string stretches.

During the past year I have used meadow grass in place of the corn stalks. I found it some better, as it can be wrapped around the tree more easily. No matter what we use as a wrapper to protect the young trees, we find it necessary that this be removed in the spring as it affords an excellent harbor for destructive insects and retards the growth of the tree.

John H. Rothenberger, Leavenworth, Kan.

NEW MEXICO

MORE THAN 330 sunny farming days yearly in U. S. Elephant Butte project. Highly productive irrigated lands at low prices. Ideal climate for health and all-year farming. Diversified farming, co-operative selling, top prices. For brass tack facts address Dept. D, Farm Bureau, Las Cruces, N. M.

NEW MEXICO FARM LANDS. A new folder about the new state of New Mexico is now ready. This state is rich in natural resources; it has much to offer the man of vision and ambition to take advantage of opportunity. New Mexico has a delightful and invigorating climate, with fertile farm land in the valleys supplied with an abundance of irrigation water insuring good crops. Also farm lands in the plains country for dry-farming. All the leading varieties of fruits and vegetables of prime quality are successfully grown as well as all the general farm crops. Alfalfa, dairying, hogs and poultry is a combination hard to beat, because of good local markets and long favorable growing seasons. Agriculturally New Mexico has much to offer. Let us mail you our descriptive folder about this great state. C. L. Seagraves, General Colonization Agent, Santa Fe Ry., 988 Ry. Exch., Chicago, Ill.

MINNESOTA

FIFTY-ACRE clover farm, five-room house, and barn, \$30 an acre, one hundred cash, easy terms, wonderful bargain. Write Wm. Rulien, Baudette, Minn.

The Real Estate Market Place

There are 10 other Capper Publications that reach over 2,170,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

All advertising copy discontinued at 7 o'clock 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

CHEAP LAND, long terms, crop payment. E. E. Nelson, Garden City, Kan.

LAND on crop payments, fine crops, pay 1/2 crop, \$27 acre. Ely, Garden City, Kan.

160 IMPROVED, good soil, level, \$7,500. \$2,000 cash. Terms 6%. Schlick, Iola, Kan.

50 BU. CORN PER A. land \$15 A. up (few trades.) Thomas Land Co., Sharon Spgs., Ks.

FOR SALE, N. E. Kansas bottom and upland farms, Melvin Ward, Holton, Ks., R.F.D. 1.

NO CASH DOWN. You give 1/4 of crops until paid out. Raw land, dry or irrigated. Morris Land Co., Lawrence, Kan.

BUY CHOICE FARMS and city property. Any information wanted in this section? The Dowling Realty Co., St. Francis, Kan.

FOR SALE, 1/4 section north of Ensign, Kan. Priced \$24 per acre; 1/4 sec. improved at \$28 per acre. Write owner, P. O. Box 67, Dodge City, Kan.

IMPROVED 80 ACRES 1 1/2 miles town, well watered. Rich soil. Special price quick sale. \$2000 down. Balance terms. Mansfield Land Company, Ottawa, Kan.

WESTERN KANSAS LAND

A Real Bargain—2560-Acre Lane Co Ranch Fenced, cross fenced. 13 mi. railroad sta. Good black soil. Good school on farm. All good level land. Good water. 1480 A. cultivation. Fair improvements. 750 ACRES GOOD GROWING WHEAT. A real snap for immediate sale. 16 miles from county seat. Price \$25.00 acre. Will carry \$25,000. Write

FIRST NATIONAL BANK, Dighton, Kansas.

REAL ESTATE

SELLERS, Traders, monthly publication 10c. Natl. Real Estate Ex., Siloam Spgs., Ark.

OWN A FARM in Minnesota, Dakota, Montana, Idaho, Washington, or Oregon. Crop payment or easy terms. Free literature. Mention state H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

ARKANSAS

SPECIAL BARGAIN: 100-acre farm, house, barn, orchard, spring, timber. Price \$1050. Terms. List free. Ward, Cotter, Ark.

ARKANSAS Ozarks for health, contentment and an easy living. Low prices, booklet free. T. V. Russell Realty Co., Yellville, Ark.

WOULD YOU BUY A HOME? With our liberal terms. White people only, good land, healthy, progressive country. Write for list. Mills Land Co., Booneville, Ark.

SEVERAL THOUSAND ACRES of good cheap out over land in tracts of 40 acres and up; also large and small farms, well improved, in the state of Arkansas. Park & Company, Realtors, Room 327 Hall Bldg., Little Rock, Arkansas.

COLORADO

220 A. IMPROVED. All cultivated. Full water right. \$10 down, balance long time at 6%. Will Keen, Realtor, Pueblo, Colo.

STERLING, COLO., offers exceptional opportunities to farmers in upland and irrigated farms, capable of paying purchase price in two years. Dairying and poultry conditions ideal. Alfalfa and truck farming very successful. Best climate, schools and roads. Free booklets. Write Chamber of Commerce.

\$5,000 INCOME FROM EQUIPPED 65-ACRE COLORADO FARM

Big opportunity; substantial returns from start; private milk route; close fine market town with 2 high schools, numerous industries; center fertile farming district, all tillable, free range; good 5-room house, electric lights, 50 ft. barn, stable, poultry house, etc. Only \$6,000 and to settle immediately 16 dairy cows, 12 mature heifers, bull, 3 horses, 400 milk bottles, dairy equipment, complete furniture, piano, sewing machine, poultry, etc. Details page 19 illus. Catalog Bargains—many states. Copy free. Street Farm Agency, 831GP New York Life Bldg., Kansas City, Mo.

CALIFORNIA

IF YOU WANT TO LIVE in California write Kings County Chamber of Commerce, Hanford, California, for free booklet.

ILLINOIS

FOR SALE: Garden Villa Farm, 40 miles Chicago, 1/4 mile C. N. W. Ry. and Electric Ry. station, on State Road joining Higgins Road and Grant Highway; excellent shipping facilities. Farm consists of 200 acres of fertile, heavy producing black soil under high state of cultivation. 260 A. blue grass and oak timber, 2 new modern dwellings, bath, electric light, city gas, 2 other good dwellings, 1/4 A. concrete floor feeding yard, 2 concrete silos, barn, other outbuildings, erected in 1922, full equipment, new farm utensils. Ideal plant for feeding or dairying. Compelled to sell account of health. R. W. Cooper, Owner, Gilberts, Ill.

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WRITE for free list of farms in Ozarks. Douglas County Abstract Co., Ava, Mo.

LISTEN! 40 acre impr. farm \$985. Terms. Other farms. McGrath, Mountain View, Mo.

MISSOURI 40 acres truck and poultry land \$5 down and \$5 monthly. Price \$200. Write for list. Box 22A, 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.

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IDEAL DAIRY and Stock Farm. J. M. Harwell, Pachuta, Miss.

SOUTH DAKOTA

EIGHTY ACRES, good soil, near railroad survey, prospective townsites, Perkins county, South Dakota. Big bargain for quick bidder.

J. E. Maurer, Mt. Holly Springs, Pa.

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SHEEP, CATTLE, COTTON, WHEAT lands, \$25 per acre, easy terms. James Bush, Amarillo, Texas.

IMPROVED 2720 RANCH, Dalhart, Texas, all agricultural, grows cotton, big profits per acre. Low price. Bargain. John Sigmund, Aransas Pass, Texas.

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EXTRA GOOD BUYS in wheat, stock, diversified farms and acreage. Free Booklet on request.

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WISCONSIN

OFFICIAL FACTS on Wisconsin Farms. Dept. Agriculture, Capitol 2, Madison, Wis.

SALE OR EXCHANGE

BARGAINS—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Ks.

TRADES EVERYWHERE—What have you? Big list free. Bernal Agency, Eldorado, Ks.

LANDS and town property for sale and exchange. See or write S. M. Bell, Americus, Kansas

PRE-WAR PRICES. Now is the time to buy. Farms, Suburban Homes, city property. Sale or exchange. T. B. Godsey, Emporia, Ks.

EXCHANGE—80 acres improved, Linn county, Mo. \$9,000. Want Kansas or Oklahoma farm. A. E. Settles, Chillicothe, Mo.

EIGHTY ACRE farm for sale or trade, well improved, in Coffey county, Kansas. A. M. Bussett, Aliceville, Kan.

CHOICE 160 A. 5 mi. good railroad town; well improved; to exchange for residence or business property in any good town. Vrooman Loan & Realty Co., 320 Kansas Ave., Topeka, Kan.

\$5,000 DOWN will get you a deed to furnished apartments with income over \$6000 per year; pay balance out of rents on very easy terms; will take part trade. Write owner, E. H. Cooper, 4012 E. 15th St., K. C., Mo.

REAL ESTATE WANTED

FARM WANTED—Near school, at spot cash price. Mean business. Fuller, Wichita, Ks.

FARM WANTED immediately. Send particulars. Mrs. Roberts, Box 75, Roadhouse, Ill.

FARM WANTED from owner, possession in spring. Describe. J. W. Houck, Tiffin, O.

FARM WANTED. From owner only. Send full particulars. Ray Smith, Maplewood, Mo.

FARM WANTED from owner. Must be bargain for cash. Describe imp., markets, crops, water, etc. Emory Gross, N. Topeka, Kan.

CASH BUYERS want Kan. and Colo. farms. Give full description and price. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

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

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

REAL ESTATE LOANS

I HAVE some money to loan on Kansas farms W. H. Eastman, 209 Columbian Bldg., Topeka

FOR RENT

FOR RENT—250 acres very productive, practically level, 60 in pasture, 20 in timothy, balance for corn, oats and soy beans. Good improvements, on mail route 2 1/2 miles from town, electrically lighted. Write owner for particulars. B. P. Jamison, Schell City, Mo.

Shorthorn Dispersion Sale

The "Mill Farm" Herd of Shorthorns owned by Geo. W. Bemis. Sale at the farm adjoining town,

Cawker City, Kansas, Wednesday, March 5

12 cows, strong in milk production, from three to eight years old. 12 splendid yearling and two year old heifers. 12 excellent calves. 1 Scotch bull 18 months old. These cattle are sired by Urydale by Avondale and by Baron Champion by Fair Champion by Fair Acres Sultan.

Meall Bros. Consignment: They consign three Pure Scotch bulls and three Scotch topped bulls, one to two years old sired by Lavender Marshal by Village Marshal. A real opportunity to buy the best at auction.

Land Auction. The farm where the sale will be held will also be sold the same day at auction. Farm consists of 177 acres, choice Mitchell county land. Improvements consist of a 13 room house, the largest and best cement barn in the county and other buildings. Plenty of water. A splendid home joining Cawker City on the northwest. Possession after the sale. For any other information address J. B. Heinen, Cawker City, Kan.

For Sale Catalog Address

George W. Bemis, Cawker City, Kansas

Aucts.: H.S. Duncan, J.B. Heinen, J.W. Johnson, Fieldman Mail and Breeze

RED POLLED CATTLE

RED POLLED CATTLE

Red Polls and Chester Whites

48 cows, heifers and bulls. Red Polled cattle with real milk production back of them. Some of the best Chester White sows ever offered in this country. Public sale,

Quinter, Kan., Friday, Feb. 29

The 48 Red Polls consist of a very choice lot of cows and heifers and bulls. One is a son and the other a grandson of Martha 30098, the cow that produced 12,559 pounds of milk, 528.36 pounds of butterfat as a four year old. One son and one grandson of Annabelle 45300 that produced 10,019.75 pounds of milk and 499.81 pounds of butterfat. Others of A. R. breeding.

Chester Whites 7 bred sows, immunized; one bred gilt; one aged boar; one young boar; 35 fall pigs extra quality.

For the sale catalog address,

Ira R. Long, Quinter, Kansas

Jas. T. McCulloch, Auct. J. W. Johnson, Fieldman Mail & Breeze.

HEREFORD CATTLE

HEREFORD CATTLE

MANSFIELD & JENNINGS, OTTAWA, KAN., SELL Purebred Herefords and Durocs Wednesday, February 20, 1924

at farm 17 miles southwest of Ottawa, or 8 miles northwest of Richmond.
30 Herefords: 5 good yearling bulls by Don Monarch by Monarch out of granddaughters of Beau Brummel, Beau Mystic, etc.; 5 good yearling heifers, same breeding; and 20 dandy nine month old bull calves by Delaware by Beau Delaware out of Anxiety bred dams. These young bulls sell at private treaty or public sale.

30 Duroc yearling gilts by Cherry I Am by the grandchampion, Great I Am and Gano Pathfinder bred for March and April farrow to Real Sensation by Golden Sensation by Great Orion Sensation.

A good offering of both Herefords and Durocs. The 20 bull calves are outstanding and the gilts are bred to a real sire. His fall pigs show it.—J. T. Hunter.

Address Mansfield & Jennings, Ottawa, Kansas for Catalog

Please mention Mail & Breeze. Send mail bids to J. T. Hunter.
Homer Rule, Auctioneer, J. T. Hunter, Fieldman.

Round-Up Show and Sale

American Royal Building—Kansas City, Mo.

March 3-4-5-6

\$1,000 in Prizes Should Bring the Best Offering Ever In The Round Up

Range Bulls—For Every Purpose—Herd Bulls.

Cows—Females That Will Satisfy—Heifers

Show will commence Monday, March 3d; Sale commences March 4th. Cattle may be sold in two days so do not wait until last day. For catalogs or information address

AMERICAN HEREFORD CATTLE BREEDERS' ASS'N.
300 West Eleventh St. Kansas City, Mo.

RED POLLED CATTLE

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

PLEASANT VIEW STOCK FARM. Choice bulls and heifers, calves to serviceable age. Heifers and Gambrill, Ottawa, Kan.

When writing advertisers mention this paper

JERSEY CATTLE

Choice Reg. Jersey Bulls
Calves to serviceable age, \$35 to \$100. My last three herd sires came from Longview Farm. A. H. KNOEPFEL, COLONY, KAN.

A PROVED SIRE. Owl, Interest, Finance breeding, blue ribbon ancestry, 4 years old. Take registered calves for part.
W. J. Teaman, LeCrosse, Kan.

Hatch Chicks Early

BY A. C. HARTENBOWER

Early hatched chicks are the ones that make the early and consistent winter layers. However, this does not mean that earlier than around March 15 is desirable. Neither does it mean that late April and May hatched chicks are the desirable kinds. The problem is to have the chicks hatched sufficiently early to have winter laying pullets and yet not have them so early that they will molt in the late fall. Again, the quicker-maturing, smaller breeds like the Anconas may be safely hatched later than the larger breeds like the Wyandottes. Yet, all in all, it appears to me that in far too many cases, the hatching of chicks on farms is too late and that few are they who have their chicks coming off too early.

Whether to incubate the eggs on the farm or to buy baby chicks must be governed to no small extent by the equipment on the farm, by the prices of eggs when compared with that of baby chicks, and by the breeding stock available. In many cases, it will be

SIGNS OF IMPROVING BUSINESS

Homer Drake, Duroc breeder, Sterling, Kan., on Jan. 21 writes: "Well, Duroc interest is beginning to wake up for me; more inquiries in the last week and a half than for two months before. No stretch in that statement either. Have sold the only boar that I didn't knife and now have them wanting boars to use at once. Have no regrets, however."—Homer Drake, Sterling, Kan. Breeder of Duroc Hogs. Jan. 21, 1924.

a paying proposition to purchase baby chicks from reliable breeders to the end, especially, that good stock may be had to replace the mixed stock now on the farm, while in still other cases, where the farmer makes consistent improvement in his flock of purebred chickens by culling, using high-class males or keeping a breeding pen, it would be folly to send away for baby chicks. I know there are thousands of dollars practically thrown away each year in purchasing baby chicks for the simple reason that the equipment at hand for caring for the chicks is not suitable, and the result is a good per cent of the young chicks never reach maturity. In other words, the cost of those raised is away out of reason when compared with what they will bring when sold either as breeding stock or on the market.

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If there is anything wrong with the Kansas Farmer and Mail and Breeze. If you paid for our paper and are not receiving it.

If your name, initials or route number are not correct.

We can't correct mistakes unless you tell us.

Let's hear from you. Thanks. Address Kansas Farmer and Mail and Breeze, A. S. Wolverton, Circulation Manager, Topeka, Kan.

Uncle Ab says not to believe the fellows who say that co-operation is a self-surrender; on the contrary, it is an assertion of equality with other organized interests.

Northern Kansas

By J. W. Johnson

Logan Stone, Haddam, Kan., will sell 45 Poland China bred sows at his farm near that place next Monday, February 18.

A. C. Steinbrink & Son of Netawaka, Kan., have announced February 22 as the date of their Spotted Poland China bred sow sale.

R. R. Frager, Washington, Kan., sells Spotted Poland Chinas at his farm three miles west and three miles north of Washington, Kan., February 19.

J. J. Smith's Commander Giant sale of Duroc Jersey bred sows will be held at Mr. Smith's farm adjoining Lawrence, February 25. He will sell about 25 head and they are either bred to or sired by Commander Giant.

E. L. Hoffman, Abilene, Kan., is the well known auctioneer in Dickinson and has a majority of the farm sales each winter. He reports stock of all kinds selling well in

Dickinson county and in fact better than it has sold for three years.

C. H. Wempe, Frankfort, Kan., breeds Percheron horses and on the farm where Percherons have been bred for over 30 years. There are several Wempe brothers in that section and all of them are breeders of purebred stock of some kind.

The Jackson County Jersey Cattle Club has decided to hold a club sale some time

SHORTHORN CATTLE

SHORTHORNS THE FARMER'S CATTLE

Shorthorn cows are profitable milkers and their calves grow into steers that make rapid gains in the feed lot and dress out a high percentage at the market. For information write
American Shorthorn Breeders Assn.,
13 Dexter Park Avenue, Chicago, Illinois

Scotch and Scotch Tops

10 last spring bulls, mostly nice roans. 15 heifers, same age, reds and roans.
C. W. TAYLOR, ABILENE, KANSAS

TOMSON SHORTHORNS

High class bulls and females at moderate prices. A large collection of select cattle to choose from.
TOMSON BROS., Wakarusa or Dover, Kan.

Milking Shorthorn Records

All cows officially tested. For sale: Bulls of world's record breeding. Write for free illustrated booklet.
THE BONVUE FARMS CO., DENVER, COLO.
Stock Yards

1876—THE CORYS—1924

A few very choice white and roan Scotch bulls from 9 to 15 months old. Also a nice lot of heifers suitable for calf clubs.
E. A. CORY & SONS, TALMO, KAN.
Or Concordia State Bank

Amcoats Shorthorns

We offer a few very choice bulls from 12 to 15 months old, straight Scotch, nice roans and real herd bull material.
S. B. AMCOATS, CLAY CENTER, KAN.

Reds, Whites and Roans

For sale: Shorthorn bulls from 8 to 12 months old.
M. H. ROBERTS, WESTMORELAND, KAN.

Well Grown, Serviceable Age Bulls

by Marshall Crown Scotch and Scotch Topped. From best of families. C. H. WHITE, Burlington, Kan.
PURE SCOTCH SHORTHORN BULLS
Get of Silver Marshal. Old enough for service. Bulls under 1 year can be shipped crated by express. Silver Marshal by Village Marshal at 3 years weighed 2200 in good breeding condition. Accredited herd. Write for prices.
A. H. Taylor & Son, Rt. 4, Sedgwick, Kan.

HEIFERS, COWS, BULLS—all ages. Scotch and Scotch topped. Senior sire by Scotch Cumberland; sire by Ashbourne Choice Dams include Cruickshank Secret, Bates, Young Marys. Elmer Conrad, Rush Center, Kan.

HOLSTEIN CATTLE

The Annual State Sale

of the State Holstein Breeders' Association will be held at Topeka, March 31. I want to hear from every Kansas breeder at once that has something good to sell.
W. H. MOTT, SALE MANAGER,
Herington, Kan.

Wanted A Home For

No. 1—A 32.5 lb. bull at.....\$300
No. 2—A 1,030 lb. bull at.....\$350
No. 3—A 660.57 lb. bull at.....\$200
These bulls are yearlings, very good individuals and sired by Elmer Trilumina Homestead One, a bull with remarkable year record backing. Write for pedigrees and photo.
G. C. MEYER, BASEHOR, KANSAS

Shungavally Holsteins

We have decided to spare a few females, any age to suit purchaser. We have more state records in the 305 day division than any herd in Kansas in our fourth year of continuous testing. Buy your bull calf now.
IRA ROMIG & SONS, Sta. B, Topeka, Kan.

Central Kansas Herd

Boars, bred gilts, fall pigs, either sex. Priced to sell. Immunized and guaranteed. Write to us.
J. C. Long & Sons, Ellsworth, Kan.

Holstein Cows For Sale

40 reg. and high grade Holstein cows. Fresh and heavy springers. Parkview Farm, Rt. 8, Topeka, Kan. Opposite Gage Park.

REG. HOLSTEIN BULL AND HEIFER
Both extra good. Bull fifteen months old. A show bull, mostly white. Sire's dam 28.98 lb. granddaughter of Pontiac Kordyke. Dam's sire has seven dams averaging 1040 lbs. butter. \$100. Heifer, 10 months old, a good one, \$80.
O. S. ANDREWS, GREELEY, Anderson Co., KAN.

BULLS. Calves up to mature bulls. Some out of A. R. O. dams. Federal accredited herd. Might sell a few females too.
A. W. Copeland, McCracken, Kansas

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES anywhere write Edgewood Farms, Whitewater, Wisconsin

FOR THE VERY BEST Holstein or Guernsey calves 7 to 9 weeks old, write Spreading Oak Farm, Whitewater, Wis.

BRADFURN HOLSTEINS
Bull calves for sale; also cows and heifers.
H. B. Cowles, 423 Kansas Ave., Topeka, Kan.

HEREFORD CATTLE

BRED OR OPEN HEIFERS AND COWS
Bulls—calves to breeding age. Sired mostly by Romulus 28, a Beau Mystic sire. Bred females in service to Model Boy by Rocky Boy. Lester Schroeder, Albert, K.

in April and the date will be announced a little later. This is one of the strong Jersey cattle centers and this offering is sure to be good.

J. E. Weller of Legal Tender Stock Farms, Holton, Kan., has announced a Duroc bred sow sale to be held February 26. Mr. Weller is one of the veteran Duroc breeders. His herd was founded 18 years ago, and for years has been one of the noted Duroc herds.

A combination sale of Spotted Poland Chinas will be held at Chapman, Kan., February 28. Wilkins & Anderson, L. E. Acker and E. F. Detrich & Son, all of Chapman, are the consignors. They will sell about 50 head and it is an offering of extra well bred and well grown sows and gilts.

George W. Bemis, Cawker City, Kan., will disperse his herd of shorthorn cattle at his farm, adjoining Cawker City, March 5. Small Brothers of Cawker City, will consign a few young bulls with him. It will be an unusual offering in both quality and breeding.

Lynch Brothers, Jamestown, Kan., are heavy consignors to the big bred sow sale at Concordia, Kan., next Monday, February 18. Carlson's 8 spotted Chinas, the better than a half ton bear sired most of the sows that go in their consignment. Others sired by Lynch's Booster.

D. J. Mumaw, formerly of Onaga, Kan., is now located in his new home on the Henry J. Haag farm near Holton with his Spotted Poland Chinas and Hereford cattle. His herd of Spots is headed by Evolution, bred by The Limit and Kansas Arch Back by Arch Back King. The Herefords by Beau Mischief 42nd by old Beau Mischief.

The date of the Kansas State Holstein Breeders' sale and annual meeting and banquet at Topeka, Kan., has been set for March 31. W. H. Mott, Herington, Kan., association sale manager, is getting out letters now to members asking for something good to make this the best sale held by the association in some time. Those who have something to sell should write him without delay as the time is short. This will be the 11th sale of this association. The association has over 500 members in Kansas and is the largest breeders' association in the country. A nice program is being arranged for in Topeka on this date and a large attendance is looked for.

E. E. Norman, Chapman, Kan., sold Duroc Jersey bred sows at Chapman in the sale pavilion, Wednesday, February 6, and it was a good offering of well conditioned sows and gilts. The first 25 head averaged \$32 but some younger gilts, but very good, brought the average down somewhat. This was Mr. Norman's annual bred sow sale and he was satisfied with the prices in view of the fact that sow sales everywhere are not going as well as it was hoped they would earlier in the season. As usual he had good local support which is always an indication of the worth of the offerings of any breeder. It was a pretty good sale but the high quality of the offering warranted better prices.

Last Thursday Woody & Crowl, Barnard, Kan., sold 50 Duroc Jersey bred sows and gilts in the sale pavilion at Barnard and it was sure a big day there. Every business man in Barnard and all the farmers from the vicinity of that nice little town were there and very much interested in the splendid offering this firm was selling. The roads were bad, and farther west were impassable but there was a big crowd out anyway. The Ladies Aid Society gave a big dinner right on the main street in a very suitable building and the boys' and girls' orchestra of Barnard furnished the music during the noon hour. The prices received were not as good as last year and the average of around \$35 was pretty low for the kind of sows they were selling, but both Mr. Woody and Mr. Crowl said after the sale they were entirely satisfied and their 1925 annual bred sow sale would be held in the same place and about the same time of the month.

H. D. Burger, Seneca, Kan.; H. B. Allen, Goff; Edward Drayney, Seneca, and Allie Stallhaumer, Seneca, and Stanley & Goodrich, Goff, were the consignors in the combination sale of 50 purebred Holsteins at the Burger Dairy Farm near Seneca last Friday. A very fair crowd was out considering the fact that the roads were almost

SPECIAL RATES

For Purebred Livestock Advertising

For \$1.20 per issue you can have your advertisement printed under the proper breed classification of the Kansas Farmer and Mail & Breeze, in a space of three agate lines, which will carry from 10 to 20 words, depending on the kind of type used. Figure any larger space on the basis of 40 cents per agate line.

Thus a space of 10 agate lines, or about three-fourths of an inch deep and one column wide costs \$4, which means that for you we carry this advertisement (containing 20 to 60 words, depending on the type you use) to the farmers of Kansas and Eastern Colorado, at about three and a quarter cents for each 1,000 farms reached. No other advertising is so economical.

Write your own advertisement or send us the facts about your herd and what you have to sell, and we will be glad to fix up your advertisement for whatever space (of three agate lines or more) you say. Ask about small stock cuts for free use in advertisements.

For public sale advertising be sure you start early enough. You can interest a given number of prospective buyers at less expense by running a moderate advertisement in 3 or 4 issues before your sale than by waiting until there is only time for one advertisement. Consult the fieldmen in such matters, or write them as follows:

John W. Johnson, 820 Lincoln St., Topeka, Kan., for the northern territory; J. T. Hunter, 2734 East Central Ave., Wichita, Kan., for the southern territory.

Or send your instructions to T. W. Morse, Director of Livestock Service, Canner Farm Press, Topeka, Kan.

Kansas Spotted Poland Herds

Spots Out of Large Litters

Spring pigs, both sexes, by Master K, 19th, Cornage, and My Searchlight. Well marked. All double immuned. All by boats out of large litters and these pigs for sale are out of large litters.

PETE ANDERSON, BURLINGTON, KAN.

Largest Spotted Poland Herd in Kansas

Headed by 6 boars including Master K, King of England Jr. by King of England, etc. All classes for sale at all times. Write me your needs.

A. S. ALEXANDER, BURLINGTON, KAN.

In Our New Location

at Holton, Kan. Spotted Poland China herd headed by Evolution by The Limit and Kansas Archback by Arch Back King. Herefords headed by Beau Mischief 42nd by old Beau Mischief. Call on or visit us.

D. J. MUMAW, HOLTON, KANSAS

Big Clean Up Farm Sale

In my dispersion sale January 16, 74 sows and gilts averaged over \$50. I am selling 150 head in my farm sale, 25 are bred sows, others fall pigs, etc. All eligible to registry. Write for particulars.

HENRY HAAG, HOLTON, KAN.

Choice Spots-Attractive Prices

Bred sows and a choice collection of fall pigs at attractive prices. Every hog in good condition. Sires in use: Arch Prince by Arch Back King and The Topic by The Night Rider.

W. P. HAMILTON, BELLE PLAINE, KAN.

Bale's Spots

Bred spring gilts in service to Ranger B. by Model Ranger, and Imperial Commander, a straight big type sired by Attaboy, 1923 Topeka fair grand champion. Prices are reasonable.

C. W. BALE, CHASE, KAN.

Miller & Manning Offer

Spring boars of outstanding quality in breeding and as individuals. Open gilts or bred for spring farrow. Write us your wants today.

MILLER & MANNING, Council Grove, Kan.

Bred Sows and Gilts

of fashionable bloodlines, including the grand champion, Leopard Improver, English Marvel and others. Bred to my two good boars, Revelation's Equal and W's Guerdal. Fall pigs, either sex. Everything immunized and priced right. Try me.

RAY WORTHING, BELVUE, KAN.

SPOTTED POLANDS

Sale at the farm, three miles west and three north of town on Hadam-Hanover road.

Washington, Kansas, Tuesday, February 19

40 bred sows and gilts bred to our herd boars, English Count by The Aristocrat, Improved Revelation by Revelation's Equal.

We guarantee satisfaction. Come and win a free gilt. The sale is next Tuesday. Come or send bids.

R. R. Frager, Washington, Kan. Jas. T. McCulloch, Auctioneer, J. W. Johnson, Fieldman Mail & Breeze.

AYRSHIRE CATTLE

Ayrshires For Sale

Bull and heifer calves from cows with advance register records of twelve to thirteen thousand pounds milk and from heifers now milking forty-five to fifty pounds daily. Also one imported bull calf.

ARTHUR L. FARWELL, Chicago, Ill.

BULL CALVES

1 to 6 years old, \$50; mostly from dams with good official records. Females: 1 or a carload at moderate prices.

DAVID G. PAGE, Fairfield Farm, Topeka, Kansas

Cummins Ayrshires

Females all sold. Some choice bulls 4 to 9 mos. old. R. W. CUMMINS, PRESCOTT, KS.

POLLED HEREFORD CATTLE

TRUMBO'S POLLED HEREFORDS. Heifers: Coming yearlings to 3-year-olds, bred or open. Bulls: Calves to serviceable age. Herd sires: Abe G. a Polled Success, and Echo Mystic, a Polled Admiral. Dams: Beau Ideal, Rex Onward, etc. W. W. Trumbo, Peabody, Kan.

REG. Double Standard Polled Herefords. Choice young bulls for sale. Write for description. Wm. C. Mueller, R. 4, Hanover, Ks.

POLLED SHORTHORNS

Representing some of the greatest blood lines of the breed, and the greatest Beef, Milk and Butter breed. Bulls 7 to 20 mo. at \$60 to \$200. No females for sale.

J. C. BANBURY & SONS, PRATT, KANSAS Phone at our expense 1602.

Landmarks of the Breed—X

Early Sources of White in Poland Chinas

The following data, as set down in the early records and history shows where some of the white in Spotted Poland comes from.

To begin with I will refer to "The Old Harkrader sow" which is recorded in the Standard Record under the number of (11). This sow is recorded in the old Central Record as No. 2, which by the way is the first sow that was ever recorded in the Old Central Record. She is also recorded in Vol. 1 of the Ohio Record under the number of 950. It is my understanding that "The Old Harkrader Sow" was the original spotted sow of the breed.

Readers are probably aware that the Central and Ohio Records were consolidated several years ago and the consolidated record is now known as the National Poland China Record of Winchester, Ind.

Again referring to "The Old Harkrader Sow," I will give you her history as recorded in the records, which is as follows:

2 Central (11) S. 950 Ohio The Old Harkrader Sow. White, second choice out of a lot of 22 sow pigs, sold at John Harkrader's sale.

Bred by John Harkrader, Springboro, Warren County, O.; bought at his sale in February, 1862, by J. B. Pugh, Franklin, Warren County, O.; marketed in the fall of 1865.

Mr. John Harkrader was one of the originators of the Poland China breed of swine and no other breeder at that time could deserve more credit for the improvement of this breed than "John Harkrader."

You will note her color is given as white. There has been, however, considerable argument as to whether this sow was pure white or whether she was spotted. As I have heard about as much argument one way as the other I would hesitate to express an opinion on this point.

The second sow recorded in the old central record is a sow named White Beauty. I will give her pedigree as printed in this record:

4 Central, White Beauty. Cannot give date of farrow. Color, white. Bred by Reuben Mull, Lebanon, Ohio, sold to Lefe Rue, Franklin, Ohio.

You will note that her color is also given as white. By going very carefully thru the old central record, I find quite a number of animals that were recorded and their color given either as white or black, spotted, light spotted and dark spotted. I also find some of the animals recorded with the color given as black with a few white spots.

In the spring of 1855 Wm. A. Robbins & Co., bought in Butler county, Ohio a large white sow. Shortly after the purchase this sow farrowed and

MODEL RANGER

1922 world's Junior Champion. Now owned by us, the highest priced boar of the breed this year. Bred sow sale February 27. Catalogs upon request. Gifts by The Harvester, Singleton's Giant, etc., and bred to Model Ranger. Other herd boars: King of Creation by Arch Back Rainbow King, and Pickett Chancellor by Pickett's Spotted Giant. HIGHWAY FARM, Marysville, Kan. Dr. J. A. Beveridge, Owner.

POWELL'S SPOTTED POLANDS

Sows and gilts bred to Realization 2nd, by Realization and Disher's Carmine by King of Carmine. Immunized, registered, guaranteed. D. E. POWELL, ELDORADO, KAN.

The Dellwood Stock Farm

"Home of The Millionaire" A high class bunch of sows and gilts bred for March and early April farrow, to outstanding boars. We have a topy bunch of fall boar pigs. G. S. Wells & Son, Ottawa, Ka. The Millionaire 40000

Bazant's Big Spots

Bred/sow sale at farm near Narka, Kan., February 21. A few good young boars for sale and I want your name at once for my sale catalog. Address

R. J. BAZANT, NARKA, KANSAS

Two herds on two farms.

Large Type Spotted Poland Chinas

Either sex. Bred gilts, tried sows. Fall pigs by Molly's Corrector IV. Prices reasonable. M. N. THILLE & SON, Cawker City, Kan.

BRED SOW AND GILT SALE

Cawker City, Feb. 14. Big type breeding and everything bred to farrow in March and April. All double immuned. Write for sale catalog. Address Geo. F. Crabill & Son, Cawker City, Kansas

raised eight very nice pigs. That year the sow was shown at the Decatur (Indiana) fair and took first prize in class and sweepstakes.

I note a report given by the executive committee of the old central published in Volume 1, in which the description of the Poland China is given as follows:

"The color is naturally spotted, but fancy of the breeder has varied it from nearly white to almost black, the dark color having the preference."

As the breed developed, founders of herds in other sections got their start from the Ohio localities where ideas as to color prevailed as indicated in the foregoing. James Mustard of Broad Ripple, Ind., was among the most prominent of these. He purchased the foundation for his herd of David Finch of Oxford, Ohio, in 1865. From time to time other purchases were made from James and William Hankinson, James Marshall, James Russell, William Greer, David Monfort, A. M. Jewel and John P. Cheeseman of Rutler and Warren counties, Ohio, also of Shepard & Alexander of Charleston, Ill.—Frank L. Garrett.

Spotted Poland China Sale

Bred sows and gilts of outstanding bloodlines.

Chapman, Kan., Thursday, Feb. 28

Bred sows and gilts representing Pathmaster, Pickett, Giant Improver, Creator and Singleton's Giant. Can you find another place in Kansas where there is as much champion blood represented? Write for the sale catalog today. Address, either,

Wilkins & Anderson, L.E. Acker or E.F. Detrich

All at Chapman, Kan. Come and bring your neighbor.

Bred Sow Sale Spotted Poland

At Walnut Bend Farm, 1 mile west and 5 miles north of Netawaka, Kan.

Friday

February 22

10 tried sows, 24 gilts, 5 fall boars and 6 fall gilts. This offering is sired by 14 different boars. All sows and gilts were immuned 60 days or more before breeding. For sale catalog address

A. C. STEINBRINK & SON, Netawaka, Kan.

MILKING SHORTHORNS

MILKING SHORTHORNS—OF MERIT

A nice lot of bulls from 6 to 14 months old. A great bargain in my May & Ott's herd bull.

R. M. ANDERSON, BELOIT, KAN.

SHROPSHIRE SHEEP

SHROPSHIRE EWES—Daughters of Senator Billy IV. Bred to grand champion ram 1924 Kan. Natl. Due in March. S. A. Homan, Peabody, Kan.

When writing advertisers mention this paper

Bred Sow Sale Spotted Poland Chinas

Sale at Paradise Valley Farms, Joining town,

Codell, Kan., February 26

This is a select offering of bred sows and gilts, grown and developed with their future usefulness in mind. Bred to such boars as our \$800 pound son of Carlson's Spotted Chief, Royal Improver and Improver 2nd. The sale catalog upon request to

TUCKER & HARKINS, OWNERS, CODELL, KAN.

J. W. Travis, Auctioneer, J. W. Johnson, Fieldman Mail and Breeze.

Fisher's Spotted Poland

Prize winning Spotted Poland bred sows, age 1 and 3 years, bred to noted boars. Bruce Fisher, Lyons, Ka.

Greenleaf's Bred Gilts—\$20-\$25 J. O. GREENLEAF, MOUND CITY, KAN.

SPOTTED POLAND JULY BOARS for sale, best breeding. Iowa Silvermine seed corn \$2.00 bu. Robert Freemyer, Seiden, Kansas.

BRED SOWS \$30 to \$35; bred gilts \$25; spring pigs \$12.50; fall pigs \$7.50. Arch Back King breeding. T. L. Curtis, Dunlap, Kan.

WHARTON'S BIG TYPE POLANDS

36 tried sows and spring gilts, 5 fall boars, one fall yearling boar. Sale at the farm near town.

Agenda, Kan., Tuesday, February 26

This offering is sired by such boars as Kansas Liberator, Walter's Liberty Bond, Clan's Bob 2nd and Blue Valley Tom. They are out of such dams as a granddaughter of Liberator, Granddaughters of Col. Jack and Blue Valley Timm. Kansas Liberator was second at the North Central Kansas fair at Belleville, 1922 and many of the dams of the offering won good places at the same fair. The gilts are bred to Peacock Giant and Liberty Sensation by Walter's Liberty Bond. Everything immunized double treatment. For sale catalog address,

G. N. Wharton, Agenda, Kansas

G. C. Waring, Auctioneer. J. W. Johnson, Fieldman Mail and Breeze.

POLAND CHINA HOGS

B. C. Swonger & Son

Will hold their Sale of
Registered Poland Chinas

At County Building,
Pratt, Kansas
Thursday, Feb. 28

This herd is headed by two splendid boars—KANSAS RAINBOW—out of Golden Rainbow, by Rainbow Artist, by Rainbow Dam, Big Buster's Mollie, by Wonder Buster Over, by Wonder Buster, by Disher's Giant. SWONGER'S PETER PAN—By Peter Pan's Giant, by Peter Pan. Dam, Jumbo's Choice by Invincible, by Bob Wonder.

The herd sows are of the Black Buster, Columbus Buster, Giant Tim, Big Jones Junior, Hardman's King Joe and Clansmen lines. A well balanced lot of useful sows crossed with these outstanding boars cannot help producing a great lot of splendid hogs. Write for catalog to

B. C. Swonger, Cullison, Kan.

Walker-Johnson Combined Poland Sale

At the heated pavilion, D. E. Johnson's farm, 9 miles northeast Macksville, or 13 miles northwest St. John or 17 miles southwest Larned.

Macksville, Kan., Feb. 27

8 sows by Big Chief Sensation, Big Chief Wonder, Rickerts' Constructer, Revelation Bomerdale, etc. 25 fall pigs by Revelation Bomerdale. Sows and gilts in service to Revelation Bomerdale and Revelation Wonder, both by Revelation and a son of The Outpost. Farrow in March.

Win a Fall Gilt—Win a Fall Boar

We give a fall gilt to the one who tops the sale. We give a fall boar to the one who buys the most bred females. These will be good pigs.

Write for catalog, mentioning Mail & Breeze. Address

C. S. Walker, Macksville, Kan. or
D. E. Johnson, Macksville, Kan.

Pat McKenon, Auctioneer
J. T. Hunter, Fieldman

Poland China Sale

at the farm northeast of town,
HADDAM, KAN., MONDAY, FEB. 18

25 fall yearling sows, 20 spring gilts, seven purebred Shorthorn cattle.

The sows have been pasture raised and are in good condition. All immunized and bred to a Clansman boar for spring farrow.

LOGAN STONE, HADDAM, KANSAS

SOWS AND GILTS BY GIANT BOB 2nd

and son of The Outpost. Bred to Fashiondale and Perfect Checkit. Fall pigs, either sex by Fashiondale.

OTHO G. SMITH, COLONY, KAN.

BIG TYPE POLAND GILTS

bred for March and April farrow. Fall-pigs by Loy's Royal Flush. Gilts bred to Kansas Challenger, none better. Immunized. Priced to sell.

G. E. Loy, Barnard, Kansas

POLANDS, either sex, by Designer and Clotte, Jr. Few Designer and Clotte Jr. gilts bred to Liberator-Revelation. The Outpost and Checkers-Heritage, at former prices. J. R. Houston, Gem, Kan.

FALL PIGS BY WITTUM'S KING KOLE out of daughters of Revenue, Gerstale, Orange, Giant Buster, etc., \$15.00.
F. E. Wittum, Caldwell, Kansas

POLAND CHINA BRED SOW \$40.00. Fall yearling \$30.00. Spring gilts, \$30.00.
C. R. Rowe, Scranton, Kansas.

When writing advertisers mention this paper

CHESTER WHITE HOGS

Blue Grass Chester Whites

40 wonderful spring gilts from the Blue Grass Herd. 23 first and 16 champions in leading recent shows.

Sale in Pavilion

Hiawatha, Kan., Monday, Feb. 25

Bred to Kansas Pathfinder, Blue Grass Again, Kansas Blue Grass, Blue Grass Boy and Last Blue Grass. A sale of "all tops" and surely your opportunity while you can buy the best for reasonable prices. For the sale catalog address,

EARL LUGENBEEL, Owner
Padonia, Kan.

Remember the sale is in Hiawatha in a comfortable sale pavilion.

Buehler's Big Chester White Sows

Private sale. Bred to big and richly bred boars. These sows and gilts combine size and show yard quality. We have always won our share of ribbons. 80 for sale at very conservative prices.

WM. BUEHLER, STERLING, (Johnson Co.) NEB.

Chester White Male Hog

weighting 290. Registered. Double cholera immunized. \$30.00 if taken before March.

B. DYE, WOODRUFF, KANSAS

REG. CHESTER WHITE BOAR PIGS of serviceable age, sired by a son of Big Buster, \$20 each. Bred sows and gilts.

Earl Scott, Wilmore, Kan.

HAMPSHIRE HOGS

Two Bred Sow Sales

Feb. 19—Cantril, Iowa
March 12—Sioux City, Iowa
Also 200 Registered Hampshire bred sows and gilts, 30 boars and 6 carloads stock pigs for sale. For sale private treaty. Sell one or carload. All immune. Write for Free catalogs and private sales lists.

WICKFIELD FARMS, CANTRIL, IOWA

F. F. Silver, Prop., Box No. 8

Whiteway Hampshire Sale

Frankfort, Saturday, March 8
Every gilt sired by a grand champion boar and bred to junior champion boars. For the catalog address

F. B. WEMPE, FRANKFORT, KAN.

TYLER'S TIPTON BRED HAMPSHIRE

We are offering a few choice tried sows and the smoothest bunch of gilts we have ever raised; also some choice boars. Send for free catalogues.

A. N. Tyler & Son,
Route 2 Reading, Kan.

BERKSHIRE HOGS

When Wanting Berkshires

write NASH & SONS, ESKRIDGE, KAN.
Oldest firm in the state.

HORSES AND JACKS

JACKS

We have plenty of them of the right kind and ages, also good young Percheron stallions, a good Belgian stallion and some good mules. A written guarantee with every jack or horse.

Hineman's Jack Farm,
Dighton, Kansas.

I Have One Extra Good Jack for Sale at \$300

or will trade for some good cattle. Black meaty points. Registered. Extra heavy body and bone, stands fifteen hands high, age 6 years.

G. W. CHANDLER, KINCAID, KANSAS

Trade, Mammoth Missouri Jack, Percheron Stallion Both 6 years old. Will trade for young cattle and pay difference. Write for particulars.

W. A. HOUK, AMERICUS, KAN.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer
219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch
Livestock Auctioneer
Clay Center, Kansas

GUERNSEY CATTLE

7 HEAD GRADE GUERNSEY MILK COWS For sale. 1 registered yearling bull. 1 registered heifer 9 months old. For particulars write Woodland Park Guernseys, Box 113, Lawrence, Kan. (Herd Federal Accredited)

impassable in certain sections of Northeast Kansas and very bad in the vicinity of Seneca. The top was \$210, and a lot of young heifers and bulls and some calves brought an average below that considerably. It was a good offering and should have brought more money and undoubtedly would have done so if the roads had been in condition so that buyers could have attended from out over the state. Inquiries for catalogs from over Kansas and Southern Nebraska were pretty good and but for the storm there would very likely have been a good attendance from away from home.

Southern Kansas

By J. T. Hunter



Next Tuesday, February 19, is the date for the Joe Tucker Poland dispersion at the Park Salter farm 10 miles east of Wichita, Kan., on Harry Street.

B. C. Swonger & Son of Pratt, Kan., have announced a Poland China bred sow sale to be held February 28.

J. G. Axtell, Great Bend, Kan., has been in charge of the county farm for the past four years. He keeps a purebred Duroc herd. Recently purchased a daughter of Orion's Amplifier and Ideal Commander by Commander for improving his herd.

Deming Ranch Poland show herd at Denver and at Wichita shows this spring won grand championship on boars and sows. Manager H. O. Sheldon evidently succeeds pretty well in producing both the feeding and the breeding kind.

L. B. Breeden, Great Bend, Kan., carries a small facial scar and an empty sleeve as reminders of active service on the front during the World War. Mr. Breeden has a good Duroc herd headed by Big Pilot by Sensational Pilot. One good gilt in his herd is by Radio and in service to King of All Pathmasters.

Homér Jorns, Preston, Kan., bought a Duroc gilt in a sale last spring. Paid \$35 for her. She raised eight pigs. Two boars were sold for \$30 and \$20 respectively. Marketed four head at a total of \$40. Still has the sow and two of her best gilts. The boy made some money on that gilt regardless of how much the feed cost him.

E. E. Shives and J. W. Shives, bankers at Turon, own a 1480-acre farm near Burrton, Kan. The farm is managed by E. O. Allman, Burrton, Kan. The Poland herd on this farm is one of the important features of the farm. The senior boar, Golden Rainbow, is a grandson of The Rainbow. The junior sire is by The Outpost and out of Miss Hyland, third in class at 1922 National Swine Show, and grand champion 1923 Missouri.

C. S. Walker and D. E. Johnson, both of Macksville, Kan., will hold a combined Poland sale at Mr. Johnson's farm 9 miles northeast of Macksville, Kan. Sale will be under cover. A fall gilt will be given the one who tops the sale and a fall boar will be given the one who buys the most bred females. There will be well bred pigs as will be the breeding of the offering, a number of which are by or bred to sons of Revelation and Outpost.

F. J. Schaffer, Pratt, Kan., planned to hold his annual spring Duroc sale Monday, February 19, but blizzard weather compelled postponement. The sale was held the night of February 5 in a well lighted and heated pavilion at the farm. About 50 people, none from more than 10 miles away, braved the weather and assembled at the sale. Six sows, 12 fall gilts and 10 spring gilts sold at an average of something over \$26. The average was lower than would have resulted had the sale been held under normal conditions. Basil Dennis, Cullison, Kan., was the heaviest buyer at the sale.

Simon Cooley and son, Ray Cooley of Plymouth, Kan., hold Duroc spring sales annually. Sales have been held at Emporia. This year their offering consists of 20 head, too few to justify taking away from home to sell. The sale will be held at the Cooley farm 9 miles west and 3 south of Emporia, or 4 miles southwest of Plymouth, Tuesday, February 19. Royal Pathmaster by Pathmaster and Straight Sensation by Great Orion Sensation are the two herd sires. Cooleys' sale date was originally set for February 23 and at Emporia. It has been changed to February 19 and will be at the Cooley farm.

More than 750 people were present at the Morris & Alkire Shorthorn sale at Marion, Kan., Saturday, February 9. Cattle were consigned by A. J. Morris, Anadarko, Okla., and E. E. Alkire, Chickasha, Okla., and the sale managed by F. S. Kirk, Wichita, Kan. Five bulls ranging from 9 months to aged bulls averaged \$104.50. Twenty-four cows and heifers averaged \$123.75. The 29 head averaged a little over \$121. Top was a daughter of Roan Lord out of Jehu's Emerald at \$445 to Joe Niemeir, Hope, Kan. Eighteen buyers took the offering. Kan. men took each, one took two head, one took three head, and two took five head. About a half dozen more were to be sold when the fieldman left but the average would not be changed much with the additional sales. It was a very satisfactory sale.

Bad weather during the week beginning February 4 seriously interfered with the Big Four Duroc sales of that week. F. J. Schaffer, Pratt, Kan., sale was postponed from Monday to Tuesday night. Zink Stock Farms, Turon, Kan., sale was postponed from Tuesday of that week to February 26. G. M. Shepherd, Lyons, Kan., sale was held Wednesday with not more than 50 people present. East and west roads at that place were partially to completely blocked with snowdrifts. W. H. Fulk, Langdon, Kan., sale Thursday came at a time when the storm had subsided and in a section where the storm had not been so severe but unpleasant experiences of the stormy weather resulted in a small attendance and a partial sale of the offering at an average of about \$20. Auctioneer Boyd Newcom and Fieldman J. T. Hunter drove to circuit in a Studebaker six and were stuck in snowdrifts three times in the four days. It required pushing and pulling, and shoveling and mule power to get out of these drifts.

Snow-blocked roads and cold weather almost caused G. M. Shepherd, Lyons, Kan., to postpone his annual spring Duroc sale

from February 6 to some later date. However, at sale time the small crowd present, not over 50, assembled at the sale ring and bid on a very good offering such as Mr. Shepherd always presents. Eight tried sows averaged \$143.25 with a top of \$105 on a daughter of Shepherd's Orion Sensation to A. E. Kiser, Geneseo, Kan. Twelve fall yearlings averaged \$49.25 with a top of \$100 on a daughter of Sensation's Pilot out of King Lady Orion to Jim Hollinger, Chapman, Kan. Four gilts of this litter averaged \$72.50. Six spring gilts averaged \$55 with a top of \$85 on a daughter of Orionator to Jim Hollinger. Buyers included L. F. Beeden, Great Bend; J. G. Axtell, Great Bend; Harry Long, Ellsworth; R. M. Hollinger, Chapman; Walter Coldwater, Lyons; Geo. Anspaugh, Ness City; H. C. Bird, Great Bend; Gordon Gray, Jetmore; Chas. Ward, Lyons; Walter Poland, Lyons; F. J. Schaffer, Pratt, Kan. Mr. Shepherd had several unsold at the close of the sale. He and J. C. Long & Son, Ellsworth, Kan., will hold a combined sale at the Shepherd farm March 14.

Jim Yeager Wins Grand Championship

A 2-year-old steer which was raised from a calf by James Yeager, of Bazaar, a student of the Chase County Community high

DUROC JERSEY HOGS

A Bargain Place For Durocs of Quality

Cooley Farm, 9 miles west and 3 south of Emporia, and 4 miles southwest of Plymouth, on good road

Plymouth, Kan.
Tuesday, February 19

10 fall yearlings bred to Straight Sensation, 10 spring gilts bred to Royal Pathmaster and Straight Sensation. All well grown and showing for March and April litters.

Females sired by Royal Pathmaster, Straight Sensation, Pathfinder's Model, Giant Orion Sensation, Waltemeyer's Giant, Orion Pathfinder.

Our two herd sires are: Royal Pathmaster by Pathmaster and Straight Sensation by Great Orion Sensation.

Our motto, "Size, Quality, Big Type."

For information write

S. & R. G. Cooley
Plymouth Kansas

Zink's Postponed Duroc Dispersion

Turon, Kan., February 26

Bad weather on Feb. 5 compelled postponement.

35 sows and gilts—2 herd sires. Females by or bred to Great Pathmaster by Pathmaster and Great Sensation Wonder by Great Sensation. (These two sires sell in the offering. Another good Zink offering. Write for a catalog. Please mention Mail & Breeze. Address,

Zink Stock Farms, Turon, Kan.

Boyd Newcom, Auctioneer.
J. T. Hunter, Fieldman.

Brauer Purebred Duroc Co.

Largest herd in Colorado. Won more ribbons at last National Western, Denver, Colo., than all other Colorado breeders combined. All classes, best breeding for sale.

Brauer Purebred Duroc Co., Colorado Springs, Colo.

200 Immune Duroc Bred Gilts

Sired by and bred to State Fair prize winning boars. Shipped on approval. No money down. Special prices on carload lots.

F. C. CROCKER, Box M, FILEY, NEB.

DUROC BRED SOWS, PRIVATE SALE
Best Sensation and Pathfinder breeding and bred to our great boar NEBRASKA GIANT SENSATION. Will ship on approval and pay express. All immune. Attractive prices for quick sales.

B. F. HENRICH, DILLER, NEB.

SHEPHERD'S CHAMPION BRED BOARS
TEN REAL FALL AND SPRING BOARS. Priced to move at once. None better, few as good. Write for prices and descriptions. Act quick. G. M. SHEPHERD, Lyons, Kan.

40 DUROCS—BRED GILTS and FALL PIGS Sired by champion boars or sons of champions bred to Giant Radio. Immunized, registered, right. Write your Duroc wants to
Homer Drake, Sterling, Kan.

COL. BRED PIGS by Col. Supreme by Supreme Col. out of daughters of Royal Sensation and Pathfinder Chief 2nd. Theo. M. Steinbocker, Andale, Kan.

school of that city, was the grand champion winner in the baby beef contest at the recent Kansas National Livestock Show in Wichita. The steer was a registered Short-horn, weighing 1040. Yeager, who is a student of the livestock production class of the agricultural department of his high school, had made the steer his class project for the past year. The steer was sold to the Cudahy Packing Company for \$17 per hundred pounds.

A Well Equipped Farm

If the incubator should catch fire at Frank J. Schaffer's farm near Pratt, Kan., the fire could not spread from the cement basement in the henhouse. The incubator is not installed in the henhouse recently built but when it is installed it will be in a 12 by 18 foot basement with a 6 foot ceiling. The roof is concrete reinforced with half-inch steel rods in 4-inch cement. Above the basement is a 12 by 32 roosting room. Adjoining this room is a scratching and laying pen 18 by 32. On a blizzard day little chickens were observed industriously and contentedly scratching for tidbits in the straw on the floor. The Schaffer flock of Plymouth Rocks numbers 200 and they get more than 100 eggs daily. The hired man's Saturday morning job includes backing up a manure spreader before the henhouse door and then scattering the manure over a field. There are at least 150 purebred Durocs and small herds of purebred Herefords and Ayrshires. Mr. Schaffer farms three quarter sections. Has 300 acres in wheat, and recently bought a ton of Sweet clover seed for sowing in the spring. An old Ford engine made over into a hoisting engine rests in a corner of the blacksmith shop. It does good work in loading or unloading bins and wagons. Shocked corn in racks and a large number of hedge posts in neat piles greet the eye when one first drives into the barn yard. The Schaffers could get along very nicely right on their farm using products of their own growing or manufacture if they were forced to such extremity that they could not get outside products.

Public Sales of Livestock

- Percheron Horses**
March 6—North Central Kansas, Cawker City, Kan.
- Angus Cattle**
March 20—Johnson Workman and others, Russell, Kan.
- Shorthorn Cattle**
March 4—Geo. Bemis, Cawker City, Kan.
Mar. 25-26-27—Central Shorthorn Association, Kansas City, Mo.
March 26—Saline Valley Breeders, Lincoln, Kan.
March 27—J. P. Ray, Lewis, Kan., and C. W. Scott, Kinsley, Kan. Sale at Kinsley, Kan.
April 10—Shortgrass Breeders' Association, Morland, Kan.
April 16—Sumner County Breeders' Association, Wellington, Kan.
April 23—Butler County Breeders' Association, Eldorado, Kan.
May 15—Northeast Kansas Association, Hiawatha, Kan. D. L. Dawdy, Sale Mgr., Arrington, Kan.
- Holstein Cattle**
March 7—Northwest Kansas Breeders, Cawker City. O. L. McCoy, Sale Manager.
Apr. 24—101 Ranch, Marland, Okla. W. H. Mott, Herlington, Kan. Sale Mgr.
Feb. 18—J. E. Britt, Junction City, Kan. W. H. Mott, Sale Mgr.
March 31—State Association Sale, Topeka, Kan. W. H. Mott, Sale Mgr.
- Jersey Cattle**
April 22—H. Wilkinson, Dodge City, Kan.
- Hereford Cattle**
Feb. 20—Mansfield & Jennings, Ottawa, Kan.
Feb. 27—D. L. Wescott, Bala, Kan.
March 27—Saline Valley Breeders, Lincoln, Kan.
- Red Polled Cattle**
Feb. 29—Ira R. Long, Quinter, Kan.
- Chester White Hogs**
Feb. 25—Earl Lugenbeel, Padonia, Kan., at Hiawatha, Kan.
Feb. 29—Ira R. Long, Quinter, Kan.
- Poland China Hogs**
Feb. 18—Breeders' Sale, Concordia, Kan. E. A. Cory, Sale Manager.
Feb. 19—S. J. Tucker, Wichita, Kan.
Feb. 19—J. C. Dawe, Troy, Kan. Sale at Bendena, Kan.
Feb. 26—Geo. Wharton, Agenda, Kan.
Feb. 27—C. S. Walker and D. E. Johnson, Macksville, Kan.
Feb. 28—B. C. Swonger & Son, Pratt, Kan.
March 11—J. T. Morton, Stockton, Kan.
March 27—Saline Valley Breeders, Lincoln, Kan.
- Spotted Poland China Hogs**
Feb. 18—Breeders' Sale, Concordia, Kan. E. A. Cory, Sale Mgr.
Feb. 19—R. R. Frager, Washington, Kan.
Feb. 21—R. J. Bazant, Narka, Kan.
Feb. 22—A. C. Steinhilber & Son, Netawaka, Kan.
Feb. 26—S. R. Tucker, Codell, Kan.
Feb. 27—Dr. J. A. Beveridge, Marysville, Kan.
Feb. 28—Community Breeders Sale, Chapman, Kan.
March 12—Arthur Money, Dunbar, Neb.
March 18—A. C. Flammang, Orleans, Neb.
- Duroc Jersey Hogs**
Feb. 18—Breeders' Sale, Concordia, Kan. E. A. Cory, Sale Manager.
Feb. 18—Chas. P. Johnson, Macksville, Kan.
Feb. 19—S. and R. G. Cooley, Plymouth, Kan.
Feb. 20—Mansfield & Jennings, Ottawa, Kan.
Feb. 21—Earl Babcock, Fairbury, Neb.
Feb. 21—E. G. Hoover, Wichita, Kan.
Feb. 22—Archie Clark, Howard, Kan.
Feb. 23—G. W. Bickelstaff, Oberlin, Kan.
Feb. 26—J. E. Weller, Holton, Kan.
Feb. 29—Zink Stock Farms, Turon, Kan.
March 5—J. J. Smith, Lawrence, Kan.
March 5—E. O. Hull, Reece, Kan.
March 8—Ford County Breeders' Association, H. C. Baird, county agent, Dodge City, Manager.
March 11—H. Marshall, Winfield, Kan.
March 14—G. M. Shepherd, Lyons, Kan.
March 14—J. C. Long & Son, Ellsworth, Kan. Sale at Lyons, Kan.
March 26—Saline Valley Breeders, Lincoln, Kan.
Feb. 25—H. W. Flock, Stanley, Kan.
- Hampshire Hogs**
Feb. 19—Wickfield Farms, Cantril, Ia.
March 8—F. B. Wempe, Frankfort, Kan.
March 12—Wickfield Farms, Cantril, Ia. Sale at Sioux City, Ia.

Northern Kansas Duroc Herds

Okawanna Stock Farm

Offers sows and gilts bred to Uneeda Path by Uneeda Orion Sensation, Giant Sensation, Wonder I Am and My Leading Sensation. Every day is sale day except Sunday.
E. M. HALLOCK, ADA, KAN.

Bred Sows and Gilts

Pathfinder and Sensation breeding, bred to Ideal Sensation for March and April farrow. Also big growthy fall pigs. All immunized and guaranteed. Priced to sell. Write today to
BOHLEN BROS., DOWNS, KAN.

Brood Sows

and gilts bred to good boars. Registered, immunized, guaranteed safe in pig. Shipped on approval and a year to pay. Write for prices. STANTS BROTHERS, Abilene, Kan.

VALLEY SPRINGS DUROCS

Our herd boars are by Stilts, Scissors Pathfinder Paramount and Great Orion Sensation. Sows and gilts bred for spring farrow. Boars, all ages. Pairs not related, immune, registered, guaranteed breeders, farmers' prices, year's time, satisfaction or no sale.
E. J. BLISS, BLOOMINGTON, KAN.

WALNUT HILL STOCK FARM DUROC JERSEYS

Yearling boars, spring boars and spring gilts for sale. Real hogs at fair prices.
D. C. ASHER, LAWRENCE, KANSAS

By Scofield's Model Orion

Two yearling boars, one out of a Pathfinder Chief 2nd dam, one out of a Pathfinder Jr. dam. Both these good yearling boars sold on approval. Some dandy weanlings about January 1. Write
J. L. SCOFIELD, OSAGE CITY, KAN.

Yes, Commander Giant

Bred Sow Sale February 23, at farm adjoining town. 5 tried sows, 18 spring gilts, 10 January and February gilts. All either by Commander Giant or bred to him. Write now for sale catalog.
J. J. SMITH, LAWRENCE, KAN.

Half Cash, Half Time

Bred sows and gilts. Farmers' prices. I also have a few choice young boars. Everything immunized.
RAY V. HOPKINS, AGRA, KAN.

Duroc Valley Farm Offers

Gilts bred to Progressor, one of the best sons of Constructor, the 1922 World's champion. Progressor won third at Topeka last fall. Yes, we have a few good gilts at bargain prices.
F. R. JANNE, LURAY, KAN.

SOWS AND GILTS by Pathfinder Jr. by Pathfinder in service to Majestic Orion Sensation by Majestic Sensation. Priced to sell.
W. H. FULKS, LANGDON, KAN.

Landmarks of the Breed—XXIII

Joe Orion II 35527

Joe Orion II 35527 was farrowed on the Ira Jackson farm March 13, 1910 and developed by that great Duroc breeder until he was a junior yearling and stood fourth at the Ohio fair under the placing of S. E. Morton who passed out the ribbons in 1911. This boar was included in the Jackson herd of boar and four sows, that was sold to Chas. F. Sprague in the fall of 1911. Joe Orion II did service in the Sprague herd until the spring of 1918, when Enoch Bros. of Mississippi bought him for \$5,000 and used him until he died at the ripe age of 11 years.

Joe Orion II was a grandson of the World's Fair winner in 1904, Orion Chief, and his dam was litter mate to Cherry King, that produced Orion Cherry King. Joe Orion's fame was based on his ability to sire good producing brood sows and while they were not as large as they should have been and while they wouldn't rate very high at the present time in matter of weight and measurement, they were extremely useful sows that produced rugged pigs. His get were very popular over a period of several years. One of his daughters, Joe's Nellie, was the dam of Scissors, the World's grand champion of 1916, and she produced other good boars and some wonderful sows.

Joe Orion II was shown but once after his exhibit as a yearling and that was in 1913 at the International Livestock Show. Here he was made grand champion of the show.

Few boars have retained their virility and remained in service, giving excellent results from that service, to the age to which this boar attained. It is proof that he had a most wonderful constitution and thru that had the ability to sire hogs with lots of ruggedness and stamina. His get, crossed with certain lines of breeding, showed rougher coats than hogs men like to see, but with other crosses the coats of his daughters were as smooth as any the breed has produced.—Robt. J. Evans.

35 Bred Sows

Fall yearlings and gilts sired by Orion Select (the 1900-lb. 2-year-old) at auction February 6, 1924, Smith Center, Kan. Bred to a son of Stilts and an extra good line bred Pathfinder boar.
VERN V. ALBRECHT, Smith Center, Kan.

R. & S. Farm Durocs

I invite you to visit the R. & S. Farm any time. We have 200 spring pigs and we will be pleased to show you our herd.

A Pioneer Duroc Herd

MELVIN RINEHART, Smith Center, Kan.

Bred and Open Gilts

and a few good spring boars for sale at very attractive prices. Write for descriptions and prices. Best of top blood lines.
J. C. MARTIN, JEWELL, KAN.

DUROIS' DISTINCTIVE DEPENDABLE DUROCS

Both distinctive and dependable because we use the utmost care and selection in our breeding operations and because we believe in and apply the Golden Rule to our business. We guarantee to please you.
JAS. T. DUBOIS, AGRA, KAN.

Extra Choice Spring Gilts

Bred to a son of Constructor and my grand champion boar. \$50 each. Also a few choice open gilts, June farrow. Out of splendid sows and boars, \$35 each. Immunized.
W. L. FOGO, BURR OAK, KAN.

The Best in Breeding

We are consigning 12 gilts, mostly by Cherry Pathfinder, one of the best sons of Pathfinder Paramount, bred to an outstanding son of Lucky Strike. The Consignment Sale, Concordia, next Monday, Feb. 18.
SHERWOOD BROS., CONCORDIA, KAN.

60 Bred Sows

We offer at private sale 60 splendidly bred sows and gilts well grown and extra good. Bred to King Tut, Junior Champion Topeka, 1923. Priced less public sale expenses.
F. C. WOODBURY & SON, Sabetha, Kan.

Supreme Orion Sensation

Gilts bred to Supreme Originator and Originator's Climax. Here is a mating that is hard to beat. Only a few for sale. Also a few spring boars by Supreme Orion Sensation, prices.
MIKE STENSAAS & SONS, Concordia, Kan.

Meadow Hill Durocs

Sows and gilts bred to "Improver," a line bred Sensation boar. A few choice pairs and trios unrelated and they will move quickly and be money makers for their purchasers. Write us your wants.
OPIE O. MOWREY, LURAY, KAN.

50 Duroc Sows 5 Boars

Holton, Kansas
February 26, 1924

Sale at Brown's feed barn, 1 p. m., rain or shine. Offering will consist of tried sows, fall yearlings and spring gilts, sired by Kansas Sensation, Sensation King, Sensation Top and other boars and bred to four boars of fashionable blood lines. 5 young boars will also be sold ready for light service.

J. E. Weller, Owner

Col. H. Grable, Auctioneer.
Geo. S. Linscott, Clerk.

The Kansas Duroc Junior Champion Gilt

Included In The Clark Dispersion

Howard, Kansas, Friday, February 22

2 Miles North of Howard

11 tried sows, 6 spring gilts, 1 spring boar, 20 fall gilts, 11 fall boars. Most of offering by Majestic Sensation and Model Commander and in service to Master Orion by Pathmaster. Offering includes my great show litter of April gilts and boars by Majestic Sensation. One of these gilts won junior championship at 1923 Kan. fair. This litter won 15 premiums, mostly 1sts and 2nds. Dispersion due to doctor's orders to move to milder climate and quit farming for a while.

This offering is good, the April farrow show litter is especially good, and the champion gilt is developing into a wonderfully choice sow.—J. T. Hunter.
A farm sale of other livestock and farm machinery precedes sale of Durocs. Please mention Mail & Breeze. Send mail bids to J. T. Hunter. Write for catalog.

Archie M. Clark, Howard, Kansas

Boyd Newcom and Frank Asher, Auctioneers. J. T. Hunter, Fieldman.

Orchard Scissors-Goldmaster Again to Front

Hoover Bred Sow Sale At The Farm West of Wichita,

Wichita, Kan., Thursday, Feb. 21

20 tried sows and 20 fall yearlings by Orchard Scissors, Super Sensation, A High Sensation, Lindamon's Pilot, etc. Note that these females were full grown before bred. Sale includes some of the best Hoover sows, including Maplewood Pathmistress 3rd. Offering bred to Orchard Scissors, grand champion at 1923 State fair and 1924 Kansas National, Goldmaster, the \$1,000 sire, and his son, Red Goldmaster, 1st in junior pig class, 1924 Kansas National.

Mr. Hoover presents Durocs in this offering that have good breeding and individuality as well as good reputation. It's good seed stock for anyone to buy.—J. T. Hunter.

Please mention Mail & Breeze and send your mail bids to J. T. Hunter. For catalog write

E. G. Hoover, Wichita, Kansas

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

Commander Giant

36 sows and gilts, all either bred to or sired by Commander Giant. Sale in sale pavilion at the farm joining town.

Lawrence, Kan., Friday, Feb. 29

5 tried sows, 18 spring gilts and 10 January and February gilts. A superb offering of choice bred sows and gilts. Write today for sale catalog. Address,

J. J. Smith, Owner, Lawrence, Kan.
Homer Rule, Asst., J. W. Johnson, Fieldman Mail and Breeze.

DUROC BRED GILTS by Originator and Sensational Pilot. Bred for March farrow. Fall pigs, either sex. Fred C. Stensen, Holyrood, Kansas.

The New Improved *Walsh* No-Buckle Harness



\$5
After

**a month's FREE TRIAL
SEND NO MONEY**

Post Yourself on this new way of making harness which has three times the strength of buckle harness. Let me send you a set of Walsh No-Buckle Harness on thirty days' free trial, just as thousands in every state in the Union have done. Let me show you how harness can be made three times stronger without buckles—how much better looking and how much handier in every way. Try a Walsh on your team 30 days. Send no money. If it's not all I claim, return it at my expense. No obligation on your part. Write for free book today.

Costs Less — Lasts Longer
This wide-open, liberal offer shows that the Walsh must be an exceptionally good harness. If I did not know positively that Walsh Harness is better in every way than buckle harness, I could not make such an offer. In addition to having harness in the hands of thousands of users the country over for years past, I have tested and proven in various ways that my harness is better and stronger, hence cheaper by far than any other harness. I prove conclusively in my new harness book, which I am waiting to send you, that Walsh No-Buckle Harness will positively last twice as long as buckle harness.

Greatest Advance In Harness Making

Not only is the Walsh No-Buckle Harness stronger, but it is easier to put on and take off. It is also better-looking, handier and eliminates frequent repairs. Has better fitting hames, adjustable strap holder—the harder the pull, the tighter it holds—renewable spring snaps and many other advantages explained in my free book. The Walsh is easily adjusted to fit any horse perfectly. And remember that Walsh Harness actually costs less than buckle harness because it does away with repair expense — lasts longer.

See How Buckles Weaken and Tear Straps

The WALSH Has No Buckles—No Rings



52 Pages of Interesting Harness Facts FREE

My free book tells the interesting story of how a broken, buried strap helped me to discover and invent this new and better way of building harness. Send for your copy today.



Send No Money — Mail Coupon or Postal For FREE BOOK

James M. Walsh, Pres., WALSH HARNESS CO., 335 Keefe Ave., Milwaukee, Wis.
Send me free of charge Walsh Harness Book, free trial offer and liberal long time terms on Walsh Harness.

Name
P.O.
R.F.D. State

The World's Strongest Harness

Three times stronger than buckle harness. Buckles weaken and tear straps. As an example, a Walsh $1\frac{1}{2}$ -inch breeching strap holds over 1100 lbs. The same strap with the buckle will break at the buckle at about 360 lbs. pull. Ordinary harness has 68 buckles. Walsh Harness has no buckles—easy to see why Walsh is three times stronger than ordinary harness.

Friction Another Destroyer of Harness

Rings are another thing that makes harness wear out before it should. Examine your old harness and you'll find where rings have worn the straps at the ends. There are 270 places on an ordinary

buckle harness where ring friction wears the straps in two. Walsh Harness has no rings to wear the straps in two. Many other advantages are explained in the big, free book. Write for it today.

What Users Say

Government Experiment Stations and Agricultural Colleges are among the thousands of users in every state who praise the Walsh Harness. Walsh Harness took First Prize at Wis. State Fair, 1921-1922.

Mr. G. G. Anderson, Aiken, Minn., bought his first Walsh Harness five years ago and bought three more sets since for his other teams. He says: "Walsh has buckle harness beat a mile."

Mr. E. E. Ward, Seneca Falls, Wis., says: "Have used Harness over 40 years. The Walsh is the best yet."

Mr. J. W. Rogers, R. No. 4, Baldwinsville, N.Y., says: "Have used it skidding logs and that is giving it a hard test. I think enough of it that I will order another set in Spring."

Mr. D. Cribbin, Athens, Maine, says: "Your harness has given me good satisfaction. It is easy to handle and has stood a good hard test with me. There is not a wearing spot noticeable yet."

Mr. Geo. Wayman, May, Idaho, says: "It is just about two years since I bought my Walsh Harness. I am the proudest man in the Rocky Mountains. You will get my order for another set soon."

\$5.00 After 30 Days' Free Trial

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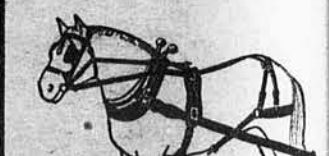
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