

KANSAS SECTION THE CAPPER FARM PRESS



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Number 5

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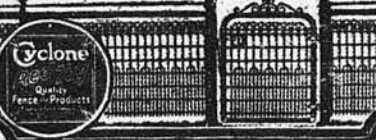
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Letters Fresh From the Field

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

The Farmers' Friend

Some of our Western Representatives in Congress, I have been told, have suggested a revival of the Federal Grain Corporation and the setting of a minimum price on wheat and we believe it is the only way and the quickest way to help out the farmers in general. Corn will run in sympathy with wheat as was proved during the World War and for nearly two years after it closed. The bankers throught this section of the country will tell you that a great deal more benefit would be derived by the Government saying to the millers and speculators—you shall not purchase this wheat below a certain price. Even a minimum of \$1.25 a bushel would be a great help and would not add extra cost to the loaf of bread.

All of us know that the world consumes practically all of the wheat raised every year and to permit the producers of our "staff of life"—wheat bread—to be made paupers is hard to imagine, but such is being done and I will say that every tenant farmer is bankrupt or worse, for if collections of his indebtedness were forced, he could not pay 50 cents on the dollar. Most of the land owners are practically bankrupt or heavily indebted.

The farmers are in a worse condition today than I have ever known and I have been a farmer practically all of my life. I know that Senator Capper is the leader fighting for the interest of the tillers of the soil and I feel that you wish to hear from the common people—the farmers.

Cherokee, Okla. B. F. Blue.

Big Money in Small Fruits

Altho many farmers have been complaining about hard times we have not found it difficult to make money and a good living on Pleasant Valley Farm. I came to Kansas two years ago from Missouri where I had been engaged in fruit growing.

In Kansas I have been raising hogs and also have given considerable attention to fruit growing altho I had not planned to do so when I came to this state.

When I learned that so little small fruit is grown in Kansas I decided to get into the game again. I have had good success with strawberries, blackberries, and raspberries and the prices have been good. I sold all my berries last spring for \$4 a crate for pint boxes, and did not have enough for my demands. I sold blackberries for \$1 a gallon, grapes 8 to 10 cents a pound, tomatoes, 4 cents a pound and did not have enough to fill all orders.

Still you hear people complaining of hard times. We don't know what that means on Pleasant Valley Farm, as we grow products that return from \$300 to \$450 an acre. We plan to set out this coming spring, 3,000 blackberry and raspberry plants and another acre of strawberries. I have planted the remainder of Pleasant Valley Farm in hay and pasture crops for the hogs and we make more money from our berries than any farmer in Kansas gets from his 100 acres of wheat or corn.

De Soto, Kan. A. J. Williams.

Loans That Benefit Nobody

In a recent issue of this paper you ask why better use is not made of War Finance Corporation money. Several reasons underlie this query as is generally the case in so-called farm benefits.

In order to get this money it must be obtained thru the local banker who in turn must guarantee to the issuing bank by indorsement or underwriting the security; thus the local banker is made responsible for the return of the full amount of the loan while some may be used otherwise than to pay the farmer's obligations to that banker.

Then too, the banker is fully aware that at present low levels of agricultural products with little or no profit to the grower, when pay-day comes,

which must be within 30 months, that farmer is likely to be just that much deeper in debt as a result of getting that money; so, if possible, the banker and the farmer drift along as matters stand rather than to incur further obligations.

It would really be interesting to know just where and how that billion dollars of War Finance Corporation money is obtained and we might see other and better benefits than that supposed to be for the farmer.

Rossville, Kan. A. R.

Manure Spreaders Save Labor

Much time and labor is saved on the farm thru the use of the manure spreader. However, the saving in labor is really insignificant in comparison with the saving of fertilizer values when the manure can be loaded into the spreader from day to day and distributed before the material has a chance to deteriorate.

The spreader also insures an even distribution of the manure and this will enable us to get a uniform growth and stand of whatever kind of crop is planted on the ground. The manure supplies humus that will warm the soil and also cause it to take up more moisture. The spreader is a farm machine that enables the farmer to economize in labor, time, material and money besides helping to keep the soil at the top notch in productivity. Undoubtedly it is the best investment in machinery that can be made on any well conducted farm.

A. D. Akers, Lebanon, Ind.

War Finance Corporation Loans

In answer to your question, "Why a better use is not made of the War Finance Corporation money let me say that there is only one answer that can be made in this locality. The banks just will not try to get any of this money for farmers and stockmen.

I have tried the banks in both Kanorado and Burlington, Colo., and have had no success. Burlington bankers say they have had many applications which they have forwarded to the proper authorities, but all to no purpose. The Kanorado bankers frankly say they cannot handle that money for 2 per cent and that they would not care to bother with the loans unless they could get as much as 4 per cent for themselves. However, they offered to lend me some of their own money at 10 per cent and I accepted their offer as the easiest but costliest way out of my difficulties.

John H. Smith, Burlington, Colo.

Feed Grinders on the Farm

One way to beat the high cost of living is thru the use of a feed grinder which may be utilized not only for grinding feed for the poultry and livestock, but also for grinding grains for the use of the family.

When I use ground wheat to make whole wheat bread and put it on the table with other kinds of bread, the wheat bread will disappear first. It seems to have a richer flavor. My favorite use for it, however, is in cookies. I bake plain cream cookies, using for the flour, one-half ground wheat and one-half flour. These are varied, then, by the use of walnut meats, coconut or raisins. I keep some of them on hand all the time for my little 2 and 5 year old children. They eat one or two of them each day and I find that they are never constipated and they have never been healthier. They think they are a treat.

We also grind our cornmeal and I find that if I vary the use of it the same as of the wheat, I can use a large amount of it in our menu.

These little things may seem trivial in helping to meet the high cost of living, but one will be surprised how much they help in the long run. Your doctor will tell you, too, that we would all be healthier if we would use more of the coarser parts of the wheat grain instead of so much white bread.

Mrs. Lawrence Ricklefs.

Troy, Kan.

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KANSAS FARMER

KANSAS FARMER and MAIL & BREEZE

February 4, 1922

By Arthur Capper

Vol. 60 No. 5

School Busses Haul 4,400

Kansas Rural Boys and Girls are Getting Advantages of Better Education in Districts Where Consolidation has Eliminated Poor Schools

By Ray Yarnell

ABOUT 153 motor busses and more than 64 horse drawn vehicles are carrying rural children in Kansas to better education in superior schools.

Daily, according to reports to M. L. Smith, director of school consolidation at the Kansas State Normal at Emporia, upwards of 4,400 boys and girls ride to school in these busses from farms, and in the evening are taken again to their homes.

Consolidated schools are growing rapidly in the state—new ones are being formed and those already established are undergoing steady improvement. In all parts of Kansas the idea of consolidation is taking hold and evidence of its value is the fact that little effort is being made to return to the old system.

The Returns are Immediate

Where it has been given a trial consolidation has made good. Every day it is winning more converts, chiefly because its advantages are so outstanding and evident. It is impossible to compare the consolidated school, with its larger corps of teachers, its superior equipment, its larger student body and greater variety of personal contacts, with the restricted one-room school, of the average rural district.

There seems little question but that consolidation does increase the cost to rural patrons of the school, but the increase in no case is heavy and the returns from the extra expenditure are concrete and immediate. The last place affected by the knife that prunes down taxes should be the school system, because on it depends to a very large extent the future of the boys and girls of the state. There are many other places in state and local government where taxes may be cut with much greater savings than in the schools.

In Kansas today there are 80 or more consolidated schools and many of them are housed in new, well equipped buildings and many others are preparing to move into buildings now

under construction. Daily the busses hurrying along country roads, pick up children at their homes and carry them in a warm and comfortable way to the school houses.

A recent survey conducted by M. L. Smith, department of school consolidation, Kansas State Normal School, shows that in 32 consolidated schools investigated, there were 310 teachers and 2,174 rural pupils. These pupils were transported in 79 motor busses and 49 horse-drawn vehicles. The routes over which the children were transported averaged 11.3 miles. The average number of pupils transported to one school was 55. Thirty-one schools report average number of pupils transported as 70, the total being 2,200.

Taking these figures as representative it is conservatively estimated that to the 80 consolidated schools in Kansas, 4,400 pupils are hauled every day, either in motor or horse drawn busses.

This survey and others indicated that the average distance children are conveyed one way is 5 miles and the longest haul is 20 miles at Ingalls, in Gray county. The maximum time,

any child is en route one way is 1½ hours but it usually is planned so no child will be in the bus more than one hour.

Experience has revealed that the cost of transportation with a motor bus or truck is from a fourth to a half cent a mile a child and that the horse drawn vehicle is operated at about three times that cost. Owned and operated by the school the motor bus expense averages around \$42 a month.

Twenty to 35 children can be transported with comfort in a motor bus and it has an efficient range of 15 miles from the school. The horse drawn wagon, on the other hand, can accommodate only 12 to 15 children and its range is around 5 miles.

It has been noted that in consolidated districts where motor busses are in use, there has been a marked improvement in roads, which not only benefits the schools, reduces expense of repairs on the busses, but directly aids all other elements of the population which use the roads.

The motor bus has been a Godsend to many country children in more ways than one. Ignoring the advan-

tages of the better school to which the bus carries the children and the greater opportunity for social contact such a school affords, the matter of personal comfort is important. When country boys and girls went to the one-room school many of them had to walk or ride several miles thru the cold. The school house was none too comfortable or warm. The lunches the children took were cold when they ate them at noon. Then, at night, there was the long tramp home.

But with the busses it is different. The children are picked up at their homes and are kept warm on the ride to school. The trip home is the same. At most consolidated schools arrangements have been made so some warm food may be served at noon at a minimum of cost.

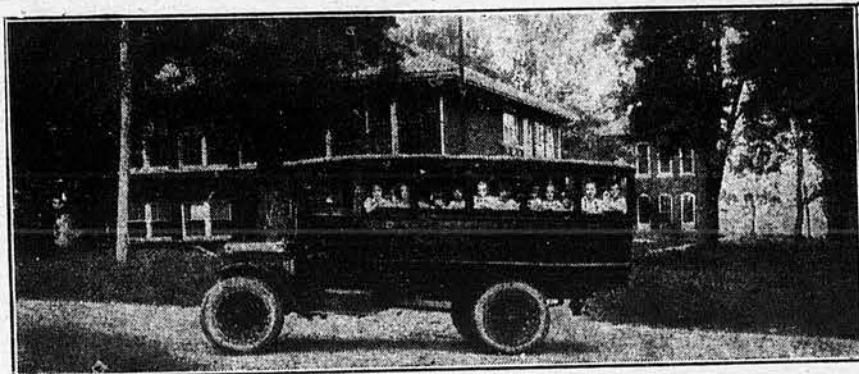
Protect Children From Exposure

Reports show that children riding in busses on the average have fewer colds than those attending the country schools. They avoid exposure and hence are healthier.

The report of the Plains Consolidated School for October, 1921, contains interesting data on the costs of education which every parent will be interested in. Here it is:

Motor trucks in use.....	6
Total miles traveled.....	5,166
Average miles to the gallon of gasoline.....	12.27
Average cost of gas, oil and grease a car.....	\$ 3.74
Average cost of repair parts a car.....	.31
Average cost of operating cost a car.....	\$25.00
Average labor cost a car.....	\$25.00
Total number of children hauled.....	2,534
Average number of children in one car a trip.....	21.5
Average cost a child a day.....	\$.0773
Average cost a car a mile.....	\$.0179

In Kansas, in the school year of 1919-20, there were 7,624 one-teacher schools in the state, with an average attendance of 18.3 pupils. Nearly 2,000 of these schools had an enrollment of 12 pupils, or in some instances not that many. These figures indicate an absence of efficiency, both in the matter of educating those who attend and in the cost of educating an individual in an ordinary school.



Motor Trucks Have Been Found to Be the Quickest and Most Economical Means of Transporting Children to and From Consolidated Schools in Kansas

When Bigsby Builds a Barn

PERHAPS, G. A. Bigsby of Douglas county is not so proud of it as he is of his \$12,000 modern farm home, but his barn, in its way, is just as complete, well arranged and convenient. Altho it was designed to be of maximum usefulness and to save labor, it makes an excellent appearance with its high loft and sloping roof to the north which covers the section housing cows and horses.

The barn was built for hay storage first of all. That is why the main section from the ground up is one gigantic loft with a capacity of more than 125 tons of baled hay. A driveway extends thru the middle of the building so wagons may be driven in and unloaded. A big fork is suspended from the roof and this is used to move the hay to any desired position.

To the north and separated from the loft by a heavy wall is the section of the barn housing the horses and cattle. Stall room is available for 12 cows and six horses. The cattle stalls are located at the west end because more light is available there. Mr. Bigsby plans to cut windows in the north wall and, perhaps, in the south wall, to admit additional light so he can more fully comply with dairy regulations regarding stables.

Directly above this section is a

large loft suitable for the storage of feed or hay. Mr. Bigsby has a large piano box which he will place at one end of this loft to hold ground feed for the cows. He plans to build a chute leading to the ground floor to make it easier to feed. A hole will be cut in the floor of the loft so hay can

be thrown down directly into the feed bunker.

The cattle barn is floored with concrete and has wooden stanchions. Mr. Bigsby has a small herd of grade Guernseys and sells cream.

The section housing horses is at the east end of the barn. It is cement

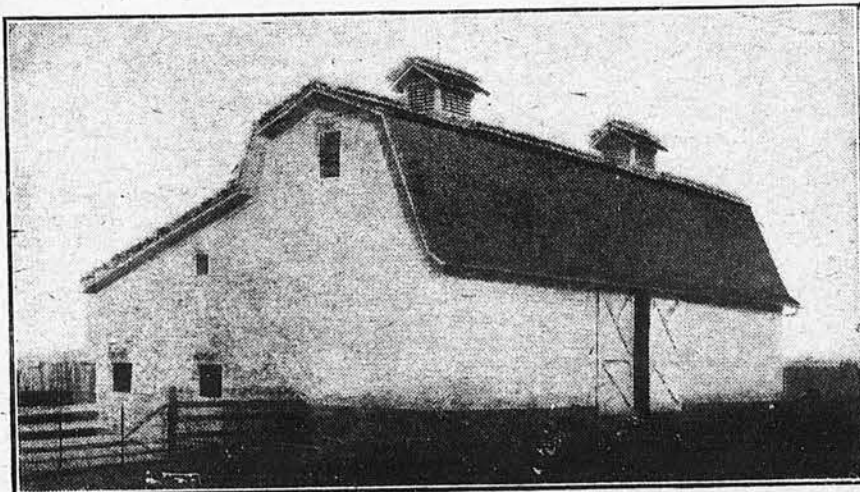
floored and has manure drains. In the loft above provision has been made to store oats and corn and chutes leading to the mangers make it easy to feed grain. Hay is also available in the loft and a hole will be cut in the floor thru which it can be pitched to the mangers.

This barn, which is 60 feet long and 44 feet wide, was built a year ago at a cost of \$2,000, which is not a large sum considering the high prices of material and the capacity of the barn.

Mr. Bigsby has 60 acres of wild hay land. The crop from this is baled and stored in the barn until sold. A large quantity of alfalfa also is kept in the loft.

The barn is so arranged that cattle and horses may be fed and cared for with the minimum of labor and when it is completed much of the work of moving feed will have been eliminated. Runways thru the barn are arranged conveniently so a person may reach any part of the building quickly. The barn is lighted with electricity and the switches are so placed that light can be thrown ahead of the person entering and switched off as he leaves.

The wagon runway in the middle of the loft extends thru the north side of the barn and opens into a field.



Guy A. Bigsby's Barn, With a Capacity of 125 Tons of Baled Hay. Has Stall Room That Will Accommodate 12 Cows and Six Horses

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Passing Comment—By T. A. McNeal

DURING the past several months there has been a great deal of unemployment. There have been many people right here in the beautiful city of Topeka who have actually suffered from cold and hunger and at that there has probably been as little suffering here as in any city of this size.

There has been a great deal of talk about hard times and yet not very long ago the people of this city in a single day paid \$5,000 to see the two performances given by Harry Lauder.

The only reason that the amount was limited to \$5,000 was because the capacity of the Grand theater did not permit any more to get seats.

I will not say that the people of this little city of Topeka spend \$5,000 a day for amusement and for things that are not necessary but if there was any way to get the facts I will venture that they not only spend that amount for amusements and unnecessaries, but more than that. In other words an aggregate of nearly a million and three quarters a year. In other words what we spend for amusements and unnecessary things would employ 1,439 men every working day in the year at a daily wage of \$4 a day.

That amount spent in tearing down the hovels in this city and replacing them with comfortable modern homes to be sold to the workers themselves on reasonable terms of payment and at a nominal rate of interest, would in a very few years make this the model city of America. There would be no pauperism unless it was voluntary and we would know how to deal with that kind. The man who has an opportunity to work at fair wages and refuses to do so, provided of course that he is physically able to work, is deserving of no charity. He should be put where he will be compelled to work.

Level Headedness

EVERY citizen of this republic ought to take a deep and abiding interest in his National, state and local Government. He has to pay the bills and it is not only his right but his duty to find out how his money is being spent.

I very often have heard men say that our troubles are due to a faulty system of government or a faulty system of finance. Now I will admit readily that there are a great many things in our governmental affairs that might be better than they are and there are improvements in my opinion that might be made in our financial system, but after all the fault lies primarily with the citizens. As a matter of fact whenever the majority of the citizens of this country really wish to change any of our laws they can do it. They can also change our financial system whenever they make up their minds to do so.

If we are spending too much on government and I think we are, the fault lies primarily with the citizenship for no legislative body will make extravagant expenditures if the members of that legislative body are convinced that most of their constituents are opposed to that expenditure.

The bulk of our expenditures are made by local taxing bodies. It is quite possible for the taxpayers in every locality to keep in touch with these local bodies and prevent extravagant expenditures. But as a matter of fact not 1 per cent of the taxpayers in any locality do ordinarily pay any attention to these expenditures until they are reminded of them by their tax receipt. Once in a while the people do get roused up and then they are just as likely to go to extremes and follow the lead of men who to say the least are not level headed.

What we need in a time like this is calmness and hard common sense. The average man desires to do the right thing. He desires good government and he desires his National, state and local government to be efficiently and economically administered. And yet here is the hard fact, that every taxing body is continuously hearing from those who are urging that more money be spent instead of less. Who are the people who are lobbying around Congress at Washington?

Not the people who are desiring appropriations reduced, but the people who are doing their best to induce Congress to make bigger appropriations. Every town that desires a new postoffice building sends a representative or two to Washington to lobby for an appropriation for that building. And are they modest about it? Do they say to Con-

gressmen: "We desire no bigger building than we actually need?" They do not. On the contrary they try to get just as big a building as possible because that will help the town.

There is the army lobby and the navy lobby and the lobby for the rivers and harbors and a dozen other lobbies, every one of them trying to get more money out of the United States Treasury. Did you ever hear of a lobby in Washington trying to persuade Congress to cut down appropriations generally? I never heard of such a lobby.

Any one who attends the sessions of a state legislature knows that if all the bills asking for appropriations of state money were passed the total appropriations would be far greater than any made by even the most extravagant legislature.

The ways and means committee of every legislature is besieged by people who are asking for increased appropriations; very seldom, indeed, does a disinterested taxpayer appear before that committee with no ax to grind. In fact it is the common thought of people who have nothing to ask for in the way of appropriations, that they have no business with the legislature, so they stay at home and leave the members of the legislature to fight it out with the people who are asking that the state spend more money.

Now when you come down to your board of county commissioners, who are the people who appear before them? Most of them are asking the commissioners to do things that cost money. Now it is not the aim of the average Congressman or the average member of the legislature or the average county commissioner to squander the money of the taxpayers. The Congressman votes for appropriations because he is made to believe that a majority of his constituents desire him to vote for appropriations that will benefit them and he also knows that he cannot get the appropriations his constituents desire unless he votes for appropriations that other Congressmen desire for their constituents.

Oh, for the gift of common sense and also for the gift of unselfishness. Most of us are willing to see public money expended freely so long as we think it is going to benefit us personally. If we are going to reduce taxes and do it fairly all of us must be willing to bear a part of the inconvenience incurred by the general reduction.

We must be willing to do without some of the things we would like to have. In short we must apply the Golden Rule to this business of reducing taxes. The things that are really worthy and necessary we must not neglect and in order to know what is really worthy and necessary we must find out the facts and then apply to those facts the rule of fairness and common sense.

What Farmers are Thinking

AT THIS time I am interested in knowing what the farmers who read the Kansas Farmer and Mail and Breeze are thinking. Now I cannot say that I get letters from a large number of these readers. I do not, because most of them do not write. I do however hear from a great many and am wondering whether they faintly represent the majority.

Here is an extract from a letter received from an intelligent farmer out in Northwest Kansas. He says: "There must be drastic liquidation of all taxes if we are to have any relief from this source from the present depression. There have been commissions authorized by law apparently either as an experiment or by reason of prejudice. The principal one of these is the court of industrial relations. This is a poor time to experiment at the expense of the taxpayers. The idea that three judges appointed by the governor will be impartial makes the industrial court law ridiculous. As a proof that the law is not impartial is the fact that the coal operators never have been hostile to it while labor is entirely opposed to it. Another thing that must be curbed is the building of hard surfaced roads.

"I will also cite what seems to be a gross injustice in our present motor car and truck license law. A farmer does not use his truck on an average of more than 60 days in a year while a man who is in the trucking business may use his truck 300 days in the year, yet the fee is the same in both cases. It is also hard to see the justice of using all the motor car and truck license money to

build hard surfaced roads when so small a per cent profit by them."

This farmer has called attention to a manifest injustice which of course applies as well to the automobiles as to the trucks. The owner of either a truck or an automobile should in equity pay in proportion to amount of use he gets out of the road. Perhaps this might be arrived at by requiring every automobile and truck owner to keep a speedometer on his machine or truck and then require him to report the number of miles traveled every month. If this were done the fee might be fixed on a mileage basis which would really be the fair basis.

Of course the writer is in error in assuming that all the license money is used in building hard surfaced roads. As a matter of fact comparatively little of it is used for that purpose taking the state as a whole.

Now here is a letter from another Western farmer, young, well educated and progressive; an ex-service man and breeder of Duroc hogs. Speaking of roads this young farmer says: "I believe that every bit of road work should be supervised by a competent engineer and should be done either by contract or by skilled men hired by the county. As I have seen it the township road boss is the biggest squanderer of money.

"State institutions should be operated along conservative business lines. There should be a budget system for the state.

"The farmers and co-operative concerns should be permitted to combine and handle their own capital thru their own banks.

"Next, I would like to see the industrial court law rigidly upheld."

In regard to the industrial court it will be observed that these two farmers do not agree. A little later I expect to take up and discuss frankly and freely the industrial court law.

From a letter received from a Wabaunsee county farmer living near Harveyville I quote the following:

"An emergency exists. Cannot the Government at Washington demand of the Interstate Commerce Commission that rates on farm products be reduced one-half for the present? This would permit farm products to move freely to the localities where they are needed. Reducing freight rates one-half would practically double the farmer's purchasing power. He would then go into the markets to buy and then smoke would ascend from the chimneys of factories and business generally would revive.

"Our trouble is not overproduction but faulty distribution. Present railroad rates are like a cancer eating into the business life of the Nation. Let the Government remove the cancer."

A Sumner county tenant farmer writes me as follows: "A few of the tenant farmers in this vicinity are speculating on the possibilities under the constitutional amendment relating to state aid in the purchase of farm homes; of some improvement of conditions, under which we could hope to contract for and eventually pay on our farm homes.

"There are probably thousands of tenants in the state who would like to see a definite plan of state aid which would clear away some of the obstacles in the way of the landlord and tenant getting together on some reasonable transfer contract.

"Would it be possible under this amendment for the state to issue tax exempt bonds to raise funds to finance this project?

"Is it not likely that the landlord would be glad to accept tax exempt bonds with interest as low as 3½ or 4 per cent?

"Would not obligations taken by the state from purchasing tenants be exempt from county and municipal taxes?

"In other words could we not beat double taxation by some plan under this amendment?"

The amendment to which this renter refers reads as follows: "To encourage the purchase, improvements and ownership of agricultural lands and the occupancy and cultivation thereof, provision may be made by law for the creation and maintenance of a fund, in such manner and amount as the legislature may determine, to be used in the purchase, improvement and sale of lands for agricultural purposes. The legislature

may provide reasonable preferences for those persons who served in the United States Army and Navy in the Great World War and holding honorable discharges therefrom."

It will be seen that under this amendment the legislature is authorized to do anything it pleases in the way of providing for the purchase and sale of agricultural lands except to issue bonds to pay for the same. Our constitution forbids the issuing of state bonds in excess of a million dollars unless the law creating such debt shall first be submitted to a vote of the people.

If therefore the state invests more than a million dollars in this kind of a project the money must be provided by direct appropriation, or the proposition must be submitted to popular vote.

Truthful James

IF YOU never had any experience with cottonwood lumber," said Truthful James, "you have missed something. Green cottonwood lumber can warp further and faster than any other lumber that was ever sawed. There used to be a lot of cottonwood timber on the Medicine River and an enterprising citizen brought in a sawmill and sawed up a lot of these trees into boards and frame timbers. This was about all the lumber the early settlers had to build their houses and barns and fences.

"Sim Wilkins, who lived up on the Medicine, said that he made a fence around his hog lot out of cottonwood boards. According to his report it was a good fence in some ways and in other ways it wasn't. The fence board would warp so that the hogs were all the time tempted to try to get out but when they would start to go thru a hole in the fence they would just wind round and round and finally come out on the same side of the fence they were when they started.

"The first night Sim slept in his house after it was built the boards on the floor began to warp and upset the bed, throwing Sim and his wife out on the floor. Still Sim said it wasn't so bad, as the boards they lit on immediately heaved up and threw them both back into bed again. A board that was left lying out in the sun warped round like a cork screw and a cottontail rabbit took it for a hollow log. Sim's dog saw the rabbit go in and followed it. He chased it round and round the spiral for several minutes, and might have caught it if the board hadn't taken another warp and got a clamp hold on his tail and held him till the rabbit slipped out at the other end.

"There was a carpenter building a house out of cottonwood lumber. He was about the slowest man who ever hammered a nail. While he was holding the board and figuring on where he would nail it on, it warped around him and squeezed him to death.

"The neighbors didn't bother to get a coffin; they just buried him in the board, with an inscription and flowers. Still it didn't work in an entirely satisfactory manner, for that board when it got into the damp ground began to unwrap and finally heaved the carpenter out of his grave."

Farmers' Service Corner

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

A and B are sisters. B's husband's brother's son is courting A's daughter. Is B's husband's brother's son any relation to A's daughter? If so what is the relationship? Could they marry in Kansas if they are relatives? B. P.

Unless B's husband's brother's son is also B's son there is no relationship. Of course if this son is the son of B and her husband he would be the first cousin of A's daughter and in that event they would be forbidden to marry under the laws of Kansas. But if he is merely a stepson of B there is no blood relationship and no legal bar to their marriage.

Have the county commissioners a right to bond a county for road purposes without a vote of the people of the county? E. S.

No, the county commissioners may levy assessments upon the lands within the benefit district for the purpose of building a road when a proper petition is presented but there is no provision in the law which will permit them to bond the county for this purpose.

How much are doctors permitted to charge a mile under the Kansas law and are they permitted to charge for a visit outside of this? If so, how much? Are they permitted to get all the medicine at a drug store and have it charged to the patient or are they supposed to provide their own medicine? A. R.

The Kansas law does not fix a scale of charges for physicians. There is no law that would prevent a physician from writing prescriptions to be filled at a drug store, payment for the same to be made by the patient.

A bought a farm from B in July, 1921. He was to get possession in April, 1922. Does A have to pay the taxes December, 1921, also the interest which will fall due in February, 1922? B received cash rent for the place until April, 1922. Nothing was said about taxes and interest when A bought the farm. E. L. I.

Where an outright purchase of land is made prior to November 1 the purchaser of the land is supposed to pay the taxes for that year. But in

this case it would seem from your statement of facts that this was not an outright purchase but rather a contract to purchase at a certain future time. If the contract is to be interpreted in that way then I am of the opinion that B would be held liable for the taxes for 1921. A does not get possession until next April. B retains possession of the land also the income from the same until that time. I think, therefore, that this transaction has not been completed and the transfer fully made until A obtains possession of the land and that, therefore, B should be held liable for the taxes for 1921.

What disposition is made of the dog tax? What school fund does it go into, state or county, high school, or back to the district school where the dog was owned and where the tax originated? A. P. S.

All dog taxes are collected in the same manner and at the same time as other personal taxes and turned into the general school fund of the county to be distributed back to the school district from which it was obtained.

A rents a farm from B. The water gives out. A has asked for a well several times but B keeps putting off digging the well. How can A make B provide water? A pays cash rent. He drives his stock to water and cannot get anything done. M. B. S.

If you can prove you have such a contract as this I would advise you to dig this well and charge the expense up to B.

I took out a fire insurance policy in June, 1919, giving a note for \$65 due September 1, 1919, but when the note was due I was unable to pay so wrote the company I could not pay it. I then received a letter from them saying if it was not paid within 10 days the insurance would be cancelled and now have received a summons saying I have been sued for the full amount of the note, \$65, and \$10 interest. Will I have to pay this after not having received any protection from the insurance for over two years? I offered to settle for what time the policy was in effect with interest until the present time. R. S.

If this note had been sold to a third party before due there would have been no question that you would have been liable for its payment notwithstanding the fact that you did not receive the benefit of the protection from your insurance policy. But as I understand it, this is not the case; that the note was not disposed of before due and consequently you have the right to a defense for any lack of fulfillment of contract on the part of the insurance company.

In consideration of this note the company agreed to protect your property from loss from fire for a certain length of time. If they collect the note then they will be held liable for the insurance for the entire period for which the policy ran. In other words, they cannot compel you to pay your note and at the same time escape liability on the policy for two years. If they have sued you they can only obtain judgment for the proportion of the premium which would cover the time the insurance was actually in force.

Please print the bankrupt law and an explanation of the same, especially so far as it concerns mortgaged property or land which you may own. S. K. F.

Space does not permit the publication in full of the bankrupt law but the following is a brief explanation of it: There are two kinds of bankruptcy, voluntary and involuntary. Voluntary bankruptcy is where the individual makes an application to be declared a bankrupt. Involuntary bankruptcy is where an application is made by another that an individual, firm or corporation be declared bankrupt. In the case of voluntary bankruptcy the person so desiring to take advantage of the bankruptcy law must file his petition in bankruptcy together with a schedule of his assets and liabilities. He must set out in detail the amount of his assets then he must set out in detail the number and character of his liabilities. He must give the names of his creditors and the amount owing to each and the nature of the indebtedness.

He must also make a claim for his exemptions. The exemptions he is allowed are the exemptions provided for in the state law. In case his property is mortgaged the bankruptcy law does not in any way affect this lien. For example, if there was a mortgage on his real estate the mortgage continues to hold just the same as if he had not taken advantage of the bankruptcy law. In the state of Kansas his exemptions would be his homestead of not to exceed 160 acres or a house and lot in town, the lot to be not exceeding one acre. Homesteads vary greatly in different states and that is true also of exemption laws generally.

Speaking further of Kansas in the way of personal property, the debtor, if he is a farmer, is allowed the exemption of a team of horses and wagon, two cows, 20 sheep with the wool therefrom either in the raw state or manufactured, 10 hogs and sufficient feed to feed these animals for one year if he has it on hand, his household goods and furniture in value up to \$500, his farm implements in value up to \$300. If he is a mechanic he is entitled to his working tools. For example, a blacksmith would be entitled to his shop equipment. If he is in the mercantile business he is entitled to stock and trade for the purpose of carrying on his trade or business to the extent of not exceeding \$400 in value.

After deducting his exemptions the court will order his assets to be distributed among his creditors in proportion to the amount of their claims and after this distribution is made he is adjudged a bankrupt and is relieved from further liability so far as his past debts are concerned.

Lower Rail Rates The Urgent Issue

Senator Capper in a Senate Speech on January 20 Demands an Early and Sweeping Reduction

RECENTLY in a speech delivered before the U. S. Senate at Washington, D. C., Senator Capper gave reasons why an immediate general cut in freight rates was the most important single issue before the country at this time considered from the viewpoint of urgent necessity. His remarks follow:

Mr. President, I believe that an early and sweeping reduction in freight rates, not alone on farm products but on lumber and other building materials, coal, and a great number of manufactured products, is imperative if we are to have a revival of business activity in this country. Unquestionably greater economic benefit to the country just at this time lies in lower freight charges rather than lower passenger rates. The present exorbitant freight rates are a bar to the restoration of prosperity.

Let me repeat, Mr. President, that the country's most urgent domestic issue at this moment is relief from high rail rates on lumber, building material, coal, grain, livestock, and many other commodities. Manufacturing, commercial, and agricultural organizations all over the country have forwarded to Congress within the last few weeks urgent appeals for relief. For a year or more high rail rates have stood most in the way of national recovery. Now they are more than blocking the way to recovery—they are destroying the very factors that create business and that produce national prosperity—and this situation is growing worse instead of better. Derangement of the fuel situation now constitutes a menace to the entire country. We are informed in the newspapers today by the National Coal Association that freight charges on coal have increased as much as 200 per cent since 1914, and that the present average cost of transporting a ton of coal from the mines to the consumer is \$2.74, while the price of the product itself at the mine is \$2.14. We also know the 1921 building season passed with no resumption of sorely needed home building, freight charges having absorbed price reductions.

Last summer and fall many farm, orchard, and garden products rotted or wasted where they grew, because it did not pay to ship them. This destruction and waste will be augmented enormously if in the coming season there is no mitigation of these adverse rail conditions. Between low prices—the lowest in 10 years, says the Department of Agriculture—high rail rates and little credit, the Nation's livestock industry already has received such a blow that it will take years to restore this wrecked provider of our meat. In all of the producing states it is common knowledge that the farmers lost money on every bushel of wheat they harvested last year, as well as on their hay and on nearly every other crop; and one of the chief reasons was that they were compelled to pay high shipping charges. That the burden of the conduct of the railroads should fall so heavily on the farmer is not just.

It is true that reductions have been made on wheat, corn, oats, and certain classes of livestock; but agricultural freights generally are still at least 50 per cent above the pre-war basis, whereas practically all farm products are selling below the pre-war basis.

I learn from the International Harvester Company that their freight bill on the material that goes into a binder amounts to \$35, for a power hay press \$95, for a threshing machine \$200, and before the finished article reaches the farmer's field the freight from factory to him must be added. The total would be unbelievable if we did not know the facts. When we consider that it takes about 6 tons of raw material to make 1 ton of finished steel, and about 3 tons of raw steel to make 1 ton of farm machinery, we can see that on the item of steel alone the freight charges must amount to a big item.

I could go on indefinitely and in detail presenting alarming instances in confirmation of the damage being wrought thruout the country, and its increasingly serious effect on all interests; but the facts are known to everyone. The simple explanation for the presence of this emergency is that the present high rates were fixed when wartime prices were at their peak, when nearly all prices and values were swollen. Commodity prices have long ago come down, and are steadily declining. We must admit that the railroads are not making their usual dividends; but can we say they ever will be able to better their condition by insisting on rates that in many instances virtually are prohibitive? And will the people much longer overlook the fact that at a time when every other business has had to reduce its charges these high rates, amounting to a tax upon the country of 1½ billions annually, were put into effect and have remained in effect for a year and a half, with reductions in comparatively few cases?

Mr. President, the railroads are entitled to a fair return on their investment. Doubtless further reductions in the cost of operation must be brought about if we are to have lower rates and at the same time fair returns to the carriers; but the high rail rates have got to come down. The country knows it and so do the railroads.

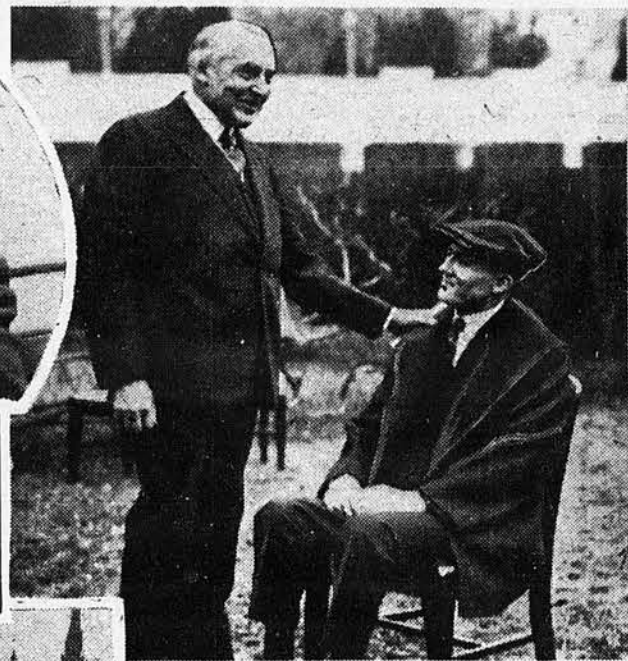
News of the World in Pictures



Bonnie McLeary at Work in Her New York Studio on the Young Amazon; This Figure Represents the Fighting Spirit of Woman Thru the Ages; Miss McLeary Has Been Asked to Make a Figure Symbolizing the Irish Free State; She is a Former Texas Girl



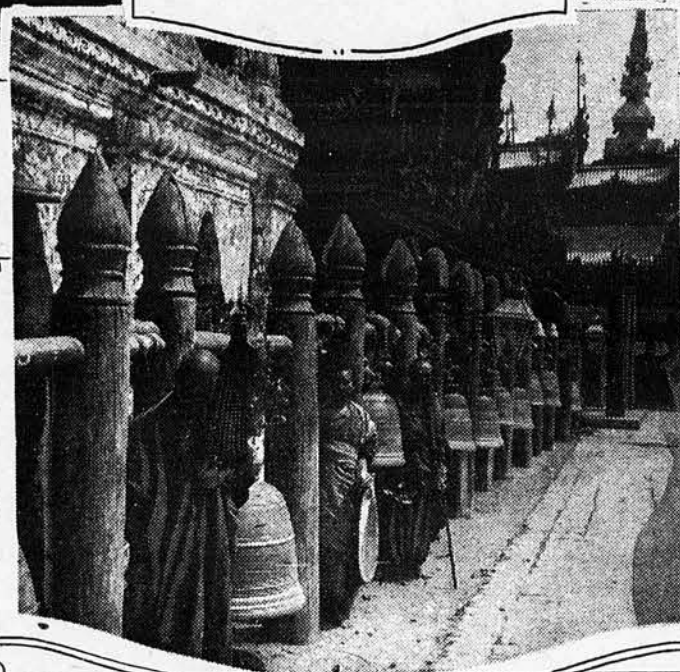
Little Woodrow Wilson Sayre in the Arms of His Father, Prof. Francis B. Sayre of the Harvard Law School; They are on the Steps of the Old State House in Boston; He Gave the Signal to Mark the Opening of the Woodrow Wilson Foundation Campaign.



The Thrill of a Lifetime; F. P. Sigmon of Company E, 148th Infantry, U. S. A., Gets a Pat on the Back From President Harding; Sigmon Earned That Pat as He Was Wounded in the Great World War; He is Still Badly Crippled in One Foot.



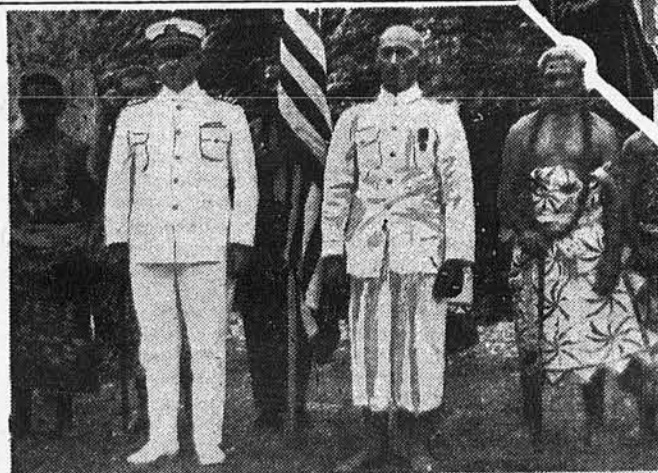
Mlle. Eleanor, a Noted English Wire and Rope Walker; She Plans to Walk on a Wire Across Niagara Falls; Eleanor Believes in Safety First and the Rope Adjusted as Here Shown Will Save Her Life in Case of a False Step; She is Practicing for the Event.



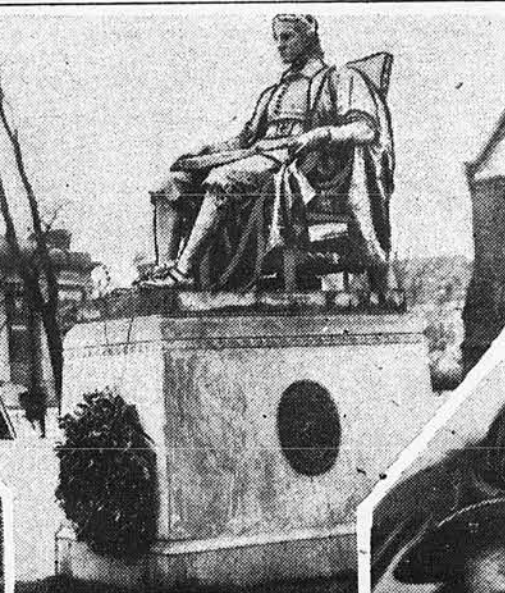
This Photo Shows the Bells of Buddhist Pagoda at Prome, Burma; It is the Custom There to Ring a Bell Outside the Shrine After Persons Have Finished Their Religious Worship; This Symbolizes Their Devotion and Makes It a Matter of Public Record; Here are Shown a Line of Bells With Three of the Worshippers Standing by Them



Latest Photo of the American Ambassador Richard Washburn Child at Rome; His Two Small Daughters, Constance and Anne, are With Him in the Gardens of the Villa Borghese at Rome; He is a Well Known Novelist, an Important Publicist, and a Good Diplomat.



Governor Evans of Samoa and His Excellency, the High Chief of Samoa; They are Standing Before the American Flag Upon the Occasion of the Governor's Annual Visit; Note the Chief's Retainers in Their Gorgeous Petticoats, Wreaths, and Their Personal Decorations.



Frederick R. Wedge, a Former Pugilist, Lumberjack, and One Time Hobo, Salutes the Statue of John Harvard at Cambridge, Mass.; He Plans to Become a Full Fledged Professor of Psychology; He is a Student of the Graduate School of Education in Harvard University; Mr. Wedge is a Graduate of the University of Arizona and Received From That Institution the Degree of A. B.



Mrs. Alexander P. Moore and Her Husband of Pittsburgh; She is Better Known to Most of Us as Lillian Russell; Mrs. Moore is Serving the United States as an Immigration Inspector; She is to Tour Europe and Make a Study of Emigration Causes.

Kanota Sets the Pace for Oats

Developed at the Kansas State Agricultural College This Fulghum Strain Takes the Lead in Yield and Matures Ahead of Most Other Varieties

By James H. Cloture

WITH yields running from 6 to 26 bushels or more an acre and a maturity 10 days in advance of many other varieties, Kanota oats developed at the Kansas State Agricultural College, promise to become standard among Kansas farmers.

Kanota is a Fulghum oat. In a series of tests at the experiment station and on farms and in production under ordinary farm conditions in commercial quantities, it has proved itself much superior to Texas Red and other varieties formerly grown in the state.

This variety is characterized by rapid early growth in the spring, early maturity, ability to resist or survive late spring frosts, comparative freedom from smut and high average yields. The variety matures 10 days earlier than some other varieties and usually it can be laid away before wheat harvest begins.

Well Adapted to Kansas

While Kanota is a Fulghum strain, it is superior, at least for Kansas conditions, to other strains of Fulghum oats. These oats were first grown at the Kansas Agricultural Experiment Station in 1916 when four lots of seed were obtained from Texas. In 1918 the strain was identified as Fulghum and seed was distributed among farmers for experimental purposes.

The Fulghum oats originated on the farm of J. A. Fulghum near Warrenton, Ga. The story is told in a recent circular of the United States Department of Agriculture by Mr. Fulghum as follows:

"About 20 years ago I was farming

on a small scale and bought a lot of Texas Rustproof oats to sow 10 or more acres of poor, sandy piney-woods soil. I do not now remember from whom these oats were bought. In walking thru the field one Sunday morning I noticed an oat plant about 200 yards away so much taller than the others that I went over to examine it. From a distance it looked like broom sedge, as it was 10 to 12 inches higher than the other oats and was fully ripe, while the others were just heading and still quite green. It was such an improvement over the rest of the field and looked so good that I picked the

heads and kept them until seeding time the next fall. The seed from the five heads was sown in a row 30 feet long along the side of a field of oats. From this row a peck of oats was produced. The plants in this 30-foot row made an abundant crop and did not suffer for rain, while the yield of the remainder of the field was so small from lack of moisture at heading time that only a part of it was harvested. The peck of oats was sown in the garden and produced 10 bushels. The plants from these 10 bushels withstood the winter frost and the dry weather of spring. The fourth year 46 bushels

were produced, of which 23 bushels were sold.

"This variety of oats matures earlier than the Burt and is heavier than either the Rustproof or the Burt or any other that I know. I never have tried to improve it further. I know that I kept it pure as long as I had it."

For Kansas conditions Kanota appears to be a superior strain of Fulghum. In tests covering four years at the Kansas Experiment Station, Kanota had an average yield of 47.1 bushels an acre while Fulghum averaged only 39.2. Other varieties yielded as follows: Texas Red, 33.4 and 36.2; Algerian Red, 30.2; Burt, 38.2; Kherson, 37.9.

In the same tests ordinary Fulghum headed and ripened 5 days later than Kanota, had a test weight of 2.2 pounds less and an average yield of 10.4 bushels an acre less, altho grown under the same conditions. In a four year period average yields show: Kanota, 70.14 bushels an acre; Fulghum, 59.74; Texas Red, 57.76; Burt, 64.84; Kherson, 56.08.

Average Yields are High

The average yield of Kanota for the four years it has been grown in plots is 47.1 bushels an acre, which is an average of 10.9 bushels more than Texas Red, previously considered the best variety for Kansas.

Farmers first tested this variety of oats in 1919, when it was included in tests in six counties. Its average yield in excess of other varieties is reported as 15.3 bushels an acre. It was tested in 24 counties in 1920 and its average yield was 45 bushels an acre as compared with (Continued on Page 17)



First Carload of Kanota Oats Shipped From Franklin County by E. E. Skull, Pioneer Grower. Seventy Bushels for \$70 to G. I. Work, Humboldt, Kan.

How Reynolds Gets Ahead

JUST 100 acres and one man. That's a combination not difficult to effect. It probably should be more common than it is in American agriculture, not only because it is most sensible under ordinary circumstances but greater profits can be taken out of it by the average farmer.

This is the story of 100 acres and one man and the methods he has employed to make a good living out of it and lay up a little reserve as the years go by. P. C. Reynolds has not developed a gold mine on his farm near Lawrence. Neither has he found the easy road to success and wealth. But he has discovered that by hard work, diversified effort, and the application of common sense in his operations, he is able to make a living for his family and slowly get ahead, except in years like 1921.

Fall Lambs Bring Best Prices

The first thing one notices on the Reynolds farm is a flock of 25 ewes and nine lambs busily engaged in foraging. Reynolds says they are worth \$50 a year to him in keeping down weeds in the fields and in fence corners.

The ewes are Western range stuff crossed with a purebred Shropshire, nothing fancy but they are good foragers and pick their living from the farm. They are not grained except for a short time before lambing. The lambs are produced in the fall because Mr. Reynolds, in three years' experience with sheep, has found that he can get the best prices for fall lambs. The first year he had 18 ewes. He sold \$160 worth of lambs, butchered three for home use and sold the wool for \$24. Last year he sold the lamb crop from 25 ewes for \$126 and butchered two. Reynolds says the sheep forage for the greater part of their keep and live off of material that otherwise would be wasted, so there is considerable profit in the income derived from them.

Nothing is done on a large scale on this farm but few avenues of profit are neglected. Four grade Holsteins, all good cows, bring in an average of \$50 a month during the fall, winter and spring, fitting admirably into the harvest schedule which requires all

of Mr. Reynolds' time during the three summer months.

These cows not only supply the extra work needed to round out a full winter schedule but also serve as fertility factors. Every bit of manure is carefully saved and used to build up the soil from which every season crops extract certain elements.

Five brood sows, three Durocs and two Spotted Polands, and eight pigs are filling a role of no mean importance in the 1922 program. They are affording Mr. Reynolds what probably will be a profitable market for his corn.

Consistently following his determination to neglect no avenue for legitimate profit this Douglas county farmer uses mares for his work stock and he raises mules. Last year he sold a span at weaning time for \$162.50. He sold one span of 2-year olds several months before for \$400.

One hundred purebred Barred Rock pullets are regular contributors to the family income, perhaps more consistent earners than any other livestock. Eggs have been bringing in a good return and the sale of fries in season totals a tidy sum.

The Reynolds farm is well equipped

for the sort of business conducted there. The barn, a well built structure, is 56 by 66 feet in size and the loft holds 45 tons of hay. The loft is equipped with a fork and dumping attachment which enables Mr. Reynolds to drop the hay at any part of the loft he wishes, thereby avoiding the necessity of hiring extra help.

Against the south side of the barn a large shed has been erected chiefly for the purpose of saving fertility. Into this shed all manure is thrown and it remains there until Mr. Reynolds has an opportunity to spread it on his fields. The shed protects it from the weather and prevents the valuable elements it contains from leaching away.

An implement shed houses the hay loader, a binder, a plow and other machinery. Mr. Reynolds keeps all his implements under cover thereby prolonging their life.

The granary holds 1,000 bushels of wheat and the same amount of corn. At the west end a cement feeding floor for hogs, about 15 by 30 feet in size, has been built. A cement watering trough is nearby.

Wheat, oats, Red clover, alfalfa and some corn are produced on this farm,

the crops fitting in with the needs of the livestock as to feed. Wheat is produced as a cash crop and a systematic rotation is followed to keep the ground in good condition.

Wheat ground usually is sown to clover and then back to wheat. Often oats are planted on wheat ground. Clover usually is planted with wheat in February. It is broadcasted, a bushel to 8 acres, and is harrowed if possible. The clover ordinarily shows a good stand by the time the wheat is harvested and then makes a more rapid growth.

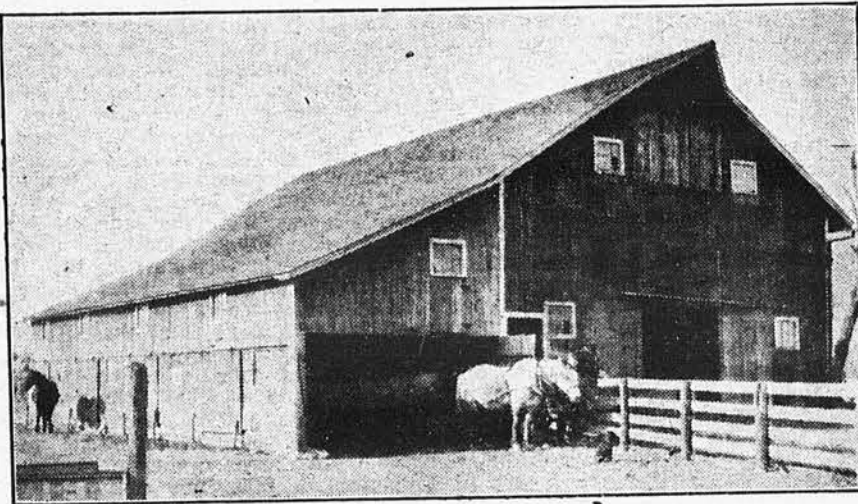
Mr. Reynolds tries to get a crop of hay from this planting. The late growth is turned under early in the fall as green manure. Very often a stand of clover is gotten the second year. This rotation tends to keep the soil in good condition, Mr. Reynolds says.

Seedbeds Carefully Prepared

In preparing a seedbed for wheat the ground if worked in July and August is plowed to a depth of 5 or 6 inches. When plowing is delayed until September the soil is turned to a depth of 3½ to 4 inches. Early plowed ground is double disked and harrowed. Land plowed in September is harrowed three times before the wheat is seeded with the drill. Last year one wheat field on his farm made 26 bushels to the acre.

Reynolds is a strong advocate of Red clover and has always included it among the crops he produced because it helps the soil and also makes a good hay crop. He also grows alfalfa because it is better for hay and is more certain in its yield, he says. Last fall he plowed up a 16-acre patch that was getting thin but he plans to reseed that acreage in order to get the minimum amount of hay he requires for his livestock.

Everything about the Reynolds farm is there for reasons of utility and is part of a scheme of economical operation that has been carefully worked out. The owner has tried to establish a system affording him work the year around and an income that is not dependent on one crop and he has met with an absolutely satisfying success.



Manure is Kept Under Cover to Protect it From the Weather and Every Bit is Utilized on the Reynolds Farm by Being Spread on the Soil

He Built It With Potatoes

Alfred Heck, Of Douglas County Begins With His Farm Home, But He Goes In For Modernization All The Way Around

By Frank A. Meckel

WE WAITED 10 years for our house, but when we did get it, we felt that it was worth waiting for," is the way Alfred Heck of Douglas county feels about his new farm home.

The house was completed about a year ago and stands as a monument to anyone who had anything to do with its construction, for it is one of the most complete and modern farm homes in the state. There is everything there that one might find in the most modern of city homes, and more besides. It is of frame and stucco construction and finish with fine large porches and beautiful lines. The interior is handsomely finished in hard wood thruout.

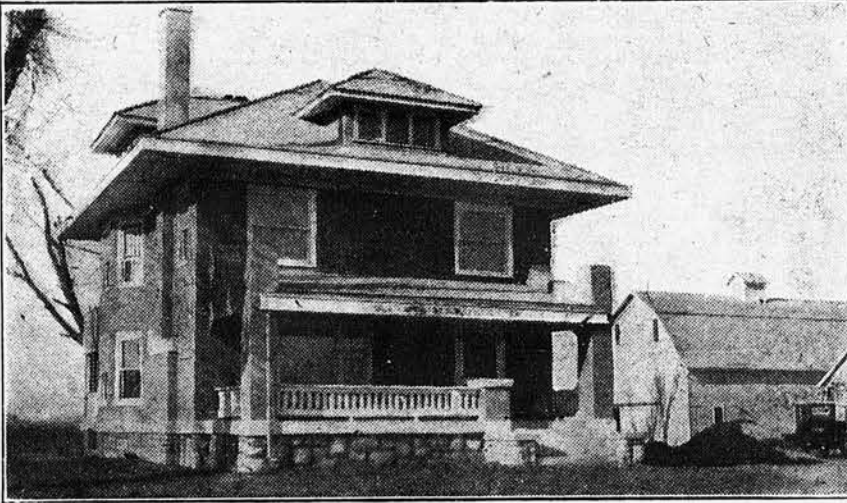
There are 10 rooms with a bath room and finished attic thrown in for good measure, and the general design is very good. The front of the house is so built that it can be closed off from the back when not in use, thus saving fuel for heating and saving much in cleaning. The bed rooms all open off a square hall on the second floor, as does the bath room, which permits of closing off the bedrooms from the rest of the house.

All Floor Space Utilized

Beginning at the very bottom of the structure, the basement, I found something more or less unusual on every floor. The basement is very large, extending under the entire house. The front half is given over to potato storage, and there is plenty of storage space for 3,000 bushels here. The rear half is given over to the furnace room, electric plant and water systems, of which there are two. One pump is belted to the pulley of the electric plant and this draws well water from a driven well and forces it into a large pressure tank in the potato cellar, from which it is piped all thru the house. The other pump is an electrically operated automatic affair which forces cistern water into a small pressure tank. Since it is automatic in its operation, and starts pumping as soon as the pressure goes down to a certain point, there is no need for a large tank, and the water is usually more fresh since no great amount is ever stored.

The electric plant is a 32-volt outfit and provides plenty of light for the house and out buildings as well, and it supplies the power for pumping the water.

The house is heated by a vacuum



Farm Homes Like This One Owned by Mr. Heck Reflect the Importance of the Home and Its Influence on the Entire Farming Enterprise

hot water heating plant which is also automatic in its operation. The furnace itself is very small and compact, but it will maintain plenty of heat nevertheless, and the automatic feature tends to keep the fuel costs very low. Wood is burned to a considerable extent.

In one corner of the basement there is a toilet and a shower bath where the men can bathe after a hot day's work in the fields. Since a natural gas line runs right in front of the house on the road to Leavenworth, it was possible for Mr. Heck to install a gas line to his house, and all the cooking is done on a gas stove. A small hot water heater has also been installed for heating bath water in the basement. This, however, is only used when the furnace is not in operation, for a coil has been placed in the furnace for heating water for household consumption.

The foundation is of stone which came from the old house which stood on the same site as the new one. The basement ceiling is 9 feet high, which gives plenty of room. There are a number of windows which make the basement very light and airy. A door opens from the ground level into the cellar-way, and an entrance to the stairs from the kitchen gives access

to the basement from the inside of the house.

On the first floor, there is a kitchen, dining room, parlor and large front living room. The dining room and parlor are in the middle of the house, and a door opens from the dining room onto a landing in the stairway upstairs. The main stairway leads up from the living room in the front, but the dining room entrance to the stairway saves many steps every day. Both kitchen and parlor have doors opening onto a large screened porch which in summer is used for a dining room.

The parlor is used partly as an office and here Mr. Heck has his roll top desk and all of his papers and accounts. There is a talking machine which provides the family with musical recreation. A set of double doors close this room off from the living room. The living room extends all the way across the front of the house. There are two pillars which in a way divide this room into a living room and a reception hall, but in truth, it is all one room. At one end there is a large fireplace which can be used with either wood logs or gas. The front door opens into the other end of the room from the front porch. The stairway is directly in a line with this front door. There is a spacious clothes

closet under the stair landing which provides space for wraps.

On the second floor there are four bedrooms and the bathroom. One of the bedrooms is used by the hired man, one by the two small boys of the family, another by the Hecks and the fourth is a spare room. The bath room is a work of art, all finished in white enamel with white porcelain fixtures. The bath tub is of the "built-in" type set right up into a corner and tight on the floor. There is no cleaning to be done beneath the tub or behind it. From this bathroom there is another great step-saver leading to the basement. This is a clothes chute with a spring door. Soiled clothes and bed linen may be taken to the bathroom and dropped down this chute into a basket in the basement. It saves the woman thousands of steps in a year's time. In the upstairs hall there are spacious linen closets. The floors are all hardwood as on the first floor.

The third floor, or attic is also finished and plastered. There is room in this for a number of beds which may be used at times when there are a number of men employed on the farm. On this floor, Mr. Heck contemplates placing a billiard table some day so that his boys may find recreation at home instead of being forced to run off to town for their amusement. Provision is also made for heat on this floor.

Roof of Durable Material

The exterior of the house is of stucco placed on metal lath. The roof is of asbestos shingles and trimmed with red tile which gives a most pleasing effect.

I asked Mr. Heck of what material the house was built, and he said, "I guess you might say it is built with potatoes," and that is about the truth. Heck is one of the Kaw Valley bottom land farmers who grow potatoes quite extensively. Year before last when he had a good crop and the price was right, he made the money that went into the new home. While many farmers were expanding themselves into more land which was soon to fall in value, Alfred Heck was putting his money into a home which would serve as a model to his community and a boon to his wife and family. He was making an investment which would not depreciate, and which instead of adding hard labor, would diminish it.

Hard Times Can't Stop Them

Farmers Study and Buy and Breeders Exhibit and Sell the Kinds of Livestock That Balance Agriculture and Make It More Efficient

By T. W. Morse

FURTHER interesting opportunity to study the relation between agricultural depression and exhibitions of improved farm animals has just been afforded by the Sixth Kansas National Livestock Show at Wichita. The phenomena of strengthened exhibits and increased interest, noted thruout the fall and early winter shows, held good.

Each day the attendance slightly exceeded that of the corresponding day a year ago, but more significant was the close attention given by visitors at the show and sale ringsides. Evidences of practical economy were plenty. The show cattle were cared for by two-thirds the usual force of attendants. In most cases, the owner was "making a hand" along with his helpers. New clothes or any evidences of leisure or pleasure seeking, were hard to find, but when it came to good cattle, hogs, horses or sheep, properly presented, the standard of "flush days" was maintained or improved upon.

If it is true—but I have doubted it—that "you can't keep a good man down" then in this class of events the case of the "good man" most admirably is played by the fundamental

business of our livestock improvement.

The break of nearly two months between the show at Wichita and the one at Fort Worth kept the usual number of "en circuit" show herds from coming from Denver, but in most divisions, an increased showing of Kansas animals made up for this loss. This was true in Hereford cattle, particularly, some new Kansas exhibitors joining with some Oklahoma breeders making their first invasion of Kansas, to offset the absence of several professionals who have been "making" Wichita in the past. The Percheron show was a Kansas affair, strictly, and one of the biggest. In the Holstein show outside competition increased over previous years. The knowledge has become quite general that Kansas ranks high as a Holstein state and that it is worth the while of any neighbor who "has the goods" to bring them to Kansas and exhibit them. As a result the Holstein show was one of the hottest ever staged in the West. The biggest exhibition of the show, however, and the biggest

ever staged in the Southwest by one breed, was put on by the Shorthorns. Over 250 breeding cattle were shown, over 20 creditable animals being shown in each of several single animal classes.

Nine states: Kansas, Colorado, Texas, Missouri, Nebraska, Arkansas, Oklahoma, Ohio and Illinois, had breeding stock in the show and sales, and a larger number was represented among the bidders and spectators. The inquiry for show and sale catalogs, Manager Kirk reported as having been exceptionally heavy, including calls for Percheron sale catalogs from some of the extreme northwestern states. Bulk of calls came, of course, from Kansas and Oklahoma where the heaviest advertising was done, and these states were the heaviest buyers.

The public sales were studies in themselves. The spirit of economy never was more pronounced, and yet it never was more evident that men were buying because they needed the animals. In fact, bids could not be pried from a man who did not need the animal being offered. The getting

of bids was slow and strenuous, and yet every public sale offering was cleaned up in the time allotted for selling. Buyers obtained more real bargains than ever before and yet the well fitted young things in nearly all cases sold at a handsome profit on the cost of producing and selling. Sellers' sacrifices were chiefly made on "plants," that is on good bred sows or good cows with calves at side. The merchandising lessons of the sales were richly worth studying, and the sale reports, printed in our regular department, will be of interest. Notwithstanding the conservatism of bidders they had the money to pay and settlements for breeding animals amounting to something like \$40,000 were made in cash.

The general story of the Kansas National is not complete without mention of the officers and superintendents who direct and support Manager Kirk in his annual magic of transforming Wichita's great, block-square, fire proof Forum into an animal husbandry university.

The officers and directors are: Dan C. Smith, M. C. Campbell, S. C. Tucker, E. T. Healy, W. E. Holmes, F.

S. Kirk, J. G. Carey, H. H. Heimble, L. C. Kelly, H. C. Whalen, F. A. Russell, Park E. Salter, H. S. Sladen, L. M. Deakin and Oak L. Throckmorton.

The superintendents were the following persons:

Arena, Col. L. R. Brady, Manhattan; horses, B. M. Anderson, Manhattan; Holsteins, B. R. Gosney, Mulvane; Shorthorns, W. A. Cochel, Kansas City; Herefords, E. T. Healy, Wichita; swine, J. T. Hunter, Wichita; sheep, O. A. Homan, Peabody.

Acknowledgment by all livestock interests, and by all interested in the welfare of animal husbandry, should be made to the Wichita daily papers, particularly the Eagle, for the excellent publicity given to each day's events at the livestock show.

Duroc Jersey Hogs

The Duroc Jersey show was strictly a Kansas affair. In spite of the fact that January is about the worst time of the year for showing breeding hogs a group of representative breeders brought out, in working flesh, some of the state's most valuable Duroc sires and enough females and youngsters from their herds to constitute a real demonstration of the progress this breed is making. The two fall fairs of Kansas have sufficiently demonstrated what winning quality is to safeguard the winter show against sub-standard stuff and this show made an excellent impression upon all visitors.

Judge—George A. Heyl, Washington, Ill.

Exhibitors—B. R. Anderson, McPherson, Kan.; Larimore Bros., Grenola, Kan.; James Conyers, Marion, Kan.; Paul Marsh, Sedgwick, Kan.; Homer Drake, Sterling, Kan.; R. C. Smith, Sedgwick, Kan.; R. P. Ralston, Benton, Kan.

Boars—Aged: 1, Anderson on Victor Sensation; 2, Larimore on Valley Sensation; 3, Conyers on Valley Pathfinder. Senior yearlings: Larimore on L's Pathrion. Junior yearlings: Marsh on L's Defender. Senior pigs: 1, Larimore on Major Sensation; 2, Conyers on High Pathfinder; 3, Anderson on Sensation Boy. Junior pigs: 1, Drake on Smooth Sensation; 2, Larimore on Valley Uneda Sensation; 3, Smith on Mammoth Gano Sensation.

Sows—Aged: 1, Marsh on Colonel's Wonder Lass A; 2, Larimore on King's Uneda; 3, Anderson on Royal Pathfinder. Senior yearlings: 1, Smith on Lady Bess; 2, Anderson on Royal Alma. Junior yearlings: 1 and 2, Larimore on unnamed and Miss Sensation Maid; 3, Anderson on Lady Pathfinder. Senior pigs: 1, Larimore on Uneda Miss Sensation; 2, Larimore on Invincible Wonder Girl; 3, Anderson on Sensational Lady. Junior pigs: 1, Anderson on Vick's Big Girl; 2, Smith on Sensation 2nd; 3, Larimore on Mischief Valley Sensation.

Championships—Senior champion boar: Anderson on Victor Sensation. Junior and grand champion boar: Larimore on Major Sensation. Senior champion sow: Larimore on unnamed. Junior and grand champion sow: Larimore on unnamed.

Groups—Aged herd: 1, Larimore; 2, Anderson; 3, Marsh. Young herd: 1, Larimore; 2, Conyers; 3, Anderson. Aged herd bred and exhibited by owner: 1, Larimore. Young herd bred and owned by exhibitor: 1, Conyers; 2, Larimore; 3, Anderson. Get of sire: 1, Anderson; 2, Conyers; 3, Larimore. Produce of dam: 1, Larimore; 2, Conyers; 3, Anderson.

Poland China Hogs

The awarding of Poland China prizes carried with it a moderate reaction from the tendency toward extreme "type" and upset some ratings in the earlier shows. The audience of practical pork hog men, for the most part, seemed not to take exception to this. The truth is that from how on the farmer, and not the self constituted "expert," is going to fix the fashion for the animal he chooses to help him get a living price out of his corn and alfalfa. This division of the show was a Kansas affair, with 15 Kansas herds represented in a show of unusual size for the winter. As the appended list of awards will show, the distribution of ribbons was unusually general.

Judge—George A. Heyl.

Exhibitors—Deming Ranch, Oswego, Kan.; J. W. Castin, Wichita, Kan.; Willis Ray, Wilmore, Kan.; Lewis & Mercer, Conway Springs, Kan.; Joe Tucker, Wichita, Kan.; C. L. Barnes, Grenola, Kan.; Duphorne Bros., Harper, Kan.; E. E. Miller & Son, Wichita, Kan.; Fred Robinson, Wilmore, Kan.; J. F. Gsell, Wichita, Kan.; A. S. Foster & Son, Harper, Kan.; E. J. Matthews, Clearwater, Kan.; Moore Farms, Gardner, Kan.; George Deffelder & Sons, Effingham, Kan.; H. R. Weinrich, Oxford, Kan.

Boars—Aged: 1, Weinrich on W's Yankee; 2, Deming Ranch on Astral King; 3, Castin on Castin's Giant. Senior yearlings: 1, Deming Ranch on Big Liberty Bob; 2 and 3, Lewis & Mercer on Columbus Wonder 2nd and Superior Buster. Junior yearlings: 1, Tucker on Wonder Masterpiece; 2, Deming Ranch on Latchnite; 3, Barnes on Z. B. Bob. Senior pigs: 1, Miller & Son on Pioneer Jr.; 2, Deming Ranch on Ranch Yankee; 3, Barnes on Goldfield. Junior pigs: 1, Tucker on T's Masterpiece; 2, Deming Ranch on Liberty Orange Stamp 1st; 3, Duphorne on Black Quality Wonder.

Sows—Aged: 1, Weinrich on Giant Mary; 2, Tucker on Big Maid; 3, Tucker on Big Maid 3rd. Senior yearlings: 1, Barnes on Alma D; 2 and 3, Deming Ranch on Ranch Maiden and Bob's Beauty. Junior yearlings: 1, Deming Ranch on Eloise; 2, Lewis & Mercer on Alta A; 3, Tucker on Queen Lou. Senior pigs: 1, Deming Ranch on Orange Maid; 2, Moore Farms on Revela-

tion Girl; 3, Lewis & Mercer on Wonder Queen. Junior pigs: 1, Moore Farms on Revelation Best; 2, Deming Ranch on Deming's Yankee Girl; 3, Tucker on Miss Pace-maker.

Championships—Senior and grand champion boar: Deming Ranch on Big Liberty Bob. Junior champion boar: Miller & Son on Pioneer Jr. Senior and grand champion sow: Deming Ranch on Eloise. Junior champion sow: Moore Farms on Revelation.

Groups—Aged herd by exhibitor: 1, Deming Ranch; 2, Lewis & Mercer; 3, Barnes. Aged herd owned: 1, Deming Ranch; 2, Weinrich; 3, Lewis & Mercer. Young herd owned: 1, Miller; 2, Barnes; 3, Tucker. Young herd bred by exhibitor: 1, Barnes; 2, Tucker; 3, Deming Ranch. Get of sire:

John R. Stephenson, Holton; Mott & Branch, Herington; George Appleman, Mulvane; Haley Thomas, Andover; Fred Bradford, Derby; A. C. Cline, Rose Hill; Union College, Lincoln, Neb.; J. P. Holmes, Wellington.

Bulls—Aged: 4 shown; 1, Spencer Penrose, Colorado Springs on Columbine Piebe Changeling; 2, W. H. Mott, Herington, Kan. on Canary Butter Boy King. Two-year-olds: 4 shown; 1, C. W. McCoy on U. S. Korn-dyke Homestead Segis; 2, entry by Union College. Yearlings: 5 shown; 1, Arkansas Valley Sugar Beet & Irrigated Land Co. on Avoca Lodge King Johanna; 2, B. R. Gosney on Artia Pontiac Ormsby; 3, E. D. Hersberger on Regier Hollywood; 4, Union College. Senior calf: 12 shown; 1, Union Col-

shown; 1, C. W. McCoy on Madam Pontiac Segis; 2, Arkansas Valley Sugar Beet & Irrigated Land Co. on Paramity Korn-dyke Ormsby; 3, Union College; 4, Spencer Penrose on Columbine Princess Changeling; 5, F. P. Bradford on Lady Babe Fobes Homestead.

Championships—Senior and grand champion bull: McCoy on U. S. Korn-dyke Homestead Segis. Senior and grand champion cow: Appleman on Zwingara Segis Clothide.

Groups—Exhibitors herd: 6 shown; 1, C. W. McCoy; 2, W. H. Mott; 3, Union College; 4, Spencer Penrose. Calf herd: 4 shown; 1, Union College; 2, Spencer Penrose; 3, W. H. Mott. Get of sire: 8 shown; 1, George B. Appleman; 2, Union College; 3, George Young; 4, W. H. Mott. Produce of cow: 9 shown; 1, George Young; 2, W. H. Mott; 3, C. W. McCoy; 4, Union College.

Shorthorn Cattle

The high mark for the Kansas National was set by the Shorthorn breeders, thanks always partly to the participation and co-operation of the Shorthorn record association officials. Twenty-nine breeders, representing seven states, took part in the strongest show of Shorthorns ever held in Kansas. The rings of single entries ranged in size from five animals to 30, the bull and heifer calves counted together, numbering 43 in the senior section and 43 in the junior section. The quality standard was as high as has been seen in the United States this year except at the International. Comment around the show indicated that the Colorado exhibitors were doing themselves a great deal of good in a territory which has been well cultivated for Shorthorn business and will show a good response.

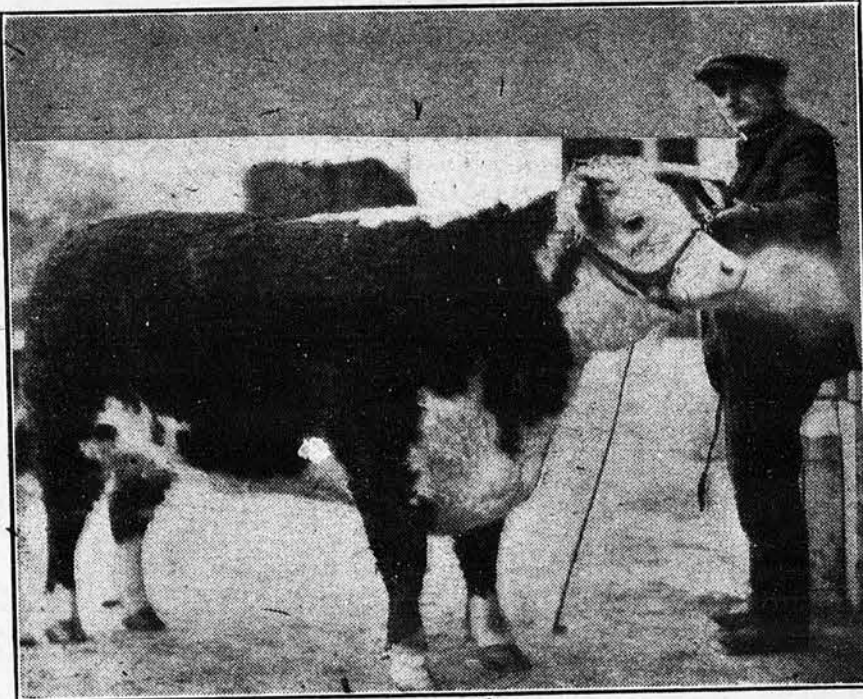
Judge—Frank Smith, St. Cloud, Minn.

Exhibitors—Tomson Brothers, Wakarusa, Kan.; Carpenter & Ross, Mansfield, O.; Park E. Salter, Wichita, Kan.; John Regier, Whitewater, Kan.; H. C. Lookabaugh, Watonga, Okla.; William Hartnett, Chicago, Ill.; C. E. Mabry, Talala, Okla.; E. L. Stunkel, Peck, Kan.; Thomas J. Dawe & Son, Hiawatha, Kan.; Frank S. Scofield, Hillsboro, Tex.; Maxwell-Miller Cattle Co., Littleton, Colo.; D. W. Hirschel, Harper, Kan.; A. B. Campbell, Geary, Okla.; Dr. H. W. Burgess, Chelsea, Okla.; D. S. Smith, Enid, Okla.; G. A. Gurnerson, Kremlin, Okla.; H. E. Huber, Meriden, Kan.; F. C. & J. W. Barber, Skidmore, Mo.; W. S. Dowell, Welsh, Okla.; A. W. Jacob, Valley Center, Okla.; G. D. Counts & Son, Wesley, Ark.; Allen Cattle Company, Colorado Springs, Colo.; E. J. Matthews, Clearwater, Kan.; Preston L. Boles, Enid, Okla.; Claude Lovett, Neal, Kan.; A. W. Jacob, Valley Center, Okla.; J. W. Wartick, Wellington, Kan.; Dr. A. O. Nauman, Craig, Mo.

Bulls—Aged: 6 shown; 1, Carpenter & Ross on Maxwalton Monarch; 2, Scofield on Imp. Cullisse Band Sargent; 3, Salter on Imp. Bapton Corporal; 4 and 5, Hartnett on Imp. Gentleman Straffon Cadet and Imp. Coolshinney Broadhooks; 6, Dawe & Son on Rosewood Pride. Two-year-olds: 6 shown; 1, Carpenter & Ross on Maxwalton Marmout; 2, Hartnett on Imp. Lochdu Warrior; 3, Carpenter & Ross on Maxwalton Evolution; 4 and 5, Hartnett on Imp. Saltoun Mystic and Imp. Windsor Royal Star. Senior yearlings: 3 shown; 1, Campbell on Sultan Stamp; 2, Salter on Park Place Corporal; 3, Burgess on Fair Acres Collynie. Junior yearlings: 14 shown; 1, Carpenter & Ross on Maxwalton Lochinvar; 2 and 3, Maxwell-Miller Cattle Co. on Broadhooks Stamp and Modest King; 4, Tomson Bros. on Marshal Sunray; 5, Salter on Bapton Coupon; 6, Burgess on Second Fair Acres Sultan; 7, Gurnerson on Oklahoma Sultan; 8, Smith on Baron Corporal; 9, Stunkel on Cumberland King. Senior calves: 13 shown; 1, Maxwell-Miller Cattle Co. on Divide Supreme; 2, Scofield on Silver Crown; 3, Tomson Bros. on Marshal Mayflower; 4, Allen Cattle Co. on Florist; 5, Regier on Arcatus; 6, W. F. Barber on Village Matadore; 7, Campbell on Fair Acres Clipper; 8, Lovett on Orange Marshall; 9, Salter on British Villager. Junior calves: 23 shown; 1 and 7, Maxwell-Miller Cattle Co. on Max-Mill Parson and Max-Mill Marmion; 2, Carpenter & Ross on Maxwalton Ladas; 3 and 10, Tomson Bros. on Marshal Gold and Admiral; 4, Dawe & Son on Mayflower's Pride; 5, Scofield on Lackawanna Archer; 6 and 8, Regier on Altair and A. L. Pride; 9, Matthews on Diamond Jr.

Cows—Aged (dry): 5 shown; 1, Carpenter & Ross on Miss Snowbird Sultan; 2, 3 and 4, Dr. Nauman on Brandsby's Lady 6th, Village Queen and Village Flower 2nd; 5, Salter on Gregg's Farm Mysie. Aged (with calf at side): 8 shown; 1, Carpenter & Ross on Lady Dorothy; 2, Dawe & Son on Last Rose; 3, Scofield on Marigold Bud; 4, Stunkel on Lady Victoria 4th; 5, Allen Cattle Co. on Divide Favorite. Two-year-olds: 8 shown; 1, Maxwell-Miller Cattle Co. on Max-Mill Myrtle; 2, Carpenter & Ross on Maxwalton Mina 20th; 3, Scofield on Lackawanna Violet 2nd; 4, Dawe & Son on Mayflower Belle; 5, Campbell on Whitehall Belle. Senior yearlings: 11 shown; 1, 2 and 4, Maxwell-Miller Cattle Co. on Max-Mill Susan, Divide Iris and Divide Sultana; 2, Scofield on Lackawanna Blossom 3rd; 5 and 6, Carpenter & Ross on Maxwalton Gloster and Maxwalton Gloster; 7, Tomson Bros. on Mayflower 11th; 8, Dawe & Son on Marigold 15th; 9, Burgess on Victoria's Violet. Junior yearlings: 10 shown; 1, Tomson Bros. on Miss Augusta 116th; 2 and 4, A. B. Campbell on Mary Stone 12th and Lovely 25th; 3, Maxwell-Miller Cattle Co. on Max-Mill Mina 2nd; 4, Regier on A. L. Bashful; 5, Allen Cattle Co. on Divide Missie; 7, Carpenter & Ross on Maxwalton Dorothy; 8, Lovett on Belle of Homer 3rd; 9, F. C. Barber on Lady Orleans 6th. Senior calves: 30 shown; 1, 4 and 7, Tomson Bros. on Lady Gloster, Proud Lady and Rosemary 3rd; 2, Maxwell-Miller Cattle Co. on Max-Mill Victoria; 3, Allen Cattle Co. on Divide Maid 2d; 5 and 8, Carpenter & Ross on Maxwalton Mysie and Maxwalton Missie 13th; 6, Gurnerson on Alfalfa Point Miss; 9, W. F. Barber on Village Diamond 2nd. Junior calves: 20 shown; 1 and 2, Maxwell-Miller Cattle Co. on Max-Mill Secret and Max-Mill Acron 2nd; 3, Dawe & Son on Emma Rosewood; 4, 5 and 8, Scofield on Lackawanna Mary 3rd, Rosewood 9th and Lackawanna Marigold 2nd; 6 and 7, Allen Cattle Co. on unnamed and Divide Gladiolus; 9, Regier on Nora 2nd.

(Continued on Page 19)



Crystal Mischief, Hereford First Prize Junior Yearling and Junior Champion Female, Ken Caryl Ranch, Arapahoe County, Colorado.

1, Deming Ranch; 2, Lewis & Mercer; 3, Barnes. Produce of dam: 1, Tucker; 2, Deming Ranch; 3, Lewis & Mercer. Pen 3 barrows: 1 and 2, Lewis & Mercer.

Holstein-Friesian Cattle

Thirty-two Kansas, Colorado, Nebraska and Oklahoma herds contributed to the most interesting Holstein show ever staged at Wichita. With the competition thus afforded the winnings of the Kansas herds were more to their credit, perhaps, than any previous show ring performances. Holsteins nowadays attract attention, per sex, but with Axel Hansen judging and expounding, the Holstein show fared well in the face of all counter attractions. Secretary Mott, of the Holstein Association of Kansas, co-operating with the management of the show, had good title to the congratulations received over the outcome of his efforts.

Judge—Axel Hansen, Minnesota.

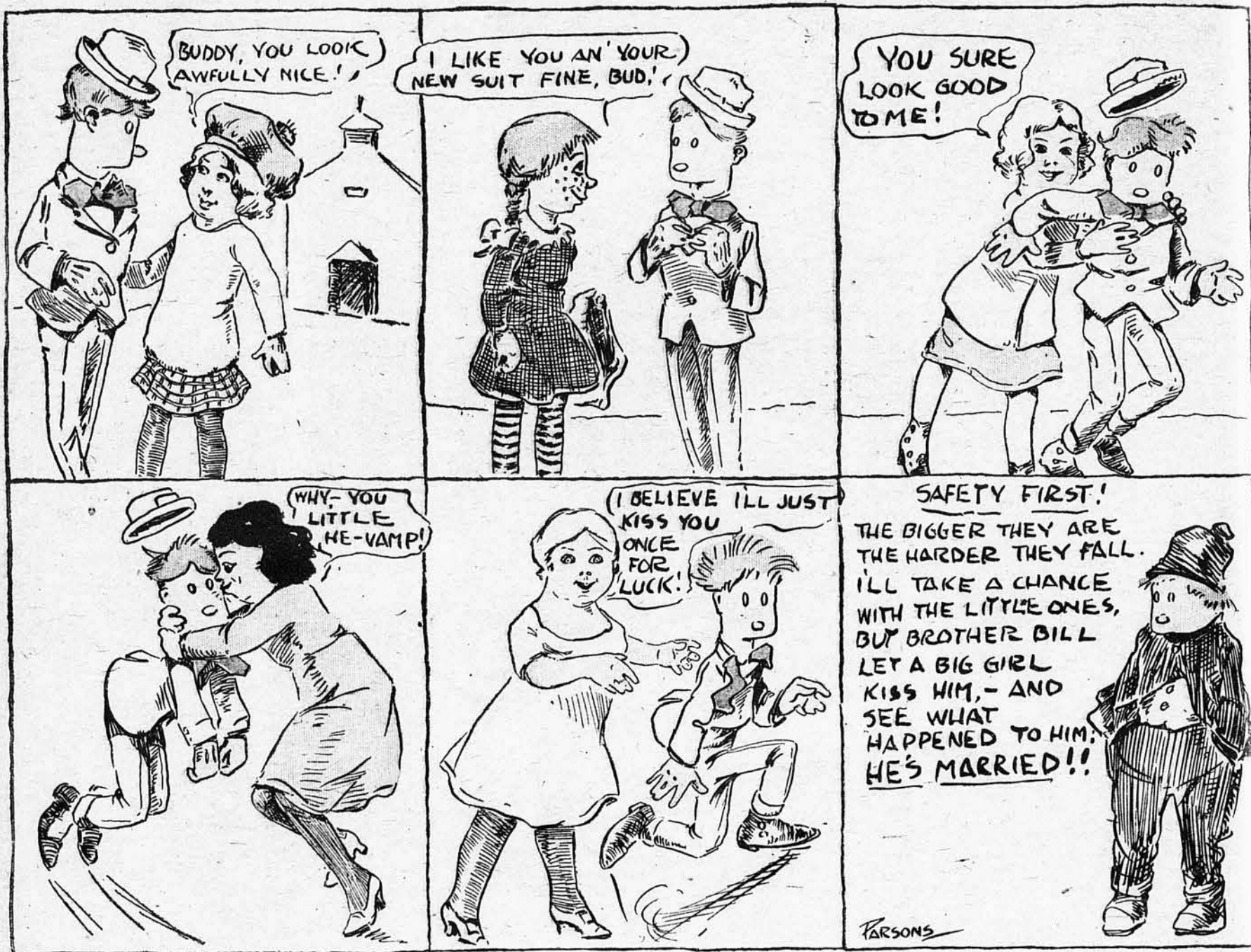
Exhibitors—American Sugar Beet Company, Lamar, Colo.; Arkansas Valley Sugar Beet Company, Hollywood, Colo.; R. A. Bower, Eureka; A. C. Cline, Rose Hill; A. Colburn, McPherson; Walter Craven, Wichita; Elmer G. Engle, Abilene; Jesse C. Gillette, Wichita; O. G. High, Derby; J. P. Holmes, Wellington; Jesse Moninger, Harper; F. E. Peck, Wellington; Spencer Penrose, Colorado Springs; G. Reiber & Sons, Whitewater; J. E. Reiger, Whitewater; Ora Royse, El Reno, Okla.; W. A. Shieler, Hutchinson; John R. Stephenson, Holton; R. E. Stuewe, Alma; George Young, Manhattan; E. A. Brown, Pratt; B. R. Gosney, Mulvane; Fred Harvey, Newton; O. G. High, Derby;



Kansas Bibby, Grand Champion Shropshire Ram, Kansas State Agricultural College. A. M. Paterson, Sheep Expert at the College, is posing the Ram

The Adventures of the Hoovers

Buddy Doesn't Object to Kissing, But He is Afraid to Take a Chance on a Big Girl Because He Remembers the Experience of His Brother Bill



The Light in the Clearing

By Irving Bacheller

(Copyright, The Bobbs-Merrill Company)

AH MY lad, I know the heart o' youth! Ye'd like to be puttin' yer arms around her—wouldn't ye, now? Sure, there's time enough! You two young colts are bein' broke' an' bitted. Ye've a chance now to show yer quality—yer faith, yer loyalty, yer cleverness. If either one o' ye fails that one isn't worthy o' the other. Ye're in the old treadmill o' God—the both o' ye. Ye're bein' weighed an' tried for the great prize. It's not pleasant, but it's better so. Go on, now, an' do yer best an' whatever comes take it like a man."

A little silence followed. He broke it with these words:

"Ye're done with that business in Cobleskill, an' I'm glad. Ye didn't know ye were bein' tried there—did ye? Ye've stood it like a man. What will ye be doin' now?"

"I'd like to go to Washington with the Senator."

"I was hopin' ye'd say that," he went on. "Well, boy, I think it can be arranged. I'll see the Senator as soon as ever he comes an' I believe he'll be glad to know o' yer wishes. I think he's been hopin', like, that ye would propose it. Go up to the farm and spend a happy month or two with yer aunt an' uncle. It'll do ye good. Ye've been growin' plump down there. Go an' melt it off in the fields."

"How is Deacon Binks?" I asked presently.

"Soul buried in fat! The sparkler on his bosom suggests a tombstone stickin' out of a soiled snowbank."

A little more talk and we were off to bed with our candles.

Next morning I went down into the main street of the village before leaving for home. I wanted to see how it looked and, to be quite frank, I wanted some of the people of Canton to see how I looked, for my clothes were of the best cloth and cut in the latest fashion. Many stopped me and shook my hand—men and women who had never noticed me before, but there was a quality in their smiles that I didn't quite enjoy. I know now that they thought me a little too grand on the outside. What a stern-souled lot those Yankees were! "All ain't gold that glitters." How often I had heard that version of the old motto!

"Why, you look like the Senator when he is just gittin' home from the capital," said Mr. Jenison.

They were not yet willing to take me at the par of my appearance.

I met Betsy Price—one of my schoolmates—on the street. She was very cordial and told me that the Dunks had gone to Saratoga.

"I got a letter from Sally this mornin'," Betsy went on. "She said that young Mr. Latour was at the same hotel and that he and her father were good friends."

I wonder if she really enjoyed stickin' this thorn into my flesh—a thorn

which made it difficult for me to follow the advice of the schoolmaster and robbed me of the little peace I might have enjoyed. My faith in Sally wavered up and down until it settled at its wonted level and reassured me.

A Perfect Summer Morning

It was a perfect summer morning and I enjoyed my walk over the familiar road and up into the hill country. The birds seemed to sing a welcome to me. Men and boys I had known waved their hats in the hay-fields and looked at me. There are few pleasures in this world like that of a boy getting home after a long absence. My heart beat fast when I saw the house and my uncle and Purvis coming in from the twenty-acre lot with a load of hay. Aunt Deel stood on the front steps looking down the road. Now and then her waving handkerchief went to her eyes. Uncle Peabody came down the standard off his load and walked toward me.

"Say, stranger, have you seen anything of a feller by the name o' Bart Baynes?" he demanded.

"Have you?" I asked.

"No, sir, I ain't. Gosh a' mighty! Say! what have ye done with that boy o' our'n?"

"What have you done to our house?" I asked again.

"Built on an addition." "That's what I've done to your boy," I answered.

"Thunder an' lightnin'! How you've raised the roof!" he exclaimed as he grabbed my satchel. "Dressed like a statesman an' bigger'n a bullmoose. I can't rattle with you no more. But say! I'll run ye a race. I can beat ye an' carry the satchel, too."

We ran pell-mell up the lane to the steps like a pair of children.

Aunt Deel did not speak. She just put her arms around me and laid her dear old head upon my breast. Uncle Peabody turned away. Then what a silence! Off in the edge of the woodland I heard the fairy flute of a wood-thrush.

"Purvis, you drive that load on the floor an' put up the hosses," Uncle Peabody shouted in a moment. "If you don't like it you can hire 'nother man. I won't do no more till after dinner. This slave business is played out."

"All right," Purvis answered.

"You bet it's all right. I'm fer abolition an' I've stood your domineerin' nigger-driver ways long enough fer one mornin'. If you don't like it you can look for another man."

The Bloom of Violets

Aunt Deel and I began to laugh at this good-natured, make-believe scolding of Uncle Peabody and the emotional strain was over. They led me into the house where a delightful surprise awaited me for the rooms had been decorated with balsam boughs

and sweet ferns. A glowing mass of violets, framed in moss, occupied the center of the table. The house was filled with the odors of the forest, which, as they knew, were dear to me. I had written that they might expect me some time before noon, but I had begged them not to meet me in Canton, as I wished to walk home after my long ride. So they were ready for me.

I remember how they felt the cloth on my back and how proudly they surveyed it.

"Couldn't buy them goods 'round these parts," said Uncle Peabody. "Nor nothin' like 'em—no, sir."

"Feels a leetle bit like the butter-nut trousers," said Aunt Deel as she felt my coat.

"Ayes, but them butter-nut trousers ain't what they used to be when they was young an' limber," Uncle Peabody remarked. "Seems so they was gettin' kind o' wrinkled an' baldheaded-like, 'specially where I set down."

"Ayes! Wal I guess a man can't grow old without his pants growin' old, too—ayes!" said Aunt Deel.

"If yer legs are in 'em ev'ry Sunday they ketch it of ye," my uncle answered. "Long sermons are hard on pants, seems to me."

"An' the longer the legs the harder the sermons—in them little seats over 't the schoolhouse—ayes!" Aunt Deel added by way of justifying his complaint. "There wouldn't be so much wear in a ten-mile walk—no!"

The chicken pie was baking and the strawberries were ready for the short-cake.

"I've been wallerin' since the dew was off gittin' them berries an' v'lets—ayes!" said Aunt Deel, now busy with her work at the stove.

"Aunt, you look as young as ever," I remarked.

She slapped my arm and said with mock severity:

"Stop that! W'y! You know better—ayes!"

How vigorously she stirred the fire then.

"I can't return the compliment—my soul! how you've changed!—ayes!" she remarked. "I hope you ain't fit no more, Bart. I can't bear to think o' you flyin' at folks an' poundin' of 'em. Don't seem right—no, it don't!"

"Why, Aunt Deel, what in the world do you mean?" I asked.

"It's Purvis's brain that does the poundin', I guess," said my uncle. "It's kind o' got the habit. It's a reglar beetle brain. To hear him talk, ye'd think he an' you could clean out the hull Mexican nation—barrin' accidents. Why, anybody would suppose that yer enemies go to climbin' trees as soon as they see ye comin' an' that you pull the trees up by the roots to git at 'em."

"A certain amount of such deviltry is necessary to the comfort of Mr. Purvis," I remarked. "If there is nobody else to take the responsibility for it he assumes it himself. His imagination has an intense craving for blood and violence. It's that type of American who, egged on by the slave power, is hurrying us into trouble with Mexico."

Purvis came in presently with a look in his face which betrayed his knowledge of the fact that all the cobwebs spun by his fancy were now to be brushed away. Still he enjoyed them while they lasted and there was a kind of tacit claim in his manner that there were subjects regarding which no honest man could be expected to tell the truth.

An Escaped Slave's Story

As we ate our dinner they told me that an escaped slave had come into a neighboring county and excited the people with stories of the auction block and of negroes driven like yoked oxen on plantations in South Carolina, whence he had escaped on a steamboat.

"I b'lieve I'm goin' to vote for abolition," said Uncle Peabody. "I wonder what Silas Wright will say to that." "He'll probably advise against it, the time isn't ripe for so great a change," was my answer. "He thinks that the whole matter should be left to the glacial action of time's forces."

Indeed I had spoken the view of the sounder men of the North. The subject filled them with dread alarm. But the attitude of Uncle Peabody was significant. The sentiment in favor of a change was growing. It was now to be reckoned with, for the abolition party was said to hold the bal-

ance of power in New York and New England and was behaving itself like a bull in a china shop.

After dinner I tried to put on some of my old clothes, but found that my nakedness had so expanded that they would not cover it, so I hitched my white mare on the spring wagon and drove to the village for my trunk.

Every week day after that I worked in the fields until the Senator arrived in Canton about the middle of August. On one of those happy days I received a letter from old Kate, dated, to my surprise, in Saratoga. It said:

"Dear Barton Baynes—I thought I would let you know that my father is dead. I have come here to rest and have found some work to do. I am better now. Have seen Sally. She is very beautiful and kind. She does not know that I am the old witch, I have changed so. The others do not know—it is better that way. I think it was the Lord that brought me here. He has a way of taking care of some people, my boy. Do you remember when I began to call you my boy—you were very little. It is long, long ago since I first saw you in your father's doorway—you said you were going to mill

on a butterfly's back. You looked just as I thought my boy would look. You gave me a kiss. What a wonderful gift it was to me then! I began to love you. I have no one else to think of now. I hope you won't mind my thinking so much of you. "God bless you, "Kate Fullerton."

I understood now why the strong will and singular insight of this woman had so often exercised themselves in my behalf. I could not remember the far day and the happy circumstance of which she spoke, but I wrote her a letter which must have warmed her heart I am sure.

Silas Wright Arrives

Silas Wright arrived in Canton and drove up to our home. He reached our door at eight in the morning with his hound and rifle. He had aged rapidly since I had seen him last. His hair was almost white. There were many new lines in his face. He seemed more grave and dignified. He did not lapse into the dialect of his fathers when he spoke of the ancient pastimes of hunting and fishing as he had been wont to do.

"Bart," he said when the greetings

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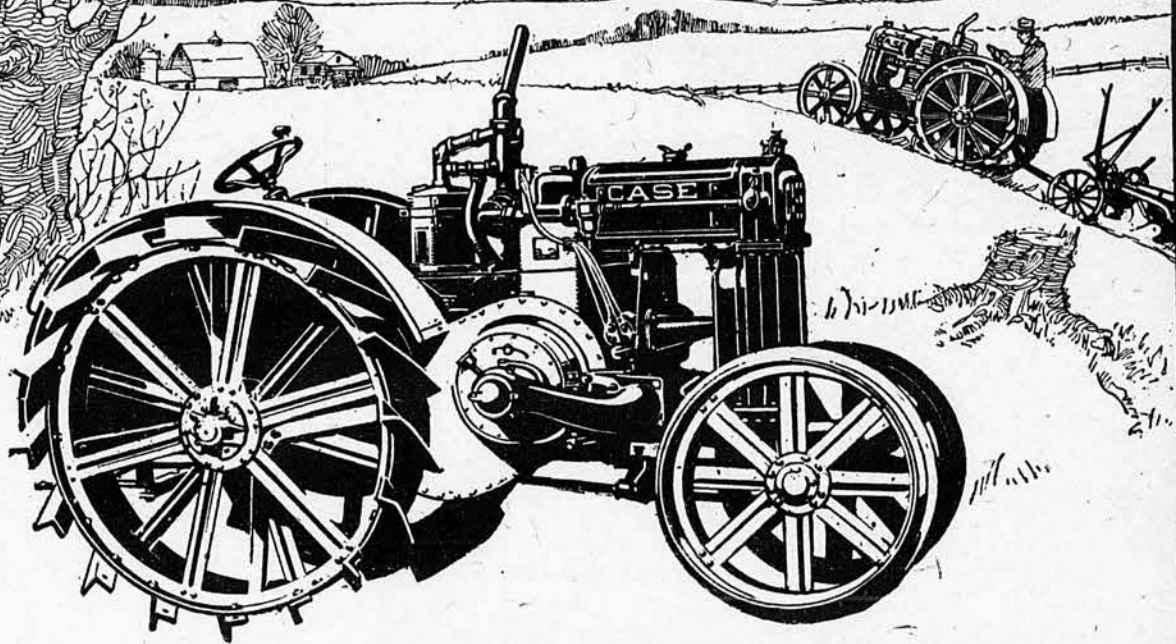
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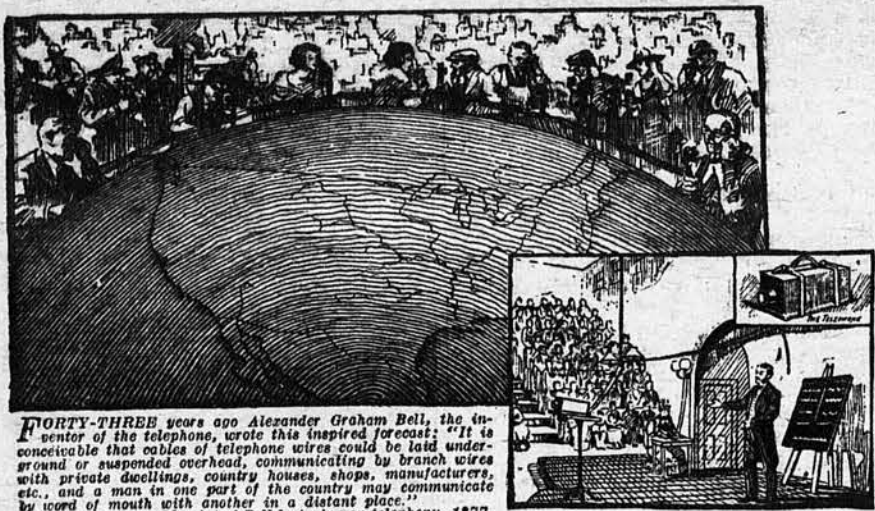
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were over, "let's you and me go and spend a day in the woods. I'll leave my man here to help your uncle while you're gone."

We went by driving south a few miles and tramping in to the foot of the stillwater on our river—a trail long familiar to me. The dog left us soon after we took it and began to range over thick wooded hills. We sat down among small, spire-like spruces at the river's edge with a long stretch of water in sight while the music of the hound's voice came faintly to our ears from the distant forest.

"Oh, I've been dreaming of this for a long time," said the Senator as he leaned back against a tree and filled his lungs and looked out upon the water, green with lily-pads along the edge and flecked with the last of the white blossoms. "I believe you want to leave this lovely country."

"I am waiting for the call to go," I said.

"Well, I'm inclined to think you are the kind of man who ought to go," he answered almost sadly. "You are needed. I have been waiting until we should meet to congratulate you on your behavior at Cobleskill. I think you have the right spirit—that is the all-important matter. You will encounter strange company in the game of politics. Let me tell you a story."

He told me many stories of his life in Washington, interrupted by a sound like that of approaching footsteps. We ceased talking and presently a flock of partridges came near us, pacing along over the mat of leaves in a leisurely fashion. We sat perfectly still. A young cock bird with his beautiful ruff standing out, like the hair on the back of a frightened dog, strode toward us with a comic threat in his manner. It seemed as if he were of half a mind to knock us into the river. But we sat as still as stumps and he spared us and went on with the others.

"Beautiful Politics"

The baying of the hound was nearer now. Suddenly we saw a big buck come down to the shore of the cove near us and on our side of the stream. He looked to right and left. Then he made a long leap into the water and waded slowly until it covered him. He raised his nose and laid his antlers back over his shoulders and swam quietly down-stream, his nose just showing above the water. His antlers were like a bit of driftwood. If we had not seen him take the water his antlers might easily have passed for a bunch of dead sticks. Soon the buck slowly lifted his head and turned his neck and looked at both shores. Then very deliberately he resumed his place under water and went on. We watched him as he took the farther shore below us and made off in the woods again.

"I couldn't shoot at him, it was such a beautiful bit of politics," said the Senator.

Soon the hound reached the cove's edge and swam the river and ranged up and down the bank for half an hour before he found the buck's trail again.

"I've seen many a rascal, driven to water by the hounds, go swimming away as slyly as that buck, with their horns in the air, looking as innocent as a bit of driftwood. They come in from both shores—the Whig and the Democratic—and they are always shot at from one bank or the other."

I remember it surprised me a little to hear him say that they came in from both shores.

"Just what do you want to do?" he asked presently.

"I should like to go down to Washington with you and help you in any way that I can."

"All right partner—we'll try it," he answered gravely. "I hope that I don't forget and work you as hard as I work myself. It wouldn't be decent. I have a great many letters to write. I'll try thinking out loud while you take them down in shorthand. Then you can draft them neatly and I'll sign them. You have tact and good manners and can do many of my errands for me and save me from those who have no good reason for taking up my time. You will meet the best people and the worst. There's just a chance that it may come to something worth while—who knows? You are young yet. It will be good training and you will witness the making of some history now and then."

What elation I felt! Again the voice of the hound which

had been ringing in the distant hills was coming nearer.

"We must keep watch—another deer is coming," said the Senator.

Big Game at Last

We had only a moment's watch before a fine yearling buck came down to the opposite shore and stood looking across the river. The Senator raised his rifle and fired. The buck fell in the edge of the water.

"How shall we get him?" my friend asked.

"It will not be difficult," I answered as I began to undress. Nothing was difficult those days.

I swam the river and towed the buck across with a beech withe in his gambrel joints. The hound joined me before I was half across with my burden and nosed the carcass and swam on ahead yelping with delight.

We dressed the deer and then I had the great joy of carrying him on my back two miles across the country to the wagon. The Senator wished to send a guide for the deer, but I insisted that the carrying was my privilege.

"Well, I guess your big thighs and broad shoulders can stand it," said he.

"My uncle has always said that no man could be called a hunter until he can go into the woods without a guide and kill a deer and bring it out on his back. I want to be able to testify that I am at least partly qualified."

"Your uncle didn't say anything about fetching the deer across a deep river without a boat, did he?" Mr. Wright asked me with a smile.

Leaves of the beeches, maples and basswoods—yellowed by frost—hung like tiny lanterns, glowing with noon-day light, above the dim forest-aisle which we traveled.

The sun was down when we got to the clearing.

"What a day it has been!" said Mr. Wright when we were seated in the wagon at last with the hound and the deer's head between his feet and mine.

"One of the best in my life," I answered with a joy in my heart, the like of which I have rarely known in these many years that have come to me.

We rode on in silence with the calls of the swamp robin and the hermit thrush ringing in our ears as the night fell.

"It's a good time to think, and there we take different roads," said my friend. "You will turn into the future and I into the past."

"I've been thinking about your uncle," he said by and by. "He is one of the greatest men I have ever known. You knew of that foolish gossip about him—didn't you?"

"Yes," I answered.

"Well, now, he's gone about his business the same as ever and showed by his life that it couldn't be true. Not a word out of him! But Dave Ramsey fell sick—down on the flat last winter. By and by his children were crying for bread and the poor-master was going to take charge of them. Well, who should turn up there, just in the nick of time, but Delia and Peabody Baynes. They fed those children all winter and kept them in clothes so that they could go to school. The strange thing about it is this: it was Dave Ramsey who really started that story. He got up in church the other night and confessed his crime. His conscience wouldn't let him keep it. He said that he had not seen Peabody Baynes on that road the day the money was lost but had only heard he was there. He knew now that he couldn't have been there. Gosh t'almighty! as your uncle used to say when there was nothing else to be said."

It touched me to the soul—this long-delayed vindication of my beloved Uncle Peabody.

"Peabody Baynes, if I have had any success in the world it is because I have had the exalted honor and consciousness that I represented men like you."

He left us and we sat down by the glowing candles. Soon I told them what Ramsey had done. There was a moment of silence. Uncle Peabody rose and went to the water-pail for a drink.

"Bart, I believe I'll plant corn on that ten-acre lot next spring—darned if I don't," he said as he returned to his chair.

None of us ever spoke of the matter again to my knowledge.

(TO BE CONTINUED.)

High Freight Rates Injure

On Every Hand They Limit Farmer's Chance to Recover From Effects of Readjustment—Reduction is Vital

NO FACTOR is having quite so marked a detrimental influence on the farmer today as high freight rates. On every hand they limit his opportunity to recover from the effects of the readjustment period, reduce his ability to buy the things he needs to conduct his business and generally muddle up the water.

The cost of getting his products to market is so high that he has little left to repay him for his time and effort spent in raising a crop or growing livestock. On the other hand the same high freight rates figure in the cost of everything he buys.

This situation is no more clearly shown than when the prices of merchandise are figured in terms of the number of bushels of corn required to buy them now as compared with several years ago.

As pointed out by F. R. Todd, vice president of Deere and Company, high freight rates are a serious drawback to the return of normal prosperity on the farms and are acting, as a result, as a serious deterrent to business throughout the Nation. Recently Mr. Todd made a complete investigation of this subject as related to certain farm implements and his study revealed that freight rates figure largely in the matter.

There is no question about the seriousness of the present situation. In fact it is critical. Its solution can be brought about best by a combination of action. The farmer is in a position greatly to help himself and he should do so.

Farm management is receiving more attention than in former years and farms are being reorganized with the idea of reducing costs and increasing volume, the very same methods merchants are adopting to meet the new conditions.

Diversified Farming Reduces Failures

This reorganization is being accomplished by improving methods of production, thereby reducing costs; by increasing the number of cash crops, usually by one; and by increasing other sources of income thru subsidiary enterprises such as dairying, feeding and poultry and hog raising.

By thus diversifying his operation the farmer is reducing the hazard of crop failure, lessening the hazard of low prices and improving his position as regards the freight rate situation, because he is transforming bulky crops, on which freight charges pile up enormously, into concentrated products such as milk, butter, eggs and pork on which the transportation costs are much lower. It is much more profitable to sell corn in the form of milk, butter and eggs than to market the grain and more farmers constantly are realizing this fact.

The farmer who increases the number of his cash crops by one reduces the hazard of crop failure in that proportion. But while the farmer can and undoubtedly will help himself the injustice of the present freight rate situation must not be lost sight of nor remedies for it ignored. Its effect on agriculture and business in general is too important for that.

A Concrete Case

Let us take Goodland, Kan., for example. Mr. Todd, after most careful study, shows in a striking way the ability of a bushel of corn to buy in terms of four standard farm implements, a gang plow, a farm wagon, a grain binder and a corn binder. The analysis shows the pre-war condition on August 1, 1914 and the condition on November 1, 1921, but reflects the freight rate reduction of 10 per cent on agricultural products ordered by the Interstate Commerce Commission December 3, 1921.

"In making this analysis," said Mr. Todd, "we have, on the dates in question, taken the raw material necessary to make the implements, from the mine and forest, transported it to Moline, Ill., transported the finished implements from there to Goodland, Kan., determined the amount of freight involved in each of these transactions; then determined the amount of corn required on the same dates, as the prices prevailing at Goodland, to pay

for the implements and the freight on this corn to Chicago. The various items of freight cost are given in detail and then the sum total involved in the purchase. All freights are figured on the carload rate basis."

Here is the analysis worked out by Mr. Todd for Goodland, Kan.:

Subjects for Comparison	Aug. 1 1914	Nov. 1 1921
Farmers' price on four typical farm implements	\$490.50	\$761.00
Price of corn, Chicago	.77	.47%
Price of corn, Goodland, Kan.	.6134	.22%
Rate on implements, Moline to Goodland	.69 1/2	1.17
Rate on corn, Goodland to Chicago	.23 1/2	.39 1/2
Freight on bushel of corn	.1516	.22%
Number of bushels required to buy implements	799 1/2	3,401
Freight on raw material	32.85	65.60
Freight on implements	40.16	89.62
Freight on corn	105.23	774.75
Total freight involved in purchase	178.24	909.97

"You will note," continued Mr. Todd, "that the increase in freight on the raw materials and on the implements from factory to farmer, is nowhere nearly so important in affecting the buying power of the farmer as the increased freight on the products of the farm."

"It is absolutely impossible for any of us to get back to a normal basis of price until the cost of transportation is very materially reduced. The great difficulty in getting this readjustment now is the expense the railroads carry for labor."

"We must all work thru our Congressmen and thru a united public sentiment, to secure a readjustment of

these railroad and other costs before any of us can hope to resume business in a normal way."

"I have an abiding faith in the ability of the American people to readjust these matters. It is going to take some time to get labor costs readjusted to the new plane of living so that the farmer's purchasing power will be relatively what it was before the war. Things are going to get better from day to day and we are all facing the future with optimism, knowing that this readjustment is going to be a little slow in coming but confident that it will finally work out in the right way."

Crop Values Decline 60 Per Cent

An unparalleled decline in the average value an acre of 10 crops constituting nine-tenths of all crop production in the United States from \$35.76 to \$14.48, or 60 per cent, occurred during the two years 1919-1921, according to the United States Department of Agriculture.

In 1913 the average value an acre was \$16.49. By 1916 the average advanced to \$22.58. By far the greatest gain in one year in average value an acre for 10 crops was \$10.69 from 1916 to 1917, the average for the latter year being \$33.25. The average for 1918 was \$33.73 and in 1919 reached the peak of \$35.76. A decline then set in, the average dropping \$21.28 an acre.

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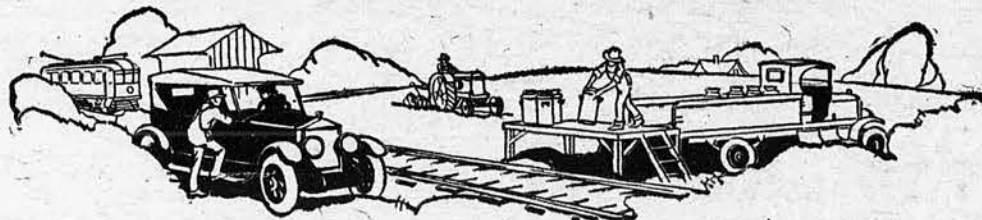
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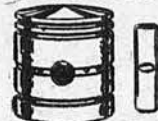


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\$1.25 LEAK-PROOF—for greatest power. Prevents loss of gas by means of its exclusive two-piece design, which creates even outward expansion all around the ring, thus maintaining equal pressure against the cylinder wall. Always install with one Superoyl Ring in the top groove.

\$1.00 Superoyl—to control oil. Its special reservoir collects excess oil from the cylinder wall on each down stroke, emptying on each up stroke, which ordinary grooved rings cannot do. Install one in top groove, regardless of which compression rings are used in lower grooves.

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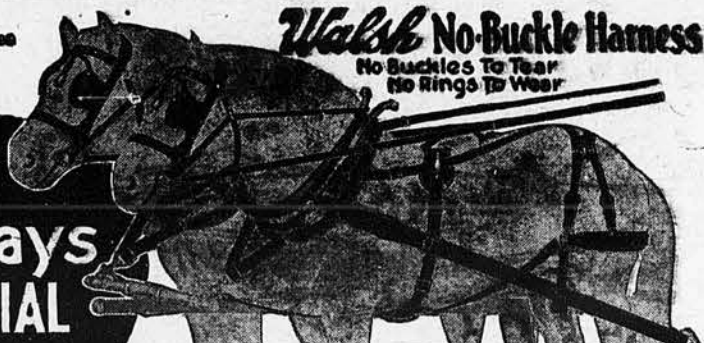
Split your next shipment, skin for skin, grade for grade, send one half to the house you've been shipping to, and the other half to Fouke at once. Let the checks tell the story. You will get more money for the half you ship to Fouke, you can bet your bottom dollar on that.

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Among the County Agents

BY RURAL CORRESPONDENTS

SAGE county has a young stockman who is a "comer," according to L. H. Rochford, county agent. Raymond Oveson of Overbrook won first place in the state purebred heifer contest for making the best record of any boy entered in the contest.

Sweet Clover Nets Him \$1,400

One Harvey county farmer raised \$1,400 worth of Hubam Sweet clover on his farm this year, according to A. B. Kimball, county agent. The seed in Harvey county is worth from \$1 to \$1.25 a pound.

Where Seed Can be Bought

The agronomy department of Kansas State Agricultural College is making up a list of those who have Sudan grass and alfalfa seed for sale. County agents of the state are making an attempt to get their farmers to list such seed.

Ford Potato Growers Organize

An organization of potato and truck growers has been formed in Ford county. Julian Helpieu, manager, recently purchased two carloads of Northern grown early Ohio seed potatoes for use of the members. The association includes 12 prominent farmers who practice irrigation in the vicinity of Dodge City.

Nemaha County Gets Miss Whipple

Miss Florence Whipple, formerly boys' and girls' club leader in Leavenworth county, has been appointed home demonstration agent to succeed Miss Fern Jessup in Nemaha county. Miss Whipple is a graduate in home economics at Kansas State Agricultural College. She resigned her position as county club leader in Leavenworth county to take up her new work.

Farm Bureau for Sherman

The newest county farm bureau in Kansas is in Sherman county in the extreme western part of the state. Forty-five persons were present at the first meeting. By the end of the week 177 farmers had signed up for farm bureau work. The executive board is composed of C. E. White, Ruleton, president; A. T. Patterson, Goodland, vice-president and O. A. Edwards of Goodland, secretary-treasurer.

For Better Livestock Shipping

A co-operative livestock shipping association has been organized at Dodge City, according to H. C. Baird, county agent. Henry Peterson who lives north of Dodge City, has been selected as manager. The organization found that there were no stock scales at the Dodge City stock yards. This will interfere somewhat in the shipping of cattle. However, the organization will make an effort to have stock scales replaced in the yards, Mr. Baird says.

Machinery Shed Proves Profitable

S. S. Teague who lives north of LaHarpe loads all manure into a spreader which he keeps under a shed just east of his barn, according to J. A. Milham, Allen county agent. When a load is accumulated it is hauled direct to the field. By keeping under shelter both manure and spreader very little leaching takes place and the spreader is protected from the weather. The spreader has been used by Mr. Teague for 12 years and is yet in good condition. He says the shed has been a good investment to him.

To Check Soil Drifting

Carl L. Howard, Ellis county agent, is urging farmers to take measures to prevent soil from drifting this spring. Mr. Howard says George Riedel, who lives southwest of Hays, has found a way to control the drift. Mr. Riedel throws lister furrows across his field 3 or 4 rods apart. This stops soil blowing and Mr. Riedel's losses have been very small since he began using this plan. Mr. Howard says other men in the county have used it. Mr. Howard says that furrows should be put thru the field about 2 rods apart as soon as the soil shows signs of drifting. He

says furrows 2 rods apart will not cut down the yield in wheat to any extent as is borne out in Mr. Riedel's case. He says his wheat last year yielded about 15 bushels to the acre.

Interesting Corn Tests

In two corn variety tests conducted in Cherokee county in 1921, Midland Yellow Dent outyielded all other varieties with an average of 33 bushels an acre. Commercial White was second with an average of 30 bushels to the acre, Iowa Silvermine third with 28.8 bushels, Pride of Saline, fourth with 28 bushels, Kansas Sunflower fifth with 27.6 bushels and Hildreth Yellow Dent sixth with 24.7 bushels.

One test was made on the farm of I. K. Patton, northwest of Columbus, and the other on the farm of Charles Mansfield south of McCune. Roy E. Gwin, county agent, says that the results of the test were reliable, judging from past experience, and show that the medium varieties, Midland Yellow Dent and Commercial White are better for the upland or second bottom soil in that section, than the larger, later maturing varieties. He also says they stand drouth better than the larger varieties.

Good Trapping Requires Study

Frequently a boy, eager to begin trapping, gets the idea that trapping is the simplest thing in the world—that all he has to do is buy a trap, set it somewhere and wait for the animals to walk in.

Trapping is easy—but it requires a little patience and study. Any bright boy or girl interested enough to take the pains to do so can become a very fair trapper in a few weeks or months.

Trapping is simply pitting your wits against the wits of animals which for thousands of years have known man to be their greatest enemy.

Therefore, when you plan to trap there are several things for you to do. The first is to familiarize yourself with every hill, nook, stream and woodland in your vicinity where animals make either temporary or permanent homes. Then when the season opens and the animals appear you can, figuratively speaking, put your finger on the places where otter, mink, skunk, weasel or other species would be most likely to be found.

Next study the habits of the animals themselves whenever the opportunity presents itself. Learn what they like to eat, when they breed, how they travel, when their fur is shedding and whether they are wary of man or friendly to him. Then you will be better able to trap them; for the men who know the habits of animals best are the ones that can trap them most successfully.

Books that the higher class fur houses in St. Louis can send you either free or at low cost will be an invaluable aid in this. Your own observations will prove of service, too.

You cannot set out to trap blindly without knowing the habits of the animals you seek. Never miss a chance to study how they live, for everything you learn will help you in your future trapping.

For instance, it would pay a young trapper to know that otters when traveling in a crowd all use the same trail; that they will leave stream beds that have been traversed too often by humans; that in trapping mink and fox, more than ordinary precaution must be taken to eliminate the human scent, and that extreme cleverness must be employed in placing and baiting the traps in order to outwit these species which are both cautious and cunning.

Begin your studies on even so lowly an animal as the skunk, which is one of the easiest to trap. In a week you can learn enough about him to prove that he is fascinating study. And the more you learn the easier it will be to trap him.

The territory around you doubtless has many fur bearing inhabitants if you will take the trouble to watch for them and find their hiding places. At present prices for furs, trapping offers big money to country boys and men—and women, too.

Modern Farming in Kansas

BY S. M. BROWNING

SOME progress very likely will be made this year in Kansas toward increasing the alfalfa acreage. It is about time! The state is down to about a million acres, and unless some effort is made to get a larger acreage we will soon lose our position as first among the states—in fact, Nebraska may be ahead right now. This state should be growing two or three times the present acreage, well distributed on the livestock farms.

'Rah for Diversified Farming

In recent months, in a time of low grain prices, it has been interesting, not to say comforting, to note that prices for dairy and poultry products have remained above the pre-war average. Farmers who have had good farm flocks and also a liberal output of dairy products naturally have been "getting by" much better than the grain men. This is almost always true—it will be the rule in the future. Why, for the Love of Mike, is it so difficult for this state to get well started on a diversified basis? We pause for a reply. Perhaps some of our readers can supply the answer; we should like to print a few good letters on this subject.

More Wood for Fuel

A larger use of wood for fuel is being made this winter in Kansas than in any recent season. This is one happy result from the antics of the more or less appreciated coal miners, and the scandalous prices which coal dealers charge. Apparently many Kansas farmers have invited them all to jump into the creek, and then have followed them down and cut a few trees for fuel. For these blessings may we give three rousing cheers, or at least a full two and a half. Kansas has not made a proper use of wood as fuel for many years, and it will be a mighty pleasing thing if from out of this seemingly never ending row in the coal business a greater appreciation of our resources at hand emerges.

A Need for Hog Pastures

Judging from present indications, there will be a big pig crop this year, which is encouraging. But how about the pastures? On many places this item is certainly well taken care of, with alfalfa, Red clover and the like, but on all too many farms this is not true. It is evident that the profits will never be adequate until proper attention is paid to getting the greatest possible amount of pork from feeds other than grain. There are many annual crops which you can grow; Sudan grass is especially effective. How is your farm equipped with pastures? Are they ample for your needs for 1922? If not, couldn't you make use of some of the annual pasture crops?

Why Not More Silos?

The lack of silos in Kansas is very real, and is a serious limitation on the agriculture of this state, especially of dairying. This is unfortunate. It also is peculiar, for as a rule farmers are well sold on the merits of silage, but there still is a disposition to hold off on erecting silos. Perhaps one reason for this is the difficulty in filling them. It seems that this can be overcome to some extent by the use of smaller crews, and the employing of the same crew in the field and at the silo. With an outfit of this kind the work can be done at a minimum of expense.

A Steady Growth in Kansas

Kansas is an agricultural state, and always will be. While there will be a considerable increase in that proportion of the population engaged in manufacturing—we hope, for it will mean a better market for farm products—still farming doubtless will remain the most important business. The increase in the population of the state has gone as follows: 1860, 107,206; 1870, 364,390; 1880, 996,096; 1890, 1,428,108; 1900, 1,470,108; 1910, 1,690,949; 1920, 1,769,257. The average number of inhabitants to the square mile is now 21.6, as compared with 20.7 in 1910 and 18 in 1900. This distribution

of the population shows that farming is supreme; as compared with many Eastern states the cities are small.

Value of Farm Lands

At the close of the Civil War the unappropriated public domain consisted of 1,470,098,812 acres. In the 50 years since 1870 this acreage has been reduced by settlement to 554,330,545 acres, and there remains of the public domain, including Alaska, unappropriated 542,511,252 acres.

There is no classification from which an estimate can be made of the proportion of these lands which is suitable for agricultural development, but it is safe to say, in general, that the remaining public lands probably are suitable for grazing and forestry except in those localities where land may be reclaimed by either irrigation or drainage.

From 1870 to 1920 the total value of land in farms and on farm buildings increased from \$7,444,054.462 to \$66,316,002.602. The value of land in farms in 1920 was \$54,829,563.059 and the value of building on farms, \$11,486,439.543. In the period from 1870

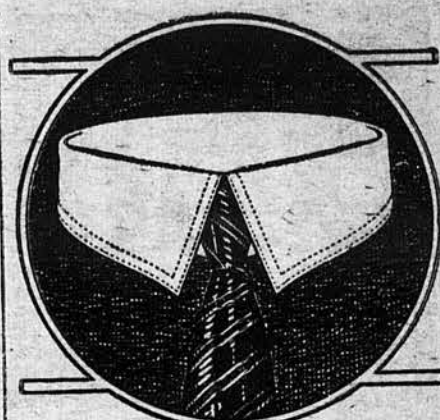
to 1920, the value per farm of land and buildings increased from \$2,799 to \$10,294. The total sum invested in farm equipment and machinery increased in the same period from \$270,913.678 to \$3,594,772,928. The total value of livestock on farms in the same period increased from \$1,229,889,609 to \$3,013,324,808. The rural population, that is, the population outside of incorporated places having 2,500 or over, decreased from 71.4 per cent to 48.6 per cent. The acre production of grains has increased at the rate of about $\frac{1}{2}$ of 1 per cent an acre annually in the last 30 years.

A Few Legal Points

A Wabaunsee county woman sued a man of the same county for a \$48 pasture bill, according to the Alma Enterprise, and the defendant brought in a counter-claim for \$108. The trial was by jury. The defendant won the verdict, which was for \$1 and costs. Query: Who was the greater loser?

Hobart Haney vs. I. B. Ira and Harry Porter, suit for recovery of money in which four head of plaintiff's cattle were killed by defendant's threshed wheat on plaintiff's land. Plaintiff asked for \$320 damages and was allowed \$165.—Gove County Republican

Query: Did the plaintiff overestimate the value of his cattle or was he a little at fault in not having them safe in his corral?



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The four vitally important items shown above are absolutely essential to cheap farm power. Not one or two or three, but all four. Farmers have been demanding them for years. OilPull is "the cheapest farm power," because it has all four. They are the points you must demand in your tractor to be sure of profitable service.

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The outstanding reason for the great success of OilPull Tractors is that the OilPull, in every part and in every function, is a perfected kerosene-burning tractor.

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Triple Heat Control positively solves the

problem of getting the power out of cheap kerosene. It makes possible an unqualified written guarantee to burn kerosene successfully at all loads and under all conditions, up to its rated brake horse power.

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There is an OilPull for every size farm and every kind of work. Our catalog describes them all. It also explains in detail the operation of Triple Heat Control and the reason the OilPull is "the cheapest farm power."

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A pair of mated Everbearing Strawberry Plants FREE if you will report your success with them. Will bear loads of big red strawberries from June to November of same year plants are set. We have been breeding Everbearing strawberries for the past 12 years and have counted 480 berries, blossoms and buds on a single plant in September. A postal will bring the plants and 4 kernels of Burbank's new Golden Pop Corn. Also our colored catalogue of "Mirrored Bell" Products with seed for a Silk Leaf Poppy (Garden thrown in for good measure). Send 10 cents for mailing expense or not as you please. Write today and get acquainted with our Hardy "Mirrored Bell" Seeds, Trees and Plants. THE GARDNER NURSERY CO., Nurserymen and Seedsmen, Box 538, Osgo, Iowa. Five Dozen genuine Progressive Everbearing Strawberry plants mailed at proper planting time for \$1.00 if ordered now direct from this advertisement.

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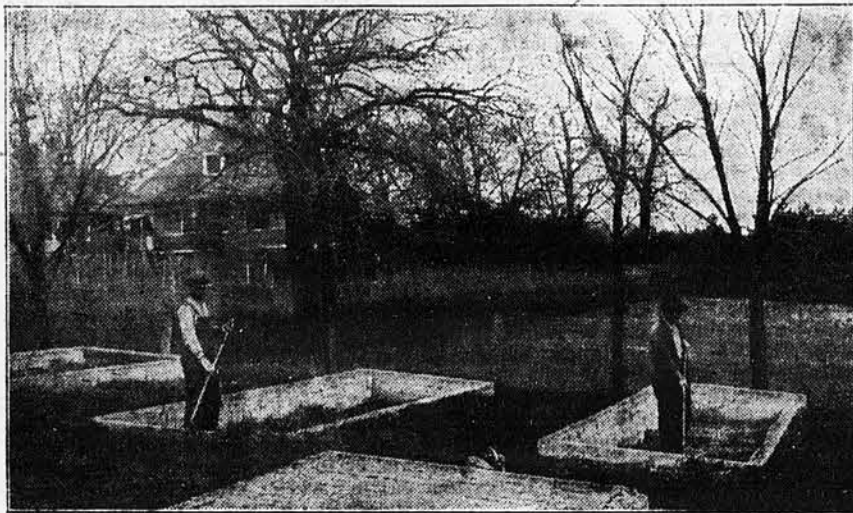
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Get the Hotbed Ready Now

Careful Construction and Management Required

BY BYRON E. CRAWFORD



FOR the average gardener the most satisfactory method of obtaining an adequate supply of early plants for setting in the open ground as soon as the weather is suitable is by the use of a hotbed and coldframe, the former for the more tender plants, the latter for the more hardy varieties, and for transplanting the tender sorts from the hotbed. The hotbed and the coldframe may be readily made and managed by any industrious person of ordinary ability.

First procure some sashes fitted with glass of fairly good size. Sashes 3 feet wide and 6 feet long are the most convenient. Three of these will cover a bed 9 feet long and 6 feet wide, which is large enough for ordinary use.

Close Fitting Joints Essential

Prepare a frame 18 inches high in back and 12 inches in front, using 1½-inch plank for this purpose. If two or more sashes are to be used, it is necessary to set brace pieces 6 inches wide across the frame from front to back, to hold the sashes and stiffen the frame. To the center of every brace piece nail a parting strip an inch or 2 inches in width to separate the sashes and make them run true while moving them backward and forward. Along each end of the frame nail a strip in such a way that it will project as high above the frame as the thickness of the sash. This will help to keep the sash in place and keep out the cold wind and snow.

Select some sheltered spot, and dig a pit 2½ feet deep. The size of the pit, and also of the frame, must be determined by the number of sashes used.

The heating material should be fresh horse manure, with an equal bulk of leaves if they can be had. The manure and leaves must be thoroughly mixed, thrown into a heap, and well trodden down. In a few days fermentation will take place, as will be indicated by the escape of steam from the heap.

The mixture should then be turned over, carefully shaken out, and formed into a pile as before. In the course of three or four days the second fermentation will occur. The material should then be placed in the pit to the depth of 2 feet, beating it firmly with the back of the fork, and treading it down thoroughly to make it of the same solidity throughout.

Place the frame over the pit, and cover with the sashes. Bank up the outside with manure, leaves, or other suitable material to keep out the cold. In two or three days plunge a thermometer into the mass of heating material, and when the temperature is about 100 degrees, pull the sashes down an inch or 2 inches to permit the escape of the steam and the lowering of the temperature. As soon as the thermometer indicates a temperature of 85° or 90° degrees, remove the sashes and cover the manure with 5 or 6 inches of soil prepared by thoroughly mixing 2 parts of good garden soil with 1 part of well rotted manure. Cover the bed again, and in a day or two the soil will be warm and ready to receive the seeds.

Coldframes may be made in the same manner as hotbeds, but without

the heating material. No pit is needed, providing the soil is good where the frame is set.

Success with hotbeds depends as much upon their proper management as upon their preparation. Sow the seed in shallow drills 4 or 5 inches apart, covering not more than ¼ of an inch with some light soil, preferably a mixture of leaf-mold and sand. Firm the soil by gently parting with the back of the spade or hoe, or by pressure with a narrow board.

Have a thermometer in the hotbed, and watch the temperature carefully, keeping it between 70 and 80 degrees during the day, if possible, and at night not lower than 55 degrees. Give plenty of air during the hot part of the day, and always cover the bed at night. If the weather becomes very cold, cover the sashes with straw mats, pieces of carpet, straw, or other suitable material.

Keep the soil moist by the use of a watering pot that throws a fine spray. The water should be slightly warm or between 75 and 90 degrees. The best time for watering is in the evening or late in the afternoon.

The Farm Home Orchard

BY D. C. MOORING

The value of a properly cared for home orchard can scarcely be overestimated. Frequently the only value attached to a home orchard is the fruit harvested. No doubt this is very important but would not be the only factor to be considered.

In the chicken lot, fruit trees will make good shade, as well as around other parts of the premises. A home with lots of nice trees around it looks much more inviting.

The educational value of a home orchard is worth consideration. The setting out and caring for the trees is instructional and again learning the variety characteristics of the different kinds of fruits is valuable. Many persons simply know that a plum is a plum and a peach is a peach and do not have the least idea of what the variety is.

It is a recognized fact that fruit is healthful. In case of the more perishable fruits, a much fresher supply can be obtained from the home orchard. Where the fruit is raised at home it will be eaten more often and in greater quantities. The small market, for instance, seldom offers peaches for sale except during the Elberta season. A properly selected list of varieties of peaches where space is available and favorable season, would furnish peaches from June to October.

The scarcity and high prices of fruit should certainly stimulate the planting of home orchards.

The surplus fruit can be dried, canned and sold. Good fruit usually commands a good price.

There is no excuse for a country home not having a year around supply of fresh or canned fruit, especially in a fruit year.

Fruit trees may be planted around the sides of the home and even in a portion of the garden. The same cultivation given the garden will answer for the cultivation of the trees. Vegetables and small fruits may be grown in between the trees for several years.



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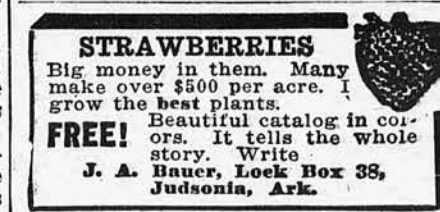
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This new annual white sweet clover does more good than any crop I know—improves the soil, fixes green manure, abundant hay crop and can't be beat for quick green pasture. In short, IT DOES IN ONE YEAR WHAT OTHER CLOVERS DO IN TWO. The seed's worth money, too. One customer raised \$21,000 worth of seed on 25 acres last season. Send me your name and I'll tell you all about it, quote you my lowest price and give you a FREE SAMPLE. Henry Field Seed Co., Box 5020 Shenandoah, Ia.

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Kanota Sets the Pace for Oats

(Continued from Page 7)

pared with 38.3 for the local varieties grown by the farmers making the test. Farm tests indicate that Kanota ripens, on the average, 10 days earlier than local Red oats varieties commonly grown in Kansas.

Kanota oats have been grown with very great success in Franklin county. A half bushel of seed was sent to F. Joe Robbins, county agent, in the spring of 1919 and it was planted on the farm of E. E. Shull, near Ottawa, in a test with Texas Red oats. It was sown at the rate of a bushel to the acre on ground that was uniformly prepared and Texas Red was sown beside it.

The Kanota oats plot was ready to cut a week to 10 days before the Texas Red oats plot and yielded 64 bushels to the acre as compared to 38 by Texas Red. The next spring Mr. Shull sowed 7 acres from this seed and gave several other farmers half bushel lots to plant.

The 7-acre tract was sown at the rate of a bushel an acre as Mr. Shull did not have enough seed to plant the customary 2 or 2½ bushels. The oats were cut before wheat harvest began. From the seed he sold 300 bushels at \$1 a bushel as it came from the machine, to Carl A. Anderson, A. J. Brady, H. E. Gillette, H. S. Gish, Frank Jennings, J. H. Kilbuck, T. G. Mathias, J. F. Staadt & Sons, E. L. Stewart and Dr. O. O. Wolf.

These farmers this year had fields of Kanota oats varying in size from 2 to 60 acres, from which the yield was from 30 to 64 bushels an acre, altho the season was unfavorable to oats because of excessive moisture at harvesting time.

County Agent Roberts, in reporting on Kanota production in Franklin county, said:

"In watching the growth of this variety of oats for the past three years I have noted these advantages: A prompt, vigorous growth from the start which tends to develop a straw of good length early in the season, which is an advantage when the season is such that oats are ordinarily very short. Kanota matures a week to 10 days earlier than Texas Red. For that reason, when the season is good for a big straw growth, the Kanota oats will stop growing and go to ripening at a time when Texas Red oats begin to shoot high. These two statements seem to contradict themselves, but it is a fact that this variety of oats will develop a better length of straw when the season is unfavorable for Texas Red and not so large a straw in the more favorable years.

"The growth is uniform, with a heavy head, which makes a good bundle, and during the past season we learned that this kind of a bundle did not get wet so much as a bundle not so well made up. The heads, lying compact, also prevent wetting in so badly. These characters were apparent, and when two of the men threshed they found that after finishing the threshing of Kanota, Texas Red oats from adjoining fields were yet so wet they could not handle it successfully.

"Kanota is very heavy in a favorable year and we have had tests as high as 36 pounds a bushel. This factor is a benefit in starting the oats off good when planted. The Fulghum variety of oats is 50 per cent more resistant to early frost or freezing damage, as was demonstrated last spring by actual count where the Texas Red and Kanota oats were sown at the same rate on the same date side by side on ground similarly prepared.

"Kanota or the new improved Kansas Fulghum, has demonstrated the fact that it is not necessary for our farmers to ship in new oats every two or three years from the South. By giving our own seed a good cleaning we are in a position to ship out seed instead of shipping it in, and this one factor will be worth thousands of dollars to the farmers, not only of Kansas, but of parts of Missouri, Illinois, Indiana, Kentucky and Ohio."

Press Pickups About Farming

Now the agricultural bloc is going to get its turn in the limelight. It's about the first time the farmer ever had a chance in a large legislative way, and no sooner does he begin to accomplish something in the matter of

legislation, especially legislation which gives him a fighting chance, than all the country holds up its hands in horror because of class legislation. There has certainly been no injustice done by anything accomplished by the bloc so far.—California Cultivator, January 14.

"Light Breaks in Washington" is the title of an editorial in Pacific Rural Press for January 14, which says in part: "It is a very significant fact that such agricultural writing as Mr. Baruch's should appear in the old-time literary magazine. . . . It is significant because not many years ago such writing could only find entrance to agricultural publications. The 'literary' magazines first took agricultural science in small doses; then they began taking agricultural practice—much of it wonderfully pumpkin-colored; now they do not consider their 'contents' complete without lots of agricultural economics and they are becoming keen for agricultural politics! Surely the world is moving farm-ward; the farmer is making a deep chuck-hole in the highway of the public mind and 'literary fellers' must fill it or burst their tires. . . ."

The general level of wholesale prices remained stationary thruout November and December, the Bureau of Labor Statistics of the Department of Labor announced January 19. The Bureau's weighted index number, with the 1913 price level denoted by 100, stood at 149 in these two months, with the prices of 327 commodities considered. Foodstuffs, farm products, cloths, clothing, chemicals and drugs showed a declining tendency, most pronounced in such articles as cattle, hay, hops, peanuts, butter, cheese, eggs, lard, lemons, oranges and sugar. Metals and house-furnishing goods were listed as unchanged, while fuel prices showed a slight increase and building materials advanced 3 per cent in December over the November level.—Press, January 20.

The Farm and Dairy of Peterboro, Ontario in the Dominion of Canada in its issue for January 12, presents the following account of the agricultural bloc in the Congress of the United States: ". . . This 'agricultural bloc' is the result of exactly the same conditions that gave rise to the Farmer's Movement in Canada—the shaping of all legislation to aid in the development and expansion of urban industry, frequently at the expense of the farmer. The actual formation of the bloc was the result of the difficult conditions that followed the war. The collapse of the cotton market utterly demoralized the agricultural South, while the collapse of wheat and corn was almost equally disadvantageous to the agricultural West. The farmers, newly organized in the Farm Bureau movement, demanded that their representatives in Congress get busy on their behalf, and a new force was born in United States politics. In the main, the legislation introduced by the 'agricultural bloc' has been sane and reasonable."

This Lawyer Charges No Fee

The argument was getting rather warm. It was over the form of a lease. Each man was sure he was right.

Seeing there was no chance for an agreement, Bill finally said: "Well, let's leave it to a lawyer."

"That's a go," said Henry. "I've got one in the house; we'll ask him." The Vest Pocket Lawyer was consulted. It settled the argument right off the bat.

That little book is filled with legal information. Questions of law frequently come up on the farm. Often there is no time to consult an attorney and it is necessary that the point be properly settled.

Pay a 50-cent fee and have all your legal questions answered and gain a knowledge of law besides. On receipt of 50 cents, mailed to the Book Editor, The Kansas Farmer and Mail and Breeze, Topeka, Kan., the Vest Pocket Lawyer will become a member of your family, arriving by return mail.—Adv.

The world's best matadors, Vincente Segura, Rudolfo Gaona, Juan Belmonte and Sanchez Melias, have signed contracts to appear in Mexico City, Mexico, during the bull fighting season at Christmastime. The bull ring in that city seats 23,000, with accommodations for 5,000 more if they care to stand.

One third of your life is allotted to sleep. Do you get your share?

The most important period in the process of applying nutrition to the repair of the body is while you are asleep. For the most favorable transformation of digested food into nerve and cell tissue, so doctors tell us, sleep is absolutely essential.

Is it any wonder that those who suffer from lack of proper sleep are weak, pale and lacking in energy or ambition?

One of the causes of insomnia is nerve-irritation from tea and coffee drinking. Tea and coffee both contain caffeine, which has a tendency to cause undue stimulation. The irritating effect of caffeine often results in insomnia, depression, and a weakened nervous system.

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Jayhawker's Farm Notes

By Harley Hatch

DESPITE frequent predictions of rain or snow by the weather bureau little moisture comes. Wheat still appears in fair condition altho opinions differ greatly as to the actual condition of the plant. Some say we need little or no moisture during the colder months and that wheat is in the best of condition, while others say wheat is suffering and that the yield is being cut short by the extreme drouth. We are not experts enough to judge but believe that wheat is still alive and that favorable weather soon will put the crop in at least average condition. Wheat brings from 95 to 98 cents locally and feeders are still paying 50 cents for corn. Farm produce prices have been cut squarely in two of late, local buyers quoting but 22 cents for butterfat, 15 cents for country butter and 23 cents for eggs. Cold storage stocks of eggs are said to be large which will operate to keep fresh egg prices down for the rest of the winter.

A Word About Hay Tools

A letter from Hooker, Okla., says that the writer has a considerable tract of hay land but so far he never has used a stacker, and he writes, asking about hay tools. About 10 years ago hay stackers were largely used in this county but with the advent of higher hay prices, which took place about 1911, there was much less stacking—done as hay was worth too much to let it stand out in the weather.

During the last 10 years nearly all the hay in this county has been baled from the windrow and stored under cover. During that time most of the stackers, which were too large to be put under a shed, either rotted down or are unfit for use without repairs. A few stackers were taken down and stored but most of them have taken the weather, unused, for the last 10 years. But with the drop in hay prices of the last two years, stacking hay is coming into fashion again here as baled hay will not bring enough in city markets to pay expenses.

Hay Stackers Save Work

It is by far the best, if hay must be stacked, to stack it with a stacker than to pitch it to the stack by hand. The hand pitched stack cannot be carried up as high nor as well as the one made with a stacker. In addition the stacker will do the work of at least three pitchers and even more when the stack gets up. We know of two or three stackers yet in use here where the stacks are so well put up that little or no loss results from the weather so long as the stack remains untopped. When the top is removed and hauling begins there is often loss in a wet time unless the top is removed after every rain. If hay must be stacked I am strongly in favor of the stacker as it will put hay in the stack much better and at a less cost than hand pitching. The stacker is not a costly implement compared with the saving it makes in wages. I am also in favor of the 6-foot cut mower; we have used one for the last six years and find that the draft is but little more than that of the 5-foot machine.

Cleaning Up the Deadwood

During the recent cold weather we have been cleaning up the dead timber along the creek which runs thru this farm. This was not done last winter as we had 80 rods of heavy hedge to cut at that time and so we are finding more dead stuff than ordinarily. A hard wind which swept thru this locality last summer tipped many trees over into the creek, their roots having been badly washed out in former times. The creek is dry now and it

is a good time to get this wood out altho it makes much extra work, the creek banks being too steep to use a team in hauling out the wood. It has to be cut in short lengths and "boosted" by main strength to the top of the bank. Even at that we are making wood pretty fast, two men with axes and a saw getting it out as fast as one team can haul it. We find that the new 30-inch buzz saw is a fine reducer of wood when it is pulled by a 10-20 tractor.

Better Demand for Farm Stuff

Prices being paid for farm property at public sales here of late are fully 30 per cent higher than were paid for the same class last fall. Most farmers are beginning to think that cattle are to be good property during the next three years and as a result they sell very much better than they did three months ago. At a sale a few days ago a cow that will be fresh this spring but of common grade stock and quality sold for \$67. Few cows now sell for less than \$40 to \$45 and I do not think they will lose their buyers any money if they bring calves this spring. Farm machinery also sells much better than it did.

Coal Shipments are Small

The coal shipments into this county perhaps have been the smallest this winter of any similar period in the last 20 years. Much of the coal that has been used comes from local mines located in the north part of the county. The same coal is also largely mined in adjoining southern part of Osage county. This is a very good quality of coal and it sells at the mines for \$3.75 a ton. It is probably the cheapest coal to be found in any prairie section of the West. One man from outside the state remarked this week that we seemed to be pretty favorably situated in this part of Coffey county this winter as compared with most of the West, for corn was the highest in price here of any locality he had visited and coal was the cheapest. Many of the nearby towns have been using this cheap coal this winter, having it hauled to them by truck. It makes work for the local miners and truck haulers and at the same time gives the consumers cheaper fuel than they could get elsewhere.

The Motor Car License Funds

To judge from the letters we have received there is a great deal of interest over the state regarding the alleged power of the state highway commission to take unused motor license funds from one county and use them in another. Such action was threatened by hard surfaced road advocates at the recent road meeting in Coffey county. We have been informed that no such action is allowed by law. Representative C. W. Coffman, of Osage county, writes as follows: "There is nothing in the law that will permit such unjust action. Osage county is letting the fund accumulate with the intention of going before the next legislature and asking for a law that will permit the use of it on county roads under the direction of the county commissioners." A friend writes from Mitchell county saying that they have 10 miles of concrete roads in that county built at peak costs largely because of the same threat of losing supposed aid funds. My informant says that good improved farms of rich bottom land have not made a total production large enough this year to pay the benefit road tax alone. This road is stated to have cost \$50,000 a mile and the share which adjoining land is called upon to pay can scarcely be anything less than ruinous at present prices for farm products.

Think You Can Spell?

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



\$100 Cash Prize—Try It!

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

RULES Any man, woman, boy or girl in the United States residing outside of Topeka may take part in this prize Spelling Club. Write as plainly as you can. Make as many words as you can out of "MARKET." A few of the words you can make: Eat, Rat, Ear, Take, Rake, Tare, Etc. Do not use more letters in the same word than there are in the word "MARKET." For instance, don't use the word "meet" because that takes two E's and there is only one E in "MARKET." Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike, but with different meanings will be counted as one word. Your list will not be accepted in this Spelling Club unless you send in a one-year subscription to Capper's Farmer accompanied by a remittance of 25c. In the event of a tie between two or more Club Members, each tying Club Member will receive a prize of the same value in all respects to that tied for. This Spelling Club closes February 25, 1922, and as soon as your list of words with remittance is received we will acknowledge the order, and the winner will be announced as soon after the closing date as the three judges can determine to be the best of their ability who has submitted the largest list of correctly spelled words. The judges' decision will be final and Webster's New International Dictionary will be used as authority.

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

CAPPER'S FARMER, Spelling Club Dept. 24, TOPEKA, KANSAS



Hard Times Can't Stop Them

(Continued from Page 9)

Championships—Senior and grand champion bull: Carpenter & Ross on Maxwellton Monarch. Junior champion bull: A. B. Campbell on Sultan Stamp. Senior champion cow: Maxwell-Miller Cattle Co. on Max-Mill Myrtle. Junior and grand champion cow: Maxwell-Miller Cattle Co. on Max-Mill Susan.

Groups—Senior herds: 1. Carpenter & Ross; 2. Scofield; 3. Dawe & Son. Junior herds: 1. Maxwell-Miller Cattle Co.; 2. Allen Cattle Co.; 3. Tomson Bros.; 4. Campbell; 5. Carpenter & Ross; 6. Regier. Calf herds: 1. Tomson Bros.; 2. Allen Cattle Co.; 3. Maxwell-Miller Cattle Co.; 4. Carpenter & Ross; 5. Scofield; 6. Regier. Get of sire: 1. Carpenter & Ross on get of Revolution; 2. Maxwell-Miller on get of Princely Stamp; 3. Tomson Bros. on get of Marshal's Crown; 4. Allen Cattle Co. on get of Meteor; 5. Maxwell-Miller on get of Lothian Marmion; 6. Carpenter & Ross on get of Rodney; 7. Scofield on get of Baron's Dale; 8. Campbell on get of Fair Acres Stamp; 9. Regier on get of Maxwellton Mandolin. Produce of dam: 1 and 3. Carpenter & Ross; 2. Allen Cattle Co.; 4. Salter; 5. Regier; 6. Campbell.

Hereford Cattle

A remarkable thing about the show of Herefords was that of the 17 exhibitors, about half had never shown at Wichita before; some were showing Herefords for the first time; nearly all the old time exhibitors were absent. This condition did not prevent an exceptionally good show, rings of 10 to 15 animals coming out in many cases. That the new contestants for Kansas prizes and publicity had ample license for their ambition is shown by the fact that nearly every championship and first prize was won by a breeder who never before had made such winnings in the Kansas National. The Kansas National Hereford Show has not had the official support which its importance always has justified but the strategic importance of this show to the Hereford business is too great to be overlooked, and apparently enterprising breeders always can be found to come in and cultivate the business which they most certainly can get by a proper following up of their enterprise.

Judge—E. G. Good, Kansas City, Mo.

Exhibitors—Thomas R. Early, Kansas City, Mo.; W. T. Leahy & Sons, Pawhuska, Okla.; T. J. Leahy & Son, Pawhuska, Okla.; W. J. Brown, Fair River, Kan.; Klaus Bros., Bendena, Kan.; Ken Caryl Ranch, Littleton, Colo.; Goernandt Brothers, Aurora, Kan.; G. L. Matthews & Sons, Kinsley, Kan.; Moore Farms, Gardner, Kan.; A. L. Reed, Carbondale, Kan.; W. H. Schlikau, Haven, Kan.; W. H. Tonn, Haven, Kan.; Biggs & Payne, Wainwright, Okla.; Mark G. Brown, Wilmore, Kan.; Heath Hull, Eureka, Kan.; Paul Junod, Vermillion, Kan.; Gollgrazier & Funk, Larned, Kan.

Bulls—Aged: 4 shown: 1. Goernandt Bros. on Worthmore; 2. Moore on Fairland Fairfax 2nd; 3. Junod on Bonnie Model; 4. Goernandt on Excellent Ione 9th. Two-year-olds: 7 shown: 1. Matthews on Regulator 1st; 2. Ken Caryl on Maquise Fairfax; 3. Early on The Anxiety; 4. Goernandt on Polled Harmon 7th; 5. Klaus Brothers on Beau Onward 86th. Senior yearlings: 5 shown: 1. A. L. Reed on Modest Domino 1st; 2. Matthews on Regulator 12th; 3. Klaus on Beau Onward 99th; 4. T. J. Leahy on Franklin Rupert; 5. Schlikau on Roy Fairfax. Junior yearlings: 15 shown: 1. Hull on Hazford Bocaldo 12th; 2. Ken Caryl on Carroll Domino; 3. Biggs & Payne on General Mischief; 4. Moore on Dale Fairfax; 5. Matthews on Regulator 23rd; 6. Hull on Prince Laurel; 7. W. J. Brown on Avondale 2nd; 8. Gollgrazier & Funk on Independence; 9. T. J. Leahy on Bon Avon. Senior calves: 16 shown: 1 and 2. W. T. Leahy on Bocaldo 10th and L's Don Perfect; 3. Biggs & Payne on Mischief Lad 2nd; 4. Matthews on Regulator 30th; 5. Ken Caryl Ranch on Stephen Fairfax; 6. T. J. Leahy on Repeater 2nd; 7. Riggs & Payne on Alf Mischief; 8. W. J. Brown on Avondale, Jr.; 9. Junod on Repeater's Bonnie. Junior calves: 11 shown: 1. T. J. Leahy on Repeater 4th; 2. Early on Diamond Anxiety 5th; 3. Goernandt on Harmon's Worthmore; 4. Biggs & Payne on Clark's Mischief 4th; 5. Klaus on Beau Onward 110th; 6. Ken Caryl on J. C. Fairfax; 7. and 8. Matthews on Regulator 35th and Regulator 36th; 9. Biggs & Payne on Carl Mischief 5th.

Cows—Aged: 7 shown: 1. Ken Caryl Ranch on Dorothy; 2. Junod on Miss Repeater 74th; 3. Early on Mahala J.; 4. Klaus on Miss Onward 53rd; 5. Moore on Donna Fairfax 5th. Two-year-olds: 1. Ken Caryl Ranch on Queen's Mischief; 2. Klaus on Miss Onward 73th; 3. and 4. Moore on Fairland Fairfax 21st and September Morn; 5. Early on Belle Diamond 6th. Senior yearlings: 5 shown: 1. Klaus on Miss Onward 3rd; 2. and 3. Hull on Ella Domino 2nd and Pearl Domino; 4. and 5. W. J. Brown on Eunice Fairfax and Olus Avondale. Junior yearlings: 12 shown: 1. Ken Caryl Ranch on Chrystal Mischief; 2. Moore on France Lassie 2nd; 3. Klaus on Miss Onward 89th; 4. W. T. Leahy on Betty Randolph; 5. T. J. Leahy on Ethel Sturgiss; 6. and 7. Matthews on Branch and Cherry; 8. Biggs & Payne on Belle Mischief 5th; 9. Schlikau on Betty Fairfax. Senior calves: 11 shown: 1 and 2. Ken Caryl Ranch on Lady Domino 8th and Rebecca 2nd; 2. W. T. Leahy on Lady Sturgiss 15th; 4. Hull on Marietta Beau Best; 5. Klaus Bros. on Miss Onward 93rd; 6. Early on Harris Princess 200th; 7. and 9. W. J. Brown on Rupert's Lassie 23rd and Rupert's Lassie 18th; 8. Biggs & Payne on Belle Mischief 14th. Junior calves: 12 shown: 1. Moore on Belle Plane Visage; 2. Hull on Annabel Paragon; 3. and 6. Ken Caryl Ranch on Princess Fairfax 2 and Silver Perfect; 4. W. T. Leahy on Lady Perfect; 5. Klaus on Miss Onward 94th; 7. and 8. Matthews on Lady Regulator 7th and Lady Regulator 9th; 9. Biggs & Payne on Belle Mischief 13th.

Championships—Senior and grand champion bull: Matthews on Regulator 1st. Junior champion bull: Hull on Hazford Bocaldo 12th. Senior champion cow: Ken

Caryl Ranch on Queen's Mischief. Junior and grand champion cow: Ken Caryl Ranch on Chrystal Mischief 2nd.

Groups—Senior herds: 4 shown: 1. Ken Caryl Ranch; 2. Moore; 3. Klaus Brothers; 4. T. R. Early. Junior herds: 1. Matthews; 2. Klaus Brothers; 3. W. J. Brown. Calf herds: 1. W. T. Leahy; 2. Matthews; 3. Klaus Brothers; 4. T. J. Leahy; 5. Biggs & Payne. Get of sire: 1. Matthews on get of Repeater 126th; 2. Moore on get of Protector Fairfax; 3. Klaus on get of Beau Onward 18th; 4. Goernandt Brothers on get of Polled Harmon; 5. W. J. Brown on get of Avondale. Produce of dam: 1. Klaus; 2. Goernandt; 3. T. J. Leahy; 4. Biggs & Payne; 5. Matthews.

Fat Cattle

As an exhibition of single entries of fat cattle the Kansas National Livestock Show has not taken a rank of any importance but this year's turnout of calf club entries in connection with the steer show suggests a lead which the management can follow to success. The participation of 29 Kansas schools in a contest for livestock judging indicates the field for working up an amateur show of fat calves and yearlings.

Judge—W. L. Blizzard, Stillwater, Okla.

Exhibitors—Biggs & Payne, Wainwright, Okla.; Frank Scofield, Hillsboro, Tex.; Park E. Salter, Wichita; Hoar Brothers, Carrier, Okla.; Richard Jones, Miltonvale, Kan.; Vern Lyne, Oak Hill, Kan.; Glen Lyne, Oak Hill, Kan.; Paul Chilene, Miltonvale, Kan.; John Regier, Whitewater, Kan.

Senior Yearlings—1. Hoar Brothers on Pleasant View Lass, Shorthorn heifer; 2. Frank Scofield on Lavender Anoka, Shorthorn heifer.

Junior Yearling—1. Park E. Salter on Midian Mascot, Shorthorn steer; 2. Vern Lyne on Black Beauty, Angus heifer; 3. Glen Lyne on Black Vell, Angus steer; 4. Richard Jones on Captain, Angus steer.

Senior Calves—1. Scofield on Lackawanna Kate, Shorthorn heifer; 2. Biggs & Payne on unnamed Hereford steer; 3. Paul Chilene on Prince, Angus steer.

Junior Calves—1. Biggs & Payne on unnamed Hereford steer; 2. Scofield on Lackawanna Jack, Shorthorn steer; 3. Hoar Brothers on Major, Shorthorn steer; 4. John Regier on Master Paramount, Shorthorn steer.

Championships—Grand champion: Frank Scofield on Lackawanna Kate, purebred white Shorthorn heifer.

Percheron Horses

Very much to the astonishment of the Illinois judge, the Percheron show brought out exhibits from 15 Kansas studs, yet reference to the Percheron records will show that Kansas holds high rank among the states for the number of Percherons and Percheron breeders. The home state exhibitors, with the co-operation of one from Oklahoma, put up a creditable show, as many as a dozen animals being brought out by some of the rings. The feeling is almost universal that the farm power situation will bring an early upturn in the affairs of those who are breeding the right kind, and that the effort necessary to make this show is justified by conditions.

Judge—George A. Heyl.

Exhibitors—J. T. Schwalb, Baldwin, Kan.; William Branson, Overbrook, Kan.; Edward Nickerson, Leonardville, Kan.; H. L. Salmon, Fowler, Kan.; A. H. Taylor & Son, Sedgwick, Kan.; H. H. Glenn, Newton, Kan.; C. F. Molzen, Newton, Kan.; H. G. Eshelman, Sedgwick, Kan.; C. R. Soward & Son, Baldwin, Kan.; P. E. Lill, Mt. Hope, Kan.; J. D. Wheatcroft, Uteka, Kan.; J. E. Robinson, Towanda, Kan.; I. E. & R. M. Bush, Wellington, Kan.; F. A. Heberling, Ponca City, Okla.; D. F. McAllister, Topeka, Kan.; H. H. Funk, Argonia, Kan.

Stallions—Aged: 12 shown: 1. Soward on Bon; 2. Eshelman on Carmet; 3. and 4. Taylor on Gralee and Sergeant; 5. Glenn on Uncle Sam. Two-year-olds: 3 shown: 1. Schwalb on Trancell; 2. Rusk on Cowa; 3. McAllister on Meritt. Yearlings: 1 shown: 1. Branson on Helix; 2. Rusk on Glacis II; 3. Schwalb on Captain; 4. Rusk on Comet; 5. Eshelman on Car Victor. Foals: 5 shown: 1. McAllister on Tracy; 2. Heberling on Komar; 3. Glenn on Romeo; 4. Heberling on Kolap.

Mares—Aged: 12 shown: 1. Salmon on Princess; 2. Eshelman on Caroline; 3. Heberling on Impudence; 4. Funk on May; 5. Glenn on Josephine. Two-year-olds: 10 shown: 1. Eshelman on Daisy; 2. Soward on Martha; 3. Branson on Doris; 4. Schwalb on Etta; 5. Molzen on Cora. Yearlings: 8 shown: 1 and 2. McAllister on Budell and Phyllis; 3. Eshelman on Helen; 4. Robinson on Princess. Filly foals: 8 shown: 1. Branson on Cassie; 2. McAllister on Mildred; 3. Molzen on Queen; 4. Eshelman on Christine.

Championships—Senior champion mare: Eshelman on Daisy. Junior and grand champion mare: McAllister on Budell.

Groups—Herds: 1. Schwalb; 2. McAllister; 3. Eshelman. Produce of dam: 1. Branson; 2. and 3. McAllister. Get of sire: 1. Rusk; 2. Branson; 3. Molzen.

Shropshire Sheep

If I sought to illustrate one of the compensations of nature, I would use the sheep situation in Kansas. Here the reticent ovine has as its never failing champions two of the most wholesomely aggressive men in the livestock business, "Andy" Paterson, sheep specialist of the Kansas Agricultural College, and O. A. Homan of Peabody. Without them, people have come to believe, there would be no sheep shows. To be sure there are other good flock owners, but owner-

(Continued on Page 27)

STEADY SAWING—AND GOODYEAR BELTS



"In my twenty years of farming, twelve years of it with different kinds of belting, the only belt I have ever had that would drive a saw resistlessly through two-foot box elder and ash is the Goodyear Klingtite Belt. The one I have, has been performing faultlessly for four years now."—J. W. CURTIS, Farmer, Little Sauk, Minnesota

"Say nothing, but saw wood" is the motto of the farmer who has a Goodyear Klingtite Belt. His belt troubles, from slippage and shrinkage and breakage, are over. He has a powerful, close clinging, long wearing belt.

The Goodyear Klingtite Belt is efficient and economical because it is specially designed and constructed for farm power service. It is built sturdily to stand the sudden stresses to which farm belts are subjected. It is built to endure changing weather conditions.

It needs no breaking in. It requires no belt dressing. It runs with a loose, free action that favors the engine bearings. It does not stretch or shrink so as to require frequent re-setting of the engine. It wears evenly, without a trace of ply separation, and lasts a long, long time.

You can get Goodyear Klingtite Belts from your Goodyear Dealer for any farm power drive. For further information about Goodyear Klingtite Belts write to The Goodyear Tire & Rubber Company, Akron, Ohio, or Los Angeles, Calif.

GOOD YEAR

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STEEL STEEL GATES

Of all things needed to make the farm pay, good fence is the most important.

Use American fence. Big, heavily galvanized wires, springy, mechanically hinged joints, bull strong.

American fence and American or U. S. steel posts make the ideal combination for a life-time service. American and U. S. posts are driven like stakes and anchor themselves.

Save Money by Buying Quality and Weight

We make heavy fences—fences made of large, substantial wires—because we believe in them; because we can stand back of them; because we know the years of service they will give to the farmer who buys them; because large wires will take a heavier coat of galvanizing and are thus better protected for years of service.

We also make light weight fences, of small gauge wires. Because the trade demands them. While our light weight fences are the best on the market—best in quality of steel and quality of galvanizing, we do not believe they will give as good service as the heavier fences.

Heavy, substantial fence is by far the cheapest in the long run.

Dealers everywhere. See them and get prices. They have a stock on hand for quick delivery. Get new catalogue illustrating many kinds of fences, gates and posts for every purpose.

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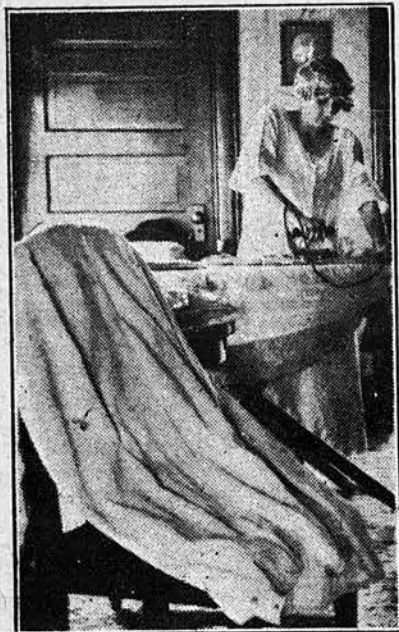
Mrs. Ida Migliario
—EDITOR—

What One Community Has Done

BY FRANCIS DRATH

A community of "live wire" farmers can accomplish more than all the statesmen in the world, toward the betterment of conditions in their field of activity. Altho their accomplishments may not be heralded all over the world, their efforts toward improvement and their thoroughness will be of inestimable value to their fellow men.

The comforts of electricity are one of the most enjoyable pleasures of this



Ironing with Electricity Isn't Hot Work

time. The farmer's wife and family say: "If only we could have electricity to light the house and barn, and to turn the washing machine, churn, fan and other electrical devices that comfort the modern housewife! Isolated here we cannot have anything but a gasoline engine which requires a man to operate or an expensive power plant of our own."

This set the farmer to thinking. The expense of installing a light plant would be too great for the amount of convenience it rendered. What could he do? The question was answered by the example of Ludell, a small town in Western Kansas, which is too small to support an individual light plant, and is 7 miles from Atwood, the nearest town having electric lights.

The leading citizens of the town held a meeting to discuss the project of bringing the power from Atwood. An electrical engineer was called and answered all questions which they desired to ask. The project was too expensive for them to handle alone. The farmers along the route of the proposed line were asked to come to the next meeting.

A company was then organized, and shares were sold at \$100. Atwood offered to provide the power at 7 cents a kilowatt. The charge Atwood made her citizens was 15 cents a kilowatt, so Ludell decided to do the same and keep the profit toward paying for the line, expenses and dividends.

Each man was allowed one share for his home and one for his place of business. Added to this the farmer had to buy his own transformer and wire his house. The town people had to add enough to pay for the transformer that supplied the town. If any one now wishes to have the night and day service, they must buy a share and pay in a like amount toward the transformer. Altho the transformer is paid for now, this money goes toward the dividends of the chartered members.

The entire expense amounted to a little more than \$150 for town people, while the farmers' account amounted to more or less, according to the size of transformer he purchased.

An electrical engineer was hired and in less than six months after the organization of the power company, the town was lighted by electricity. Last

summer, while the harvesters worked in the heat of the July sun, the farmer's wife toiled in the cool breeze of an electric fan and ironed with an electric iron.

The majority of the light bills are less than \$2.50 a month even for farmers whose barns and other buildings are lighted. At the end of the first year, a dividend was paid back to the stock holders.

Now the farmers, in a line for 10 miles north of Ludell, are organizing a company and intend to light their farms. Another community east of Ludell is also organizing for the same purpose.

When One Cup Equals Four

BY MRS. NELL BEAUBIEN NICHOLS

More than one bride has shed tears as she watched the cooking rice swell and fill all her kettles and pans. This experience, altho unpleasant, is one of the most impressive ways of learning that 1 cup of rice when cooked measures about 4 cups.

The method used in boiling this cereal greatly influences its taste and appearance. After the kernels have been washed until the water is no longer whitened by them, they are placed in a large quantity of rapidly boiling salted water.

If the grains stick to the kettle, they may be stirred with a fork. Usually they are tender after boiling 20 minutes.

Then the rice water is drained off and saved for use in gravy or soup. Cold water is poured on the cooked grains and then off again. This prevents the pieces from sticking together. Then the rice is placed in the oven to reheat.

Rice is a starchy food and therefore is an excellent accompaniment to meat. It is equally delicious when

the rice. Then add the sugar, whipped cream and salt. Set in a cold place to harden.

Spanish Rice

2 thin slices bacon 1/2 teaspoon chili
1 onion pepper
1 teaspoon salt 2 cups boiled rice
2 cups tomatoes 1 egg

Cut bacon in small pieces with onion, fry until very hot, add rice to hot bacon, stir constantly until slightly brown. Add tomatoes, chili pepper and salt. Place in a dish and garnish with slices of egg boiled until hard.

Rice Cakes

2 eggs 1 tablespoon melted
Pinch salt butter
1 cup milk 3/4 cup flour
1 cup rice

Pour milk over rice and salt, add yolks of eggs beaten until thick and lemon color, butter, and flour. Fold in whites of eggs beaten until stiff and dry. Shape in small round cakes. Fry until nicely browned.

Rice With Bacon

3 cups cooked rice 2 eggs beaten
10 slices bacon Salt and pepper

Fry or bake bacon until crisp, pour off half the fat, and put the bacon aside. Mix together the eggs and the rice, add salt and pepper to suit taste. Pour into hot bacon fat left in frying pan, and scramble. Heap in a mound on platter, and surround with bacon which has been kept in warm place.

Rice and Cheese

3 cups boiled rice 3 teaspoons butter
3 egg whites 1 cup milk
Cracker crumbs Pinch salt
1 1/2 cup cheese

Butter a baking dish and sprinkle with cracker crumbs. Place the rice in a bowl and beat until light. The rice should be warm. Add the egg whites beaten until stiff, and beat these together. Spread in one-third of the rice, sprinkle thickly with one-third of the cheese, dot with butter and sprinkle with cracker crumbs. Repeat until three layers are made.

REMEMBER the country school that sat on the top of a lonely hill. Where the winter winds would whistle thru the cracks at each window sill?

Remember the old scarred bench you had to serve as a desk and seat: The funny old stove that roasted your face and froze your back and your feet?

Remember the shivery, rough pine floor, the black-boards shiny and thin: The cup that hung by the rusty pail, both battered and made from tin? Remember the sternly efficient maid, or master with visage grim. Who tried to teach us the old three R's at the point of a hickory limb? Remember the one big map that hung on the wall, with holes worn thru: And Webster, our only reference book, with an almanac, maybe, or two?

Come, let us go back to the old school house and see what the years have done

Since the days we trooped down its sagging steps in the wake of the setting sun.

The ground that once was a barren patch affects us with quick surprise. For neat little beds of flowers there will blossom 'neath summer skies. There's a tennis court at the southern side, with basket ball at the rear. A diamond where once we played "old cat," with shade trees sheltering near.

The building itself has strangely changed, now white, not a dingy gray. With walks outside and cemented steps and a cloak-room as entryway. Inside the school it is queer to note the curtains and potted plants. And the soft green walls with their pictures gay the looks of the room enhance;

The desk and seats are the latest kind, built so that the large and small May rest their feet on the smooth oiled floor; a fountain stands near the wall.

The boards of slate, and the fresh, clean maps, and the books, row after row

On the corner shelves, make you rub your eyes and wonder if it is so. The basement harbors a furnace now; the teacher's a graduate Of a Normal Class—in fact the school is a model, and up-to-date!

—Velma West Sykes.

served as a dessert in combination with fruits, cream or gelatin.

Glorified Rice

1 cup pineapple juice 2 cups cold boiled rice
1 package lemon 1 cup whipped cream
gelatin 4 tablespoons sugar
1 cup boiling water 1/4 teaspoon salt

Dissolve the gelatin in the water, and add the juice of canned pineapple or some other fruit. When cool but still in liquid form, whip to the consistency of whipped cream. Fold in

Then pour in the milk and bake 30 minutes in a moderate oven.

Rice Muffins

2 1/2 cups flour 1 egg
3/4 cup hot cooked rice 2 tablespoons melted
5 teaspoons baking butter
powder 1/2 teaspoon salt
1 cup milk 2 tablespoons sugar

Mix and sift dry ingredients; add one-half milk and the well beaten egg, then the remainder of the milk and rice. Beat thoroly. Add butter. Bake in buttered muffin tins.

Grown Folks Need Recreation

BY MRS. VELMA WEST SYKES

Put the children to bed early. They need the sleep and you need the quiet after a tiresome day of administering to their wants and settling their little differences. Then, too, you and your husband need to have your evenings together without the disturbing element the children are bound to make. Daddy and mother can tell them stories, sing to them, or romp with



The Children Go to Bed Early.

them for what Longfellow has called the "Children's Hour." Then when they have all been tucked into bed, you can sit together to read or talk.

Get someone to stay with the children and treat yourselves to a little recreation occasionally. The best parents are not the ones who devote themselves to their children so that they never get time to recuperate. We are all better off when we take a certain amount of outdoor recreation. The best parents are those who keep physically and mentally fit.

Window Opens Into Ice Box

This is the time of year when we can let the weather take the place of an ice box. A clean, new egg case, lined with oilcloth and covered on the outside with heavy pressed paper, and then with oilcloth, makes an excellent cooler. Give this a coat of white paint to be sure it is weather proof. Then set on the ledge outside the window and hook in place with screen door hooks. When the window is up it opens the box; when it is down, it closes the box.

Here are some dishes that save me time in preparation of meals because my cooler makes it possible to keep the food fresh.

Make 2 quarts of pie crust, except the water. The dry mixture will keep fresh a long time in the cooler. Put in stone or fruit jars and cover.

Meat fryings, in a stone jar, keep fresh and may be used in place of lard if one is careful not to scorch them.

Buy neck or shoulder cuts of beef. Boil several pounds at one time and put thru the food chopper. Place the ground meat in jars in the cooler. You now have ready for immediate use the foundation for hash, mincemeat, meat balls or meat pie.

If you happen to have a little cheese that is too dry for the table, put it thru the food chopper. It stays fresh a long time if kept cool. This, added to milk gravy and poured over crackers or toast makes an excellent dish.

When you have a few stewed prunes left over, cut in halves, remove the stones and lay on top of a dish of boiled rice. Top off with a bit of sweetened whipped cream. This is a dish that will make someone ask, "Why haven't we ever had this before?"

Mrs. B. B. Sundberg.
Olmsted Co., Minnesota.

One Piece Dresses Favored

Color Lends Attractiveness to New Frocks

BY MRS. HELEN LEE CRAIG



1253—Women's and Misses' Dress. The collar, cuffs and pocket lend a smart contrasting note to this season's favorite model. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1263—Girls' Guimpe. The sleeveless slip-on dress requires several guimpes and this design has been found most pleasing. It is simple and easy to make. Sizes 2, 4, 6, 8, 10, 12 and 14 years.

1275—Women's Dress. Canton crepe is a suitable material for this charming frock. The vestee effect in front when filled in with a bright strip of embroidery to match the sleeves makes a novel trimming. Sizes 36, 38, 40 and 42 inches bust measure.

3461—Girls' Dress. This one-piece slip-on frock is pretty in plain ma-

terials with the collar and cuffs of white. These are edged with the buttonhole stitch. Sizes 6, 8, 10, 12 and 14 years.

1256—Women's Dress. The long, slender lines of this design make it especially suitable for the stout woman. The sleeves are long. Sizes 36, 38, 40, 42, 44, 46, 48, 50, 52, 54 and 56 inches bust measure.

9461—Child's Rompers. Chambray, gingham or kindergarten cloth are materials that wash well and are adapted to garments of this type. Sizes 1, 2 and 4 years.

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

Women's Service Corner

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

Washing Feather Pillows

Is it possible to wash feather pillows without removing the feathers? If so, how is it done?—Mrs. W. D.

Feather pillows may be washed without removing the feathers by boiling them in borax water to which a small quantity of ammonia has been added. Use a half cup of borax to a boiler of water, and add a tablespoon of ammonia. Boil 15 or 20 minutes. After removing the pillow from the boiler, scrub the tick, if badly stained, by laying it on a washboard and applying suds with a stiff brush. Rinse in two or three waters and hang on the line in the shade to dry. Shake the pillow and change ends two or three times a day. Bring the pillows into the house before night or in case of rain, as it takes a long time at the best to thoroughly dry the feathers. This process makes the feathers light, fluffy and sweet smelling.

Suet Mixed With Lard

Will suet combine with lard so one could mix them and use in cooking?—R. G. L.
One-half lard and one-half suet may be combined. Render the suet and mix melted lard with it. Stir to insure thorough mixing. Set aside to cool.

Methods of Removing Ink

Will you please print several methods of removing ink stains?—Mrs. H. F. G.

Ink is often difficult to remove, as it varies greatly in composition. It is well to experiment with a corner of the spot before operating on the whole. Here are some methods: (a) If the stain is fresh, soak in milk, using more milk as the old becomes discolored. (b) Wet with cold water. Apply oxalic acid to stain, let stand a few minutes

and rinse. Repeat until the stain has disappeared. Rinse in water to which borax or ammonia has been added. (c) Treat with lemon juice and salt, as for iron rust. (d) Treat with hydrochloric acid as for iron rust. (e) Alcohol will remove some ink stains. (f) Javelle water will remove some ink stains. Apply as for iron stains. Milk is the only reagent given which does not remove color.

A Cellar is Transformed

When we bought our home, there were many changes and repairs needed to make it livable. I think, however, the cellar was the most difficult problem of all. My heart sank when I first entered its "dungeon-like depths. My predecessor had evidently been frugal minded and in that dim interior were stored all the odds and ends of a family's 10-year existence, including a half cord of old newspapers neatly piled but moldy and musty-smelling.

We first opened two spaces in the foundation for ventilation, and screened them carefully. The house immediately lost its musty odor. Two planks were laid thru the doorway, and on these a strong box slid up and down. In this way the accumulated refuse was lifted from the cellar.

Then with whitewash, prodigally applied to walls and ceiling, we made that grimy place light and sanitary in a few hours. We sprinkled lime on the earth floor and laid clean planks about to save tracking the lime upstairs. Shelves were built for milk and canned fruit and ventilated bins for the vegetables. Now the cellar is a clean, sweet-smelling place, and a safe storing place for food.

The change cost so little money and labor that I feel it is worth telling about. Mrs. F. G.

Phillips County.

You can win love without half trying, but to keep it is another matter.

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MORE FRUIT IN YOUR WINTER FARE
MEANS



more
prunes!

At no season of the year is fruit so important. Winter fare usually means "heavy" fare. We are inclined to eat too much meat, too many eggs, too much "mush." Doctors call these "high-protein" foods. The body needs some protein—but not too much. There's the danger!

During the winter months especially—when more time is spent indoors—these heavy foods "load up" the body, overwork the digestion and lead to many "winter complaints." Hence the warning note of doctors and domestic scientists: "More fruit in the winter diet!" Which means—

More prunes! For prunes fill the health-bill more completely, more economically, than any other fruit. Prunes are Nature's body-regulators. They give your system something you can get in no other way. The oftener you eat them the better your health will be!

Ask for Growers Brand Prunes at the store where you do your trading—and write for Recipe Folder G. Full of flavor-and-health surprises—and it's free!

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For Our Young Readers

Betty's Diary: Salt is Like Advice—a Little is Needed but Too Much Spoils Food as Well as Dispositions

(Written by Irene Judy)
Don't save up room for goodies
That you expect to get;
Just eat while they are handy
The ones before you set.

NOT one bite of breakfast would I eat this morning, altho the egg omelet, crispy bacon and toast that I prepared for the Greys looked very tempting. I knew we were to make pancakes in domestic science (D. S., as we girls call it) and I wanted to be hungry enough to make them taste good. Well, I was by the time I walked seven blocks to school. The air was frosty, just the kind that gives you a glad-to-eat-anything appetite. Every girl made her own cakes. At last mine lay on a plate, three little beauties, piping hot and buttered.

"We'll have a special treat this morning," said Miss Foster as she opened the glass of jelly that the D. S. girls had made last year. I was getting hungrier every minute, so I spread it on thick; but instead of standing up and shivering, as good jelly should, it ran just like sirup.

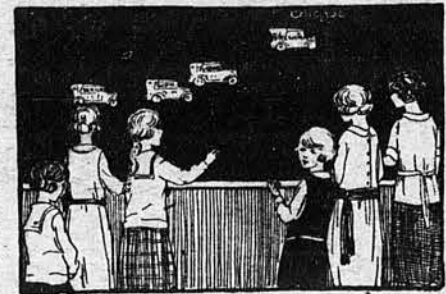
"They look delicious anyway," I thought, taking a big bite. Oh! My piggishness! Those D. S. girls must have sweetened that jelly with salt! No, I didn't finish my cakes. By noon I felt like a cross between a small boy on a hike and a cankerous cannibal. Salt is like advice; a little bit is often needed, but misused, it spoils the best of food as well as dispositions.

Thursday evening: Some time ago I joined the Y. W. C. A. We're having a race for new members now. Four automobiles are drawn on the black-board in the assembly hall, representing the four classes. The start was made from our home town and we're traveling toward New York. Every new member counts so many miles for the class that gains her. The Freshies already have reached Chicago, but unless the Seniors do some speeding they'll never get out of Kansas. They call our car "The Peanut." I guess their own must be the "Dodge-Wee!"

We want every girl in high school to belong to the Y. W., as it makes a closer friendship between us, helps us to solve our many little problems and to ring true.

Tuesday evening: "Miss Eleanor, do you dislike talking about yourself?" I asked my Sunshine Lady tonight as she sat knitting in her big wheel chair. "I've noticed that you always say, 'I'm all right,' when folks ask how you are. I thought you often suffered pain."

She looked up with a smile and said, "I do suffer a great deal, dear, but I am all right deep inside. That is really what counts; besides, that answer



saves time. The friends who visit me, even if they have come but a block, see and know about so many interesting and beautiful things of which I am eager to hear that I do not like to waste time by talking of something I want to forget."

"But what could anyone coming only a block see that would interest you?" I asked.

"Wait until you have taken a look-and-listen walk and see," said my Sunshine Lady. "When you start to school in the morning, keep your eyes and ears open for everything. When you come home tell me all the things that you have seen and heard, also the most interesting, the prettiest and the funniest sight."

So this morning I shall see many sights and sounds can be in one short walk that interests me.
—Betty Blue.

Birds and Animals

When you find the names of the birds and animals concealed in this puzzle send your answers to the Puzzle



Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first 10 boys and girls who answer correctly.

From Our Letter Writers

One cold winter morning my daddy brought a little lamb into the house, saying we would have to raise it because its mother would not claim it. He gave it to me. It was very cunning. I named it Josephus. I fed it from a bottle. It was always hungry and grew very fast.

Josephus would follow me every place I went. We live close to the

schoolhouse and one day Josephus came to school and walked over to my desk. I had to take him home. When he wanted to get into the house he would paw at the door. One night he got the tin cup down from the well and made so much noise that I had to get up and give him a drink. Every night after that he wanted a drink.

We sold all our sheep but Josephus and he was lonesome. He soon made up with the cows and would follow them around as if they were sheep.

Iola, Kan. Laurana Campbell.

A Catcher of Squirrels

I am 8 years old and am in the third grade. I have two brothers and two sisters. My brothers' names are Paul and Cecil. My sisters' names are Opal and Gladys. My pet is a cat named Tom. He is about 6 years old and is one of the largest cats in the neighborhood. He is a grey cat. I have three other cats, too. Tom catches grown squirrels.

Ulysses, Kan. Fred Thomas, Jr.

Just Four of Us

I am 9 years old. I go to West Smith school and am in the third grade. I have three brothers whose names are James, age 8, Wesley, 5, and Woodrow, 3. James and I go to school, having about 1½ miles to go.

Dewitt, Mo. Mable Ogan.

Buster and the Others

I have a pet cat named Buster. He is 9 months old and catches mice and rats. But he isn't as good at catching mice as the other cats. I am 12 years old.

Phillipsburg, Kan.

School for Twenty-Three

I am 14 years old and have two sisters and two brothers. I go to a country-school and am in the sixth grade. My teacher's name is Miss Jacobs. We have 23 scholars.

Lost Springs, Kan. Hannah Mohn.

College Girls Keep House

Text Book Variety of Homemaking Proves Practical

BY JESSIE GERTRUDE ADEE

COLLEGE girls are learning home making. The skeptic laughs, and says: "Oh yes! The text book variety again!" But this time it isn't. Some of the girls at the Kansas State Agricultural college are really doing practical housekeeping according to scientific principles and getting college credit for it.

They live in the practice house of the home economics division seven at a time in six weeks' shifts. They divide the work evenly and share expenses. They have carefully worked out a division of labor so that each girl can share in the work of the house without sacrificing time from her other college work. Each girl has a list of her duties so that she knows just what she is to do. The duties rotate so that for six days each takes her turn as cook, assistant cook, housekeeper, assistant housekeeper, waitress, hostess and general helper.

What the Cooks Do

The duties of the cook are to plan the meals, and submit the menus to the instructor two days before duty, purchase food, make a weekly summary of foods used and cost of food, make an inventory of food at the end of the week with the incoming cook, cook meals, care for left-overs and care for garbage. The assistant cook assists with the cooking, prepares relishes, bread and butter, cleans the kitchen, cabinet, refrigerator, washes the dishes and cares for the dish towels.

The housekeeper's duties are to manage and record finances, purchase all supplies other than food, keep a record of breakage and loss, read gas, electricity and water meters, give out the linen to each girl, be responsible for the laundry, clean the living room and lower hall, be responsible for heat, hot water, necessary repairs and exterminate pests. The assistant housekeeper cleans the bathroom, upper hall, sleeping porch, instructor's rooms and basement, empties the waste basket, answers the door bell and the telephone.

The waitress cleans the dining room, arranges decorations with the hostess, clears the table after each meal, dries and puts away the dishes, cleans silver once a week, cares for the table linen and prepares the soiled linen for the laundry.

It is the duty of the hostess to be responsible for the home atmosphere, arrange about guests, serve at table, be responsible for newspapers, magazines and other reading matter, see that lights are turned out at night and lock up, meet any emergency and be the home nurse. The general helper does the house mending and odd jobs such as planting bulbs, hemming window drapes, and acts as substitute in the absence of other workers.

Rearrangement Saves Steps

The house is not the property of the college but is rented for the purpose and is no more inconvenient than many homes, yet when the faculty took charge they found that to get a meal in this kitchen required at least four times as many steps as should be necessary. So they set to work to rearrange it. By moving the cistern and the sink and putting in four new shelves, the working surfaces of the kitchen were so arranged that food can be brought from the refrigerator on the porch, prepared on the cabinet, cooked on the stove and served on the table near the dining room door without unnecessary steps.

Then when the dishes are brought back to the kitchen, they are stacked on a table near the dining room door, washed at the sink, drained, dried, and put away in the cupboard without doubling back. The cupboard containing dishes is at the opposite side of the kitchen from the dining room door but the dishes are carried to the table on the tea wagon so that there is as little lost motion as possible.

Altho the girls do not sacrifice time to save expense they can provide three good meals a day and all the comforts of home at an average cost of 94 cents a day. Last year it was 96 cents a day. This includes food and supplies, ice, electricity, gas, laundry, room

rent, daily papers, magazines and flowers for the table. Eight other girls live in the same house. The rent and other expenses are divided so the house is maintained without expense to the state.

To give the girls experience as hostesses, each week the department invites two or three guests and during the week each girl is hostess she is permitted to have personal guests for whom she pays.

Not the least valuable part of the work is the training to meet emergencies. The bathroom needed painting. They could not afford the expense of a painter so the assistant housekeeper painted the room.

To rinse the dishes the waitress had to get a pan, fill it with hot water and pour it over the dishes. To scrub the floor, the cook had to set her pail in the sink, fill it with hot water and lift it down. Small matters but they waste motion. An ordinary spray such as is used in bathrooms was purchased with a yard of small rubber hose. This attached to the water rinses the dishes with hot water, puts hot water in the mop pail, and washes lettuce with a spray of cold water. The cost was \$1.75 but the value is more than that.

The practice house girls believe that

housework need not be drudgery, and that homemaking is more than house-keeping. They are living the precept of the dean of the division of home economics, Dr. Helen Thompson, who says: "If you do not like your environment, do your part to change it, rather than leave its indecencies to some one less fortunate, while you move on to some place that is already improved."

What a Hat Does or Doesn't Do

The woman who is well-groomed does not neglect her hat. She knows that a dusty, dawdy hat will ruin an otherwise perfect costume. It is easy to freshen a hat by steaming the velvet, replacing the old crown with a new one of soft material, or adding a chic flower or two.

White or light colored ostrich feathers can be cleaned successfully with benzine and flour if they never have been previously cleaned by any other process which would neutralize the success of the treatment. Make a thin paste of 2 tablespoons of flour and a pint of benzine. Place the feathers in this and press the flues with the fingers, squeezing the dirt out. When clean, shake the feather until dry. Benzine is inflammable so the work must be done away from a light or open fire.

Clean, well brushed hair, arranged in a manner most becoming to her type, carefully cared for face and hands, and last but not least, rows of clean teeth are essential if one is to appear well groomed.

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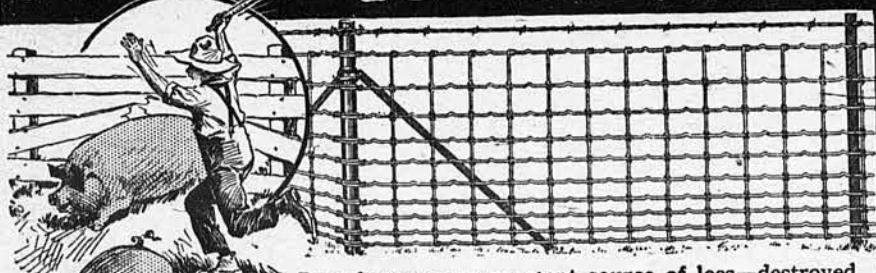
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Health in the Family

BY DR. C. E. LERRIGO

Influenza or Lagrippe is Dangerous and Demands Prompt Treatment

What about lagrippe? How does it differ from influenza? How may we tell it from a bad cold? These are some of the questions I get every day at this season.

Lagrippe is nothing less than influenza. Even doctors sometimes make a difference in the name they give, depending upon the severity of the symptoms, but there is really no warrant for this. Influenza and lagrippe are the same thing.

A bad cold is quite a different thing, yet it is often difficult to distinguish between a mild influenza and a severe cold. That is one reason why influenza spreads so rapidly. It is carried around by those who think they have "just a cold." The chief points of difference are that influenza is likely to come more suddenly, and to be ushered in by a great deal of aching and great prostration. Aching and prostration coming suddenly with symptoms of sore throat and running nose may make you quite positive that you have an attack of influenza.

I do not think it at all likely that the deadly type of influenza will come again soon, but bear in mind that this disease was recognized as treacherous and as deadly long before the epidemic of 1918. Don't try to fight it while keeping up your regular duties. Take to your bed at once and save all of your energy for the struggle. You will need every help that you can command. Get a good doctor and a good nurse, and stay in bed until all fever has left you. Then stay in the house until cough and coryza have disappeared. Many deaths will be prevented if these precautions are followed.

Hyperacidity of the Stomach

Please tell me what causes a hot mouth, and the feeling of a sore tongue? I certainly would be thankful if you could advise what could be done for such a trouble. I have doctored for a long time, but without result.

H. L.

This is due to hyperacidity of the stomach. You must change your diet. I suggest that you first go on a milk diet for two weeks. Gradually resume your regular diet, carefully watching and eliminating any food that markedly disagrees. Thoroughly masticate all food. Eat potatoes and green vegetables for alkalinity. Use milk freely. Be careful to drink sufficient water. The plan of drinking two glasses of hot water before breakfast every morning is very helpful.

To Reduce Fat

What vegetables would you eat in order to lose fat? And what would you do to remove liver spots?

R. C.

You cannot eat the starchy vegetables such as potatoes, beans and peas excepting in great moderation. Cabbage, lettuce, tomatoes, turnips, parsnips, squash, pumpkin and similar vegetables may be used freely. The best way to remove "liver spots" is to bathe the skin of the entire body in cool water and rub briskly with a rough towel every morning. This improves the circulation and thus helps to a better complexion.

Possibly a Rupture

I have trouble in my left side at the lower part of my bowels. It comes and goes chiefly when I'm on my feet and always goes away if I lie down. It feels like a heavy weight and there is a place like a small rubber ball that comes there when I strain. My doctor says it will go away but it has been three months now.

G. A. M.

You have a rupture I fear. You must either keep it in place by a well fitting truss or have a surgical operation. This will depend somewhat upon your age and the nature of your work.

Concerning Dried Fruit

Is there any danger of getting poisoned on fruit that has been peeled and dried on galvanized roofing?

E. L.

The contact with the galvanized roofing would produce no poisonous effect.

To Rid a Place of Rats

Please tell me what is the best way to clean up rats from an old place. What about poison?

F. G. E.

The Bureau of Agriculture has issued a Farmers' Bulletin on the subject that is very instructive. Recently

a Kansas farmer who knew the deadly nature of the exhaust gases from his automobile decided to try it on his rats. Selecting a promising hole under his barn, he connected it with the car exhaust pipe and started the engine. In a few moments rats began to pour from holes, cracks, and crannies. Most of them were dazed and somewhat uncertain as to what best to do. Those of clearer mind hastily departed for parts unknown. An unused chicken house was treated next, with even more satisfactory results.

Farmers' Union Elects Tromble

John Tromble of Beloit was elected president of the Kansas Farmers' Union at its annual convention in Salina. Other officers chosen were: W. C. Landson, Salina, vice president; Dan Thurston, Salina, secretary; Grant Bliss, Woodston, treasurer; M. O. Glessner, Rush county, lecturer. Landson will edit the Farmers' Union.

The convention ratified the decision of the jobbing association to merge with the National Wheat Growers' Association, which will handle the marketing of wheat. However the local elevators, members of the jobbing association, are not bound by this decision and need not make contracts with the Wheat Growers' Association unless they wish. It is reported that a number of Farmers' Union Elevator associations will not join the merger, preferring to retain their freedom of action in buying and selling grain. Under the contract the National Wheat Growers' Association previously has sought to make with elevators, the elevator became merely an agent of the association, handling the grain with no control over its disposition, and receiving a fixed amount for this service.

The 1923 meeting of the Farmers' Union will be held in Topeka.

Herdsmen's Short Course

The two weeks herdsmen's short course recently held at Kansas State Agricultural College was a decided success in every respect. It is interesting to note that all the men that completed this course are established in the purebred cattle business, either with their fathers or for themselves. This probably explains the wonderful enthusiasm manifested upon the part of the men taking this course.

During the last week of the course a fitting contest was held. The contestants were assigned an unbroken heifer. They were required to halter break, trim and polish horns, clip tail, wash, curl, and show the heifer assigned on the day of the contest. The winners of the contest were: First, Tony Bruna, Bremen, Kan.; second, Erwin Scott, Westmoreland, Kan.; third, Elmer Dukelow, Hutchinson, Kan.; fourth, Ernest Petracek, Oberlin, Kan.

The fact that the men who took this work have expressed so emphatically their appreciation of the work offered has made the animal husbandry department decide to give the herdsmen's short course every year, beginning the second day after Christmas and lasting for two weeks.

Win Cup for All Time

For the third year in succession the Kansas State Agricultural College has won the stock judging contest at the Western National Livestock Show at Denver. Because the college has won this event three times in succession, the team has obtained for the college permanent possession of the massive \$500 Denver Stockyards cup. The Western National Livestock Show is the second largest in the United States.

Seventh Annual Tractor Show

February 6 will herald in the seventh annual tractor show at Minneapolis, Minn.

After a strenuous and trying year, the tractor and implement industry is back on the job with new faith and new fighting spirit for the coming year. The best minds in the business have been hard at work developing and perfecting the "iron horses" and there should be some wonderful improvements shown in the tractor lines.

One of the features of the show will be the educational program. It is to be a tractor show and educational exposition combined and will be held in the new agricultural building at the state fair grounds.

Capper Poultry Club

BY MRS. LUCILE ELLIS

Three Cheers for the New Manager. Can She Count on You?

The world is ever moving, changing, never standing still. We don't wish it to stand still, for their progress would cease and business would become stagnant. Consider a small town for instance, a thriving little village. Perhaps it is your own home town. You grow up and leave it, knowing practically everyone living there, then you return in a few years, walk down the street and all you meet are strangers. Ambition probably has called most of the young folks you knew to larger cities where there are even greater opportunities and their places have been taken by others, and the town benefits by this ceaseless change. Modest factories go up, then in time larger ones take their place and more new faces appear, all as a result of the steady march forward.



Rachel Ann Garrett

No doubt you already have received my letter, telling you that I am giving up club work and that Miss Rachel Garrett will be your new manager. She will have complete charge of the work and under her supervision, I am sure the club will grow in numbers and that our banner which stands for reliability, co-operation, purebred chickens and purebred girls always will be held high. She'll have the help of every one of you, I know.

Perhaps the name Rachel Ann Garrett will sound more familiar to you than the more formal title of Miss Garrett, and you will recall that you have seen this name signed to poems which you have read and enjoyed in the Kansas Farmer and Mail and Breeze at various times during the past two years. And when you learn that Miss Garrett has been interested in the club work ever since she came to the Capper Publications, you won't feel that she is altogether a stranger. I have given my best to the Capper Poultry club during the time I have been manager and results show that my efforts have not been wasted. But while I have given, I also have received. There are my hundreds of friends, and you know the value of a friend cannot be estimated; I have a broader vision, just a little more patience than I ever had before; a keener insight into human nature, and I have known the joy of a completed task and the knowledge that I was doing a work worth while. I'm going to miss all of you more than you know, your letters and cheery words of commendation, the meetings and picnics which it was my good fortune to attend and many other things, but please remember that in giving up my managership, I am not giving up my interest in each and every one of you and your success will mean as much to me as ever before. Now let's give three cheers for the new manager and the Capper Poultry club for 1922.

Methods of Preserving Eggs

If satisfactory results are to be obtained, the eggs should be fresh and clean and, if possible, infertile. Eggs that float when placed in the solution are not fresh and therefore cannot be preserved. When an egg is only slightly soiled, a cloth dampened with vinegar can be used to remove such stains. Under no circumstances should badly soiled eggs be used for preserving; if put into the jar while dirty they will spoil, and washing removes a protective coating which prevents spoiling.

Water Glass Plan

A good method for the preservation of eggs is the use of sodium silicate, or water glass. If the price of sodium silicate is about 30 cents a quart, eggs may be preserved at a cost of approximately 2 cents a dozen. It is not desirable to use the water glass solution a second time.

Use 1 quart of sodium silicate to 9 quarts of water that has been boiled and cooled. Place the mixture in a 5-gallon crock or jar. This will be

sufficient to preserve 15 dozen eggs and will serve as a guide for the quantity needed to preserve larger numbers of eggs.

1—Select a 5-gallon crock and clean it thoroughly, after which it should be scalded and allowed to dry.

2—Heat a quantity of water to the boiling point and allow it to cool.

3—When cool, measure out 9 quarts of water, place it in the crock, and add 1 quart of sodium silicate, stirring the mixture thoroughly.

4—The eggs should be placed in the solution. If sufficient eggs are not obtainable when the solution is first made, additional eggs may be added from time to time. Be very careful to allow at least 2 inches of the solution to cover the eggs at all times.

5—Place the crock containing the preserved eggs in a cool, dry place, well covered to prevent evaporation. Waxed paper covered over and tied around the top of the crock will answer this purpose.

Lime Water Solution

When water glass cannot be obtained, the following method may be used in its stead. Many consider this method entirely satisfactory, though instances are known where eggs so preserved have tasted slightly of lime.

Dissolve 2 or 3 pounds of unslaked lime in 5 gallons of water that has previously been boiled and permitted to cool, and allow the mixture to stand until the lime settles and the liquid is clear. Place clean, fresh eggs in a clean earthenware crock or jar and pour the clear limewater into the vessel until the eggs are covered. At least 2 inches of the solution should cover the top layer of eggs. Sometimes a pound of salt is used with the lime, but experience has shown that in general the lime without the salt is more satisfactory.

Fresh, clean eggs, properly preserved, can be used satisfactorily for all purposes in cooking and for the table. When eggs preserved in water glass are to be boiled, a small hole should be made in the shell with a pin at the large end before placing them in the water. This is done to permit the air in the egg to escape when heated so as to prevent cracking.

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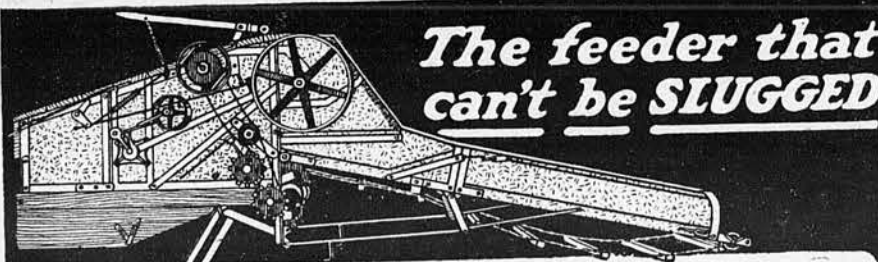
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Capper Pig Club News

Do Kansas Boys Have to be "Shown?"

BY EARLE H. WHITMAN
Club Manager

THE expression, "I'm from Missouri, you'll have to show me," isn't heard so much nowadays, possibly because Missouri says it's a "show-you" state. I sometimes think Kansas boys have to be "shown," but I know that when they are fully convinced something is good they lose no time in taking advantage of it. Last year two of the counties which worked right up to the last day of the enrollment period to obtain a full membership in the Capper Pig Club drew big prizes in the contest. Osage county won the trophy cup and the cash prizes which go with it, while Morris took the special cash prize for the best county record.

Did it take these winnings to show the other boys in those counties what a fine thing the Capper Pig club is? It looks that way, for Osage county has had a complete team for several weeks, and more boys than there are places are clamoring to enroll in Morris county. Many other counties are filling rapidly, and the chaps who have been saying, "Oh, there's plenty of time," will be losing their opportunities. Here's the lineup for Osage county for 1922: Eugene Smith, Melvern; Louis Watson, Barclay; Charley Bailey, Burlingame; Robert Smith, Melvern; Melvin Ashley, Melvern; Marvin Storbeck, Olivet; Roy Smith, Burlingame; Fred Privat, Barclay; Paul Elliott, Quenemo; Chester Lewis, Barclay. Last, but far from least, there's a "dad" in the club, J. J. Smith, Roy's father. Some lineup, and the boys are saying, "Watch us next year."

Read the "Society Column"

I believe it's nearly time to establish a "society column" for the Capper Pig club. There would be plenty of items for it, too. One of the pleasant sides to club work consists of the visits from the boys and their folks whenever they happen to be in Topeka. Shawnee county boys run in often to see the club managers. J. J. and Roy Smith of Osage county come in sometimes to visit. Just last evening the phone rang and I heard this, "Mr. Whitman, there's a man down here to see you." Downstairs I went, and to my pleasant surprise found Everett Ingersoll, now a Kansas State Agricultural College student but once leader of the Osage county club. "Everything's going fine," Everett reported. "I've been doing cow-testing association work up in Clay county, but am going back to school now."

Old Members Always Loyal

It surely is gratifying to know that old members of the Capper Pig club remember the work with pleasure and always are ready to serve the club. A few days ago a letter came from Hardin Lineback, one-time leader of Allen county. "You know I said I would always do my best to promote the Capper clubs. Well, I still am on the job. We are now back in LaHarpe, and it's I. E. Lineback & Sons. We intend to

raise and sell the best Duroc Jersey hogs we can." So it seems that boys who once become interested in purebred hogs are likely to stay in the game, with an excellent chance of making good. Clark Searle, a Shawnee county member in 1920, is another boy who is proving this. "Clark's in school now," said his father recently. "He made enough from his contest sow to buy a fliiver to use in making the trip to and from school." Not only do old members take an interest in the club, but some of them get back into the ranks. I have an idea some of the "old steadies" up in Mitchell county are making big medicine, for three members of the club in 1920 have re-enrolled—Harry Caughey, Verne Jones and Wayne Ewing.

News From John Case

Speaking of old-timers in general, I must tell you some news of our director of club work, John F. Case, not an "ex," but one who isn't so well acquainted with Kansas boys as he was when actively engaged in managing the club. Mr. Case was recently elected president of the Missouri State Board of Agriculture. This board controls the management of the Missouri State Fair, the state departments of dairying, marketing, veterinary service, institute lecture work and other activities calling for the expenditure of about a half million dollars a year. Under the direction of the State Board of Agriculture, a wireless telephone system is being installed for the purpose of obtaining direct marketing news for farmers of the state. This system will cost \$3,000.

An Error Corrected

I never have known anyone so wise he could not make a mistake. Even the folks who judged the contest reports and stories of the Capper Pig club for 1921 were not infallible. Much to my regret, an error in the awards in the father-son department was discovered after the names of the prize winners were published. Charles and Levi Curtis should have been placed in first place, with T. E. Fuller and Floyd Marshall second.

Buying Sows? Remember This

February is the month when most breeders hold their bred sow and gilt sales, and club members probably will buy many sows during the next 30 days. Those who buy Spotted Poland China sows or gilts should remember a ruling made recently by the record association. No pigs can be recorded unless both their sire and dam are recorded in the same association. It has been customary with some breeders to breed sows recorded in the Standard or American Poland China Record association to boars recorded in the National Spotted Poland China association, but now the litters from such matings are not eligible to register. Keep this in mind when buying a contest sow.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas.

Earle H. Whitman, Pig Club Manager.

Rachel Ann Garrett, Poultry Club Manager.

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

.....county in the Capper

.....Club.

(Write pig or poultry club)

I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work.

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

Approved..... Parent or Guardian

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

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

Winter Dairying

BY J. H. FRANDSEN

There are many advantages in having cows freshen in the fall or early winter. The fall and winter seasons are decidedly more favorable for good milk production than July and August. Summer months in Kansas generally spell heat, flies, dry pastures and a rush of other work—all contributory to low and unprofitable production. Since it is desirable that cows should be dry part of the year, it seems logical to arrange this period of rest for the cow during the hot, dry months, when milk is cheap. Farmers are much busier from spring until fall than from fall until spring. Cows can be cared for more properly and calves raised better in the winter than in the summer.

If a cow freshens in the spring, she milks well for a few months, but during the hot midsummer, when pastures become dry, the milk flow is materially lessened. In the Middle West as a rule, spring-freshened cows are nearly dry when fall comes. Fall rains may revive pastures and failing milk production somewhat, but the chances are that the change to dry stable feed when cold weather begins will bring the milk flow down to its lowest point.

On the other hand, fall-freshened cows are put on stable feed while they are dry, and consequently milk production is not affected by change of feed. As a result the cows milk well during the winter and early spring. Cows which freshen in the early winter and are well cared for during the winter period go on pasture at the time when they would naturally be drying up, and this lengthens the milking period and increases the annual yield of milk and butter often as much as 20 per cent for the year.

Not only does fall freshening mean increased production, but also increased profits by bringing the maximum production at a time when prices for dairy products are highest. While it is true that it is cheaper to produce milk during the late spring and summer, it is also true that the prices of milk and cream are always extremely low during these months. The argument for cheaper summer feed might stand if winter feeding were not necessary, but cows must be kept over the winter whether they are producing much, little, or nothing at all.

To sum up, fall freshening means a chance for higher milk and butter production when prices are the best, and when the farmer has the opportunity of giving the cow the proper care for maximum production during the greater part of the year, and the calf the best chance for developing into a high-grade animal.

Since there are so many logical reasons why it is not only desirable but profitable for farmers to practice more winter dairying, the farmer really interested in dairying should begin now to arrange as far as practicable not to breed his cows early, so that he may take advantage of the more satisfactory production and profits next year.

Hard Times Can't Stop Them

(Continued from Page 19)

ship does not necessarily contribute to competition, not in sheep.

Judge—W. L. Blizzard, Stillwater, Okla.
Exhibitors—Kansas State Agricultural College, Manhattan, Kan.; Homan & Son, Peabody, Kan.; Gilmore & Hague, Peabody, Kan.; C. M. Cowan, Derby, Kan.; C. L. Watkins, Derby, Kan.

Rams—Aged: 1, K. S. A. C.; 2 and 3, Homan; 4, Cowan. Yearlings: 1, K. S. A. C.; 2, Homan; 3, Cowan; 4, K. S. A. C.; 5 and 7, Gilmore & Hague; 6, Watkins. Lamb: 1 and 2, K. S. A. C.; 3, 4 and 5, Watkins; 6, Cowan; 7, Homan.

Ewes—Aged: 1 and 5, Homan; 2, Cowan; 3 and 4, Gilmore & Hague. Yearlings: 1, 17, Homan; 2 and 5, K. S. A. C.; 3, Cowan; 4 and 6, Gilmore & Hague. Lamb: 1 and 3, K. S. A. C.; 2 and 5, Gilmore & Hague; 4, Homan; 6, Cowan.

Championships—Champion ewe: Homan. Champion ram: K. S. A. C.

Groups—Pen four lambs: 1, K. S. A. C.; 2, Gilmore & Hague; 3, Cowan; 4, Homan; 5, Watkins. Get of sire: 1, K. S. A. C.; 2, Gilmore & Hague; 3, Cowan; 4, Homan; 5, Watkins. Flock: 1, K. S. A. C.; 2, Homan; 3, Cowan; 4, Gilmore & Hague.

School Judging Teams

Winfield, Kan., one time was adjudged the best town in the state in which to "bring up" children. Now comes Winfield high school with a livestock judging team which wins first place in a state-wide contest. In

this contest the following 29 schools had entered teams:

Newton, Eldorado, Mulvane, Burrton, Peabody, Pawnee Rock, Norwich, Little River, Harper, Bently, Walton, Pretty Prairie, Preston, Partridge, McPherson, Rose Hill, Halstead, Kingman, Winfield, Arkansas City, Garden Plain, Goddard, Pratt, Byers, Maize, Sedgwick, Wichita, Coldwater and Belle Plaine.

The race was close, only 10 points separating the winning team from the McPherson High School team which took second.

Professors Bell, Paterson and Anderson and Superintendent Pearson of the Boys' and Girls' club work of the Kansas State Agricultural College, judged the teams. The winning teams and the individual winners, with their scores were as follows:

Winfield High School—Harold Sphar, Irwin Biddle, John Seeley. Score, 865. Gold medal to each member.
Academy Department, McPherson—Milton

Dell, John Lehman, Earl Brion. Score, 855. Silver medal to each.
El Dorado High School—Ella Thompson, Leon Fowler, Gladys Kimball. Score, 798. Bronze medal to each.

Individual high scores, \$50 divided among the following high ten: Homer Jorns, Preston, 325; Milton Dell, McPherson, 322; John Lehmann, McPherson, 294; Paul Gabrielson, Goddard, 275; Vernon Foster, Harper, 273; Harold Sphar, Winfield, 324; Charles Weeks, Udall, 295; Ella Thompson, El Dorado, 287; Albert Rollman, Kingman, 274; Leon Fowler, El Dorado, 272.

Great Britain leads the world in the number of people governed at points distant from the seat of government, the combined area of its colonies, dependencies, protectorates and mandated areas aggregating more than 13 million square miles, and with a population of approximately 100 million people.

Among the inhabitants of the Volga Valley of Russia it is estimated that 50 per cent of the 20 million men, women and children affected by the famine will die before the winter is over.

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Milk and cream spouts are open—easy to clean

One piece aluminum skimming device is very easy to clean

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

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

Ten of His Neighbors Have Bought the New Butterfly

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

BERT I. VICKERY, Minooka, Ill.

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

\$38 buys the No. 2½ Junior, a light running, easy cleaning, close skimming, durable, guaranteed separator. Skims 120 quarts per hour. You pay only \$2 down and balance on easy terms of

Only \$3.00 a month; no interest extras. Prices we quote include everything. We also make 4 larger sizes of the

New Butterfly

up to our big 800 lb. capacity machine shown here—all sold at similar low prices—on our liberal terms of only \$2 down and more than a year to pay. Every machine guaranteed a lifetime against defects in materials and workmanship.

30 Days' Trial

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

Catalog Folder FREE

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

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Hard Times Can't Stop Them

(Continued from Page 19)

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School Judging Teams

Winfield, Kan., one time was adjudged the best town in the state in which to "bring up" children. Now comes Winfield high school with a livestock judging team which wins first place in a state-wide contest. In

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LEARN IN EIGHT WEEKS. No previous experience necessary. Use tools not books. Simply send name and address today, a post card will do, for **Free** book and 27 photographic reproductions of machine shop work, etc. in world's largest and finest trade school, **Let's Go—Write Now!**

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

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Twelve-Year-Old Child Runs It

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

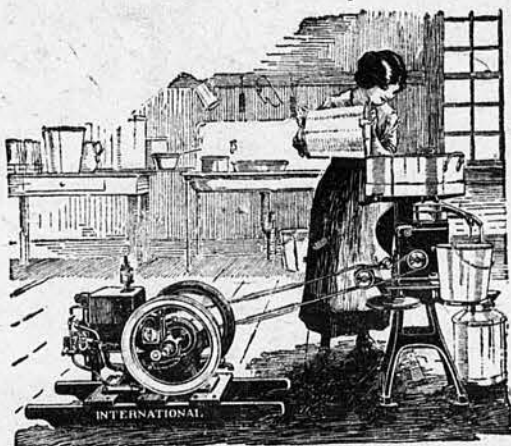
EASY TO CLEAN

Simplest, Easiest to Clean

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

J. B. FINLEY, Oran, Mo.

Primrose — Builder of Dairy Profits



THE man who purchases a Primrose takes home to his dairy a product held in high esteem. He is fortified by the definite knowledge that it will go quietly to work for him in plain, practical, efficient fashion. He is comfortably certain that it will continue to conserve cream dollars for him, month after month for many years, in a degree excelled by no cream separator on earth.

Two factors convince the man of long-standing experience as to the wisdom of Primrose purchase. The prime factor of International Harvester quality manufacture, which has created International Harvester reputation, guarantees the worth of Primrose separators without more ado. The secondary factor lies in the popularity of the thousands of Primroses which have been placed in service in the nation's dairies during past years.

Cream separator investment is best made, and without long experimental delays or gambling with unknown values, by Primrose purchase.

Primrose Separators run easily and steadily, skim with exceeding closeness, and serve their owners reliably for many years. Direct power drive and electric motor drive equipment available. Built in four sizes with capacities ranging from 350 to 850 pounds of milk per hour. Sold by International Dealers.

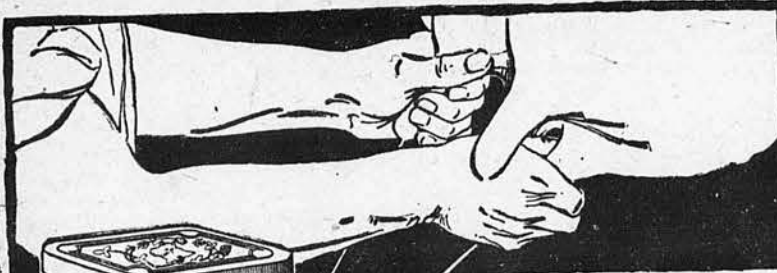
INTERNATIONAL HARVESTER COMPANY

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92 Branch Houses and 15,000 Dealers in the United States



Plenty of Milk Freely Given

There are so many everyday uses for this great healing ointment that no dairy ought to be without a package a single day. The big 10-ounce package lasts so long and gives such complete satisfaction that thousands of cow owners consider it a most necessary aid to profitable dairying. Write for free booklet, "DAIRY WRINKLES."

One of the most common causes of milk loss is overlooking the apparently little injuries or troubles with the udder and teats. The slightest hurt makes milking hard, makes the cow nervous and irritable and means a sure holding back of the yield.

Bag Balm is made for just such a use—to quickly heal any cut, bruise, chaf, or inflammation. Its great penetrating and restoring qualities put the tissues back to normal condition, make the cow comfortable and the milking easy. Bag Balm gives quick relief in cases of Caked Bag and for treating Bunions and Cow Pox. Your feed dealer, general store or druggist sells it at the reduced price of 60c.

DAIRY ASSOCIATION CO., INC. Lyndonville, Vt.

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MADE BY THE **KOW-KARE** PEOPLE

Need an Extra Implement?

Sometimes it's an engine, sometimes a plow that is needed for extra work which doesn't warrant the investment in a new tool. Then you will find the classified advertisements in this paper will fill your need.

WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER.

Grain Prices Take a Rise

Corn and Wheat Futures Show Some Strength

BY JOHN W. SAMUELS

GRAIN prices again this week took a small rise and both corn and wheat futures showed slight strength. May deliveries of wheat advanced from 2 to 3 cents and July futures showed a rise of approximately 1½ cents. These advances were due mostly to the rapid decrease in the visible supply and the belief that the theoretical surplus has been disposed of already. Export demand continues stagnant and but little encouragement is expected from that source just now. Pessimistic crop reports from the West and Southwest also had a tendency to make prices advance. Demand for flour is improving and this has had a tendency to make the milling trade more active and this in turn has increased domestic demands and local purchases of wheat.

Export Demand Weak

As to what improvement in prices may be due to export demands in the future it is difficult to arrive at any satisfactory conclusion. During midsummer breadstuffs were exported at the rate of 5½ billion pounds a month, or at a greater rate than ever before. Before the war breadstuffs were shipped abroad at a rate of only approximately 1 billion pounds a month. During 1920 exports ranged about 2½ billion pounds a month.

In wheat alone the exports totaled 181 million bushels during the six months from July to December. In the same period of 1920 the total was but 176 million bushels. Before the war the rate of shipment was 71 million bushels.

Europe according to recent estimates excluding Russia raised 400 million bushels more of wheat and rye in 1921 than in 1920. The bulk of the world's supply of wheat for several months yet undoubtedly will be supplied by Canada, Australia and Argentina. The final estimate on the Canadian wheat crop places the yield at 301 million bushels. This is 38 million bushels more than two years ago and 29 million bushels more than a year ago.

Corn Reacts With Wheat

Corn prices reacted with the rise in wheat and registered small advances of ½ to 1 cent a bushel. Exports of corn last week amounted to 5,270,000 bushels as compared with 3,866,000 bushels of the preceding week, and 1,562,000 bushels a year ago. Demand for corn was fairly good.

The following quotations on grain futures are reported from Kansas City at this time:

May wheat, \$1.08½; July wheat, 98½; May corn, 48¼c; July corn, 50½c; May oats, 37¼c. Chicago prices are about 9 cents higher on May deliveries and 6 cents higher on July deliveries. A year ago May wheat at this time was quoted at \$1.46 and May corn at 60 cents a bushel.

Kansas City Quotations

Cash sales of wheat at Kansas City at the close of the market showed general advances of 1 cent to 3 cents a bushel. Hard wheat was from 1 cent to 3 cents higher; dark hard wheat showed a similar advance; and Red wheat was 2 cents higher. The following sales were reported:

Dark hard wheat, \$1.19 to \$1.29; No. 2 dark hard, \$1.18 to \$1.29; No. 3 dark hard, \$1.17 to \$1.28; No. 4 dark hard, \$1.15 to \$1.25; No. 1 hard wheat, \$1.14 to \$1.24; No. 2 hard, \$1.13 to \$1.24; No. 3 hard, \$1.12 to \$1.14; No. 4 hard, \$1.07 to \$1.18; No. 5 hard, 95c to \$1.08; No. 1 Red wheat, \$1.18 to \$1.20; No. 2 Red, \$1.18 to \$1.20; No. 3 Red, \$1.12 to \$1.17; No. 4 Red, \$1.05 to \$1.11; No. 2 mixed wheat, \$1.12 to \$1.17; No. 3 mixed, \$1.09 to \$1.16; No. 4 mixed, 97c; No. 5 mixed, \$1.

Demand for corn was good and advances of ½ to 1 cent a bushel were reported. The following quotations on corn are given at Kansas City:

No. 2 White corn, 44¼c to 45c; No. 3 White, 44¼c to 44½c; No. 4 White, 44c; No. 1 Yellow corn, 44¼c; No. 2 yellow, 44½c; No. 3 Yellow 44c; No. 4 Yellow, 43¼c; No. 1 mixed corn, 44¼c; No. 2 mixed, 44½; No. 3 mixed, 44c; No. 4 mixed, 43¼c.

The following quotations are given on other grains at Kansas City: No. 2

White oats, 37½ to 38c; No. 3 White, 37c; No. 4 White, 35 to 36c; No. 2 Red oats, 40 to 45c; No. 3 Red, 36 to 40c; No. 4 Red, 33 to 36c; No. 2 White kafir, 97c; No. 3 White, 96c; No. 4 White, 95c; No. 2 milo, \$1.08 to \$1.09; No. 3 milo, \$1.07 to \$1.08; No. 4 milo, \$1.04 to \$1.06; No. 2 rye, 72 to 73c; No. 3 barley, 46 to 47c.

Hay Market Shows Declines

Increased receipts of alfalfa and prairie hay caused declines of 50 cents to \$1 a ton. The following quotations are given at Kansas City:

Choice alfalfa, \$25 to \$26.50 a ton; No. 1 alfalfa, \$20 to \$22.50; standard alfalfa, \$16.50 to \$19.50; No. 2 alfalfa, \$13.50 to \$16; No. 3 alfalfa, \$11.50 to \$13; No. 1 prairie hay, \$9.50 to \$11; No. 2 prairie, \$7.50 to \$9; No. 3 prairie, \$6 to \$7; No. 1 timothy hay, \$13.50 to \$14.50; standard timothy, \$12 to \$13; No. 2 timothy, \$10 to \$11.50; No. 3 timothy, \$7 to \$9.50; light mixed clover \$13 to \$14; No. 1 clover, \$10.50 to \$12.50; No. 3 clover, \$7 to \$10; packing hay, \$5 to \$6; straw, \$6 to \$7 a ton.

Millfeeds More Steady

Millfeeds are beginning to show more firmness and are more steady. The following quotations are given at Kansas City: Bran, \$20.50 to \$21 a ton; brown shorts, \$21 to \$21.50; gray shorts, \$22 to \$23; linseed meal, \$47.50 to \$52, according to quantity purchased; cottonseed meal and nut cake, \$44; tankage, \$62.50; No. 1 alfalfa meal, \$16.50 to \$17.50; No. 2 alfalfa meal, \$14.50 to \$15.

Seeds and Broomcorn

The following prices on seeds are quoted at Kansas City: Alfalfa, \$9 to \$13 a hundredweight; timothy, \$4.50 to \$5.50; clover, \$13 to \$19; bluegrass, \$35 to \$50, according to quality; German millet, \$1.35 to \$1.40; Siberian millet, \$1.20 to \$1.40; cane, \$1.30 to \$1.40; Sudan grass, \$2.25 to \$2.75.

Quotations on broomcorn are as follows: Fancy whisk brush, \$275 a ton; fancy hurl, \$250; choice Standard, \$180 to \$220; medium Standard, \$140 to \$180; medium Oklahoma Dwarf, \$130 to \$160; common Oklahoma Dwarf, \$110 to \$130; common stained Oklahoma Dwarf, \$70 to \$90.

Opportunity for Safe Investment

Readers of Kansas Farmer and Mail and Breeze who have surplus funds to invest can learn of a particularly attractive, high-grade security by writing me at once. I regard this as an exceptional opportunity for Kansas Farmer and Mail and Breeze readers. Amounts of \$100 or more are solicited; rate of interest, 7 per cent, payable semi-annually, with the privilege of withdrawal at any time upon 30 days' notice. I can unqualifiedly recommend this investment, which is backed by unbroken record of 28 years' success in one of the strongest business concerns in the West, offering a security that is as safe as Government bond. I will be glad to give further information. Arthur Capper, Topeka, Kan.—Advertisement.

Next Dairy Show to St. Paul

BY J. H. FRANDSEN

The Sixteenth Annual National Dairy Show will be held at St. Paul, Minn., October 7-14 inclusive.

This announcement is made by the Executive committee of the National Dairy Association after a thorough canvass of the present status of the Nation's dairy industry.

A special committee is now at work on plans to obtain more active participation of all educational and trade organizations in the great work that the National Dairy Show is doing.

More U. S. Loans to Kansas

From January 16 to 18 the War Finance Corporation authorized advances to farmers and livestock interests in Kansas totaling \$46,000, including \$24,000 to men in Missouri having livestock in Kansas. During the same period the corporation approved loans aggregating \$208,000 in Missouri and \$563,000 in Nebraska.

Ice Saves Farmers Money

Proper Cooling of Cream Prevents Much Loss

BY J. H. FRANDSEN

MORE than 15 million dollars additional income would have gone into the pockets of the American farmer last year if the cream produced had been properly cooled and otherwise well cared for. A crop of ice harvested and carefully stored would have helped immensely toward making this saving, since the use of ice makes it easy to care for milk and cream satisfactorily and besides adds much to the comfort and convenience of country home life. A refrigerator and plenty of ice for keeping foods is both a convenience and saving. Frozen desserts and ice-cold drinks are a decided addition to the joy of living on the farm.

Years ago, farmers looked upon the use of ice as more or less of a luxury. Today, rural homes that have had a good supply of ice during one season find it a necessary commodity. If the ease and inexpensiveness of storing ice and the comfort and economy of its use were realized, there would be ice on practically every farm in the Midwest during every summer season.

Two Important Factors

Two important factors govern the quality of cream: Cleanliness and temperature. The most satisfactory way to control temperature is by the use of ice. While the use of water in cooling cream is good, the temperature is not sufficiently low to preserve milk or cream and will not cool it quickly enough to prevent fermentation. It is easy to cool milk or cream in the ordinary cooling tank which is held at about 40 degrees by the use of ice. This means that fewer deliveries of dairy products will be necessary, and at the same time products will be in better marketable condition.

The average farm will not require more than 12 to 14 tons of ice. This depends, however, upon the uses to which the ice is put and the methods of storing. It has been found that about 1½ pounds of ice is required for every pound of cream produced. On this basis, a 20-cow dairy will require 8 to 10 tons. To this should be added about 50 per cent to allow for shrinkage and household purposes. It is better, however, to arrange for putting up more than enough rather than risking an insufficient supply.

There is hardly a farm in the Central West located in such a place that ice is not obtainable. Perhaps, more than anything else, wrong ideas as to the expense of erecting storage houses and procuring harvesting equipment have kept farmers from putting up ice more generally. Those who have had the experience understand the simplicity of the equipment necessary.

A Good Storage Place Needed

A serviceable storage place in the form of a structure having four firm walls and a good roof carrying a ventilator is the first essential. This, together with sawdust or straw for packing and a few simple tools are all that is required. It has even been found that ice can be stored to good advantage in pits in the ground, and that when sawdust or straw is used, that about 50 per cent of the original ice can be removed.

The ice should be stored as near the milk house as possible, in order to save labor in removing it to the milk tank. A great many dairymen find it an advantage to have the milk room in one end of the ice house. In this way the cost of a separate milk house is eliminated. If ice is to help increase the profits from your dairy and otherwise add to your home comforts during the coming hot season, now is

the time to lay in the supply.

A correspondent asks: "How much richer is milk from a cow fed good, rich feeds than would be the case with a cow fed just enough ordinary feed to keep her in good condition?"

The dairyman should realize that the richness of milk is a matter of breed or individuality of the cow and the chances are that the cow fed liberal quantities of good, rich feed will not give milk of any different composition than she would on just the ordinary feeds. However, the feeder must not jump to the conclusion that it does not pay to feed liberally, for while the cow fed liberal quantities of feed will not give any richer milk, she will give a very much larger quantity of milk of the same richness.

Asks Better Ration

A correspondent writes: "My milk cows are producing on an average 30 pounds of milk daily. I have corn and cane stover, alfalfa hay, oats, corn and cob meal. I can buy bran at \$20 a ton and linseed meal at \$47 a ton. What suggestions relative to feeding can you make?"

Give your cows all the alfalfa that they will eat up clean twice a day, together with cane or corn stover once a day. For grain mixture, we would suggest a ration made up of equal parts of corn and cob meal, oats and bran. Feed about 1 pound of this mixture for every 3½ pounds of milk the cows are giving daily. Attention might be called to the fact that while this ration will give quite satisfactory results, it is short on juicy, succulent feeds, and for other years, it would be well to plan for some corn silage, or some root crops to provide this appetizing part of the ration.

Wheeler Becomes Denver Editor

George C. Wheeler, formerly one of the associate editors of the Kansas Farmer and Mail and Breeze and for many years editor of the Kansas Farmer before it was combined with the Mail and Breeze, left early last week for Denver, to assume the editorship of Western Farm Life, published there.

Mr. Wheeler will be in full charge of the editorial work of the paper, beginning February 1.

Throughout Kansas, Mr. Wheeler is well and favorably known to farmers and livestock men. He has been in touch with farming from many angles, having been for years an instructor in the Kansas State Agricultural College, extension specialist, and farm paper editor. Last spring he took an important part in putting across the better sires campaign in Kansas. Throughout his life he has given a great deal of attention to the improvement of livestock and is an authority in this respect. Mr. Wheeler superintended the erection and filling of the first silo ever built in Kansas.

National Tractor Show

The Seventh Annual National Tractor Show which will be held February 6 to 11 at Minneapolis, Minn., will be featured by its educational program.

The agricultural engineering department of the University of Minnesota is co-operating with the show management in conducting a tractor school during show week. Courses of instruction will be given free of charge to any desiring to take advantage of the offer. Expert mechanics from the tractor factories will aid the engineering department in conducting the school.

This Valuable Cow Book FREE!



Tells how to pick out Good Cows

How to Get it ↓

This 84-page book is worth its weight in gold. Its author, Hugh

G. Van Pelt, a prominent dairy editor and former professor of dairying, is a practical dairyman and one of the best judges of dairy cattle in the country. It is so plain and simple that any one can use it as a guide in selecting good cows, and building up a herd for large and profitable production.

We will gladly send you this book free of charge if you will fill out the blank below and send us the names of

five people who will need cream separators or milking machines within a year's time.

Any one who is wasting cream by using an old, worn-out or "balky" separator, or by hand skimming, needs a De Laval Separator. Any one who is milking ten or more cows by hand needs a De Laval Milker.

If you cannot give five names, we will send you this book on receipt of 20 cents.

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Please send me Van Pelt's Cow Demonstration Book, for which I am sending you the names of five people who need De Laval Cream Separators or Milkers. (Include your own name if you need a separator or milker.) No.

Name _____ P.O. _____ R.F.D. _____ State _____

NOTE—After each name, in last column, mark S if person needs a separator, M for milker, SM for both.

	NAME	P.O.	R.F.D.	State	No. Milk Cows	Prospect For
1.						
2.						
3.						
4.						
5.						

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On trial. Easy running, easily cleaned. Skims warm or cold milk. Different from picture which shows larger capacity machines. Get our plan of easy MONTHLY PAYMENTS and handsome free catalog. Whether dairy is large or small, write today.

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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. **CURRIE WINDMILL CO.** GRINDER 7th & Holliday, \$22. Topeka, Kansas.

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Sept. 1, 1922

The 68th Congress is now in session at Washington, D. C. Legislation of vital importance to everyone is being discussed and enacted into laws.

You will want to know just what our President, Warren G. Harding, is recommending. How your Representatives and Senators are talking and voting.

You cannot afford to be without this information daily and there is no paper that will keep you more accurately informed than The Topeka Daily Capital, the Official State paper of Kansas.

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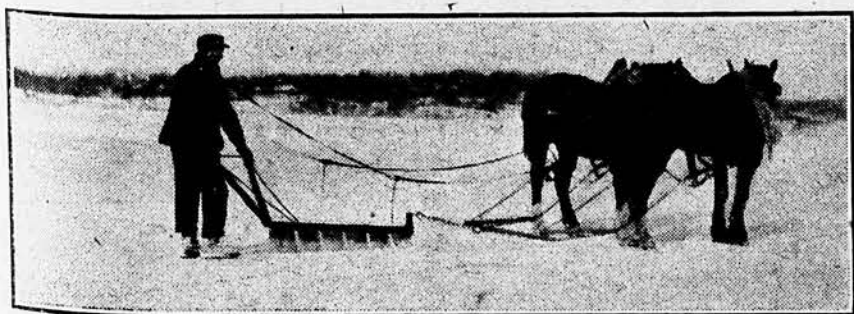
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The Topeka Daily Capital, Topeka, Kansas

Enclosed find \$..... for which send me The Topeka Daily and Sunday Capital to September 1, 1922.

Name

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Farmers Should Harvest the Ice Crop at the Earliest Possible Moment and Store It for Use Next Summer When It Will be Needed

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offers to home seekers opportunities that cannot be secured elsewhere. The thousands of farmers from the United States who have accepted Canada's generous offer to settle on FREE homesteads or buy farm land in her provinces have been well repaid by bountiful crops. There is still available on easy terms

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—land similar to that which through many years has yielded from 20 to 45 bushels of wheat to the acre—oats, barley and flax also in great abundance, while raising horses, cattle, sheep and hogs is equally profitable. Hundreds of farmers in western Canada have raised crops in a single season worth more than the whole cost of their land. With such success comes prosperity, independence, good homes and all the comforts and conveniences which make life worth living.

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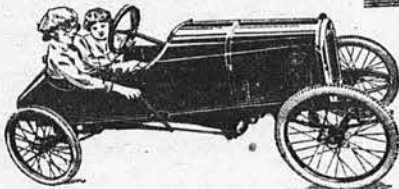
Do You Think You Can Spell?

See How Many Words You Can Make

This puzzle is a sure winner—everyone who joins the Club wins a prize. It's easy, try it. See how many words you can make out of the letters used in the word "Republican." A few of the words are: Blue, can, ran, pie, rice, etc. Don't use more letters in the same word than there are in the word "Republican." Only words that can be found in Webster's International Dictionary will be counted. This puzzle looks easy and simple, but if you can make 10 or 15 words send in your list at once. The person winning first prize may not have that many. Be first to send in your list.



15 Grand Prizes
Will Be
Given Away

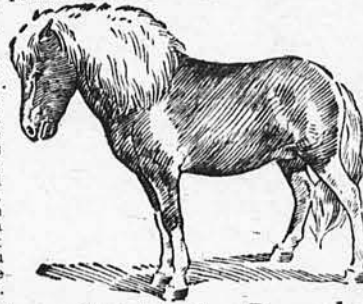


Culver Auto—1st Prize

A Real Gasoline Automobile
This is not a toy, but a real automobile, built especially for boys and girls. You can learn to run it in an hour's time. It will do anything a full sized car will do. You can run errands, take things to market, drive to school, go after the mail—all you have to do is to crank it, jump in and you are ready to go. Some girl or boy is going to be the proud owner of this Culver Racer—why not you? See how many words you can make out of above puzzle. Get an early start.

This Is "Prince"—2d Prize

How many little boys or girls would be proud to own a pony like Prince. The Pony is four years old, and about 40 inches high. It's a spotted pony with four white feet, some white in tail and mane. This does not show a very good picture of Prince, but he is a mighty pretty little pony and loves boys and girls. He wants a good home. We gave Prince's Brother away last month to a little girl just 9 years old, and I wish you knew how easy it was for her to get this pony. Don't fail to join my club. If you can spell see how many words you can make out of the above puzzle and write me TODAY.



Pencil Box, Extra Special Prize—Every Club Member Rewarded



How to Join the Club
Each one who sends in a list of words on this Spelling Club will receive 100,000 votes to start with. Just for fun see how many words you can make. We will also give 50,000 votes and a complete Pencil Box Outfit to all who join the Club. To the Club Member having the most votes at the close of the Club we will give the Culver Racer as

first prize. The second highest Club Member we will give the Shetland Pony, Prince, and so on until we have awarded the fifteen grand prizes. You will receive a complete Pencil Box Outfit just for promptness in joining the Club. Any one may enter this Club and there never was a better offer made, especially for boys and girls. Every Club Member gets a prize. If there should be a tie between two or more Club Members, each trying Club Member will receive prize tied for. Answer the Puzzle and send in your list of words to me TODAY. Be the first to get the Pencil Box.

BILLY SCOTT, 803 CAPPER BUILDING, TOPEKA, KANSAS

Still a Chance for Wheat

Crop Killers Fool Nobody But Themselves

BY JOHN W. WILKINSON

WEATHER and crop conditions during the month of January in Kansas were not as favorable for wheat and alfalfa as could be desired, but I am confident that enough rain and snow will come in February and March to supply all of the moisture that may be needed to bring these crops back to a condition that will insure profitable yields even if they should not be as large as those of the two preceding years. January so far has been our coldest month and low temperatures prevailed especially on January 19. The cold wave extended all over the western half of Kansas and thru the counties of the northeastern part of the state. Freezing weather reached every county of the state.

Western Counties Need Moisture

The snow that fell during January was not heavy enough except in the eastern third of the state to be of any great benefit. The western half of the state comprising most of the small grain belt still continues too dry for wheat. A few snow flurries fell but as a rule were too light to be measured, except from the Kaw Valley south and a few south central counties, where from 1 inch to 4 inches fell on January 18 and blanketed the ground.

Wheat was protected from the wintry blasts by the snow covering in the eastern counties, but the last week in January was distinctly unfavorable in the central and western counties, which usually constitute the chief producing sections of the state. As the crop is almost dormant and much of it is not up in the western half the damage from cold winds and lack of moisture was not as serious as might otherwise have been expected, but the best that can be said in the region that has not received moisture lately is that wheat shows no perceptible change this week. As a rule very little damage has been done anywhere either by soil blowing or by heaving from alternate freezing and thawing.

Will Plant Kafirs and Legumes

Of course a part of the wheat acreage will be abandoned but its area will be planted to kaffir, corn or some other dependable crop adapted to the various sections of the state. In the end this may tend to a diversified system of cropping and livestock farming that may be worth more to the individual farmers and the state than the wheat. The one-crop farmer whether he is in the West, the North or the South may have a streak of good luck for awhile but in the end he is sure to lose out. The man who raises a va-

riety of crops and keeps a few good dairy cows, a few mares, four or five brood sows, and two or three dozen hens will always have plenty to eat and enough money to buy whatever he needs. Sorghums and dependable legumes can be made to replace a large part of our wheat acreage to good advantage. I would like to see Kansas increase its acreage of alfalfa. For many years Kansas has ranked as one of the best alfalfa producing states in the Union but I would like to see Kansas outstrip other states in its production to the same extent that it has in wheat. More alfalfa and dependable sorghums coupled with a properly balanced system of livestock farming will insure prosperity for Kansas.

For many years America must do a large part toward helping to supply the world with food and Kansas must do its part in the future as it has in the past. Unbelievable as it may seem America last year sold 1 1/2 billion dollars' worth of food abroad. According to the United States Department of Commerce, farmers participated in the Nation's export trade to a larger extent than any other group. Kansas led all the states in wheat production, and I might say was the bread basket of the Nation.

Better Shipping Rates Needed

As soon as better freight rates on railroads, and better rates on ocean shipping are arranged and a better rate on foreign exchange can be guaranteed in connection with a widely extended system of rural credits, there ought to be a bigger demand for farm crops that will result in better prices and reasonable profits. At present there is a considerable range in prices for farm products at the various country market centers throughout the state. According to our crop reporters prices paid for wheat last week in various parts of the state ranged from 94 cents to \$1.06 a bushel; corn ranged from 31 to 50 cents, but in most sections prices range from 38 to 40 cents; oats are quoted at 35 cents a bushel; kaffir at 35 cents; barley, 30 cents; butterfat at 25 cents a pound; and eggs at 18 to 26 cents a dozen.

Special County Reports

Local conditions of crops, livestock and farm work are shown in the following special reports from our county correspondents:

Barber—The recent rain which we received was excellent for the wheat, but there was not enough. There is no wheat pasture here, but rough feed is plentiful and all kinds of livestock are doing well. Cattle are fat enough to be killed now. No farm products are changing hands and conse-

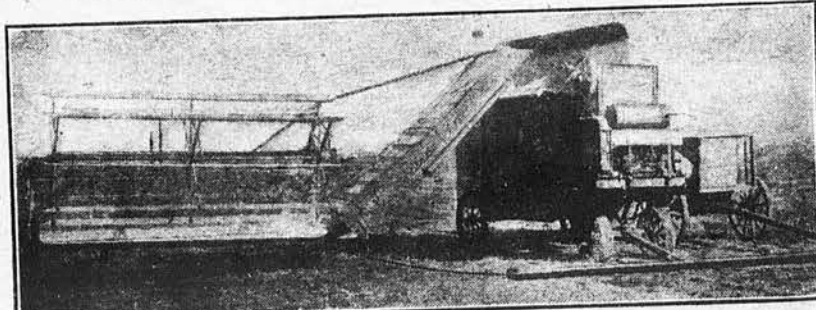
New One For Wheat Farmers

BY FRANK A. MECKEL

WE HAVE seen headers and we have seen threshers. We also have seen combined harvester-threshers. In some places we have seen threshing direct from the header barge with a regular threshing outfit, but the latest in wheat harvesting machinery has been announced very recently by one large manufacturer. This latest entrant into the grain harvest field is the header-thresher which takes the headed grain from the elevator of the header and threshes it. The threshed grain is then conveyed into a grain wagon.

A special hitch will permit of the pulling of header, grain wagon and header-thresher with one tractor, or with horses, and the process is thus complete, from cutting to loading the finished product into a wagon. Any header already on the farm may be used with this combination.

The header-thresher mounts its own power plant in the form of a six-cylinder gas engine which is belted to the threshing cylinder. The machine may be used for stationary threshing of wheat, oats or kaffir heads, or the engine may be used for any form of belt power by removing the threshing belt and substituting another for the work at hand.



quently prices are very low. Corn husking is completed, and farmers are beginning spring work.—Homer Hastings, January 28.

Brown—We have been having a very dry fall and winter and moisture is needed very much. There being cracks in the wheat fields. Wheat is worth 94c; corn, 31c; cream, 23c; hay, \$12 to \$14 and eggs are 24c; hogs, 7c.—A. C. Dannenberg, January 28.

Chautauqua—There is a two-inch snow on the ground now and will help the wheat very much. All kinds of livestock are in good condition. Stock water is getting very scarce. Taxes are higher this year. A few public sales are being held and everything brings very unsatisfactory prices. Corn is worth 56c; bran, \$1.25; butterfat, 25c; flour, \$2 and shorts are \$1.50; eggs, 25c.—A. A. Nance, January 28.

Clay—Not enough rain or snow has fallen in the past 110 days to settle the dust and much wheat ground in the northern part will be listed to corn this spring. All ice houses have been filled with ice from 6 to 10 inches thick. Farmers are cutting wood. Wheat is worth \$1; corn, 38c; butterfat, 25c and oats are 35c; hogs, \$7.25; fat steers, \$7.50; eggs, 25c.—P. R. Forslund, January 28.

Cowley—We received the first snow of the season January 20 and it will be very helpful to the wheat. A very good shower fell January 9 which put the wheat in good condition. Prices of most farm products are a little better since the last report. No public sales are being held. All kinds of livestock are in good condition. About 4 inches of snow covers the wheat fields.—L. Thurber, January 28.

Elk—We are having a cold wave now. It is very dry and the water supply is getting low. Kafir is worth 35c to 40c; corn, 40c to 42c; cream, 22c; eggs are 25c.—Charles Grant, January 29.

Ford—We have been having cold weather during the past week but no moisture. Wheat is in a very unsatisfactory condition and farmers are discouraged. Stock cattle are being sold and shipped to market. Hogs are scarce. Wheat is slowly going up but a large part of the 1921 crop has been sold. All kinds of livestock are very low in price.—John Zurbuchen, January 28.

Gove and Sheridan—We have had three light snows the last two weeks but there has not been enough moisture to help the wheat, which looks very discouraging. It is very cold and farmers are putting up ice. We are having excellent weather for stock. Very few public sales are being held. A number of cattle, hogs and a few horses are being shipped to Kansas City.—John I. Aldrich, January 28.

Greenwood—We have had no moisture so far. We had a severe cold spell on January 18 and 19, the thermometer being 4 degrees below zero. Farmers have their winter work all done and are ready for spring plowing when the ground gets in condition to plow. A number of farmers are quitting the farms to work in the oil fields. Oil companies are laying a pipe line across the northern part of the county. Lack of rain has hindered drilling to some extent.—O. H. H. Brothers, January 29.

Harvey—We had very cold weather January 18, the mercury falling to zero. We had an excellent snow January 20. Not many public sales are being held. A num-

ber of farmers are butchering hogs and cattle. Wheat is worth \$1; corn, 48c; kafir, 50c; butter, 35c and eggs are 24c; potatoes, \$1.60; apples from \$2.75 to \$3.—H. W. Prouty, January 28.

Haskell—We have had cold weather for several weeks. Cattle are in fair condition. Farmers are butchering and threshing wheat, kafir, maize and cane are being hauled to market. Moisture is needed. Early wheat is satisfactory.—H. E. Tegen, January 27.

Labette—We had nearly 4 inches of snow January 20. A considerable amount of spring plowing is being done. All kinds of livestock are in good condition. Not a great quantity of feed has been used so far. The men and boys are hunting. Wheat is still satisfactory. Many farmers are getting ready to sow oats. Flour is worth \$1.70; bran, \$1 and shorts are \$1.30; eggs, 32c; potatoes, \$1.50.—J. N. McLane, January 28.

Logan—During the past week we have had very cold weather. We have very little moisture so far and the ground is very dry. Wheat looks very discouraging. Feed is plentiful and all kinds of livestock are in good condition. No sales are being held. Cream is worth 22c; barley, 30c; corn, 30c and eggs are 18c.—T. J. Daw, January 28.

Morris—Ideal winter weather has enabled farmers to complete their late fall work and get up wood, much of which is being used instead of high priced coal. We had a light snow on January 20 but not enough to be of much benefit to the wheat which is in need of moisture very badly. Farmers are wondering why when wheat went off in price shorts and bran went up. Not many sales are being held. There have been a number of wolf drives with from three to five coyotes as a result each time. All kinds of livestock are in good condition. There will not be much surplus of feed. Wheat is worth \$1.—J. R. Henry, January 28.

Osborne—Dry weather still continues. We had a light snow January 18 and zero weather January 19 and 20. Wheat looks very discouraging, and some fields haven't sprouted yet. Corn is all in the crib. All kinds of livestock are doing well on account of open winter. Roughness is plentiful. A number of farmers are hauling water for their stock. Eggs are worth 24c and cream is 21c; corn, 30c; wheat, 98c.—W. F. Arnold, January 28.

Riley—We are having very cold weather. We have had very little snow so far and the ground is very dry and wheat is rather discouraging. All ice houses have been filled with ice from 8 to 10 inches thick. A large amount of wood has been cut and sawed this winter. There have been some reductions in the stores on retail merchandise, but they are still high in comparison to farm products. Corn is worth 40c; wheat, 98c and eggs are 30c; hogs, \$7.50.—P. O. Hawkinson, January 26.

Wichita—The weather during the last week has been cold and windy, the thermometer registering 12 degrees below zero. All kinds of livestock are looking well for this time of year. Roughness is plentiful for spring. Wheat which was sown in the stubbles looks fairly well. Some fields have blown some. We have nearly 10 inches of moisture from the snow of December 3. Corn is selling for 35c and 40c a bushel but not much is going to market and eggs are 25c; potatoes, \$3.85 a cwt.—E. W. White, January 28.

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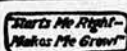
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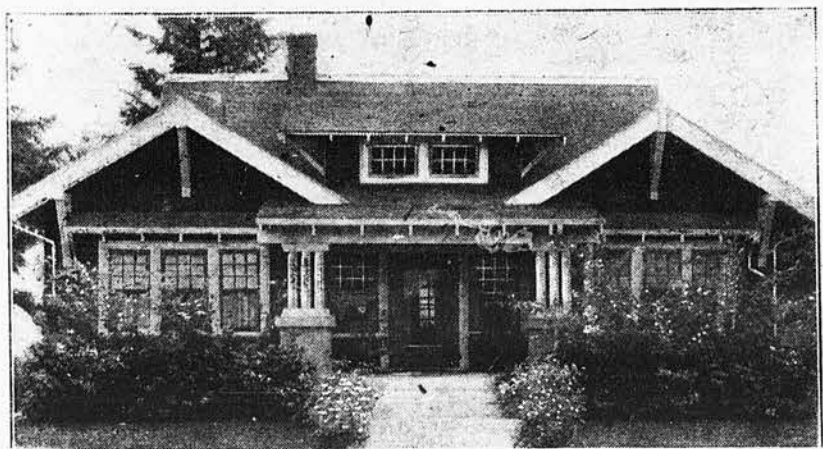
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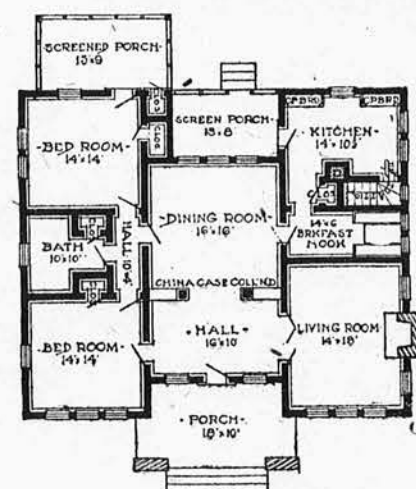


OF THE factors which combine to produce contentment in the home, perhaps the chief are: Convenience, comfort, and appearance. On appearance rests chiefly pride of possession and pride of possession is gratifying to our souls. It costs little or no more to build a house of attractive appearance than to build one of similar size lacking this quality.

The accompanying design is a work of artistic proportions and symmetry—a house which the rich man would be proud to possess and which need not necessarily be beyond the reach of the man of lesser means.

The artistic arrangement of the interior is quite in keeping with the exterior. The privacy of the bedrooms, the abundance of closets, the equal accessibility of the bathroom from all parts of the house, the very slight privacy of the living room and the wide open hospitality of the big dining room just naturally make your heart swell up a little with a kind of a love for such a home as this would be and a desire to own it. Homes like this make better men and women and better children.

Please note that we have no booklet of plans and can supply only those designs which appear in this magazine from time to time. This is design No. 1,326; the complete blueprints and specifications will be sent complete on receipt of \$15; address Home Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.



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Easy to Spot Good Layers

Boarder Hens Should be Culled and Marketed

BY JOHN W. WILKINSON

OF LATE years much attention has been given to culling poultry and many suggestions have been offered for spotting and eliminating the boarder hens. It is not nearly so difficult to distinguish the laying hens from the non-productive ones as might be imagined. Boarder hens should be spotted, culled out and marketed.

According to the American Association of Instructors and Investigators in Poultry Husbandry a laying fowl uses up the surplus fat in the body, especially it removes the fat from the skin. In yellow skinned breeds this loss of fat and pigment can readily be seen by the loss of the yellow color. The different parts of the body tend to become white, according to the amount of fat stored in the body and the amount of circulation of blood thru those parts. The changes occur in the following order:

Laying Hens Have Pink Vents

The vent changes very quickly with egg production so that a white or pink vent on a yellow skinned bird generally means that the bird is laying, while a yellow vent means the bird is not laying. It should be recognized that all yellow color changes are dependent on the feed, coarseness of skin and size of bird. A heavy bird fed on an abundance of green feed or other material that will color the fat deep yellow will not bleach out nearly as quickly as a smaller or paler colored bird.

The eyerings, that is, the inner edges of eyelids, bleach out a trifle slower than the vent. The earlobes on Leghorns and Anconas bleach out a little slower than the eyering, so that a bleached earlobe means a little longer or greater production than a bleached vent or eyelid.

The color goes out of the beak beginning at the base and gradually disappears until it finally leaves the front part of the upper beak. The lower beak bleaches faster than the upper but may be used where the upper is obscured by horn or black. On the average colored, yellow skinned bird, a bleached beak means heavy production, for at least the past four to six weeks.

Shanks Bleach the Slowest

The shanks are the slowest to bleach out and hence indicate a much longer period of production than the other parts. The yellow goes out from the scales on the front of the shanks first and finally from the scales on the rear. The scales on the heel of the shank are the last to bleach out and may generally be used as an index as to the natural depth of the yellow color of the bird. A bleached out shank usually indicates fairly heavy production for at least 15 to 20 weeks.

The yellow color comes back into the vent, eyerings, earlobes, beak and shanks in the same order that it went out, but the color returns much more quickly than it goes out. A vacation or rest period can sometimes be determined by the outer end of the beak being bleached and the base being yellow.

Body Changes Due to Laying

A laying hen has a large, moist vent, showing a wide dilated condition and looseness as compared with the hard, round, puckered vent of a hen that is not laying.

The whole abdomen as well as the vent is dilated so that the pelvic arch is widespread and the keel is forced down, away from the pelvic arch. The more eggs a bird is going to lay the following week the greater will be the size of the abdomen. The actual size of the abdomen is influenced by the length of the keel, size of eggs laid

and by the size of the bird. A sagging abdomen is undesirable.

Heavy production is shown by the quality of the skin and the thickness and stiffness of the pelvic bones. Fat goes out from the skin and body with production so that the heavy producers have a soft velvety skin that is not underlaid by layers of hard fat. The abdomen in particular is soft and pliable. The sternal processes are very prominent and are generally bent outward. The thicker and blunter the pelvic bones and the greater the amount of hard fat in the abdomen, the less the production or the longer the time since production.

Secondary Sexual Characters

The comb, wattles and earlobes enlarge or contract, depending on the ovary. If the comb, wattles and earlobes are large, full, plump, and smooth, or hard and waxy, the bird is laying heavily. If the comb is limp the bird is only laying slightly, but is not laying at all when the comb is dried down, especially at molting time. If the comb is warm it is an indication that the bird is coming back into production.

When a bird stops laying in the summer she usually starts molting. The later a hen lays in the summer or the longer the period over which she lays, the greater will be her production, so that the high producer is the late layer and hence the later molter. The length of time that a hen has been molting or has stopped laying can be determined by the molting of the primary feathers. It takes about six weeks to completely renew the primary feathers next to the axial feathers and an additional two weeks for each subsequent primary to be renewed. One or more growing feathers of the same length should be counted as one feather.

Type of Good Producers

The type of bird indicates the degree of intensity with which it can lay. Type can be applied to any breed, age, or sex or condition at any time of year.

The breast should be full, deep and prominent. The neck should be fairly short and well set. The legs should be moderately short.

The head should be moderately fine with large, bold eyes set well out on the head in an oval eye socket. A fat headed, small, round eyed or cross eyed bird or one with over-hanging eyebrows, or having a pencil pointed comb is not likely to be a good layer.

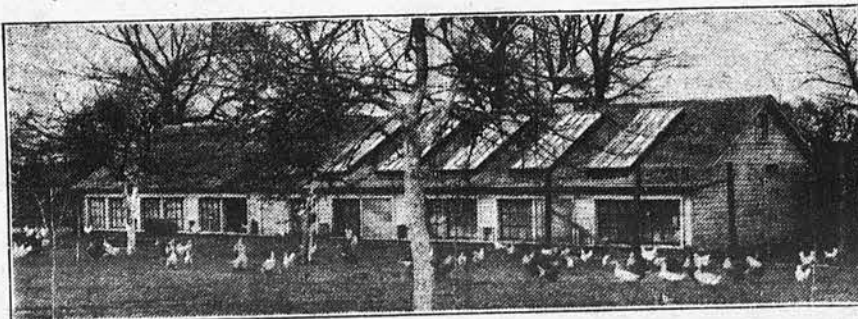
The keel bone should be long and generally curved. This frequently means that the abdomen of a good male will be small rather than large.

Long narrow feathers indicate a late maturing bird.

A good layer is more active, intelligent and friendly and more easily handled than a poor layer. A low producer is shy and flighty and stays on the edge of the flock and is the first to squawk when caught.

Government Whitewash

Make a thin paste of 50 pounds of hydrated lime in boiling water or slake ½ bushel of quicklime in about 7½ gallons of water, keeping the vessel well covered and stirring occasionally. Add 1 peck of common salt dissolved in hot water, 3 pounds of rice flour boiled to a thin paste and stirred in while hot, ½ pound of Spanish whiting and 1 pound of clear glue thoroly dissolved in boiling water. Mix well in the order given and let the mixture stand for several days before using. Apply as hot as possible with a brush or spray.



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Standard Bred Poultry Pays

BY F. E. MUSSEHL

It is easy to start with standard-bred chickens. Buy a few settings of eggs from a standard-bred flock or buy a dozen standard-bred hens and a cockerel and you have made a start.

No one will deny that a flock of birds of a uniform size, type and color looks better than a flock of scrubs varying all the way from 4 to 9 pounds in weight and with even greater variation in color.

Standard-bred chickens do look better and for that reason will get better care. You will feel more like giving a flock of standard-bred chickens a little better care and no animal on the farm reacts to good care more promptly than does the hen. A better looking flock, better care and greater poultry profits follow each other closely.

Community Breeding Centers

The possibility of community co-operation in the selection of some one breed and of developing that breed so that the community is recognized as a Barred Rock center, Rhode Island Red, or Wyandotte center, should also be emphasized. Great improvement is always possible when many minds and many hands are busy at the same task. Guernsey, Jersey and Shorthorn cattle, Percheron horses and many other of the most popular breeds of livestock were developed by community concentration on some one accepted type of animal. Poultry breeders will do well to profit by their experience.

The Best Time to Start

The buying of hatching eggs or day-old chicks is usually the easiest and the cheapest way to start. Most poultry breeders will not sell their very best stock but they are willing to sell eggs or baby chicks from their best matings. Mark the chicks with a toe punch so they can be distinguished from others.

Another very commendable way to start is to buy a dozen good yearling hens and a good egg-bred male. Two hundred and fifty standard chicks may easily be produced from a breeding pen of this size the first year.

Build Brooders Early

Brooder houses for spring chickens will serve many useful purposes and be in good order for spring if built during the winter. A brooder house is a paying investment on any farm. It means that the farmer will have a place to give the early pullets a better chance to develop before the laying season opens. Not only this, but in the winter it will serve as a place to keep the excess supply of cockerels.

A 10 by 12 shed roof brooder house will accommodate 300 chicks. It can be heated with a coal brooder stove and good results obtained. However, in planning for a coal brooder it is well to see that a year's supply of hard coal can be obtained in advance.

Where a large number of chicks are to be raised during the coming season it is well to begin building early so that there will be plenty of room when the chicks hatch. Many chicks are lost each year due to the crowding of the young chicks.

Early Hatches are Best

Early spring is nature's most favorable growing season. By hatching chicks early they will have the advantage of this favorable growing season and a longer growing period than those hatched during the late spring or early summer. Given the same feed, care, and attention, chicks hatched the first of March will weigh more when they are 4 months old than those hatched the first of May when they are 4 months old. The rate of growth of a chick is greater during the first four weeks of its life than at any other period.

February, March, and April are the best months for hatching in the North Atlantic, North Middle, Western, and Northwestern states, while January, February, and March will be found the best months for hatching in the Southern and Southwestern states. If you do not have any broody hens, get several from a neighbor or elsewhere, use an incubator, or take some eggs to a nearby hatchery. Chicks hatched early with proper care and attention should reach maturity and start laying in September, October, or November. It is during these fall months that the

hens are getting ready for winter by molting and growing new feathers. But few hens grow feathers and produce eggs at the same time. Therefore, when hens are molting, eggs are scarce. When eggs are scarce, prices are high. The solution then is to hatch early so as to have early maturing pullets that will produce eggs when hens are molting.

Keeping the Flock Healthy

BY A. J. DURANT

Since the success of the poultry industry depends to a great extent on the health of the birds, it can be readily seen that any measures directed toward the prevention of diseases is important. The most important preventive measures against diseases consists in proper management and proper housing of the flock. Damp, unsanitary, poorly ventilated, over-crowded, drafty quarters are conducive to the development of diseases, and a poultryman cannot expect to escape the disease when he permits such conditions to exist.

Birds should be fed at regular intervals; and a liberal well balanced ration is important. A balanced ration is one in which all the food elements required by the bird is supplied. Routine treatment for parasites should be carried out. During cold damp weather, the birds should be properly housed. The dropping boards should be cleaned daily, and the litter should be cleaned out and renewed whenever it becomes unclean with the droppings of the birds.

When a disease appears in a flock, isolate the diseased individuals at once, and use disinfectants freely in the poultry house and yards. Twice a year a thorough system of whitewashing and disinfecting should be carried out. Freshly slaked lime should be used in making a whitewash; barrel rock lime should be dumped under a convenient shed, and enough water added to make it crumble into a powder. It should be used in 24 hours after mixing. A thick coat spread over the ground will destroy the eggs of worms that infest poultry and also disease-producing germs.

The whitewash is best applied by means of a spray pump—a foot bucket pump, fitted with 5 to 7 feet of hose and the nozzle attached to a small pole 5 or 6 feet long. This pole enables one to direct the spray of whitewash into all parts of the poultry house. It is generally necessary to strain the whitewash to prevent clogging of the nozzle.

The floor of the poultry house is best disinfected by spraying with a 3 per cent solution of compound cresol, a little less than a teacup of the disinfectant to a gallon of water will give about the right strength.

Trap Nests Increase Profits

Poultrymen are advised that N. L. Harris, poultry specialist of extension division, of the Kansas State Agricultural College, Manhattan, Kan., is very desirous of receiving the names of all persons who are actually trap-nesting their poultry, whether in Kansas or not. Persons so trap-nesting are requested to send Mr. Harris a letter stating the breed, size of flock and records made.

The need for high egg production is opening a large field for those who can and are trap-nesting. Many persons are now advertising trap-nesting stock who are not actually keeping a record of their flocks. It is the desire of the extension division of the Kansas State Agricultural College to get a knowledge of those actually trap-nesting so that they may certify these flocks which will be of great advantage to the owner for advertising purposes.

Using Alfalfa at a Profit

A publication of great value has just been issued by the Government which should be on every Kansas farm on which legumes are grown. This is Utilization of Alfalfa, Farmers' Bulletin No. 1,229; it can be obtained free on application to the United States Department of Agriculture, Washington, D. C.

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The Farmers' Calendar

Feb. 6-11—Farm and Home Week, Kansas State Agricultural College, Manhattan, Kan.

Feb. 7—Meeting of Kansas Short-horn Breeders' Association, Manhattan, Kan.

Feb. 9—Annual Meeting of the Kansas Sheep Breeders' and Feeders' Association, Manhattan, Kan.

Feb. 10-17—Automobile Show, Kansas City, Mo.

March 6-7—Missouri Poultry and Egg Shippers' Association, Hotel Baltimore, Kansas City, Mo.

March 21—Annual Meeting Holstein-Friesian Association, Topeka, Kan.

Bright Future for Breeders

BY F. S. KIRK

From the best figures available, it is very evident that the shortage of beef cattle is no longer a vision in the minds of the cattle breeders. We are undoubtedly face to face with a meat famine. We have been burning the candle at both ends since the war and fail to realize that the cattle and hog industry has been going to ruin. For the past four years the stockyards have been overcrowded with cattle rushed to market, not on account of over supply, but on account of forced liquidation. During 1918 and 1919 the Southwest, including Western Kansas, Oklahoma, Texas and New Mexico rushed their cattle to market on account of continued drouth resulting in both a shortage of water and feed. In 1920 the same condition prevailed in Idaho, Utah, Wyoming and Montana. During the past year the financial depression has continued to force thousands upon thousands of cattle upon the market. In the meantime scores of big ranches have been depleted of cattle.

The ranges of Texas are more than 2 million head short of the normal supply. Oklahoma is 800,000 head short of stockers and feeders, while Kansas is more than 1 million short of the same class of cattle. It is reported that the total meat supply of cattle, sheep and swine is not more than 50 per cent of the supply in 1910 when pro-rated with the population. It is a general impression that the American people are not eating as much meat as before the war. However, the records of federal inspected slaughter show that a total of 6½ million more hogs and cattle were slaughtered during the first nine months of 1921 than were slaughtered during the first nine months of 1913. Of this number, 2 million were cattle and 70 per cent of the mature cattle marketed were females. In the first nine months of 1913 a total of 1,490,000 calves were slaughtered. In the same period of 1921 the number increased to 2,947,215, or almost double.

Notwithstanding that we slaughtered 2 million more cattle during the first nine months of 1921 than we did in 1913, the shortage of cattle is made still more evident by the total receipts of cattle at the five leading markets,

which were \$13,000 less than were received at the same markets during the same period of 1920 and more than 2 million less than were received during the same period of 1919.

The Government records show the supply of meat in cold storage November 1st, 1921, was 177,680,000 pounds less than was in cold storage November 1, 1920.

Mexico has taken 285 per cent more of our cattle for slaughter during the first 11 months of this year than they did in 1920. They are also taking thousands upon thousands of breeding cattle to restock their depleted ranges. With the shortage of cattle that is evident on every hand it is only a question of a very short time until there will be a general revival in the demand for good seed stock. As less than 3 per cent of all the cattle are purebred the future certainly looks bright to everyone engaged in the production of registered beef cattle.

Farm and Home Week

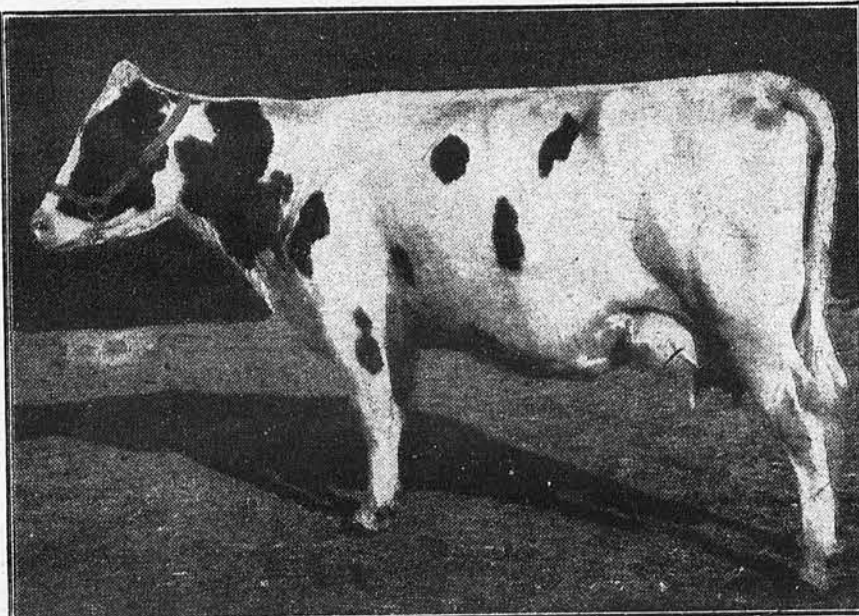
Everything is in readiness for the big events of Farm and Home Week at the Kansas State Agricultural College at Manhattan. There will not be a dull moment from the time the exercises open on Monday, February 6 until the close on Saturday, February 11. Some of the best talent ever obtained for Farm and Home Week has been engaged for the general assembly and evening programs in the auditorium. All of these speakers will have messages of vital importance dealing with the serious problems that are now confronting the farmers of Kansas.

There will be short courses in poultry husbandry, agricultural economics, farm management, entomology, and zoology, horticulture, beekeeping, dairying and many other subjects of interest to farmers. Many important farm meetings also will be held in connection with Farm and Home Week. The Kansas Farm Bureau will meet February 8 to 9; Kansas Dairy Association, February 7 to 9; Kansas Short-horn Breeders' Association, February 8; Kansas Sheep and Wool Growers' Association, February 9; Kansas Horse Breeders' Association, February 8; Kansas Sheep Breeders' Association, February 9; Kansas Livestock Breeders' Association, February 10; Kansas Crop Improvement Association, February 8 to 10.

Study Land Utilization

Five scientists of the United States Department of Agriculture have been named by Secretary Wallace to study the problem of land utilization, especially with respect to the Nation's future requirements. Consideration will be given to the country's present crop production, home consumption and foreign demand, relating the land now under cultivation to present and near-future demands. A careful survey and classification of lands which can be brought under cultivation and the conditions necessary to make it profitable probably will be made. The suggested survey will include the arid lands of the West suitable for irrigation, swamp lands which can be drained and cut over timber lands.

The giving of the left hand in greeting is a compliment in France.



Zwingara Segis Clothilde, Holstein-Friesian Grand Champion Cow Kansas National Livestock Show; George B. Appleman, Sedgwick County, Kansas

Mayer

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Take Aspirin only as told in each package of genuine Bayer Tablets of Aspirin. Then you will be following the directions and dosage worked out by physicians during 21 years, and proved safe by millions. Take no chances with substitutes. If you see the Bayer Cross on tablets, you can take them without fear for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago and for Pain. Handy tin boxes of twelve tablets cost few cents. Druggists also sell larger packages. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylicacid.

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"Dandelion Butter Color" Gives That Golden June Shade and Costs Really Nothing. Read!

Before churning add one-half tea spoonful to each gallon of cream and out of your churn comes butter of Golden June shade to bring you top prices. "Dandelion Butter Color" costs nothing because each ounce used adds ounce of weight to butter. Large bottle cost only 35 cents at drug or grocery stores. Purely vegetable, harmless, meets all State and National food laws. Used for 50 years by all large creameries. Doesn't color buttermilk. Absolutely tasteless.

Wells & Richardson Co., Burlington, Vt.

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Last year's prices cut half in two. Write today for 1922 Harness Bargains.

DUVE—The Harness Man

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Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
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
25.....	2.50	8.00			

RELIABLE ADVERTISING

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 discontinuance or change of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

MASON SOLD 18 SPRAYERS AND AUTOWASHERS ONE SATURDAY. Profits \$2.50 each. Square deal. Particulars free. Rusler Company, Johnstown, Ohio.

WE PAY \$200 MONTHLY SALARY, FURNISH RIG AND EXPENSES TO ALL WHO QUALIFY introducing guaranteed poultry and stock powders. Bigler Company, X671, Springfield, Ill.

MERRITT SOLD 34 SPRAYERS AND AUTOWASHERS in one day, profits \$2.50 each. Many practical uses. Experience unnecessary. Free sample proposition. Autowasher Company, Johnstown, Ohio.

WOMEN: HERE IS YOUR CHANCE TO make an independent income selling high grade line of women's and children's wearing apparel direct to consumers. Company old established concern. Merchandise absolutely high grade. Sold at price that makes salesman's efforts highly profitable. Experience unnecessary. Write Mrs. O. L. Thompson, 312 W. 8th St., Topeka, Kan.

WANTED—A FEW MORE GOOD, RELIABLE men to sell National Brand fruit trees and a general line of nursery stock. Carl F. Heart of Kansas earned \$2,312.67 in 18 weeks, an average of \$128.48 per week. You might be just as successful. We offer steady employment, loan outfit free and pay cash weekly. Write at once for terms, territory, etc. Catalog free to planters. National Nurseries, Lawrence, Kan.

HELP WANTED

EXCEPTIONAL OPENING. THOSE DESIRING plain sewing home. Any sewing machine. City-country. No canvassing. Steady. To prevent curiosity seekers, send 12 cents. Samples-information. Goodwear Cloth Co., Inc., Asbury Park, N. J.

EMPLOYMENT WANTED

GIRL WANTS HOUSEWORK IN CHRISTIAN home. Give references. Address P. L. care Mail and Breeze.

FARM WORK WANTED BY AN EXPERIENCED and dependable married man. Employment with Christian people desired. Address: Agriculturist, Mail & Breeze.

SERVICES OFFERED

PLEATINGS, ALL KINDS. MRS. M. J. Mercer, 800 Topeka Blvd., Topeka.

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

IS YOUR WAY BETTER? PATENT YOUR improvements. Lamb & Co., Patent Attorneys, 1419 G. Street, Washington, D. C.

COLLECTIONS, ACCOUNTS, NOTES, claims collected everywhere on commission; no collection, no pay. Allen Mercantile Service, 252 Lathrop Bldg., Kansas City, Mo.

WANTED, ORDERS FOR APRONS including children's. All designs. Ranging price 75 cents to \$4.00. State size and color. Orders taken permanently. Mrs. Francis Krone, R. 4, Delphos, Kan.

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

WANTED TO BUY

WANTED: HARVESTER THRESHER. Must be in good condition. Burt Dolph, Colby, Kan.

WANTED 200 WHITE ESQUIMO SPITZ puppies about six weeks old. Brockway's Kennels, Baldwin, Kan.

WANTED: GOOD ALFALFA SEED. STATE quantity for sale, mail sample to Mitchell Seed Co., St. Joseph, Mo.

PRICE US ALFALFA SEED WITH SAMPLES in any quantity from 5 bushels to a car load, any grade. The L. C. Adam Mfg. Co., Cedar Vale, Kan.

TYPEWRITERS

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

BUSINESS OPPORTUNITIES

GARAGE BUSINESS FOR SALE. GOOD location. Levi Anderson, Agenda, Kansas.

GENERAL MERCHANDISE BUSINESS, splendid opportunity \$25,000 cash only. Forty years in Illinois town. Write for particulars. D335 Capital, Topeka, Kansas.

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

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

EDUCATIONAL

MOLER BARBER COLLEGE, LARGEST and best. Write for free catalog. 544 Main St., Kansas City, Mo.

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

GOVERNMENT NEEDS RAILWAY MAIL Clerks \$133 to \$192 month. Write for free specimen questions. Columbus Institute, P. 4, Columbus, Ohio.

BECOME GOVERNMENT RAILWAY MAIL clerks. \$135-\$195 month. List positions free. Write immediately. Franklin Institute, Dept. A-15, Rochester, N. Y.

ALL MEN, WOMEN, BOYS, GIRLS OVER 17 willing to accept Government Positions \$135 (stationary or traveling) write Mr. Ozment Dept. 167, St. Louis, Mo., immediately.

AMBITIOUS WRITERS SEND TODAY FOR Free copy America's leading magazine for writers of photoplays, stories, poems, songs. Instructive, helpful. Writer's Digest, 661 Butler Bldg., Cincinnati.

FOR SALE OR TRADE

GOOSE FEATHERS \$1.50 LB. COLY COLE, Sharon, Kan.

GOOSE AND DUCK FEATHERS FOR sale. Jesse Gear, Goessel, Kan.

TYPEWRITERS FOR SALE. TRIAL AND payments. Josephine Yotz, Shawnee, Kan.

1920 REO TRUCK FOR SALE. IN GOOD condition. Priced right. Box 457, Ellis, Kansas.

SHELLED RICE POPCORN. 50 LBS. \$1.50. 100 lbs. \$2.75. Herman Staff, Whiting, Kansas.

FOR SALE—A SMALL PORTABLE SAW-mill in good condition, cheap. Box 165, Attica, Kan.

AULTMAN 23-36 SEPARATOR IN GOOD condition. Ruth feeder, Hyatt roller bearings on cylinder shaft. If interested write W. H. Hancock, Edna, Kan.

WILL TRADE MY BRAND NEW WALLIS Cub Jr. Tractor with three-bottom plow for stock cattle, milk cows or heifers or stock hogs. This outfit never used. What have you to offer? E 336 Capital, Topeka, Kansas.

KODAK FINISHING

FOR 25c WE DEVELOP ANY SIZE ROLL and 6 quality velvet prints. Film packs and 12 prints 50c. The Photo Shop, Topeka, Kan.

TRIAL ORDER—SEND 25c AND ROLL for 6 beautiful glossstone prints or 6 reprints. Fast service. Day Night Studio, Sedalia, Mo.

TOBACCO.

HOMESPUN MILD SMOKING TOBACCO. 10 lbs. \$2; 20 lbs. \$3.50. Chewing, 10 lbs. \$2.75. Farmers Club, Mayfield, Ky.

TOBACCO: KENTUCKY FINEST CHEWING. 10 lbs. \$3.25. Smoking, 10 lbs. \$2.50. 20 lbs. \$4.00. Stubblefield and Son, Mayfield, Ky.

KENTUCKY LEAF TOBACCO: 3 YEARS old, nature cured. Don't send a penny, pay for tobacco and postage on arrival. Extra fine quality chewing or smoking, 10 lbs. \$3.00; medium quality smoking 10 lbs. \$1.25. Farmers' Union, D19, Hawesville, Ky.

TOBACCO—KENTUCKY'S FINEST. 3 years old. Don't send money. Pay for tobacco and postage on arrival; delivery guaranteed. Finest quality chewing and smoking, 10 pounds, \$2.25; medium smoking, 10 pounds, \$1. Prices good until March first. Othmer Shown, Hawesville, Ky.

NURSERY STOCK

GRAPE VINES, CONCORD, 1 YEAR NO. 1, 25 for \$2; 100 for \$6, prepaid. State inspected. H. A. Hedding, R. 1, Coloma, Mich.

FRUIT TREES, GRAPE VINES, BERRY plants, forest tree seedlings, evergreens and ornamentals. Write for catalog. Greenwood County Nursery Co., Eureka, Kan.

FRUIT TREES. GREATLY REDUCED prices. Direct to planters. No agents. Peaches, apples, pears, plums, cherries, grapes, berries, nuts, pecans, mulberries, ornamental trees, vines and shrubs. Free 64 page catalog. Tennessee Nursery Co., Box 124, Cleveland, Tenn.

TREES AND SEEDS. REDUCED PRICES on our quality nursery stock at wholesale planters prices. Northern grown tested garden flower and field seeds at low prices. Send today for our catalogs full of valuable information on culture of trees and plants. Box B, Wichita Nurseries and Seed House, Wichita, Kan.

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VEIL MATERNITY HOSPITAL—OFFERS efficient medical and hospital care supplementing congenial homelike surroundings for young women during confinement. Private, reasonable. Babies for adoption. 512 E. Main St., Corry, Pa., 15 W. 31st Street, Kansas City, Mo.

FOR THE TABLE

PURE EXTRACTED HONEY, 60 POUNDS, \$6.50; 120 pounds, \$12 here. M. P. Weeks, Delta, Colo.

HIGHEST GRADE EXTRACTED HONEY. 60 pounds, \$6.50; 120 pounds, \$12; here. Drexel & Sons, Beekeepers, Crawford, Colo.

NEW CROP TABLE RICE AND PEANUTS. 100 pounds in double sacks. F.O.B. Katy, as follows. Beautiful clean white rice, \$3.65. Re-cleaned Spanish peanuts, \$4.50. J. Ed. Cabaniss, Bx 90, Katy, Texas.

"THEBESTO" HONEY—DELICIOUS, MILD flavor; light color; satisfaction guaranteed or money back; 5-lb. can postpaid, \$1.40; c. o. d. if desired. Write for prices on quantities. Colorado Honey Producers Association, Denver, Colorado.

SEEDS AND PLANTS

BEST WHITE SWEET CLOVER \$4 BU. Henry Harper, Severy, Kan.

SWEET POTATO SEED YELLOW JERSEY. H. C. Hays, Manhattan, Kan.

STRAWBERRY PLANTS. \$3 PER 1,000. List free. J. Sterling, Judsonia, Ark.

GOLDMINE SEED CORN, \$2.00 PER BU. Samples free. J. F. Feigley, Enterprise, Kan.

SEED SWEET POTATOES 14 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

KANOTA OATS, 75 CENTS IN MORE THAN twenty five bushel lots. Bruce Wilson, Keats, Kan.

MAMMOTH RED CLOVER SEED PRICE per 100 lbs. or less, 18 cents per lb. F.O.B. Coffeyville, Kan. Address H. F. Schnetz, Elliott, Okla.

PURE HOME FARM GROWN U. S. GOVERNMENT endorsed, Pedigreed Broom Corn Seed. Write to Fanning Broom Corn Seed Co., Oakland, Ill.

SWEET POTATOES, SEED AND EATING. Plants for sale in season. Seed corn, yellow and white. Write for prices. C. R. Goerke, Sterling, Kan.

WHITE SWEET CLOVER. BEST QUALITY cheap. Unequalled permanent pasture. Minimum labor. Sow on damaged wheat. Pasture after harvest. Information. John Lewis, Virgil, Kan.

ALFALFA SEED, COMMON, 14 CENTS pound. Germ 40 cents pound. All highest quality, bright as gold, free of noxious weeds. Guaranteed 95% pure, 91% growth. Samples free. Wm. Uttermann, Seedsman, Grand Junction, Colo.

BUILDING SUPPLIES

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

MACHINERY

BARGAIN NOW, 10 FT. MOLINE TRACTOR binder, good condition, use any tractor. Robert Jewett, Burlington, Kan.

FOR SALE—ONE NICHOLS SHEPARD 20 horse, double cylinder steam engine in extra good condition. Henry C. Meyer, Palmer, Kan.

FOR SALE: PARRETT TRACTOR; 3-BOTTOM Vulcan plow. Good condition. Operated two seasons only, by myself. Cost \$2,000.00. A real buy at \$750. Creighton Tabb, Route 8, Paola, Kan.

FOR SALE—20-40 OIL PULL AND 32-52 Advance Rumely Separator, nearly new. New 16-30 and 12-20; 16-30 rebuilt; some good steam engines; 12-25 Heider and 18-35 Titan; all priced to sell. Wakefield Motor Co., Wakefield, Kan.

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SHEPHERD AND COLLIE PUPS. E. J. Barnes, Clay Center, Neb.

GREYHOUND PUPS—TEN DOLLARS PER pair. Wallace Ericson, Bridgeport, Kansas.

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GERMAN SHEPHERD, AIREDALES, COLLIES and Old English Shepherd dogs. Brood matrons, puppies. Bred for farm helpers. Spotted Poland China hogs. 10c for instructive list. W. R. Watson, Mgr., Nishna Pure Bred Stock Co., Box 221, Macon, Mo.

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SHIP YOUR LIVE STOCK TO US—COMPETENT men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on orders. Market information free. Ryan Robinson Commission Co., 425 Live Stock Exchange, Kansas City Stock Yards.

STRAYED

TAKEN UP BY E. F. ARMSTRONG OF Altamont, Labette county, Kansas, on January 23, 1922, one dark red cow about 6 years old, with white spots on body, and white feet. W. W. Barnard, County Clerk, Oswego, Kansas.

TAKEN UP ON OCTOBER 1ST, BY MARTIN Ludwig of Cedar Point, Chase county, Kansas, one red horned steer four years old with "diamond" on left side, large "D" on left hip, and "C" on left side. C. A. Coe, County Clerk, Cottonwood Falls, Kan.

PET STOCK

FERRETS TRAINED: J. J. SHINE, 417 N. Seneca, Wichita, Kan.

FERRETS—GOOD HUNTERS, RATTERS. K. Breman Co., Danville, Ill.

MISCELLANEOUS

RAG CARPET WEAVING. WRITE MRS. H. Reilsbeck, Montrose, Colo.

PHONOGRAPH RECORDS AND PLAYER piano rolls exchanged. Trade old for new. Stamp brings catalog. Fuller, Wichita, Kan.

POULTRY

ANDALUSIANS

BLUE ANDALUSIAN COCKERELS, \$2. Mrs. A. Robinson, Halls Summit, Kan.

BLUE ANDALUSIAN CHOICE COCKERELS, \$3 each. Edwin Guldner, Satanta, Kan.

ANCONAS

ANCONA HENS AND PULLETS FOR sale, \$2 each. Shem Yoder, Yoder, Kan.

ANCONA COCKERELS, HEAVY LAYING Gies Strain. \$2. \$3. \$5. Mrs. Helen Lill, Mt. Hope, Kan.

CHOICE ANCONA COCKERELS, \$1.50. Laying pullets, \$1.50. Shepherd strain. Mrs. Jacob Nelson, Broughton, Kansas.

PURE BRED SINGLE COMB ANCONA chicks and eggs for hatching. Price reasonable. Mr. and Mrs. Walter Pierce, Chapman, Kan., R. 3.

ANCONAS: EGGS, BABY CHICKS AND cockerels from blue ribbon stock. Bred for egg production. Theo. Zercher, Box 648, Topeka, Kan.

SHEPPARD'S FAMOUS ANCONAS World's best layers 331 egg record. Big one hundred page, finely illustrated catalog for ten cents. Cecil Sheppard, Berea, Ohio.

SINGLE COMB ANCONAS, FAMOUS SHEPPARD foundation. Selected Hoganized range flock. Eggs 15, \$1.50; 100, \$7.00. Chicks, 16 cents. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

PLYER'S PROFIT PAYERS—ORCHARD Home Single Comb Anconas. Winter layers. Hardy hustlers. Hatching eggs postpaid to you 15 for \$1.50; 50 for \$4.50; 100 for \$8.00. Hatch guarantee. Circular free. Frank Pyle, R. 3, Osawatimie, Kan.

LINGERLONGER ANCONAS. WON LOV-ing-cup, best display, "Heart of America." Twelve firsts at five big shows this season. Over 200 egg official record hens. Stock, eggs, baby chicks. Free catalog. Lingerlonger Farm, Box K, Weaubleau, Mo.

BABY CHICKS

HUNT FOR HUNT'S BABY CHICKS. HUNT Hatchery, Clifton, Kan.

PURE BRED BABY CHICKS. HARD TIME prices, 8c up. Young's Hatchery, Wakefield, Kan.

PURE BRED BABY CHICKS AND EGGS, popular breeds. Chicks, 10c to 16c. Clanin Hatchery, Jewell, Kan.

QUALITY CHICKS—LEGHORNS, 13c; large breeds, 14c. Live delivery postpaid. Fleda Jenkins, Jewell, Kan.

SINGLE COMB WHITE LEGHORN BABY chicks. Am booking orders now. Mrs. Anna Hege, Sedgwick, Kansas.

BABY CHICKS: 25 BEST VARIETIES. Our price list tells the story. Sent free today. Steinmesch, 305, St. Louis, Mo.

S. C. WHITE LEGHORN CHICKS FROM high producing stock \$15 per 100, \$17, 500. Postpaid. C. G. Cook, Lyons, Kan.

BUFF WYANDOTTE BABY CHIX 15c each. Eggs 10c. State Fair Winners. Order early. Wyckoff Bros., Luray, Kan.

YOUNKIN'S CHICKS—LEADING VARIETIES. 10c up. Send for prices on early chicks. Younklin's Hatchery, Wakefield, Kan.

BABY CHICKS, 9c UP. POSTPAID. Twelve pure breeds. Best guarantee. Catalog free. Booth Hatchery, Clinton, Mo.

PURE BRED SINGLE COMB WHITE Leghorn baby chicks. Write for circulars. Rockyview Stock & Poultry Farm, Wamego, Kansas.

BABY CHICKS \$12.00 A 100 UP. BEST stock, free delivery. Arrival guaranteed. Catalogue free. Standard Egg Farms, Cape Girardeau, Mo.

WENGERS PURE BRED S. C. W. LEG-horns. Chicks, \$10.50 per 100; \$50 per 500. Live delivery. Prepaid. Jonas Wenger, Canton, Kan.

BABY CHICKS—SINGLE COMB LEG-horns. Tom Barron 240 egg strain Buff Leghorns. Prices right. Queen Hatchery, Clay Center, Kansas.

YOU BUY THE BEST CHICKS FOR THE least money, guaranteed alive and shipped everywhere, 18c to 20c from Colwell Hatchery, Smith Center, Kan.

50,000 SINGLE COMB WHITE LEGHORN chicks from heavy laying strains. Prices reduced. Live delivery prepaid. Myers Hatchery, Clay Center, Kan.

YOU BUY WORLD'S BEST SINGLE COMB White Leghorn chicks at \$15 per 100. That will make you money from Clara Colwell, Smith Center, Kan.

PURE BRED BABY CHIX AND HATCHING eggs. Leading varieties 10 cents up. Postpaid safe delivery. Catalogue free. Brewer Hatchery, Minneapolis, Kan.

SINGLE COMB WHITE LEGHORN chicks. From choice Hoganized flocks. Live delivery. Postpaid, 13 cents. Wyllies Hatchery, Clay Center, Kan.

SINGLE COMB WHITE LEGHORN BABY chicks. Frantz, large winter laying strain, 14c. Eggs 6c. Delivery guaranteed. Postpaid. P. B. Way, Canton, Kansas.

BABY CHICKS—SINGLE COMB WHITE Leghorns. Winterlayer Ferris strain, 14c. Heavy breeds, 15c. Prepaid live delivery. Duckwall's Hatchery, Abilene, Kan.

PURE BRED BABY CHICKS. LEADING varieties. Popular strains. 20% cash discount if ordered by February 15th. Circular free. Anderson Farm Hatchery, Juniata, Neb.

SINGLE COMB BARRON WHITE LEG-horns, 16c. All leading varieties hatched. Guaranteed live delivery. Taking orders now for March and April. Mrs. C. F. White, N. Topeka, R. 4.

BABY CHICKS—PURE BRED WHITE, Buff Brown Leghorns; Barred and White Rocks; White Wyandottes; at let live prices. Postpaid, live delivery. Clay Center Hatchery, Clay Center, Kan.

BABY CHICKS

BABY CHICKS AND DUCKLINGS. ALL varieties. 12 cents and up. 3,000,000 for 1922. St. Louis' largest hatchery. Live arrival guaranteed. Write for prices. Heidelberg Poultry Farms, St. Louis, Mo.

CHICKS, 12TH YEAR. WHITE AND Brown Leghorns. Bred to lay stock. Large white eggs. Safe arrival guaranteed. We ship 1,500 miles parcel post paid by us. First hatch March 1st. Catalog free. Wolter Hatchery, Zeeland, Mich. R. C. 2.

THOMPSON STRAIN RINGLET ROCK baby chicks, 12c. Booking orders for February, March and April delivery. Full blood single comb Brown Leghorn baby chicks, 10c. Booking orders spring delivery. Mrs. Reube Wilson, Route 2, Melvern, Kan.

BABY CHICKS—ELEVEN LEADING VARIETIES from heavy laying strains. Live delivery guaranteed. Write for prices and our new payment plan. Hiawatha Hatchery, Dept. A, Hiawatha, Kan.

FOR SALE: AMES QUALITY CHIX. FROM standard breed selected flocks. All leading varieties. Shipments made each Tuesday after February 23. Ask for catalogue and order early. Ames Hatchery Co., Box M, Ames, Iowa.

BABY CHICKS—PURE BRED BARRON strain. English White Leghorns, from heavy producing Hogan tested stock. \$15 per hundred. Shipped special delivery parcel post. Johnson Hatchery, 109 Buchanan St., Topeka, Kan.

BABY CHICKS: PURE BREDS. ALL leading varieties. Big husky chicks from heavy laying strains. Prepaid, 100% live arrival. Satisfaction guaranteed. Get illustrated catalog. Loup Valley Hatchery, Box 98, Cushing, Nebr.

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HARRISON'S EXHIBITION EGG STRAINS. Single and Rose Comb Reds. Breeding stock, eggs for hatching. Baby chicks. Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

QUALITY RHODE ISLAND REDS, BOTH combs. Won more points than any exhibitor of Reds at Heart of America Show. Cockerels, \$3 to \$10. Free mating list. Marshall Poultry Yards, LaCygne, Kan.

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GOLDEN WYANDOTTE COCKERELS, M. M. Donges, Belleville, Kan.

BUFF WYANDOTTE COCKERELS, \$2.50. Fine. Mrs. Geo. Nixon, Peck, Kan.

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SILVER WYANDOTTE COCKERELS, \$2 each. Homer Donley, R. 6, Lincoln, Kan.

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"BEAUTILITY" SILVER WYANDOTTES. Males, Females. Mrs. Edwin Shuff, Plevna, Kan.

SILVER WYANDOTTE COCKERELS. Guaranteed to please. Earl Wood, Gill, Colo.

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WHITE WYANDOTTE COCKERELS, \$3 and \$5 each. Mrs. Robt. Greenwade, Blackwell, Okla.

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WHITE WYANDOTTES—MARTIN AND Keeler strain direct. Record layers. Closely culled. The kind that please. 100 eggs, \$8.00; 50, \$4.50; 30, \$3.75; 15, \$2.00. Pen eggs, 15, \$5.00; 30, \$9.00. Orders filled promptly. Safe delivery and satisfaction guaranteed. Garland Johnson, Mound City, Kan.

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WHITE HOLLAND TOMS \$8, HENS \$5. Clara Collins, Sedan, Kansas.

MAMMOTH WHITE HOLLAND TOMS \$10. Mrs. Will Jones, Wetmore, Kan.

PURE BRED BOURBON RED TOMS, \$9. Hens, \$5. Roy McStay, Downs, Kan.

PURE BRED NARRAGANSETT TOMS, \$10. Mrs. Everett Booher, Fredonia, Kan.

PURE BRED BOURBON RED TOMS, \$8-10. Tom Marsh, Deerhead, Kansas.

BOURBON REDS, WELL MARKED, TOMS, \$9; two, \$17. E. V. Eller, Dunlap, Kan.

MAMMOTH BRONZE TOMS, MAY HATCH, 30 lbs., \$12.50. Irvin Brown, Ashland, Kan.

MAMMOTH BRONZE 20 TO 45 POUND TOMS, \$10 to \$35. Laura Ullom, Lamar, Colo.

MAMMOTH BRONZE TURKEYS, PRIZE winning stock. Toms, \$12. Mrs. Oscar Morris, Grenola, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS. Toms, \$12. Pullets, \$7. M. F. McLain, Sun City, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS. Toms, \$12.50; hens, \$8.50. W. Williams, Carlton, Kan.

TURKEYS

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LARGE BONED MAMMOTH BRONZE TOMS 22-30 pounds, \$12.50 to \$15. Mrs. Earl Brubaker, Lamar, Colo.

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BRONZE TURKEYS, GOLDBANK STRAIN, sire won first at Topeka state show 1921. Toms, \$12, \$15; pullets, \$8. Minnie Snider, Route 2, Piedmont, Kan.

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NOW BOOKING ORDERS FOR BRONZE turkey eggs and baby turks. Price list free. Red Wing Poultry Farm, Miltonvale, Kan.

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McPHERSON COUNTY POULTRY ASSOCIATION offers you first quality eggs or chicks. All main breeds represented. Seven hundred county birds entered in 1921 show. Make your needs known to G. R. McClure, Secretary, McPherson, Kan.

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IF DISSATISFIED WITH LOCAL Poultry and egg market write for cash offers. Coops loaned free. "The Copes," Topeka.

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MASTER BREEDER CHICK BOXES FOR shipping live chicks carried in stock. Interesting prices. Schwarz Paper Co., Lincoln, Neb.

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Prizes for County Fairs

BY ROY A. COOK

The American Shorthorn Breeders' Association awards to 400 county fairs for 1922 the sum of \$10,000 for a grand championship prize for bulls, the fairs putting up an equivalent amount for the grand championship female. This makes \$25 for the Shorthorn bull and a like amount for the Shorthorn female at each of these fairs.

Recognizing that the farmer buys a Shorthorn bull in preference to other beef bulls because he expects to get a little more milk as well as the Shorthorn increase in weight, the association this year asks the 400 county fairs awarding these grand championship prizes to require that cows competing for the cow prize be milked out the night before the judging is done, and be milked in

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KANSAS

GOOD LYON COUNTY improved farms, \$60 acre, up. Ira Stonebraker, Allen, Kansas.

160 ACRES, Scott Co., 90 a. cult, \$18 acre. Terms. Box 205, Moundridge, Kansas.

40 ACRES, imp., \$2,100. Exchanges a specialty. Franklin Co. Inv. Co., Ottawa, Kan.

WRITE for list eastern Kan. farms, ranches, The Eastern Kan. Land Co., Quenemo, Kan.

200 ACRES, near Emporia, well improved, \$55 per acre. T. B. Godsey, Emporia, Kan.

160 ACRES KIOWA COUNTY CORN LAND, \$30 per acre. C. F. Wells, Meade, Kan.

GOOD JACKSON CO. improved farms for sale. Melvin Ward, Holton, Kan.

BARGAIN—Improved river bottom quarter mile southeast Simpson. This is your opportunity. Walter Jones, Salina, Kansas.

640 A. level buffalo grass land, \$25 a. 10 miles town of 3,500; 1/4 down, balance to suit 7%. Write Box 135, Satanta, Kansas.

320 ACRES, Scott county, all good land, lays fine, well located, snap at \$15 acre. Terms. Write H. L. Baker, LaCrosse, Kansas.

FOR SALE—160 acres, improved, \$500 cash, balance nine yearly payments. Why rent? G. N. Kysar, Goodland, Kansas.

160 ACRE imp. stock and grain farm, 3 miles to town. \$30.00 per acre. Terms. C. M. Long, Modoc, Kansas.

CHOICE SPECULATION, 480 acres Wichita county, level, all grass, unimproved, \$15 acre. Jas. H. Little, LaCrosse, Kansas.

FOR SALE—Improved 40, 80, 120, 160. Priced right. Terms. Possession. Write for list. The Mansfield Land & Loan Company, Ottawa, Kansas.

LAND producing \$100 to \$1,000 per acre, 5 to 40 acre, payments, \$50 to \$300 down. Send for booklet. The Magnolia State Land Company, Iola, Kan.

GOOD LYON CO. DAIRY FARM, 160 a. well imp. Near Emporia, school town, 45 a. wheat, 80 cult., bal. meadow, bluegrass pasture. T. H. Hollar, R. 9, Emporia, Kansas.

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

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160 ACRES five miles town, near school, good improvements. Price \$27.50 per acre. Write for list and map. Mansfield Investment & Realty Co., Healy, Lane Co., KS.

40-80-120, all imp., 2 to 8 miles Ottawa. These farms must be sold. Owners will sacrifice, good terms. If you want a bargain come quick. Spangler Land Co., Ottawa, Kan.

80 ACRES, close to small town, all level, new house, good barn, fine soil. Price \$6,500, will give immediate possession and sell stock and equipment. Mansfield Land & Loan Co., 312-13 New England Bldg., Topeka, Kansas.

KANSAS

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

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FOR SALE—25 acres under irrigation, one mi. south of Cimarron, Kan. House, barn, garage, chicken and hog houses and irrigating plant. \$2,000 worth of tomatoes has been sold from one acre of this land. Price \$4,000. \$2,500 will handle it. If interested write. O. H. Simpson, Dodge City, Kansas.

IMP. 560 A., 5 mi. Stockton, Rooks Co., Kan. 130 a. cult. 60 a. creek bottom, part alfalfa, 3 good wells, running water, some timber, pasture, lays good, more can be broke. All fenced. Price \$50 a. good terms. Take 1/2 sec. pasture land. R. M. Montgomery, Stockton, Kansas.

BEST IMPROVED FARM EASTERN KAN. Square section, Allen Co. Smooth, 1/2 cult. \$25,000 imp. Adapted registered stock. Price \$80,000. Inc. \$30,000, first loan 9 years. Balance reasonable terms. Might take half good exchange. Write for description and picture. Iola Land Co., Iola, Kan.

THE HOME YOU HAVE ALWAYS WANTED 320 acres rich fine land on oil road; beautiful drive to K. C., wheat, corn, alfalfa, bluegrass, clover grow to perfection, living water, 6 r. house, large barns, cribs, granary, finely located, near two good towns, school across the road, possession, forced sale; \$95 per acre, attractive terms. Where can you duplicate it? See this farm. MANSFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., Kansas City, Mo.

LAND SALE AT AUCTION

Fred Oettinger, in closing his estate, has consigned to The Midwest Sales Co. his 400-acre farm, located 3 miles south of Bala, Kan., 6 mi. N. E. of Wakefield, 6 mi. S. W. of Riley, on Timber Creek, Riley Co., Kan., known as Lloyd Jones farm, to be sold at auction.

FRIDAY, FEBRUARY 10, 1922
Sale to be held on farm at 12 M.

FARM: 400 acres sections 14 and 23, twp. 9, range 4, Riley Co., Kan. 135 a. under cultivation (50 a. first class bottom), bal. pasture and mow land. Plenty good oak and walnut timber. All fenced and cross-fenced, 100 fenced hog-tight. Watered by creek and well with large reservoir, water piped into house and feed lot. Improvements: Good 7 room house, barn 20x144 with lots of room for hay and grain, basement under barn, room for 30 cows, cement floor separator room, granary 14x64 with cattle shed attached. Second granary room for 2,000 bu. grain with stock scales. Hog house, 12x60 cement floor, stone chicken house 12x44, stone garage, tool house, other outbuildings.

This is one of the real stock farms of Riley Co., has been a money maker for everyone who has lived on it. Will be sold in tracts to suit purchaser.

We will also sell 1,000 bu. corn and 100 bu. oats.

TERMS ON FARM: Ten per cent day of sale, fifteen per cent March 1, 1922, twenty-five per cent October 1, 1922, balance will be carried back on farm at the current rate of interest.

FREE BAND CONCERT. LADIES AID SERVES LUNCH.

A gold watch will be given away day of sale.

AUCTIONEERS: C. Vernon Noble, Manhattan, Kansas, and others.

MIDWEST SALES CO.,
Sales Managers, Manhattan, Kansas.

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

180 ACRES, 1 1/2 miles to college, church, asphalt road, 120 a. cleared, fine productive valley land. Fair improvements, cold spring water, fruit, \$2,500, 1/4 cash. Durham & Co., Conway, Arkansas.

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MONTE VISTA, Colorado, in heart of greatest producing farm land in Colorado. Write for free literature. Fouquet Investment Co.

715 ACRES of the finest land you ever saw, 175 wheat, 60 alfalfa, 2 sets buildings, school adjoining, 5 miles to railroad town, 45 to Denver. Two families can buy this at \$45 per acre, small payment down, crop payments at 6% on balance. Write quickly. Fredericksen Investment Company, 321 Symes Bldg., Denver, Colorado.

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FOR FLORIDA LAND, wholesale, retail, or exchange, write Interstate Development Co., Seacrest Bldg., Kansas City, Mo.

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BARGAINS IN FARMS, large and small. Easy terms. Frank Ashmore, Nevada, Mo.

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

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

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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.

160 ACRES, timber and grazing land, 1/4 million ft. timber, 3 living springs, 3 mi. to R. R. 2 shack houses, \$10 per. C. P. Turley, Van Buren, Missouri.

MISSOURI, \$5 down, \$5 monthly buys 40 acres truck and poultry land near town southern Missouri. Price \$200. Send for bargain list. Box 276, Springfield, Mo.

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LEVEL PECAN, garden and farm land, ten to fifty dollars. Farmmans Cal. A. M. Rayl, Stateline, Mississippi.

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GALLATIN Valley farms and stock ranches. Write Buell-Hines & Berthot, Bozeman, Mont.

FARMERS and renters are coming to northeastern Montana to better their condition thru our "Own Your Own Farm Plan." Booklet free. C. E. Taylor Land Co., Saco, Mont.

OREGON

640, 840, OR 1080 ACRES, three good stock and grain ranches. These are together in one ranch and will divide good. There is free water right for 170 acres; about 600 acres wheat land. Will sell together or divide. No middle man commission. Lock Box 345, Heppner, Oregon.

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226 ACRES good farming land and buildings, Vermont. Fred Stone, Vergennes, Vt.

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FOR SALE or rent for \$300, improved 200 acres, Lafontaine five miles. John Deer, Neodesha, Kansas.

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40 ACRES of Rio Grande Valley irrigated land, 6 miles north of San Benito, Texas, on Interurban road. Write owner. Elder Merc. Co., Plains, Kansas.

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SELL, BUY OR EXCHANGE farm or city property, quickly, no matter where. Circular "B" free. Farm Sales Bureau, Barry, Ill.

LAND and improved Ozark farms in Mo., Kansas, Okla. and Ark. Write for list. Four States Realty Co., Joplin, Mo.

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WANTED—Farms, city prop., mdse., to sell and exchange. J. C. Phillips, Summers, Ark.

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

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

WANTED to rent farm on shares where owner furnishes everything, can come at once. Or would work for salary in good place. Phil S. Archer, Box 65, Jetmore, Kan.

FARM WANTED—Wanted to hear from owner of a farm for sale. Give lowest price and full particulars. L. Jones, Box 757, Olney, Ill.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Columbia, Missouri.

SALE OR EXCHANGE

FARMS and city property, sale and exchange. Write H. A. Lee, Box 216, Nevada, Mo.

FARMS, city property, suburban homes. Sale or trade. Soule & Pope, Emporia, Kansas.

FOR SALE OR TRADE

Improved eastern Kansas farms, \$75 up, city property and merchandise. What have you? S. A. E. Moore, Carbondale, Kansas.

SECTION—2 mi. Matheson, Colo. Improved, 100 a. wheat, equity \$19,000. Want mdse. or income Coffey Co. farms for income mdse. Phillips Land Co., Burlington, Kansas.

240 ACRES in southeastern Idaho, 60 a. broke, 160 a. fenced, good black soil. This is good beet land. Will sell for \$30 per a. or trade for good improved \$0 in eastern Kansas. Write to G. H. Piper, Manhattan, Kan.

HIGHLY IMPROVED Iowa farm, 490 a. in Davis county, 2 sets of improvements; plenty of good water, excellent soil. Owner wants to trade for ranch in Kansas. For full particulars write to Mansfield Investment Co., Lawrence, Kan.

TRADES—TRADES—TRADES

Describe your property. Tell me what you want. Get my list. Prompt service. Reasonable commissions. No deal no pay. Trade quick with C. M. Kelley, The Land Man, Beaver City, Nebraska.

130 ACRE improved irrigated alfalfa and feeding farm, two miles from Denver, Colo. Price \$30,000; will accept half purchase price, clear income property and carry balance on farm five years 6% interest. 480 acres one mile from Colby, Kansas. Want merchandise or income property. Price \$50 per acre. H. B. Ackard, Colby, Kansas.

Why Not Help Agriculture?

To say that most of the Eastern papers have been viewing the agricultural bloc with alarm recently is putting the case mildly. Men who naturally reflect the views of Wall Street can see but little good in legislation designed to give the agricultural interests a fair deal, and as a result the outpouring of bunc has been large. It is a pleasure, therefore, to read what the Manufacturers' Record, perhaps the most substantial of the papers which circulate among the executives of manufacturing industries, has to say in the issue of January 12 on the needs of farming interests:

The President has summoned a national conference on agriculture. It may avert the political revolution which has been gathering power day by day, and which the President himself, followed by Secretary of War Weeks, sought to stay by gestures of reprimand to the so-called agricultural bloc in Congress. There is no discipline that can destroy that bloc.

A Congressional Joint Commission of Agricultural Inquiry has been intensively studying the agricultural situation for many months. There is reason to believe that it has prepared a report recommending legislation that would cut loose the strings with which usurers and an antiquated credit system have kept farmers closely tied. Elements in the executive branch of the Government, including the President himself, have been wheedled and fooled into believing that the legislation proposed is legislation for a special class, that it is favoritism, and that it is an attempt to turn the Government over to a clique. Heaven help men whose intelligence is so little that legislation devised to bring back into health the fundamental industry of the Nation appears to them as class legislation.

It may be that this agricultural conference, at this time, may find itself being used as a monkey wrench to be thrown into the machinery and split the agricultural bloc. The test of the value of the conference will be its determination to demand that the immediately necessary thing be done. It should adopt a resolution demanding that the President dismiss at once all members of the Federal Reserve banks who have been responsible for the immoral and criminal warfare which has been waged against non-member banks. There must be something artificial that has brought farming in all its branches, in all the states, to the verge of ruin. What is that artificial thing? A fallacious financial policy. A conference of farmers that does not so decide and demand a remedy will be a worthless conference and a mere throwing of dust into the eyes.

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.

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This Record Took in \$99,444.70

The American Poland China Record association for the fiscal year, ending October 3, 1921, showed total receipts of \$99,444.70. Of this, \$36,485.50 was paid for the Poland China Breed Promotion Committee, to which the other two Poland China records also contribute similarly, according to their receipts.

The treasurer's report indicated expenditures for the fiscal year of \$12,837.58 in excess receipts. A considerable amount of this was for breed promotion taken on by the record in 1920, the bills for which did not come in until 1921. Secretary McFadden estimated a saving of \$10,000 in salary, due to a more efficient and a somewhat reduced office force. It was pointed out that there would be a reduction during 1922, in the expenditures in other places.

Two of the retiring directors were re-elected for a term of three years. These were J. E. Meharry of Tolono, Ill., and Thos. Hunter of Morrow, Ohio. Wm. Ferguson of Scribner, Neb., was elected to replace Z. C. Herlong of Florida, who was not a candidate.

P. W. Young of Peoria, Ill., was re-elected president, P. A. Blackford of Hillsboro, Ia., was re-elected treasurer and W. M. McFadden of Chicago was elected secretary for his 32nd year.

Comparative Values of Feed

Some experiments are being conducted by Prof. H. B. Winchester, of the department of animal husbandry of the Kansas State Agricultural College to find the comparative feeding value of alfalfa hay and Sudan grass, and to learn the effect of ration on salt consumption.

Two groups of cattle are being used in the latter investigation. One gets a wet feed in the form of silage and 1 pound of cottonseed meal daily. The other group is fed on alfalfa hay only. It has been observed generally that cattle fed on a ration high in moisture use more salt than those on a dry ration, but Professor Winchester is having accurate records kept of the salt consumed after due allowance has been made for the weather conditions.

Lower Fee for Shorthorns

The fee for recording Shorthorns has been reduced from \$2.50 to \$2. At the same time, the fee for transferring animals on the records of the American Shorthorn Breeders' Association was increased from 50 cents to \$1. These changes became effective January 15.

For the registration of Polled Shorthorns, a special form of application blank is issued and the certificate of registration is made out to show that the animal represented is Polled. In the herd book pages, the entries of the Polled animals are indicated by an "X."

Kansas Jerseys to Missouri

W. R. Linton and B. N. Linton, Jersey breeders of Denison, Kan., last week shipped a carload of Jerseys to J. Sam Moss, Hill Crest Farm, Columbia, Mo.

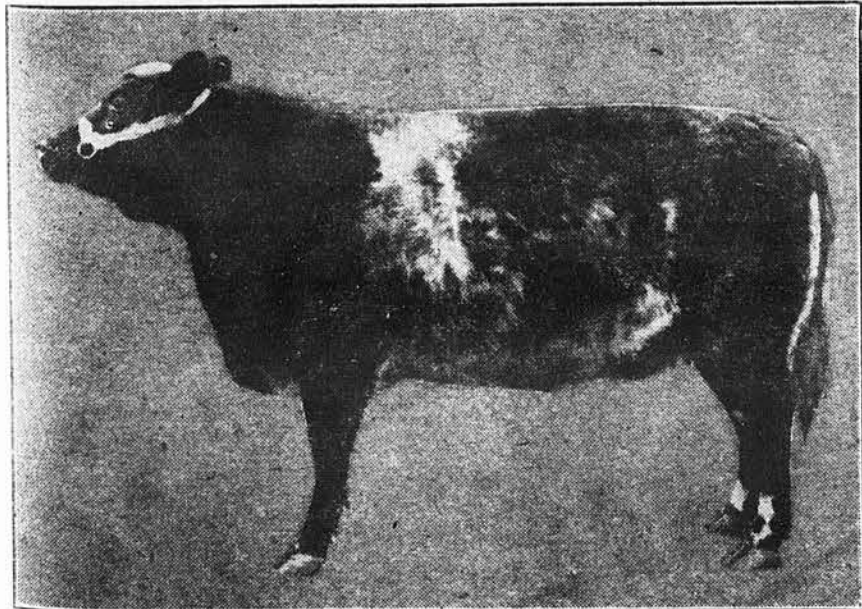
Included in the purchase was a granddaughter of Raleigh's Fairy Boy and a daughter of a grandson of Rai-

leigh. Mr. Moss also purchased a few daughters of the present Linton herd sire, Bosnian's Golden Boy. This bull was grand champion in the Kansas Jersey special at the Kansas Free Fair at Topeka in 1920. He was shown as a 2-year-old and won over six aged bulls in this class. One of his sons also was junior champion at the same fair in open competition.

Leading Guernseys by Ages

Following is given a list of Guernsey cows that are leaders in butterfat production for various ages, along with the record of each for one year. The list compiled from the records of Advanced Register cows, numbers 1 to 9800, and corrected to October 1, 1921 is as follows: Yeska's Tops of Gold's Fannie 22362, 9 years old, milk 19794.9 pounds, butterfat 981.31 pounds; Beauty Eagle 18117, now 10 years old, milk 16,144.0 pounds, butterfat 846.31 pounds; Murne Cowan 19597, now 11 years old, milk 17383.5 pounds, butterfat 791.76 pounds; Royaline's Dora 17375, at present 12 years old, milk 13,763.2 pounds, butterfat 717.31 pounds; Hazel's Clementine 19245, now 13 years old, milk 12,948.8 pounds, butterfat 612.72 pounds; My Lady Baltimore 2d 21165, at present 14 years old, milk 15424.4 pounds, butterfat 713.21 pounds; Daylight Miss 12572, now 15 years old, milk 11,779.3 pounds, butterfat 546 pounds; Maud of Shady Lawn 29209, at present 16 years old, milk 8,823.2 pounds, butterfat 395.14 pounds; Beauty of Shady Lawn 16272, now 17 years old, milk 9,370.5 pounds, butterfat 458.43 pounds.

The South Manchuria Railroad, operating in Korea and Manchuria, is the only railway in the Orient with an all-American equipment, consisting of locomotives, coaches and rails.



Max-Mill Susan, Shorthorn Grand Champion Female, Kansas National Livestock Show; Maxwell-Miller Cattle Company, Arapahoe County, Colorado

Dissolution Sale, Polled Shorthorns

To close up a partnership this splendid herd is being dispersed. Sale at T. M. Willson's Springbrook Stock Farm,

Lebanon, Smith County, Kan., Monday, Feb. 13

50 head are cataloged and 28 are females and 17 are bulls, including two herd bulls.

Note: Of this offering Geo. Hammond, Smith Center, is consigning 13 head and R. L. Taylor two head.

It is an offering of well bred registered Polled Shorthorns offering real opportunity to those looking for foundation cattle. There are in the sale 17 cows, splendid producers and a few have calves at foot. Nine bred heifers and eight yearling heifers. Our catalog is now ready to mail and we will be pleased to receive your request for a copy. Address,

Willson & Davisson, Lebanon, Kansas

NOTE:—We will also sell the same day 30 purebred Poland China bred sows to farrow in April. Purebred but can't be registered.

Auctioneers: Jas. T. McCulloch, Will Myers. Sale headquarters, Bunker Hotel. J. W. Johnson, Fieldman, Mail and Breeze.



Remember the National Shorthorn Congress

In the International Building
Chicago, February 21-22-23

The Shorthorn Sire—I doubt if there is any other time or place that equals the Congress to get your herd bull. Consider this from any standpoint and you will arrange to attend.—F. W. Harding.

300 Shorthorns, 200 Females and 100 Bulls, contributed by representative breeders and representing the best of their productions will be entered in the Show and sold in the Sale. It will be a great opportunity for selecting breeding stock.

AMERICAN SHORTHORN BREEDERS' ASSOCIATION
13 Dexter Park Ave., Chicago, Illinois

HORSES AND JACK STOCK

35 Mammoth Jacks

Big heavy bone, black jacks, 15 and 16½ hands, weight up to 1200 pounds, 3 to 5 years old. Guaranteed. We have colts to show you. High class Percheron mares and fillies and young stallions.

Al E. Smith, Lawrence, Kan.

For Sale One Belgian stallion, lion, two jacks, one 15 hands, one 14 hands. All guaranteed to be good breeders.

OTTO BUSCH, R. 2, LECOMPTON, KAN.

7 Reg. Percheron Stallions

For Sale, from 2 to 7 years, 5 blacks and 2 bays. Price from \$150 to \$300. Also one pair Regis. Percheron mares in foal. C. E. Whittlesey, Mound Valley, Kansas.

4 Good Jacks for Sale or Trade

Three to six years old. All black. Broke to service and reg. Would trade for sheep or reg. Percherons.

J. M. DAVIS, R. 2, BRONSON, KANSAS.

Great Show and Breeding Jacks

Priced right. Hinesman's Jack Farm, Dighton, Kan.

FINE LARGE BLACK STANDARD BRED and two fine large black saddle bred stallions, \$400 each, cash only. H. G. Shore, with August Clothing Co., Topeka, Kansas.

POLLED SHORTHORNS.

200 Polled Shorthorns

Two great grandsons of Whitchell Sultan. Grand Sultan and Sultan's Pride heads herd. Stock for sale at all times. \$75.00 up. Phone 1602.

J. C. BANBURY & SONS, PRATT, KAN.

POLLED SHORTHORNS

Both bulls and females for sale at prices according to times. C. M. HOWARD & SONS, HAMMOND, KAN.

Polled Shorthorn Cows With Calves also some heifers. John Maurer, Glen Elder, Ks.

GLENROSE LAD 506412

the best dairy Shorthorn bull in the west. We can't use him longer. For description and price address R. M. Anderson, Beloit, Kansas.

SHORTHORN CATTLE

3 Year Old White Scotch Shorthorn Bull

for sale, or exchange for cows or heifers. M. C. POLLARD, CARBONDALE, KANSAS

Shorthorn Bulls — Serviceable Age Priced right. W. T. Blackwill, Quinter, Kan.

SHORTHORN CATTLE.

PUBLIC SALE

Shorthorns Poland Chinas

at the farm near

Lancaster, Kans., February 15

Scotch topped cows and heifers, some of them with calves at foot. One yearling bull. Included is my herd bull, Imp. Lord Alexander, a wonderful bargain for someone. 15 big type Poland China sows, bred for spring farrow. Write for catalog. Address,

H. C. Graner, Lancaster, Kans.
14 Miles Northwest of Atchison

1886 1921 Tomson Shorthorns

Sires in Service

Village Marshall Marshall's Crown A remarkable collection of breeding cows of most approved blood lines and noted for their uniform thick fleshing qualities.

We offer a choice lot of young herd bulls of the correct type sired by Village Marshall and Marshall's Crown. Closely related to our prize winners. Address

TOMSON BROS.

WAKARUSA, KAN., OR DOVER, KAN.

Shorthorn Herd Bull

Pleasant Acres Sultan young bulls and yearling heifers for sale. A few cows with calves at foot. We can satisfy any beginner or the most discriminating breeder. Let's hear from you.

H. B. GAEDDERT, BUHLER, KANSAS

SHORTHORNS

Shorthorn herd bulls for sale. A number of choice young bulls and Idlewild Rex by Royal Rex 3rd, a select lot of females, and a number of Duroc bred gilts. Write or visit.

EDWARD F. GEHLEY, ORLEANS, NEBR.

Shorthorn Bulls

Reds, whites and roans. Scotch and Scotch topped. Write your needs and come and see us. C. W. TAYLOR, ABILENE, KANSAS Dickinson County

SPOTTED POLAND CHINA HOGS

SPOTTED POLAND CHINA HOGS

Hunt's Annual Spotted Poland Sale Paola, Kan., Saturday, Feb. 25

45 Bred Sows and Gilts and 3 Trios

Sires at the head of the Hunt herd are: LEOPARD KING, 1918 world's junior champion; FAIRHOLMES ROYAL BOOSTER by 1918 world's grand champion; GREY ASH CHIEF by Chief's Best out of Grey Ash G.; and KANSAS MONARCH. Most of the offering is sired by or bred to these boars. Some are by Gen. Foush, Spotted Chief, Booster King, O. Wonder H., Chief's Best, and Sartain Boy and some are out of Arb Spotted Ester, O. and K's Pride, Y's Royal Princess 2nd, Golda, Spotted Dainty, Mo. Sue, and Miss Gates.

Every hog in the sale will be well conditioned, high backed, and deep sided. A majority of the yearlings have been well matured before breeding.

A Grey Ash gilt, a good one and a real prospect bred to Leopard King, sells. A large number of herds in the west and southwest started from foundation animals from the Hunt herd. Experienced breeders of Spotted Polands, regardless of location, know that the Hunt herd, the oldest established Kansas herd with its more than 25 years of constructive development in the hands of the one careful breeder, is one of the best herds in existence.

The experienced Spotted Poland breeder will find in the offering the top improved kind that will make creditable additions to his herd and the farmer wanting good Spotted Polands with which to start will need never to start over if he buys a bred female or two in the Hunt sale.

The sale will be held at Paola, Kan., because of good train connections. For a catalog address

Wm. Hunt, Osawatomie, Kan.

Please mention Kansas Farmer-Mail and Breeze. If unable to attend the sale send mail bids to J. T. Hunter in care of Mr. Hunt.

SPOTTED POLAND CHINA HOGS

Kansas State Ass'n Sale

65 Bred Sows and Gilts
Spotted Poland Chinas

In the heated sale pavilion,

**Alma, Kansas
Saturday, Feb. 25**

This will be a useful lot of bred sows and gilts carrying popular blood lines and consigned by reliable and leading breeders of the state.

Everything has had double treatment against cholera and will receive thorough disinfecting before removal after the sale.

Banquet, sale day at 11, followed by program and election of association officers. Everybody welcome. Come.

For sale catalog address,

**F. H. MANNING Mgr.,
Parkerville, Kansas**

Auctioneers: C. R. Dawson, Grant City, Mo., Lester Lowe, Council Grove, Kans.

Spotted Poland Sale! Ottawa, Kan., Tuesday, Feb. 14

An offering of 60 head from the herds of G. S. Wells & Son and A. E. McMaster. 15 tried sows, 30 spring gilts, 6 fall gilts, and 3 trios.

Sired by or bred to High Pockets and Leopard Longfellow by Leopard King, 1918 world's junior champion; Royal Red Cross by The Pride of England out of Miss Red Cross that won more purple ribbons than any other sow in her time; Faulkner's English Premier; and Obena's Royal Spot. Some of the dams are by Leopard King, Fairholmes Royal Booster by the 1918 world's grand champion, and Gates Buster.

An offering of 60 high quality registered, immuned, and guaranteed Spotted Polands. You will like them when you see them. Some are 1/4 English. Don't forget the trios. Sale at pavilion. Please mention Kansas Farmer and Mail and Breeze. For catalog address either

**G. S. Wells & Son or A. E. McMaster, Ottawa, Ks.
Homer Rule, Auctioneer.**

Spotted Poland Chinas

Stock of all ages. The best blood lines.
A. S. Alexander, Burlington, Kansas.

Spotted Polands, Both Sexes

Big type and English. C. W. Welsenbaum, Altamont, Kan.

LYNCH BROS.' SPOTTED POLANDS

Fall pigs, either sex, with breeding, size and quality. Grand sire, Carlson's Spotted Chief, sire Riley's Wonder by Field's Giant. Satisfaction guaranteed.

Lynch Bros., Jamestown, Kansas

SPOTTED POLAND BOARS

Ready for service \$20; gilts, \$25; fall boars, \$10; one good herd boar 50% white; double immune; national or standard papers. T. L. Curtis, Dunlap, Kan.

GUERNSEY CATTLE

GUERNSEYS—CHOICE BULLS

For sale. Herd under federal supervision.
George M. Newlin, Hutchinson, Kansas.

HOLSTEIN CATTLE

Shungavally Holsteins

We are offering this week a grandson of the \$35,000 40 lbs. sire, King Segis Pontiac Konigen. This is a beautiful calf 4 mo. old, out of Julie Beryl Segis, a daughter of Walker Copia Champion. She holds the state record for both milk and butter as a senior two year old in ten months division with 11,691 lbs. milk and 507.6 lbs. butter. Buy them young and save money.
IRA ROMIG & SONS, TOPEKA, KAN.

Lingle's Stock Farm

offers an 18 months old bull calf, Fobes breeding, and out of a 20 pound three-year-old. **M. E. LINGLE, CONWAY, KANSAS.**

Registered Holstein Bulls

Well marked, 1-yr.-old well developed calves 2 and 3 mo. old. Sired by U. S. Korndyke Johanna Segis, Bargain prices. Westview Farm, D. Clingenbeard, Wetmore, Kan.

REGISTERED HOLSTEIN BULLS
All ages. Special prices on baby bulls.
L. L. Grossnickle, Onaga, Kan.

HOLSTEIN & GUERNSEY CALVES, 7 weeks old, 31-32nds pure, \$25 ea. shipped C.O.D. Reg. Holstein bull calves \$45. Edgewood Farms, Whitewater, Wis.

JERSEY CATTLE

Registered Jerseys

at public auction February 10, 1922. Ask for catalog. **C. E. Cochran, Kincaid, Kan.**

Hillcroft Farms Jerseys headed by Queens. announced the best bred Jersey bull in Missouri, a Register of Meritson of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 80 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet **M. L. GOLLADAY, PROPR., HOLDEN, MO.**

Reg. Jersey Bull For Sale

Dropped January 3, 1921. Sire, Fern's Noble Champion. Dam, Daisy's Jolly Blossom.
Hazel Owings, Route 1, Circleville, Kansas

Scantlin Jersey Farm, Savonburg, Ks.

Financial Kings, Raleigh and Noble of Oakland breeding.

REGISTERED JERSEY BULL CALF
For sale. For particulars apply to
Chas. O. Bradford, Perry, Kansas

JERSEY BULLS, October to yearlings. Hood Farm breeding. Selling so you can handle them. **Percy Lill, Mt. Hope, Kansas.**

AYRSHIRE CATTLE

AYRSHIRE BULL CALVES

Grandsons of Armour, Melrose Good Gift and Voca 5th, a 21,000 lb. cow, at bargain prices and easy terms.
SUNRISE DAIRY, VALLEY FALLS, KANSAS

RED POLLED CATTLE

You Can Buy Red Polled Bulls

of serviceable ages from the Springdale herd with quality and breeding priced as a dispersal sale. Also choice matrons and heifers. Write for descriptions and prices to **T. G. McKINLEY, ALTA VISTA, KAN.**

Choice Red Polled Bulls and Females

All ages. From our accredited herd. Shipped on approval. **Schwab & Son, Clay Center, Neb.**

Pleasant View Stock Farm

Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers
Halloran & Gambrell, Ottawa, Kansas

FOSTER'S RED POLLED CATTLE

A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS. Choice young bulls and heifers.

Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

Small Demand for Cattle

Hogs and Sheep are Active and Steady

BY WALTER M. EVANS

STOCKMEN felt much encouraged during the early part of the week by the general advance in livestock. The full advance, however, was not maintained. At the first of the week livestock prices showed sharp advances all along the line.

Lambs and hogs reached new high levels for the season, and cattle were up 35 to 50 cents. In the last few days however, practically all the early advance on cattle was lost, hogs closed off 15 to 20 cents from the high point and lambs down 25 cents. The tops this week were as follows: Steers, \$8.10, hogs \$8.80, lambs \$13.30 and fat ewes \$7.50. Lambs were the highest in more than a year and hogs the highest since last week in September.

Receipts at Kansas City for the week were 37,825 cattle, 4,450 calves, 43,825 hogs, 37,625 sheep, compared with 37,150 cattle, 5,960 calves, 48,700 hogs, 26,300 sheep last week, and 32,690 cattle, 3,230 calves, 41,075 hogs, and 40,300 sheep a year ago.

Beef Cattle are Higher

Early in the week fat steers were 35 to 50 cents higher, but owing to declines in Chicago, the market at Kansas City broke in the last three days and most of the gain was wiped out. A number of choice steers sold at \$7.75 to \$8.10, and the bulk of the good steers brought \$7 to \$7.75. Plain to fairly good steers sold at \$6 to \$6.75. Cows and heifers are selling at about the same prices as a week ago. Veal calves were 25 to 50 cents higher, top \$10.50. Bulls and stags were stronger. During the week there was a strong shipping demand from the Atlantic seaboard. An export order was filled also.

The prices for stockers and feeders this week were not notably higher, except stock cows and heifers. Demand was active. Good stock cows and heifers were up 25 to 35 cents.

Hogs Show Strength

Hog prices at the close of the market were strong to 10 cents higher than Thursday, 15 to 20 cents under the high point Tuesday, and 50 to 65 cents higher than a week ago. The top price was \$8.65, and bulk \$8.25 to \$8.60. Fat pigs sold up to \$8.75. Prices this week were the highest since the last week in September, and \$2 above the low point in December.

Tuesday lambs sold up to \$13.30, the highest prices in more than a year, and nearly \$5 above the low top in October. Ewes sold up to \$7.50, yearlings \$12, wethers \$8. The market closed the week 25 cents under the high point. Trade was active. Declines of 10 cents a dozen on eggs

in New York City and 4 cents a dozen in Chicago had a depressing effect on the egg market in Kansas City and the market finally showed a drop of 4 cents. However in the live poultry lines hens showed advances of a cent; turkeys, 4 cents; and ducks, 2 cents.

Butterfat and packing butter showed an advance of 1 cent. The following quotations are reported at Kansas City for poultry and poultry products:

Eggs—Firsts, 30 cents a dozen; seconds, 23c; selected case lots, 36c.

Live Poultry—Hens, 22c; spring chickens, 25c; stags, 14c; roosters, 11c; capons, 30c; turkeys, 40c; old toms, 37c; geese, 15c; ducks, 22c.

The following quotations are given at Kansas City on dairy products:

Butter—Creamery, extra, in cartons, 37c; packing butter, 15c; butterfat, 28c; Longhorn cheese, 21 3/4c; brick cheese, 18 1/4c; Limburger cheese, 26 3/4c; New York Cheddar cheese, 25c; New York Daisy cheese, 26c.

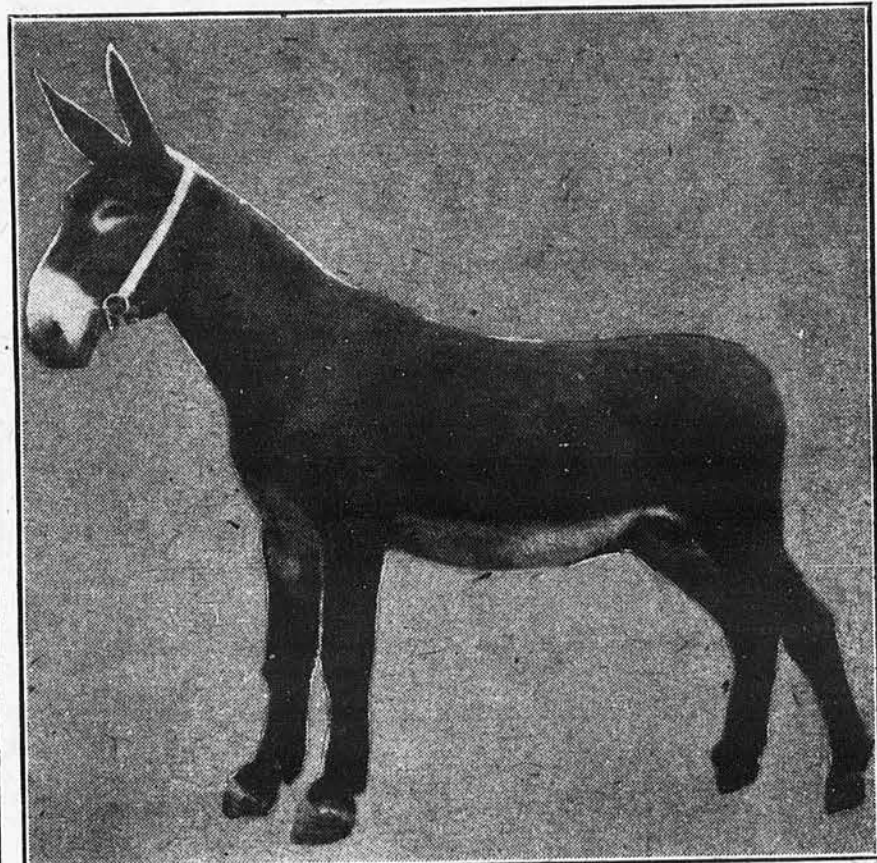
Furs and Hides

Furs during the week have commanded sharply higher prices. Top grades of all kinds of furs sold at advanced values. The prevailing quotations in Kansas City to country shippers this week were as follows: Black skunk, \$5 apiece; short stripe, \$3.50; narrow stripe, \$2.25; broad stripe, 75c to \$1; unprime, 25c to \$3; large raccoon, \$5; small raccoon, \$3.50; large mink, \$7.50 to \$8.50; small mink, \$5 to \$6; large opossum, \$1; small opossum, 35 to 60c; muskrat, \$1 to \$1.25; civets, 10 to 30c; gray fox, 50c to \$2; otter, \$1 to \$5; beaver \$1 to \$15.

The Wool Market

The Boston wool market this week is active and higher and this has aroused much interest in the situation there. According to the wool trade inventory recently made public the total wool held amounts to 63,542,337 pounds. This falls within the general estimate of the trade which was from 50 million to 70 million pounds. A year ago the association held 139,602,449 pounds, present holdings, therefore, show a decrease of 54 per cent. Confirming opinion that the wool trade centers of the country held less domestic wool than usual, only 29,437,000 pounds of present Boston stocks are of domestic origin. A new feature to the report is the amount of foreign wools held in bond, which is given as 8,103,380 pounds. These wools are probably combing and clothing wools of the finer grades.

"Stocks of wool in the country at large," says the editor of the Produce Packer, "greatly exceed estimates suggested by small-Boston stocks of un-



Esperanto, Senior and Grand Champion Jack, Kansas National Livestock Show. John Miles, Sedgwick County, Kansas

sold wool. It is quite likely, for example, that there are 100 million pounds of carpet wools. Total wool stocks will be at least half a billion pounds. But a large percentage of this is foreign. Government report of September 30 last year, indicating 44 per cent as foreign of the 583 million pounds of wool, grease basis, held since September 30, about 30 million pounds of foreign wools have been imported. Figures for October give 585,000 pounds carding wools, no combing wools and 7,894,000 pounds of carpet wools. In November, clothing wool imports totaled 2,727,000 pounds; combing wools 374,000 pounds; carpet wools 7,492,000 pounds."

The end of the Government wool holdings is now in sight. Total stocks at the beginning of the year were 51,800,000 pounds. These were so reduced that the stocks brought over into 1922 were only about 18 million pounds, and of this amount 8 million pounds were sold January 5. At both sales, December 1, 1921, and January 5, 1922, every lot offered was sold. For the last three or four sales of the year, every sale showed a constant advance in prices, culminating on the latter date in prices on many lots running well up to what similar wools were worth in the open market. Government stocks are now down to less than 11 million pounds.

Late Quotations

Kansas City and St. Louis report a fair trade in wool with the following range of prices: Medium clear wool, 16 to 22c; slightly burry wool, 11 to 17c; hard burry wool, 3 to 10c; light fine wool, 15 to 22c; heavy fine wool, 10 to 19c; common and braid, 14 to 15c.

Not much change is noted in the hide market this week. The following prices are quoted at Kansas City:

No. 1 green salted hides, 7c a pound; No. 2 hides, 6c; side brands, 4c; bull hides, 4c; green glue hides, 2c; horse hides, \$1.75 to \$2.50 apiece; pony hides, \$1 apiece.

Hard Times Help Purebreds

BY T. W. MORSE

The fact, that farming without improved livestock has become a starvation process, may not seem to overflow with optimism, but at that, it means a good deal to the breeder of purebred farm animals.

One of the seeming anomalies of the present agricultural depression, is the sustained interest in exhibitions of purebred livestock. Hard times have cut attendance at the state fairs and national expositions, but the size and quality of exhibits have been maintained and in some cases unproved, while the interest of visitors has been better than ever.

The explanation is simple, when one thinks of it. More than for many years, is the farmer now dependent upon livestock for turning the crops he raises into a profitable product. More than ever before, perhaps, is the farmer aware of the superior results which, in this operation, he can obtain by using the best type of animals.

Livestock record associations, on several recent occasions, have reported the best farmer inquiry in their respective histories. And two satisfying things about the whole situation are; first, the immensely larger proportion of farmers now capable, thru training and observation, of success in livestock production, and, second, the immensely better opportunities for buying very desirable breeding animals at moderate prices.

Consolidation Takes Hold

Plans for organizing eight new consolidated schools and for the enlargement of three more have been reported recently to M. L. Smith of the school consolidation department in the Kansas State Normal school. The proposed new consolidations are at Waterville in Marshall county; Lebanon, Smith county; Paradise, Russell county; Kensington, Smith county; Blue Rapids, Marshall county; Princeton, Franklin county; Maize, Sedgewick county; and Plymouth, Lyon county. Plans to enlarge consolidated schools are under way at Portis in Osborne county; Greensburg in Kiowa county; and Milton in Sumner county.

The longest fence in the world stretches across Western Australia, extending 1,200 miles. The fence is erected for the prevention of hordes of rabbits from overrunning and destroying the region beyond.

The Round Up

Kansas City Stock Yards, March 1, 2, 3

Maybe a day or two longer—anyhow until all the cattle are sold

500 HEREFORDS—400 Bulls, 100 Females—GOOD, USEFUL CATTLE

Thick, soggy, young bulls with good heads and horns and the hair and hide that go with good doers. All good colors and nicely marked.

Bulls for the Breeder. Bulls for the Range man.

Bulls for the Farmer. Bulls! Bulls! Bulls!

Females that will produce better cattle for the buyer. A few head of these splendid young cows will grow into a herd in a short time. Buy while they're cheap. In April and May they will be higher and scarcer. Now is the time to lay them in. Sale under management of the American Hereford Cattle Ass'n.

For Information Address

R. J. Kinzer, Sec'y, Kansas City, Mo.

C. L. Carter, Fieldman for Kansas Farmer-Mail and Breeze

Public Sales of Livestock

Shorthorn Cattle

Feb. 15—H. C. Graner, Lancaster, Kan.
Feb. 21—McPherson County Shorthorn Breeders' association. Sale at McPherson, Kan. B. R. Anderson, Mgr., McPherson.
Feb. 27—E. A. Campbell and O. A. McKenzie, Wayne, Kan.
Mar. 2—Harvey County Livestock Improvement association. Sale at Newton, Kan. W. H. Mott, Herington, Kan., Sale Mgr.
Mar. 3—Harvey County Livestock Improvement association. Sale at Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.
Mar. 28—Central Shorthorn Breeders' Ass'n. at Kansas City, Mo. W. A. Coche, Mgr., Baltimore Hotel Building.
March 31—Ozark Shorthorn Association, Thos. Gallen, sec'y, Mt. Vernon, Mo.
May 10—Northwest Kansas Shorthorn breeders' association at Concordia, Kan., E. A. Cory sale manager, Concordia, Kan.
Apr. 3—Blank Bros. and Kleen, Franklin, Neb.

Polled Shorthorn Cattle

Feb. 13—Willson & Davisson, Lebanon, Kan. Dissolution sale.
Feb. 18—W. A. Prewitt, Asherville, Kan.

Holstein Cattle

Mar. 22—Kansas State Association sale, Topeka, Kan. W. H. Mott, Sale Mgr., Herington, Kan.
June 8-9-10—National Holstein-Friesian Assn. sale Convention Hall, Kansas City, Mo. W. H. Mott, Sale Mgr., Herington, Kan.

Hereford Cattle

Feb. 21—McPherson County Hereford Breeders' association. Sale at McPherson, Kan. B. R. Anderson, Mgr., McPherson.
Mar. 1-2-3—Round Up sale at Kansas City, Mo. Management American Hereford Cattle Breeders' Ass'n, R. J. Kinzer, Sec'y.
Apr. 15—L. J. Healy, Hope, Kan.
April 25—Northern Kansas Hereford Breeders' association, Blue Rapids, Kan. J. A. Howell, Marietta, Kan., sale manager.
May 4—Johnson County Hereford Breeders' Association, R. L. Whittitt, Holden, Mo., Sec'y.

Aberdeen Angus Cattle

Feb. 8—Johnson Workman, Russell, Kan.

Poland China Hogs

Feb. 7—Blank Bros. & Lauer, Franklin, Neb.
Feb. 7—H. B. Walters & Son, Bendena, Kan.
Feb. 8—Dubach Bros., Wathena, Kan.
Feb. 9—J. L. Dvorak, Lincolnville, Kan.
Feb. 9—A. L. Wiswell, Ocheltree, Kan.
Feb. 9—Harry Shearer, Logan, Kan.
Feb. 14—W. H. Hill, Milo, Kan., at Beloit, Kan.
Feb. 14—C. S. Nevius & Son, Chiles, Kansas.
Feb. 14—G. A. Wiebe & Son, Beatrice, Neb.
Feb. 15—Schmitz Bros., Seneca, Kan.
Feb. 15—H. C. Graner, Lancaster, Kan.
Feb. 16—Coffey County Poland China Breeders' association. Sale at Burlington, Kan. E. M. Wayde, Sec'y, Burlington, Kan.
Feb. 17—Smith Bros., Superior, Neb.
Feb. 18—Stafford County Poland China Breeders' association, E. E. Erhart, Sec., Stafford, Kan.
Feb. 18—W. A. Prewitt, Asherville, Kan.
Feb. 21—O. R. Strauss, Milford, Kan.
Feb. 23—Herman Groninger & Sons, Bendena, Kan.
Feb. 24—Grover E. Sampson, St. Joe, Mo.
Feb. 24—Morris County Poland China Breeders' Ass'n, at Council Grove, Kan. A. C. Brown, Kelso, Kan., Sale Mgr.
Feb. 24—Pratt County Poland Breeders' Association. Sale at Pratt, Kan. Mrs. C. J. Shanline, manager, Turon, Kan.
Feb. 27—E. A. Campbell and O. A. McKenzie, Wayne, Kan.
Mar. 1—Sullivan Bros., Moran, Kan. Sale at Iola, Kan.
Mar. 1—Harvey County Livestock Improvement Association. Sale at Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.
March 5—J. E. Baker, sale pavilion, Bendena, Kan.
Mar. 15—G. A. Wiebe & Son, Beatrice, Neb.
March 16—Earl Hopkins, Larned, Kan.
Apr. 26—Fred Laptad, Lawrence, Kan.

Spotted Poland Chinas

Feb. 14—Henry Field Seed Co., Shenandoah, Iowa.
Feb. 14—G. S. Wells & Sons, Ottawa, Kan.
Feb. 25—Wm. Hunt, Osawatomie, Kan.
Mar. 14—Henry Field Seed Co., Shenandoah, Iowa.

Duroc Jersey Hogs

Feb. 3—Stafford County Duroc Breeders' Association. Clyde C. Horn, Manager, Stafford, Kan. Sale at Stafford.
Feb. 4—M. R. Gwin, Washington, Kan.

Coffey County Combined Purebred Hog Sale

35 Polands—35 Durocs

Burlington, Kansas, Thursday, February 16

Polands: 15 tried sows, 3 yearlings, 15 gilts, 2 boars. Durocs: 3 tried sows, 32 gilts.

POLANDS

This offering has been bred to or sired by such good boars as: Prospect Lad, Valley Jumbo, Greenleaf Big Bob, Neosho Ex, Orange Wonder, Neosho, Neosho Gladley, Big Jones Again, Buster Over, Paragon, Kansas Combination, King Big Bone, Long Tim, Giant Knox, etc.

Consignors and number consigned are: E. M. Wayde, 6 gilts, 3 summer yearlings, 4 tried sows; A. H. Weathered, 1 gilt; Oscar Morris, 6 tried sows; Albert Dodge, 2 tried sows, 2 gilts; G. R. Knight, 5 gilts, 1 sow; S. M. Dean, 2 boars, 2 gilts; J. H. Norman, 2 tried sows.

Write County Agent C. R. Jaccard, Burlington, Kan., for a catalog of each sale. Please mention Kansas Farmer-Mail and Breeze. Managers of each sale: Polands—E. M. Wayde, Burlington, Kan. Durocs—H. A. Dressler, Lebo, Kan.

DUROCS

This offering has been bred to or sired by boars close up in blood of Pathfinder, Cherry King Orion, Great Orion Sensation, Great Orion, Model Alley, etc.

Consignors and number consigned are: Bryce L. Newkirk, 8 gilts; Giles Butse, 3 gilts; Ralph Scott, 5 gilts; Ivy Allen, 5 gilts; W. C. Jenkins, Jr., 8 gilts; Owen Sullivan, 1 sow, 3 gilts; Harley Davidson, 2 sows.

Sometimes a man just literally "keeps" hogs when a small investment in good purebred hogs would keep him. This combined sale is one where the breeding and individuality will satisfy critical buyers and the large number consigned offers excellent opportunity to select good ones from widely varying blood lines.

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Rule and Holmes, Auctioneers. J. T. Hunter, Fieldman.

Herefords—Shorthorns—Durocs Association Sale, McPherson, Kan., Tuesday and Wednesday, February 21 and 22

HEREFORDS; Tuesday, Feb. 21—15 cows and 14 bulls sired by Dandy Andrew 29th and Mainstay 4th, both Anxiety 4th bulls, and three Dirigo bulls of Columbus breeding. Out of Keep On, Rupert, Beau Donald, March On, Don Carlos, etc., dams. These are helpers, cows, and serviceable aged bulls consigned by E. J. Sellberg, McPherson; A. T. Sellberg, Marquette; Grover Andes, Windom; G. Woerz, McPherson; W. C. Cummings, Hesston.

SHORTHORNS; Tuesday, Feb. 21—A number of good Shorthorns by Archer, Kansas Sultan 2nd, etc. Some important names on the pedigrees are Barmpton Sultan, Choice Goods, Bruce Augustus, Lavender Viscount, Prince Valentine, Searchlight, and Gallant Knight. Consignors are: M. D. Slabach, Conway; Lucien Russell, Galva; Anton Peterson, Lindsborg; Luther Elmquist, Lindsborg; Owen O'Neill, Windom; Carl Johnson, Windom.

DUROCS; Wednesday, Feb. 22—11 tried sows and 29 spring gilts. Tried sows mostly by Royal Sensation, and Royal Pathfinder. Out of Royal Grand Wonder sows and bred to Victory Sensation 3d by the twice national grand champion. Most of the spring gilts are by Victory Sensation 3d and bred to Sensation Boy by Shepherd's Orion Sensation. A number are out of Illustration sows and some are bred to an Illustration boar. VICTORY SENSATION 3D was second in class at 1921 Kansas fair and first in class and senior champion at 1922 Kansas National. Consignors are M. E. Ling, Conway, and E. R. Anderson, McPherson.

Address V. M. Emmert, Sec'y, McPherson Co. Breeders' Association, McPherson, Kan., for catalog of each sale. Please mention Kansas Farmer-Mail and Breeze. Lafe Burger, Auctioneer. J. T. Hunter, Fieldman.

HEREFORD CATTLE

Hereford Bulls

Ten beefy, blocky, heavy boned yearlings by Bright Claymore out of Anxiety 4th cows. Splendid heads, horns, and coats. Can supply car load fed for use. Priced to suit.

R. L. WHITSETT, HOLDEN, MISSOURI

ONE HEREFORD BULL ROMULUS for sale, calved March 9, 1920. Sired by Polled Prince 9th 382901, wt. 2300. Dam Lalola 606955. W. M. Zieher, Pawnee Rock, Kan.

ANGUS CATTLE

Reg. Angus For Sale

1 coming 3-year-old bull, 2 coming 3-year-old cows, one with 4 month old bull calf. Best breeding, tuberculin tested, all right in every particular. Come see. First check \$225.00 takes them all.

CREIGHTON TABB, R. 8, PAOLA, KAN.

ANGUS CATTLE

ANGUS BULLS, SERVICEABLE AGES

We have six registered bulls, several herd headers, including one tried sire, also a double bred Trojan Erica, a grandson of Earl Eric of Ballindallock and a Queen Mother sired by Blackcap.

Poe, Federal tested.

WYCKOFF BROS., LURAY, KANSAS

ANGUS BULLS

18 from 12 to 18 months old, 12 that are from six to 10 months old. Real herd headers.

J. D. MARTIN & SONS, Lawrence, Kan.

POLAND CHINA HOGS

Dispersion Sale

Silverdale Herd Poland Chinas

Nothing better will be offered this winter.

Millford, Kansas, February 21

Featured in this sale is the great 1,200 pound breeding boar,

Giant Bob Wonder

one of the great boars of the breed. Also a junior herd boar,

Jumbo Joe

one of the best young boars in the state.

All of our herd sows and gilts bred for spring farrow. They were sired by Model Wonder, Great Master, Golden Gate Defender, Giant Bob Wonder, Jumbo Joe.

20 fall pigs sired by Giant Bob Wonder, Jumbo Joe and Golden Gate Defender. Catalogs sent upon request to

O. R. Strauss
Millford, Kansas

Auctioneer, Jas. T. McCulloch

Send your bids to J. W. Johnson in my care.

BRED SOWS AND GILTS
Fall pigs, popular breeding. Priced to sell.
Myersdale Farm, Gardner, Kansas

Schmitz Bros.

Big Type Poland Bred Sow Sale

40-Head-40

Seneca, Kansas, Wednesday, Feb. 15

The most of them are bred to the junior champion boar, "Nemaha Giant" by Columbian Giant, the greatest under a year boar in Kansas. Write for catalog at once. Address,

Schmitz Bros., Seneca, Kan.

Special attention given to boys joining the 1922 pig clubs. We offer special prizes on pigs shown at the different fairs, that were purchased from US.

HAMPSHIRE HOGS

Four Years the Best Meat Type Hampshires

The International Livestock Show is the test of hog producing power. Hampshires have won the grand championship in this test four years in succession—1918, 1919, 1920, 1921—in the hands of average farmers. No experts needed to make Hampshires win. Hampshires are the greatest of all forage hogs, making the highest-priced pork out of the cheapest feeds on the farm. Active, vigorous and healthy they raise exceptionally large litters. At the International they have shown, almost without exception, the heaviest spring pigs of any breed, carrying always the heavy, high killing, lean meat type. For free Hampshire information and for names of breeders in your neighborhood, address

American Hampshire Swine Record Association
Dept. 5, Peoria, Illinois
E. C. Stone, Secretary

POLAND CHINA HOGS

POLAND BRED SOWS

In the sale barn,
N. Topeka, Kan., Feb. 18

corner Jackson and Railroad streets.
30 of the big type, early maturing kind sired by popular boars and bred for spring farrow to fashionably bred, big bone, big type U. Giant Buster and Columbian The Great. Your last chance to buy bred sows. All immunized.

Get a money maker. Please send for the catalog. Address,

UPDEGRAFF & SON
Topeka, Kan.

Send bids to J. W. Johnson in our care.
W. D. Updegraff, Mgr., Riverside Farm.
C. M. Crews, Auctioneer.

BIG TYPE FALL BOAR PIGS

A good one and the pedigree with him for \$20. Address, J. J. Hartman, Elmo, Kan.

Big Type Poland Chinas

Tried sows, fall yearling gilts, big early spring gilts bred for early spring farrow. Immunized.

LOGAN STONE, HADDAM, KAN.

Big Type Immuned Polands

Serviceable males, \$25; bred gilts, \$30; and Sept. pigs, \$15. **GEO. J. SCHOENHOFER, Walnut, Kan.**

Eden Valley Farm Polands

Big type bred gilts, best breeding and quality. Priced to sell quick. **G. F. ULREY, UTICA, KANSAS.**

HENRY'S BIG TYPE POLANDS

Bred gilts sired by Big Orange, Smooth Prospect, bred to outstanding son, Columbian Giant. September pigs, either sex, pair or trio.

John D. Henry, R. F. D. 1, Leocompton, Kan.

CHESTER WHITE HOGS

20 CHESTER WHITE BRED GILTS

All bred to Buster B. Jr., grand champion boar Kansas, Oklahoma 1921. Bred for March and April litters. Priced within the reach of all. Immunized.

C. H. COLE, NORTH TOPEKA, KANSAS

Chester White Gilts, Bred

for April farrow, also fall boar pigs. The old reliable. **Henry Murr, Tonganoxie, Kansas.**

O.I.C. Reg. September Pigs

either sex, good ones. **A. C. Hoke, Parsons, Kan.**

CHESTER WHITE BRED SOWS

Fall yearling and spring gilts sired by "Alfalfa Model," an 800 pound boar, bred to Wiemers' Choice, by Tichota's Choice, for March and April farrow. Immunized. Crates and papers furnished. The big type. Will ship on approval. Write for circular.

Alpha Wiemers, Diller, Nebraska

IMPROVE YOUR HERD

with new blood. Sows, gilts farrow in March. **J. C. Davidson, Tonganoxie, Kan.**

A SON OF WEIMERS' GIANT

heads my herd. Gilts bred for spring farrow. Fall boars. **E. E. Smiley, Perth, Kan.**

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer

217 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

My reputation is built upon the service you receive. Write, phone or wire.

Vernon Noble, Auctioneer

Manhattan, Kan. Livestock and Real Estate.

HOMER BOLES, RANDOLPH, KANSAS

Purebred stock sales, land sales and big farm sales. Write or phone as above.

SUTTER LAND AUCTION CO., Salina, Kan.,

can turn your land and livestock into immediate cash. Bank reference by return mail.

GALLOWAY CATTLE

Reg. Galloway Bulls For Sale

Address Fashion Plate, Silver Lake, Kan.

HAMPSHIRE HOGS

Walter Shaw's Hampshires

200 HEAD, REGISTERED, immunized, tried bred sows and gilts, serviceable boars.

WICHITA, KANSAS, RT. 6, Telephone 3918, Derby, Kan.

Whiteway Hampshires On Approval

Quality bred sows and gilts bred to junior champion. Also fall pigs. **F. B. WEMPE, FRANKFORT, KAN.**

SUMMIT HOME HAMPSHIRE

Choice gilts, weight 250, tried sows 300 to 500 lbs. Weanling pigs, 50 to 75 lbs. Shipped on approval.

S. W. SHINEMAN, FRANKFORT, KAN.

HAMPSHIRE HOGS

Nearly \$20,000 for Shorthorns

Nearly \$20,000 was realized on the 71 Shorthorns sold in the "Purple Ribbon" and the plainer sections of the Shorthorn sales held in connection with the Kansas National Livestock Show. In the "Purple Ribbon" section 45 lots were sold at an average of \$354.50, the top being \$1,075 and the bottom price \$150. The offering abounded in desirable cattle, and although a good average was secured, it was a hard work every step of the road. A good gathering of buyers clearly wanted the cattle but competition was making them pay for a minute forget that money was hard to get. Even so that it happened time and again that choice heifers brought \$175 to \$400, representing from 100 per cent to 350 per cent more than the cost of production.

Buyers in both sales were, to a large extent, farmers who have only small herds or are just starting in the business. They bought the cattle and paid for them but bought them as cheaply as they could. Practically all the cattle went to Kansas and Oklahoma.

The Northeast Kansas Shorthorn Breeders' Association held its annual meeting at Manhattan, Kan., February 3. The meeting will be held in the evening and February 8 is dairy day of Farm and Home Week. A very interesting program has been arranged and all Guernsey breeders are urged to attend.

The Northeast Kansas Shorthorn Breeders' Association held its annual meeting at Manhattan, Kan., last Tuesday and re-elected the old officers as follows: T. J. Sands, Robinson, president; A. W. Scholz, Lancaster, vice president; C. O. Demick, Hiawatha, secretary-treasurer and D. L. Dawdy, Arrington, sale manager. Questions of interest to the association came up and were discussed. It was decided to hold an association sale at Hiawatha in April.

Tisserat & Sons' Poland China Sale

There was a large crowd on hand at the Peter J. Tisserat & Sons' Poland China bred sow sale held at the Cedarbank farm, January 20, 1922. The entire offering was made up of those big, smooth, high quality individuals. The top price was \$95 on No. 1, a tried sow, Big Patsey, which carried the much of the Peter Mouw breeding. The lowest price was \$41 for one of the spring gilts. The 40 head sold at an average of \$87 per head, which was very satisfactory to Mr. Tisserat & Sons.

Glen Keesacker's Duroc Sale

Glen Keesacker's Duroc Jersey bred sow sale at Washington, Kan., Saturday, January 21, was satisfactory to Mr. Keesacker. In a letter dated January 23 he says some of the tops sold for less than their real worth but he thinks the general conditions are against high averages at present. In this letter he hands the Mail and Breeze a nice bouquet and says there were a number of strangers at his sale that told him they read his advertisement in the Mail and Breeze. Mr. Keesacker was selling a really high class offering of bred sows and gilts.

Hereford Bargains at Kansas National

The two Hereford sales at the Kansas National Livestock Exposition were bargain events. In the "Purple Ribbon" section 32 really choice and well bred Herefords sold at an average of about \$195, bringing from \$105 up to \$300 each. On the 38 plainer cattle sold in the second sale, the average was a shade below \$100, with a top of \$200.

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Feb. 6—L. J. Healy, Hope, Kan.
Feb. 6—Smith and Stauffer, Sedgewick, Kan.
Feb. 6—R. C. Smith, manager, Sedgewick, Kan.
Feb. 7—Henry Woody and T. Crowl, Barnard, Kan.

Feb. 7—Zink Stock Farms, Turon, Kan.
Feb. 8—Wm. Fuiks, Langdon, Kan.
Feb. 8—E. P. Flanagan, Abilene, Kan.
Feb. 9—Ross M. Peck, Gypsum, Kan.

Feb. 9—A. A. Russell & Son, Geneva, Nebr.
Feb. 9—G. M. Shepherd, Lyons, Kan.
Feb. 10—John W. Jones, Minneapolis, Kan., at Concordia, Kan.

Feb. 10—W. A. Conyers, Marion, Kan.
Feb. 11—Pratt County Duroc Breeders' association, V. E. Crippen, Mgr., Pratt, Kan.
Feb. 11—Marshall county breeders, Blue Rapids, Kan., John O'Kane, sale manager, Blue Rapids, Kan.

Feb. 12—B. W. Conyers, Severy, Kan. Sale at Piedmont, Kan.
Feb. 14—W. D. McComas, Wichita, Kan.
Feb. 15—W. W. Otey & Sons, Winfield, Kan.
Feb. 15—A. J. Hanna, Burlingame, Kan.

Feb. 16—Earl Babcock, Fairbury, Neb.
Feb. 16—Woodell & Danner, Winfield, Kan.
Feb. 17—J. F. Larimore & Sons, Grenola, Kan.

Feb. 18—Guthridge & Preston, Lockwood, Mo.
Feb. 18—S. and R. G. Cooley, Plymouth, and Will Albin, Saffordville, Kan. Sale at pavilion, Emporia, Kan.

Feb. 18—E. H. Dimick & Son, Linwood, Kan.
Feb. 18—John Alberts, Jr., Wahoo, Nebr.
Feb. 20—Guy A. Brown, Geneva, Nebr.
Feb. 20—R. P. Ralston, Benton, Kan. A. E. Ralston, Mgr., Towanda, Kan.

Feb. 20—L. J. Humes, Glen Elder, Kan.
Feb. 21—J. L. Smith, Lawrence, Kan.
Feb. 21—W. L. Fogo, Burr Oak, Kan.
Feb. 22—McPherson County Duroc Breeders' association, Sale at McPherson, Kan. B. R. Anderson, Mgr., McPherson, Kan.

Feb. 22—W. T. McBride, Parker, Kan.
Feb. 22—M. R. Peterson, Troy, Kan., at Bendena, Kan.
Feb. 23—Gordon & Hamilton, Horton, Kan.

Feb. 23—John Loomis, Emporia, Kan.
Feb. 24—Kempin Bros., Corning, Kan.
Feb. 25—Coffee County Duroc Breeders' association, Sale at Burlington, Kan. H. A. Dressler, Sec'y, Lebo, Kan.

Feb. 25—Dr. C. H. Burdett, Centralia, Kan.
Feb. 25—H. W. Flock & Son, Stanley, Kan.
Feb. 26—W. R. Huston, Americus, Kan.
Feb. 26—Sale at Emporia, Kan., in sale pavilion.

Feb. 28—Harvey County Livestock Improvement Association, Sale at Newton, Kan.
Mar. 7—Brower & Son, Sedgewick, Kan.
Mar. 8—D. Arthur Childers, Emporia, Kan.

Mar. 9—W. H. Hilbert, Corning, Kan.
Apr. 26—Fred Laptad, Lawrence, Kan.

Sale Reports and Other News

The annual winter sale of Holsteins at the Kansas National, Wichita, Kan., last Thursday, February 26, always featured as the "show sale" because it is the day following the judging of the Holsteins, resulted in an average of \$168 for 49 head. It was considered a pretty good sale everything considered. There were a lot of calves and young things in the sale that held the general average down somewhat.

Kansas Guernsey Breeders Meet February 8

The Kansas State Guernsey Breeders' association will hold their annual meeting at Manhattan, Kan., February 8. The meeting will be held in the evening and February 8 is dairy day of Farm and Home Week. A very interesting program has been arranged and all Guernsey breeders are urged to attend.

Northeast Kansas Shorthorn Breeders Meeting

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Buyers in both sales were, to a large extent, farmers who have only small herds or are just starting in the business. They bought the cattle and paid for them but bought them as cheaply as they could. Practically all the cattle went to Kansas and Oklahoma.

Of course there were sacrifices too, and great bargains, as in the cases of good Scotch cows with calves at foot, selling under \$200. Bulls of herd heading qualifications sold well in many cases, but here again values prevailed.

The cattle in the plainer section of the sale averaged \$118.50, the 26 head which had been so classified bringing a total of \$3,080. As the cattle in this section had, for the most part, been produced from herds not representing big investments, per head, and mostly owned near the selling point, even the average of \$118.50 must have represented a fair profit.

The sale contained many demonstrations of the fact that under present conditions of the most part, been produced from herds not representing big investments, per head, and mostly owned near the selling point, even the average of \$118.50 must have represented a fair profit.

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Of course there were sacrifices too, and great bargains, as in the cases of good Scotch cows with calves at foot, selling under \$200. Bulls of herd heading qualifications sold well in many cases, but here again values prevailed.

The cattle in the plainer section of the sale averaged \$118.50, the 26 head which had been so classified bringing a total of \$3,080. As the cattle in this section had, for the most part, been produced from herds not representing big investments, per head, and mostly owned near the selling point, even the average of \$118.50 must have represented a fair profit.

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the last week in January. There were 204 Holsteins exhibited at the Western National and the 1922 show was very encouraging. 40 head sold for an average of \$215, including calves. The cows averaged over \$300 with a \$550 top.

Kansas Jersey Cattle Club Meeting

The Kansas Jersey Cattle Club are planning a big time at their big meeting, February 8, which is during Farm and Home week at the Agricultural college, Manhattan, Kan. The Southwest Jersey Breeders association at Kansas City will be there in full force and the free banquet will start at six o'clock in the evening. Following the banquet there will be speeches and a general good time will be had. Every Jersey breeder, whether he is a member or not, is invited. R. A. Gilliland, Denison, Kan., secretary of the Kansas Jersey Cattle Club, is doing everything he possibly can to make the big meeting a success. Be sure to go if you breed Jersey cattle.

Putman & Son's Sale

There was a big crowd on hand at the Putman & Son's sale at Tecumseh, Neb., January 23, to contend for the great offering of sows which was sold. Hezapathfinder, the young boar at the head of the Putman & Son herd, took the eye of all the visitors and hog buyers. This boar was a strong winner at a number of the big hog shows this fall. Since then he has made a great growth and development and the big hog men present said day predicted he would come out in the 1922 show among the front ranks. The offering sold for an average of \$82 per head. The top was reached on No. 8, a line bred Pathfinder sow bred to Hezapathfinder, that went to Spohn & Gillian, Hardy, Neb. Following is a list of representative sales:

Sow, 3 years, Boren & Nye, Pawnee City, Neb., \$102.50.
Sow, 3 years, Geo. Dimig, York, Neb., \$102.50.
Sow, 3 years, Chas. Blauvelt, Tecumseh, Neb., \$75.
Sow, 3 years, H. J. Boyles, Erickson, Neb., \$87.50.
Sow, 4 years, D. L. Suddith, Leonard, Mo., \$75.
Sow, 1 year, Paul Versaw, Beaver City, Neb., \$82.50.
Sow, 1 year, Spohn & Gillian, Hardy, Neb., \$130.
Sow, 3 years, H. C. Hester, Beaver City, Neb., \$80.
Sow, 2 years, Stanton Allen, Lincoln, Neb., \$50.
Sow, 3 years, Geo. Lamb, Johnson, Neb., \$57.50.
Sow, 2 years, L. L. Pottler, Fullerton, Neb., \$95.
Sow, 1 year, Lester Spence, Crab Orchard, Neb., \$82.50.
Sow, 1 year, E. L. Rollar, Crab Orchard, Neb., \$62.50.
Sow, 1 year, Iven Butterfield, Beaver City, Neb., \$77.50.
Fall gilt, 1 year, A. N. Munn, Salem, Neb., \$60.
Sow, 1 year, S. F. Clark, Diller, Neb., \$72.50.
Gilt, 9 months, W. J. Worth, Dunbar, Neb., \$82.50.
Gilt, 9 months, Chas. Riggs, Tecumseh, Neb., \$92.50.
Gilt, 9 months, Fern Moser, Sabetha, Kan., \$95.
Gilt, 10 months, Geo. Burdette, Auburn, Neb., \$80.
Sow, 1 year, G. G. Betzelberger, Tecumseh, Neb., \$125.

Field Notes

BY J. W. JOHNSON

W. L. Fogo, Burr Oak, Kan., breeder of high class Duroc Jerseys will hold his annual bred sow sale at that place, Tuesday, February 21. He is selling 50 bred sows and gilts in the sale.—Advertisement.

The Morris County Poland China Breeders' association will hold the annual association bred sow sale in the sale pavilion, Council Grove, Kan., Friday, February 24. The sale will be advertised in the next issue of the Mail and Breeze.—Advertisement.

E. A. Campbell and O. L. McKenzie, Wayne, Kan., Republic county, will hold a combination sale of Shorthorns and Poland China bred sows at that place, February 27. The sale will be advertised in the Mail and Breeze soon.—Advertisement.

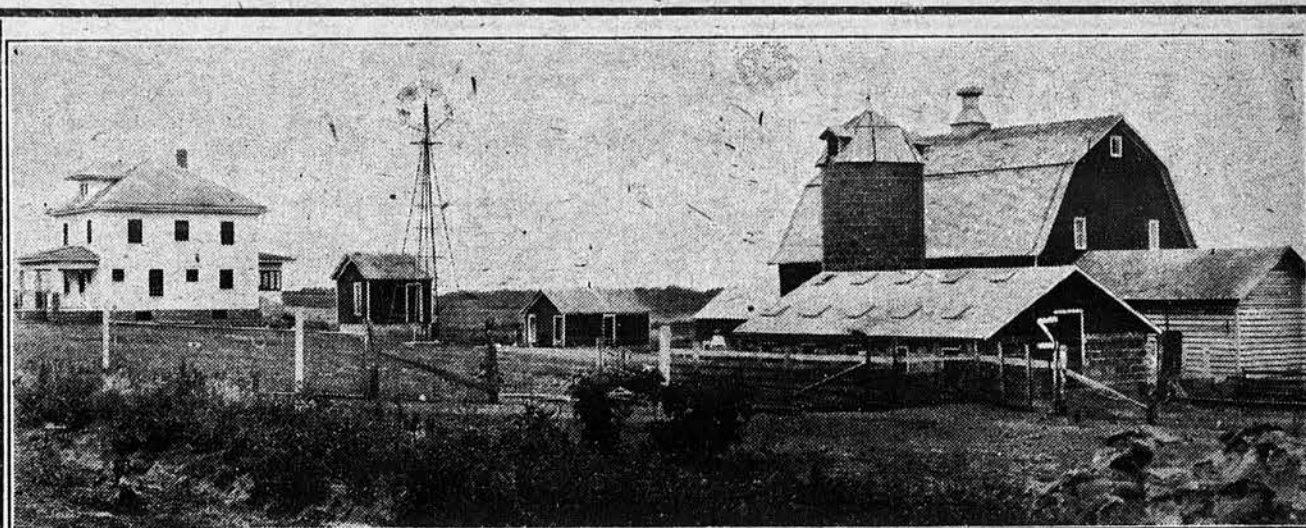
Herman Groninger & Sons are among the best known breeders of Poland Chinas in the state. The date of their annual bred sow sale is February 23 and the sale will be held in the new sale pavilion, Bendena, Kan. The sale will be advertised in the Mail and Breeze in the next issue.—Advertisement.

Theo. C. R. Anderson and J. W. Dewes, neighbor breeders of Duroc Jerseys at Osage City, Kan., will hold a combination sale in the French Motor Company's pavilion just across from the Santa Fe depot, Saturday, February 11. The sale consists of 44 bred sows and gilts. Thirty of them are picked gilts and the other 14 are proven brood sows. The breeding is good and all are bred to good herd boars in the herd. The sale catalog is out and all of the information will be found in it. Write for it at once. They will sell four good young Shorthorn bulls of good breeding.—Advertisement.

A. J. Creitz & Son, Beloit, Kan., offer Duroc Jersey bred gilts that have been well grown and that carry Orion Cherry King and Pathfinder blood to a remarkable degree. They are out of big, fashionably bred sows and are bred to an outstanding son

MORE INQUIRIES

from Kansas Farmer and Mail and Breeze than from all others. "I am glad to say that I have been more than pleased with my advertising in Kansas Farmer and Mail and Breeze, in fact have always gotten more inquiries from this advertising than I did from the others put together, this when I have had ads in three or four different papers at the same time which I have done at several different times."—S. B. Replogle, Breeder of Duroc Swine, Cottonwood Falls, Kan., October 25, 1921.



Beatrice Stock Farm, Located One Mile East, Three Miles North of Postoffice, G. A. Wiebe & Son, Props., Breeders of High Class, Big Type Poland China Swine, the Quick Growing, Big Bone, Big Litter Kind, With Size and Best Breeding. White Wyandotte Chickens. R. F. D. No. 4, Beatrice, Nebr.

Attend Our Bred Sow Sale

to be held in

Beatrice, Neb., Tuesday, February 14

11 tried sows sired by Wiebe's Big Bob, The Big Orphan, Ferguson's Big Orphan, Big Bob Master, Wiebe's Big Timm, Big Hadley Jr., Big Orphan Timm, Jumbo Prospect, Mellow Bob and Orange Valley, mostly all Big Bob and Big Timm breeding, the kind that carry the scale and smoothness. These sows are the best of producers and are mostly yearlings and 2 year olds.

7 fall gilts, 3 are sired by Mammoth Giant. The real attraction of the sale is made up of 32 head of spring gilts; 12 sired by Designer Jr., 12 by Big Orphan Timm, 3 by Liberator Boy and 3 by Yankee Bob. These gilts are as smooth as apples and as large as one can find. Some of the March gilts now weigh 400 pounds. These gilts and their litter mates won a large number of prizes at the Gage County Fair. This offering is bred to Yankee Bob, Designer Jr., Liberator Boy and Constructor, four boars that are up to now in quality and breeding. For Sale Catalog write

G. A. Wiebe, Beatrice, Nebraska

Auctioneer, Col. J. C. Price. Send your buying orders to J. Cook Lamb, fieldman for Capper Farm Press.

of Great Sensation for spring farrows. You can't do better than write to them for descriptions and prices on these splendid gilts. They are not holding a bred sow sale and will price them very reasonable.—Advertisement.

Henry Murr of Tonganoxie, Kan., is changing his Chester White advertisement in this issue. At this time Mr. Murr is offering some choice Chester White gilts bred for April farrow. Also some good fall boar pigs.—Advertisement.

W. A. Prewett & Sons, Asherville, Kan., Sunnyside Poland Chinas and Polled Shorthorn cattle breeders will hold their annual winter sale at the farm joining Asherville, Saturday, February 18. They will sell 50 Poland China bred sows and gilts and eight Polled Shorthorn bulls. Their sale catalog is ready to mail. Write them for a copy today.—Advertisement.

Schmitz Bros.' Poland China Sale

Schmitz Bros., of Seneca, Kan., are advertising their Poland China bred sow sale to be held at Seneca, February 15, in this issue. Their offering will consist of 40 head of choice big type bred sows and gilts. The most of the offering will be bred to the Junior champion boar, Nemaha Giant, by Columbian Giant. This will be one of the good offerings of the season. Look up their advertisement and write at once for catalog.—Advertisement.

H. B. Walter & Son's Poland China Sale

H. B. Walter & Son's annual Poland China bred sow sale will be held at Bendena, Kan., February 7. If you are interested in Poland Chinas you undoubtedly know about this herd. In this sale they are selling 38 spring and fall gilts bred to Bendena Giant, grand champion boar of Kansas in 1921, and Peter's Giant by Peter the Great 2nd. You still have time to secure the catalog if you write them for it at once. The sale will be held in the sale pavilion in Bendena.—Advertisement.

Lynch Bros.' Spotted Polands

Lynch Bros., Jamestown, Kan., breeders of the popular Spotted Poland Chinas are starting their advertisement in the Mail and Breeze this week. They offer fall pigs, either sex, all eligible to registry at very attractive prices to move them right away. Lynch Bros. will be remembered by those who admire the Spotted Poland Chinas as exhibitors at a number of the fairs last fall. They showed their big herd boar, one of the largest hogs out last fall. Write them for prices on fall gilts and a boar not related.—Advertisement.

Leo J. Healy's Duroc Sale

Leo J. Healy's big Duroc Jersey bred sow sale of 50 bred sows and gilts at the farm adjoining Hope on the south, next Monday, February 6, is the opening sale in the big central Kansas circuit. Hope is driving distance from Herington, where you have splendid Rock Island connections. You can leave Salina on the Missouri Pacific the morning of the sale and arrive at Hope before noon. You can stay all night in Hope and go to Barnard the day following for the Woody-Crowl combination sale. Remember, Monday, February 6 is next Monday.—Advertisement.

Willson-Davison Sale Springbrook Stock Farm

In a field note last week and the copy of the big Polled Shorthorn dispersion sale of Willson & Davison, Lebanon, Kan., I mentioned T. M. Willson's stock farm as Sunnyside stock farm when it should have been Springbrook stock farm. I am also

Stafford County Poland Ass'n Sale

Stafford, Kansas, Saturday, February 18

50 Head, 10 Tried Sows, 35 Gilts, 5 Boars

A number of these are winners or dams of winners at 1921 Stafford show, one of the best hog shows in the state. Some are sired by Liberator, Sterling Buster, Big Sensation, Seward Buster, Big Bob, King Joe, etc. Some are close up in the blood of Columbus Wonder, Peter Pan and Wonder Buster. Females are bred to Constructor, Rickert's Constructor, Columbus Chief, Peter Pan's Giant, Constructor's Kind, Show Master, etc.

Consignors: Mr. Rickert, 19 gilts bred to a son of Columbus Wonder, 1920 Kansas grand champion, and a son of Constructor; Mr. Schrader, 3 gilts bred to a son of Peter Pan, the greatest Giantess boar of the day; Mr. Long, 2 gilts bred to a son of Constructor; Mr. Gooding, 3 bred to a son of Big Sensation; Mr. Gore, 2 daughters of Harrison's Big Bob, senior champion 1921 Stafford show; and Mr. Erhart, a number in which will be Dixie's Sensation, dam of Mr. Erhart's show litter that sold so well in last fall Poland sale. She is bred back to Constructor, the sire of that wonderful litter.

The offering has all been bred for seasonable farrow and has been closely inspected and warrants careful consideration of parties desiring good Polands.

E. E. Erhart, Stafford, Kansas

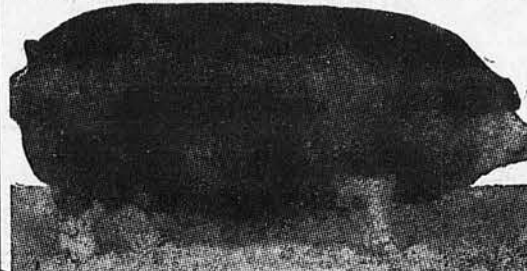
manages the sale and will send you a catalog immediately upon receipt of request for it. Send for it today and please mention that you saw the advertisement in the Kansas Farmer and Mail and Breeze.

Auct., Jno. Snyder. Send mail bids to J. T. Hunter in care of Mr. Erhart.

Hageman's Poland Bred Sow Sale

H. L. Hageman, Odell, Nebraska, sells thirty head of bred sows and gilts at

Odell, Nebraska
February 20



Three fall sows. These are full sisters to White Sox, the grand champion boar at Gage County Fair, shown in a class of 45. These sows are also winners in their class. 26 spring gilts, all by White Sox, the champion boar. These sows will be bred to King Wonder and Real Sensation. King Wonder is by Commander King and Real Sensation is by Commander.

For sale catalog write

H. L. Hageman, Odell, Nebraska

Send buying orders to J. Cook Lamb who will represent Capper Publications. Forke Brothers, Auctioneers.

POLAND CHINA HOGS

LOY'S BIG TYPE POLANDS

Large spring gilts sired by L's Yankee, Ben's Giant and Loy's Evolution. Bred for March and April farrow to Liberty Bob and L's Yankee. Immured, guaranteed, pedigreed. Priced right.

C. F. LOY & SONS, MILO, KANSAS

BIG POLAND CHINAS

For quick sale, 20 bred sows and gilts, bred for early spring farrow to Clausman Junior and Sheehy's Buster. 100 fall pigs, all immune. Satisfaction guaranteed or money refunded.

ED SHEEHY, HUME, MISSOURI

POLAND CHINA HOGS

Big Type Poland Chinas

Gilts out of dams by Mow's Special 6th, Grandview Wonder and Hill's Col. Jack, bred to Giant Liberator 2d for early farrow. Tried sows bred to Loy's Evolution. Immured. Priced right. Special prices to pig club boys.

G. E. LOY, BARNARD, KAN. (Lincoln County)

35 Spring Gilts

to farrow in March and April by Big Timm Jr. and King Liberator by Liberator out of dams by Big Wonder by King of Wonders and bred to a son of The Jayhawker and King Liberator.

J. F. BELL, NEWTON, KANSAS

Von Forell Bros.' Poland Bred Sow Sale

Will be Held at Farm, 4 Miles Northeast of
Chester, Nebr., February 15

40 Head of Poland Chinas
5 tried sows, 33 spring gilts, 2 fall gilts, sale attractions

Farmers, a good sow well cared for will make your corn bring from \$1.50 to \$3.00 per bushel. Why take 30c? There is a big shortage in hogs and cattle, in all meat producing animals. The demand for good sows is getting stronger every day. Later on they will cost more money; now is the time to buy. This offering is made up of a fine lot of tried sows, fall gilts and spring gilts of the best breeding and quality, bred to The Nebraskin, he by The Yankee, Nebraska Orange Piece and Big Design. Write at once for catalog which will give full details of the offering.

Von Forell Bros, Chester, Nebr.

Col. E. Von Forell, Auctioneer. Send all buying orders to J. Cook Lamb, fieldman for the Capper Farm Press.

Poland China Bred Sow Sale

At Glenwood Farms. C. S. Nevius &
Sons 17th Annual Bred Sow Sale

At Farm Near

Chiles, Kan., February 14

50 HEAD—25 big spring yearling and fall gilts, weighing from 400 to 600 pounds. 25 big spring gilts weighing from 300 to 450 pounds. Sired by Quality Bob, Model Big Jones, Col. Bob, The Jayhawker and Bob's Equal. 25 head will be bred to King Kole Leader by the champion King Kole. Dam was by the champion Big Bone Leader. King Kole Leader is the best herd boar we ever owned. This is an out cross for all Kansas breeding. 25 head bred to Long Big Bob and Bob The Giant by Bob's Equal.

Will offer two Scotch bulls, one red, one white.
Real herd bull material.

Please send for catalog today and come to sale.

C. S. Nevius & Sons, Chiles, Kansas

Auct., H. M. Justice. O. Wayne Devine will represent this paper at sale.

W.A. Prewett & Sons Sell

At Sunnyside Stock Farm,

Asherville, Kan., Saturday, Feb. 18

This is our annual sale. 50 Poland China bred sows and gilts. Also eight Polled Shorthorn bulls. This offering is first class. Send for catalog. Address,

W. A. Prewett & Sons, Asherville, Kan.

Auctioneers: Jas. T. McCulloch, Will Myers.

Size With Wonderful Feeding Qualities

35 spring gilts, 2 tried sows, 3 spring yearling boars. Sale at the fair grounds, under cover.

Beloit, Kansas, Tuesday, February 14

The entire offering is closely related to some of the best boars and sows known to the breed. The offering is by Giant Liberator, Liberator Over, Col. Jack, the \$10,000 boar, Hills Col. Jack by Col. Jack. The dams of the offering are by such boars as Liberator, Col. Jack, Giant Orphan, Big Timm, Charter's Giant, Grandview Wonder and others. Everything bred to Giant Liberator, Hills Col. Jack and Prairie Pete, three of the most richly bred boars in the state. For the catalog address,

Remember the Sale is
at Beloit, Kansas

W. H. Hills, Milo, Kansas

Auctioneers: Jas. T. McCulloch, Will Myers.
J. W. Johnson, fieldman, Mail and Breeze.

requested by Mr. Willson to say that Geo. Hammond and R. L. Taylor of Smith Center are consignors to the sale. Fifty head of splendid Polled Shorthorns will be sold at Springbrook stock farm eight miles south of Lebanon, Monday, February 13. Write today for the catalog.—Advertisement.

The Woody-Crowl Duroc Sale

The Woody-Crowl combination sale of "48 sure enough tops" is going to be held at the "Roadside Farm" near Barnard, Kan., Tuesday, February 7. That's next Tuesday. It is the day following the Leo Healy's sale at Hope and the day before the E. P. Flanagan sale at Abilene. If you have not already written for the catalog you will find one at the ring side for you. The Woody-Crowl combination sale of 48 spring gilts, tops from the two herds is going to be hard to beat in Kansas this winter. Just remember that and attend this sale.—Advertisement.

Harry Shearer's Sale

Harry Shearer, Logan, Kan., Phillips county, is selling seven tried sows and 11 fall gilts. The rest of the offering is spring gilts of a very fine quality. The Shearer offering all the way through is bred along the lines of the larger type and will be found of excellent bloodlines tracing directly to some of the best families in the breed. The sale will be held at the farm, near Logan, and if you have not already written for the catalog you will find one at the sale waiting for you. There will be about 40 head in the sale. About half of them big, well grown, well conditioned spring gilts.—Advertisement.

E. P. Flanagan's Duroc Sale

E. P. Flanagan, Abilene, Kan., selling at his splendidly equipped farm joining Abilene and just six blocks east of the court house, will probably sell more Duroc Jerseys, all of a very high class, than will be sold in any sale this winter. He is selling 100 head. There are sure to be some bargains in a sale of this number. His sale, February 8, follows the Woody-Crowl combination sale at Barnard, and is the day before the Ross M. Peck sale at Gypsum. You don't want to miss any sale in this circuit as all of them are important. You will find catalogs, plenty of them at the sale ring sale day.—Advertisement.

Dubach Bros.' Poland China Sale

Dubach Bros., Wathena, Kan., sell 40 Poland China bred sows and gilts in their annual sale at their farm and in their own sale pavilion, next Wednesday, February 8. It is a high class offering, one of unusual merit, both from the standpoint of meritorious breeding and as individuals ranking with the best to be found anywhere. But few offerings will excel the Dubach offering February 8. If you have not already written for the catalog you will find one at the sale ring the day of the sale. But you have time to get the catalog if you write today. Address, Dubach Bros., Wathena, Kan., mentioning the Mail and Breeze.—Advertisement.

John W. Jones's Duroc Dispersal Sale

John W. Jones, Minneapolis, Kan., selling his dispersion sale of Duroc Jersey bred gilts at Concordia, Kan., Friday, February 10 will sell an unusual offering of just spring gilts. However, he is selling five very choice spring boars. Mr. Jones is taking considerable pride in the offering he is putting up in his final sale. There will not be an old inferior sow in the sale and it will just be nice, smooth spring gilts that have been well grown out and the kind that never fail to make money for their purchasers. The sale is next Friday, February 9, and it will be held in nice comfortable quarters near the Barons house. You can get the catalog if you write at once for it. You will get it by return mail.—Advertisement.

Ross M. Peck's Duroc Sale

Ross M. Peck, Gypsum, Kan., closes the big Central Kansas Duroc Jersey bred sow sale circuit, Thursday, February 9 with an offering of 50 sows and gilts that are as good as anything to be sold in Kansas this winter. Most of them are bred to his herd boar, Joe's Orion Friend Walt, a son of Joe Orion 2nd., and a splendid breeding boar. This is an offering of well grown, well conditioned bred sows and gilts that you will know instantly are of the kind that is advancing the Duroc Jersey interests in Kansas. You can stay all night in Abilene and go to the sale the next morning or go to Salina and stay all night and go to the sale in the forenoon of the day of the sale and back to Salina the evening of the sale. Plenty of catalogs at the sale ring.—Advertisement.

W. H. Hills's Poland China Sale

W. H. Hills, Milo, Kan., is selling a draft of 35 spring gilts, two tried sows, three spring yearling boars in his sale at Beloit, Kan., Tuesday, February 14. It is one of the best bred Poland China offerings to be made in Kansas this winter. Mr. Hills has paid some very high prices for bred sows and sows and gilts closely related to the most talked of families are to be found in this sale. You will, very likely be able to buy these fashionably bred sows and gilts for prices that will not be much above, if any, the prices that will be paid all over Kansas this winter for just ordinary bred sows and gilts. You have time to write for the catalog and receive it before the sale, if you write at once. Address, W. H. Hills, Milo, Kan.—Advertisement.

Johnson Workman's Angus Sale

Johnson Workman's big dispersal sale of Angus cattle at Russell, Kan., Wednesday, February 8 offers opportunities to buy registered Angus cattle, 200 head, at prices that will be favorable to the buyer. The Workman herd is one of the well known and well established herds in Kansas. Johnson Workman has been identified with the Angus interests in Kansas for years and is now secretary of the Kansas Angus Breeders Association. The sale is made to raise money immediately and like sales of this kind always have been, it is sure to be full of bargains. Johnson Workman is not leaving Kansas or Russell county, but will be found there, active in the affairs of the purebred livestock in that section and especially of Angus cattle. Write him today for the sale catalog and plan on attending. Mention the Mail and Breeze when you write.—Advertisement.

Updegraff & Son's Poland China Sale

Updegraff & Son, North Topeka, Kan., will sell from their Riverside herd, 30 Poland China bred sows and gilts in their bred sow sale, corner of Jackson and Railroad streets, North Topeka, Saturday, February 18. These sows are of the larger type and have been well grown and well handled

and are sure to prove money makers for their purchasers. They are bred to the Updegraff boars, two of the best Poland China boars in this section of the state at least. These bred sow sales are regular events each winter with the Updegraffs and the evidence that they are progressing with their herd at Riverside farm is the fact that each succeeding sale in North Topeka is better than the one that preceded it. Write for the catalog and plan on coming to this sale. It is your last chance this winter to buy a bred sow in the vicinity of Topeka at least.—Advertisement.

J. J. Smith's Duroc Sale

J. J. Smith, Lawrence, Kan., breeder of quality Duroc Jerseys, will sell at his farm near town, Tuesday, February 21, a draft of young Duroc Jersey sows that you should be interested in if you are a breeder or a farmer starting in the hog business this spring. Twenty-two of these gilts are spring gilts, bred for spring farrow and 18 are last fall gilts and the actual tops of the fall crop of pigs. The herd boar, Intense Great Wonder, that sired most of the fall gilts and to whom most of the spring gilts are bred, is one of the real Duroc Jersey boar prospects. He is of the correct type, plenty of size and is siring the kind that everyone is trying to raise. This sale is one of distinct quality and you should get the catalog at once and familiarize yourself with the breeding and the individuals that will be sold in the sale. Write today for the sale catalog and you will get it by return mail.—Advertisement.

Kansas Spotted Poland China Ass'n Sale

The Kansas State Spotted Poland China association has claimed February 25 as the date for their big state association sale which is to be held in Alma's modern sale pavilion. Sixty-five head will be sold in this sale of bred sows and gilts selected from the state association herds. In this way each herd will be able to make as nice a bow to the Spotted Poland China fraternity and to Kansas farmers as the owner sees fit to make. It stands to reason that the different members will put their best foot forward in this big sale with some real choice sows and gilts and bred to good boars. The members are not looking for high prices but hope to scatter over the state some good Spotted Poland China seed and to advertise their herds and their association by so doing. F. H. Manning, Parker, Kan., has the sale in charge and will be pleased to receive a letter from you with your name and postoffice so he can send you the sale catalog. Mention the Mail and Breeze when you write.—Advertisement.

H. C. Graner's Shorthorns

H. C. Graner, Lancaster, Kan., Atchison county, is a well known breeder of Shorthorn cattle and Poland China hogs at that place for years. Recently he has sold his farm there and bought a smaller farm near Atchison where he expects to continue in the business. But he must sell some of his breeding stock because the smaller farm will not take care of it. On February 15 at the farm near Lancaster he is selling about 15 bred sows, good ones, the real big type kind and the kind that Henry Graner always raised if you are familiar with his effort in that line for the last 10 or 15 years. Besides he is selling some good cows, some of them with calves at foot, a few heifers and a yearling bull. But the real attraction in the sale is his herd bull that he is thru with, Imp. Lord Alexander, a very valuable bull that is sure to sell far below his real value. Anyway he is thru with him and he is going to sell in this sale, February 15. Write for more detail information about him and the rest of the offering.—Advertisement.

O. R. Strauss's Poland China Sale

Kansas Poland China breeders who are interested in better Poland Chinas will be sorry to learn that O. R. Strauss, Milford, Kan., has decided to retire from the breeding business for a while at least. Mr. Strauss, who attended very closely to his herd did not go around very much over the state among the breeders and was not very well known personally but his Poland Chinas, wherever they went, were lasting advertisements for him and his Silverdale herd at Milford. The date of his dispersal sale is February 21. It is advertised in this issue of the Mail and Breeze. Included in the sale is Giant Bob Wonder, a 1200 pound boar that has sired a world of good boars and herd sows that their owners are proud of. Jumbo Joe is another boar, a junior herd boar that some breeder should buy that has use for the kind of a boar. All the herd sows go and all are bred. Also a spring of spring gilts, all bred for spring farrow. About 20 fall pigs, good ones, by the great herd boars will be included. The catalog is ready to mail. Write for it today. Address, O. R. Strauss, Milford, Kan.—Advertisement.

A. J. Hanna's Duroc Sale

Did you write A. J. Hanna, Burlingame, Kan., for his February 15 Duroc Jersey bred sow sale catalog? You will find the sale catalog interesting, possibly you are familiar with the breeding, but you would be interested in knowing just why and how Hanna has arrived at his decisions in making many of the crosses he has made. The careful buyer is always interested in knowing that the breeder he buys from is a student of his business. The 20 fall yearling and 20 spring gilts in this sale are as good as any like number you will find in any sale in the west this winter. They have been carefully fed and handled for their new owners just like Art Hanna would handle them if he was keeping them for himself. The 20 fall yearlings will weigh around 400 pounds sale day and the spring gilts are just as good. Practically the entire offering was sired by Grinson Pathfinder by Great Pathfinder. This boar, now the senior herd boar in the Hanna herd is the same herd boar that practically every sow in the 1921 Hanna bred sow sale was bred to and those who bought sows in that sale will know his value. In the 1922 Hanna bred sow sale this boar has sired practically everything and the offering is bred to a junior herd boar, The Sensation by Major Sensation. They are the type that every breeder is striving for. But write today for the catalog. Address, A. J. Hanna, Burlingame, Kan.—Advertisement.

The Willson & Davison Dissolution Sale

The Willson & Davison dissolution sale at Lebanon, Kan., Smith county, Monday, February 13, will be held at T. M. Willson's stock farm south of Lebanon, and there will be plenty of autos to take you to the sale and return you in the evening. The Bunker hotel will be sale headquarters and all you have to do is get the catalog and don't forget the date, Monday, Febru-

ary 12. In this dispersion sale they are selling 50 head, a working herd consisting of 45 females, two splendid herd bulls and 15 young bulls from six to 12 months old. The entire herd is in just splendid working condition. I might explain here that a number of the bulls are consigned by their neighbor breeder, George Hammond, of Smith Center. But it is a sale everyone interested in Polled Shorthorns should know about. The 17 cows in the sale, many of them with calves at foot, by sale day are young, splendid matrons that will strengthen any Polled Shorthorn herd. The foundation of the herd came from the Achenbach Bros. herd at Washington, Kan. There are nine or ten bred heifers and a string of yearling heifers open that will surely please you if you like the beautiful Polled Shorthorns. Nothing is going to be fat and show that they have been conditioned for the sale to the point where they are over conditioned, but on the other hand everything will show good care and careful handling and they will be in the best of breeding condition. Write for the catalog today as the time is short.—Advertisement.

L. L. Humes' Duroc Sale

For years L. L. Humes, Glen Elder, Kan., Mitchell county, has bred Duroc Jerseys. He has never been satisfied with just ordinary Duroc Jerseys, with just being able to put them across as purebreds but has always aimed higher and aspired to breed on his own farm the kind that could win in the show ring and to sell in his own sales the kind that make for better Durocs in Kansas. He was one of the promoters of the Kansas Duroc Jersey Breeders' association and was its first president. Calculator, the great show and breeding boar at the head of his herd, was made grand champion at the big Kansas National at Wichita in 1921. Other herd boars of note in his herd are Highland Cherry King, a son of Orion Cherry King; Pathfinder's Sensation and Long Giant, are two other boars of note. The herd sows in this big herd are as good as you will find in any herd in the land. In this big bred sow sale, 81 cataloged, you are going to find some real individuals and breeding that has made good all along the line. "Roy" Humes has stood back of every transaction he ever made and that is always worth mentioning. In this

sale you will buy with the knowledge that every animal is fully guaranteed as she is represented in the sale. That is true of all of our Kansas sales but it is especially true of the Humes sales. You will find a wonderful lot of spring gilts in this sale. Not just a few to make your selections from but a lot of them. Write for the catalog right now because Humes says it is ready to mail and you want to look it over before the sale. Look up his advertisement in this issue.—Advertisement.

N. E. Kansas Duroc Sale Circuit

The circuit of Duroc Jersey bred sow sales in northeast Kansas the week of February 20 affords breeders and farmers an opportunity to make their selections from around 250 bred sows and gilts. The circuit is arranged as follows: February 21, Fern Moser, Sabetha; February 22, M. R. Peterson, Troy; in the sale pavilion, Bendena; February 23, Gordon & Hamilton, Horton; February 24, R. E. Kempin, Corns; February 25, Dr. C. H. Burdett, Centralia, Kan. All of these sales will be held in town, in comfortable quarters and arrangements are being made to take good care of those who attend. You can attend all of the sales with very little expense. You can surely find what you want from 250 sows. You will have the opportunity of meeting lots of breeders and farmers and an exchange of ideas with them will be good for all. The circuit of sales will be advertised in the next issue of the Mail and Breeze but you can have them book you for the catalogs right now just as well as to put it off until the advertising appears. Write now and be sure you don't forget it. Always mention the paper you saw the advertising in when you write. The breeder likes to know where you saw it.—Advertisement.

BY J. T. HUNTER

Last Call Dvorak's Poland Sale

See last issue of Kansas Farmer and Mail and Breeze for advertisement of Jos. L. Dvorak's Poland sale at farm near Lincolnville, Kan. Some of the very best bred Poland in the state go in this sale. This is the tenth sale for Mr. Dvorak during his 26 years of raising Poland.—Advertisement.

Last Call for Smith-Stauffer Duroc Sale

See last two issues for display advertisement of the Smith-Stauffer Duroc sale at the Smith farm near Sedgwick, Kan., Monday, February 6. They will combine and sell 20 tried sows, 15 spring gilts, and four boars of the best of breeding. Plan to make this sale and get some good farm quality Durocs.—Advertisement.

J. A. Reed & Sons, Lyons, Kan., state that they have twenty of the best large bred gilts they have ever had and offered for sale. In this issue they change their advertisement to state that they have no more boars for sale but offer these good gilts just mentioned. Write them. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

The Albin-Cooley Duroc Sale

Three Duroc breeders combine to hold a Duroc sale at the pavilion, Emporia, Kan., Saturday, February 18. They are Simon Cooley, Plymouth, Kan.; Ray G. Cooley, Plymouth, Kan., and Will Albin, Saffordville, Kan. The offering will consist of nine tried sows, 15 fall gilts, and 15 spring gilts. The breeding of the sires and dams of the offering as well as the boars to which the offering is bred will be found in the display advertisement in this issue of the Kansas Farmer and Mail and Breeze. Readers will observe that this will be one of the very best offerings of the season in so far as blood lines of parentage and boars to which the offering is bred, and a visit to the herds producing the offering will convince one that good individuality also accompanies the good breeding in these herds. A few bred sows or gilts from this offering will make good foundation material or keep up to a high standard any herd now established. Write for a catalog today. Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter in care of any of the three consignors. For catalog address Simon Cooley, Plymouth, Kan.; R. G. Cooley, Plymouth, Kan. or Will Albin, Saffordville, Kan.—Advertisement.

McPherson Association Sales

The two days' association sales at McPherson, Kan., under auspices of the county breeders' association will be as follows: Herefords and Shorthorns, Tuesday, February 21, and Durocs, Wednesday, February 22. Fifteen females and fourteen bulls sell in the Hereford sale and about the same number sell in the Shorthorn sale. These animals are from the best herds of the section and their sale means the distribution of some extra good females and bulls of the best purebred stock. The Durocs are from the best herds of the section. In fact most of the offering of Durocs in this sale will be not only of the same blood lines but there will be a number of them from the very same litters that furnished hogs that topped the Duroc sale at Newton last fall and the recent Kansas National Duroc sale and a number will be sired by or bred to Victory Sensation 3d that was second in class at 1921 State Fair and senior champion at 1922 Kansas National. Read the advertisement in this issue for more definite information concerning breeding of offerings and consignors. Write County Agent V. M. Emmert, McPherson, Kan., for a catalog. Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter.—Advertisement.

Hunt's Annual Poland Sale

Wm. Hunt, Osawatomie, Kan., has been raising Spotted Poland on one farm for over 25 years. His is the oldest established herd in the state. By constructive development thru these many years Mr. Hunt has maintained an enviable standing among the best breeders of the whole country and his herd is known far and wide. In this herd are four excellent sires two of which have shown ring records of national importance. The majority of the offering will be bred to or sired by these boars. However, a number will be by or out of other sires and dams. The reader should turn to the advertisement in this issue of the Kansas Farmer and Mail and Breeze and read it and get a good general idea concerning the offering that Mr. Hunt sells at Paola, Kan., Saturday, February 25. The Spotted Poland is coming into higher and higher regard among farmers wanting to get into the purebred business and there is no sale to be held this season that offers better Spotted Poland than this Hunt sale. In fact the Hunt annual February sale is always an event among Spotted Poland breeders of Kansas and adjoining territory. Write Wm. Hunt and get a catalog and attend the sale

Buy a 1922 Calculator Bred Sow

81 tried sows, fall yearlings and spring gilts. Nothing better will go through a sale ring in 1922. Sale at the farm under cover. Farm eight miles south, two west of

Glen Elder, Kan., Monday, Feb. 20

Free autos to and from the farm. Many of the best things in the sale were sired by Calculator, the 1921 Kansas National grand champion. A large number are bred to him. Others are by Highland Cherry King, and some are bred to him. Other boars that are important factors in this big sale are Pathfinder's Sensation and Long Giant.

If you are going to breed Durocs you can't afford to miss this sale. Positively the grandest lot of Duroc Jersey bred sows ever sold in one sale before in Central Kansas. Come and see. My catalog is ready to mail right now. For a copy address,

L. L. Humes, Glen Elder, Kansas

Auctioneers: Will Myers, J. B. Heinen.

Send all bids to J. W. Johnson or W. W. Jones in my care at Glen Elder, Kan.

Important. 240 acres of wheat land will be sold. Write or wire for particulars. Sale regardless of weather. Come to Glen Elder.

DUROC JERSEY HOGS

Large Type Duroc Jersey Bred Gilts

Sale at the farm near town,

Lawrence, Kan., February 21

22 well grown, well bred spring gilts mated to the splendid boar,

Intense Great Wonder

a real show and breeding boar whose get grow out quickly and of even size and distinctive character.

18 last fall gilts, selections from my fall crop of pigs. Just the good ones.

The entire offering is richly bred and carries the blood of the best sires and dams of the breed.

Everything Immunized

Free autos from the Eldridge Hotel to the farm and back for those coming in on trains. Catalogs ready to mail. Address

J. J. Smith

Lawrence, Kansas

Homer Rule, Auctioneer

J. W. Johnson, fieldman, Mail and Breeze. Send your bids to him, care J. J. Smith, Lawrence, Kan.

Big Type Bred Gilts

Big boned stretchy March bred gilts of the best of Pathfinder, Orion, Sensation, and Great Wonder breeding. Immunized and priced to sell quick.

J. A. REED & SONS, LYONS, KANSAS

Duroc Boars \$20.00 to \$25.00

150 to 200 lbs. Well bred good bone and length. Order from this advertisement direct and I will ship you a good pig. J. E. WELLEN, HOLTEN, KAN.

Hogs For Profit

This new book tells how to DOUBLE YOUR PROFITS. A limited number of copies FREE. Address Ross Salmon, Dept. K, McFall, Mo.

150 Pound Pedigreed Duroc Boars

Immunized, \$17.50 each. Chas. Dorr, Osage City, Kansas.

BRED SOW SALE ON FEBRUARY 7

The joint sale of bred sows and gilts. Pathfinders, Sensations, Orion breeding. F. S. Crouch and Overstake Bros., Atlanta, Kansas

Albin-Cooley Duroc Sale

at Pavilion,

Emporia, Kan., Saturday, Feb. 18

9 tried sows—15 fall gilts—15 spring gilts

Tried sows by Great Wonder I Am that sired Great Sensation, the sire of the twice national grand champion, Great Orion Sensation; Model Alley, 1918 Kansas grand champion; Illustrator Orion 3rd; Pathfinder H 2nd; Pet's Great Wonder; and Headlight Pathfinder.

Fall gilts are granddaughters of Great Wonder I Am thru sons and daughters of that great sire.

Spring gilts out of tried sows and by Giant Orion Sensation by Great Orion Sensation; and Pathfinder H 2nd.

The females are bred to Royal Pathmaster by Pathmaster out of a dam by Royal Pathfinder; a son of Stilts out of a dam by Great Orion, 1918 world's grand champion; and a son of Jack's Orion King 2nd, 1917 world's junior champion.

Note that this is an offering close up in the blood of the best and bred to good sons of great sires.

Address any one of the three consignors:

Simon Cooley, R. G. Cooley, Will Albin, Plymouth, Kan. Plymouth, Kan. Saffordville, Kan.

Woods & Crouch, Auctioneers. Send mail bids to J. T. Hunter. Write for catalogs, mentioning Kansas Farmer-Mail and Breeze.

Modern Durocs Lockwood, Mo., Saturday, Feb. 18

Bred to O. K. Scissors by Jackson's Orion King, dam by Scissors, and Wonder Pathfinder, first at Mo. State Fair 1919, first Ozark Stock Show 1921.

Big, Smooth, Stylish Sows and Gilts by Wonder Pathfinder, Scissors Orion 2nd, Stilts' Model, Great Wonder's Giant, Walt's Cherry Col., Ideal Pathfinder, Top Orion Sensation, Grand Sensation, Greater Orion Sensation, etc.

Look! A big, showy, Orion Cherry King sow bred to SCISSORS. The only place, except Pinecrest, where you can buy one.

A. L. Guthridge & I. F. Preston, Lockwood, Mo.

We guarantee satisfaction on bids sent C. L. Carter, Fieldman for Capper Press.

Snowstorm

caused Lambert & Weatherwax's Jan. 18 Duroc Sow Sale to be postponed until

February 11

Hold the same catalogs. If you don't have one, write

Lambert & Weatherwax, Beaver City, Nebr.

Sale February 11

Duroc Jersey

BRED SOWS—14 proven brood sows and 30 well grown spring gilts. Sale in the French Garage.

Osage City, Kan., Feb. 11

Sensation, Orion, Illustrator breeding. Everything bred for spring farrow to good boars.

Note: Three Tomson bred Shorthorn bulls; purebreds, will be sold.

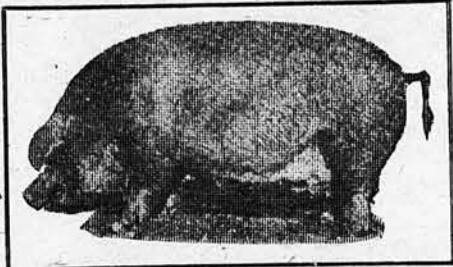
For the catalog address, either,

Theo. C. R. Anderson or J. W. Dews, Osage City, Kan.

Auctioneers: Homer Rule, M. N. Runyon.

Duroc Bred Sow Sale

Earl Babcock is Selling Forty Head of Bred Sows at Fairbury, Neb. Feb. 16, 1922



Six tried sows, one by Old Pathfinder and two by Orion Cherry King Junior; fifteen fall gilts, they are by King's Colonel Orion and Pathfinder breeding. The spring gilts are by Credit Sensation and True Pathfinder Again. Credit Sensation is by A King Sensation, a boar that took second in class at the Nebraska State Fair in very strong competition. The offering will be bred to Credit Sensation and Pathfinder Orion. Pathfinder Orion is by Great Pathfinder. For sale catalog write

Earl Babcock, Fairbury, Neb.

Send all buying orders to J. Cook Lamb who will represent Capper Publications. Colonel W. M. Putman.

Pathfinder and Sensation Blood

20 fall yearling gilts and 20 spring gilts. Grown and conditioned with this sale in mind. Sale in pavilion.

Burlingame, Kan., Wednesday, February 15

18 great fall yearlings weighing better than 400 sale day. 20 spring gilts, well grown and typy, all except two sired by our senior herd boar, **Crimson Pathfinder by Great Pathfinder**. Two fall yearlings are by **King's Col. 40th** and bred to **Crimson Pathfinder**.

The entire offering with these two exceptions are bred to our junior herd boar, **The Sensation**, a grandson of **Major Sensation**. It is a well grown, well bred, typy offering worthy your consideration. Our catalog is ready to mail. Address,

A. J. Hanna, Burlingame, Kansas

Homer Rule, Auctioneer.

If you can't get to the sale send your bids to J. W. Johnson in our care.

DUROC JERSEY HOGS

McCOMAS' DUROCS

Bred gilts for spring farrow. Fall boar pigs. Orion Cherry King, Pathfinder, and Sensation breeding. W. D. McComas, Box 455, Wichita, Kansas

Bred Gilts—Big Type

Big stretchy, outstanding gilts bred for spring farrow. Best blood lines of Sensation, Orion, Pathfinder and Crimson Wonder families. Immured and priced low. Ernest A. Reed, R. 2, Lyons, Kan.

Duroc Bred Sows and Gilts

Bred sows and gilts shipped on approval. Immured and absolutely as described. A few spring boars. Write for descriptions and prices. D. C. ASHER, LAWRENCE, KAN.

Valley Spring Durocs

Sensations, Pathfinders, Orions. Boars all ages. Sows and gilts bred to outstanding boars. Immured, pedigree furnished, guaranteed breeders. Year's time if desired. E. J. Bliss, Bloomington, Kan., Osborne Co.

Drake's Bred Gilts and Spring Boars

30 gilts bred to Smooth Sensation by Sensation's Master. Pathfinder Graduate and Great Wonder Model. Bred gilts for spring farrow, \$30 and up. A few good boars, \$20 to \$30. Cholera immunized. Time to reliable parties. Describe your wants. Homer Drake, Sterling, Kan.

How Would You Like

to own a sow or gilt bred to a boar that weighed 725 pounds at just 18 months old? We are selling that kind. Write for prices. STANTS BROS., HOPE, KANSAS

DUROC JERSEY HOGS

A Few Bred Gilts

at private sale. My greatest bred sow sale February 15. Send today for catalog. W. W. OTEY & SONS, WINFIELD, KAN.

REAL BIG TYPE BOARS

Real spring boars sired by Shepherd's Orion Sensation, the sire of champions. Real Pathfinders by Pathfinder Jr. Immured, registered. Price \$30, \$40 and \$50. Order from ad or write. No culls. Real Durocs for your dollars. G. M. SHEPHERD, LYONS, KAN.

Well Grown Spring Gilts

of Orion Cherry King and Pathfinder breeding, bred to an outstanding son of Great Sensation. Big smooth gilts, back backs and color. Also choice of fall boar pigs. A. J. CREITZ & SON, BELOIT, KANSAS

IMPROVE YOUR HERD NOW

Sows, gilts and boars for sale. Don't forget our great Duroc sale, February 7, at Turon, Kan. ZINK STOCK FARMS, TURON, KANSAS

Duroc Jersey Bred Sow Sale

50 bred sows and gilts, Burr Oak, Kan., February 21. One of the best herds in the country. Write for catalog. Address, W. L. FOGO, OWNER, BURR OAK, KAN.

Durocs \$20 to \$30

This includes some boars ready for service and choice fall pigs by Hurdler Pathfinder and Valley Wonder Sensation. Will sell on time. Ask for terms. E. C. MUNSSELL, RUSSELL, KANSAS

If possible. If unable to attend then send mail bids to J. T. Hunter in care of Wm. Hunt. Please mention Kansas Farmer and Mail and Breeze when writing for a catalog. Note that the sale is to be held at Paola, Kan. This is because of good railroad connections there but all communications with Mr. Hunt should be directed to his address at Osawatomie, Kan.—Advertisement.

Poland-Duroc Sale at Burlington, Kan.

A combined Poland-Duroc sale will be held at Burlington, Kan., Thursday, February 16, at which time 35 head of each breed will be sold as follows: Poles, 15 tried sows, three yearlings, 15 gilts, two boars, Durocs, three tried sows, 35 gilts. See this issue of the Kansas Farmer and Mail and Breeze for the advertisement giving blood lines and names of consignors and number each consignor. A combined sale like this offers excellent opportunity for one to have before him a large number of hogs of different blood lines from which to select such that will make good foundation blood lines for him or will be the kind that he should put in his herd already established. The individuality will be good too. E. M. Wayde, Burlington, Kan., will manage the Poland sale and H. A. Dressler, Lebo, Kan., will manage the Duroc sale. Write County Agent C. R. Jaccard, Burlington, Kan., for a catalog of the breed in which you are particularly interested. Please mention the Kansas Farmer and Mail and Breeze.—Advertisement.

Last Call for Unusually Good Duroc Circuit

There are some men in Kansas who have made production of purebred hogs their business. They are specialists in that business. In their breeding and feeding investigations they have found that certain blood lines and certain individuals carrying those blood lines have done well for them and have gone on with the selected sires and dams and improved their herds. Naturally, the purpose is to improve and produce a surplus and then dispose of the best at private treaty or public auction for breeding purposes while the poorer quality, the culls, go to market. A number of the best breeders of Kansas are holding a circuit of sales February 7-11. They are Zink Stock Farms, Turon, Kan., February 7; Wm. Fuika, Lyons, Kan., February 8; G. M. Shepherd, Lyons, Kan., February 9; W. A. Conyers & James, Conyers, Marion, Kan., February 10; and Pratt County Duroc association, Pratt, Kan., under management of V. S. Crippen, county agent, Pratt, Kan. These are all experienced breeders of good reputation. Their circuit advertisements appeared in the Kansas Farmer and Mail and Breeze issues of January 21 and 23. Read these advertisements to get information concerning the sales. Favorable conditions for the sale of the spring and good fall demand for market and breeding hogs make auction sales in February the logical time for buyers to invest in good breeding hogs. The breeding herds mentioned in this field note are among the very best in the state and you will make no mistake in buying from any of these breeders. There is yet sufficient time to get catalogs from some of the breeders selling in this circuit. Anyway, you will have excellent offerings before you at any of the sales, so attend as many as possible.—Advertisement.

BY J. COOK LAMB

Alpha Wiemers' Chester Whites

Alpha Wiemers of Diller, Neb., is starting his Chester White advertisement in this issue. He is offering a choice lot of fall yearlings and spring gilts, sired by Alpha Model, an 800 pound boar, and bred to Wiemers' Choice by Tichota's Choice for March and April farrow. Look up his advertisement and note his terms.—Advertisement.

The Lambert & Weatherwax Sale

The postponed Duroc sale of Lambert & Weatherwax, Beaver City, Neb., will be held on February 11 in the new sale pavilion. They are selling from the same catalog they got out for January 13 sale. If you have one save it for this sale. If you want one, write to H. P. Lambert, Beaver City, Neb. This sale offering is of the very best of Pathfinder and Sensation breeding. These men purchased sows from the largest Iowa and Nebraska breeders last year and are now offering the get of some of the breed's best sows and sires.—Advertisement.

H. L. Hageman's Poland China Sale

H. L. Hageman of Odell, Neb., is selling 30 head of his choice Poland China sows on February 20, 1922, in Odell. Mr. Hageman is one of the new men in the Poland China business but as per the quality of his herd he is strictly up-to-date. This year was his first time to show hogs, showing in ten different classes he won in nine of them, winning grand champion on his herd boar, White Sox. In this sale he is selling some very high class litter mates to this herd boar. The 26 head of spring gilts which he is selling are all sired by this champion boar. He is only selling thirty head and is selecting for this sale the same quality animals that he would like to use in his own herd. The sows will be bred to King Wonder by Commander King and Real Sensation by Commander.—Advertisement.

Von Forell Bros.' Poland China Sale

Von Forell Bros. of Chester, Neb., are selling a very fine offering of Poland China bred sows and gilts at farm 4 miles north-east of Chester, Neb., on February 15, 1922. They are putting in a lot of the best of Poland China breeding. Thirty-three spring gilts, all by Designer Jr. He is by Paul's Designer. He was junior champion at Nebraska 1921. A good number are by The Nebraska. Three by Yankee Boy, four by Smith's Yankee Bob and many other good sires. This lot of sows are selling bred to such boars as The Nebraska, he by the Yankee, Nebraska Orange Piece by Orange Piece and Big Design by Designer Jr. There is no better time than now to get hold of some good sows, while the price is down, and the margin of profit in production is never greater. There is no other business that has paid as big a profit in the last year as the old sow. A card will bring you a catalog of this sale.—Advertisement.

Blank Bros. & Kleen's Shorthorn Sale

Blank Bros. & Kleen are selling Shorthorn cattle at Franklin, Neb., on April 3, 1922. These breeders have held a large number of Shorthorn cattle sales and are making plans to put up the best offering they have ever sold both from breeding and quality standpoint. The sale will be largely of pure Scotch individuals. William Lauer of the firm of Blank & Lauer, is selling some choice individuals from their herd,

which will go in this sale. These firms are selling 40 head and the Nebraska Kansas Shorthorn Breeders' Association is selling 20 head—60 head in all. The offering will carry the blood of Golden King by Cumberland Marshall, and his sons and Ashbourne Reliance by Gainford Marshall. In this sale they are selling a good number of herd bull prospects by Golden King and Ashbourne Reliance. Send in your name if you want to get one of the sale catalogs.—Advertisement.

Earl Babcock's Duroc Sale

Earl Babcock of Fairbury, Neb., is selecting 40 head of his choice Duroc sows which he will sell in Fairbury, Neb., February 16, 1922. Mr. Babcock has made some great advancement in the building up of his herd in the last two years. He has been using some very select Pathfinder and Sensation boars. Last year he bought a son of A King Sensation at the Nebraska State Fair. A King Sensation took second place in very strong competition in his class. Also his sire, King Sensation Junior, took second in his class two years in succession. This line of breeding has been among the popular prize winners for several years. This fall Mr. Babcock purchased a son of Great Pathfinder, the boar that has done so much for the development of the Putnam & Son herd of Tecumseh. He has named this young boar Pathfinder Orion. A big percent of the sale offering will sell bred to this young herd sire.—Advertisement.

BY C. L. CARTER

The Hereford Round Up Sale

The most important Hereford event of the year is the Round Up sale at Kansas City because of the opportunities afforded range men, farmers and breeders to buy in open market the class of cattle best suited to their needs, and in any quantity. The auction begins March 1 and will be held each day until the cattle are disposed of. So far, about four hundred bulls and one hundred females have been selected from nearly sixty herds and the dates March 1, 2, 3 may be enough to dispose of them, though just stated the auction will continue until all animals are sold. Breeders are consigning a class of cattle that will creditably represent their herds. These cattle will be of all the best known families. They will be in practical, useful breeding condition, just right to go to the range or farm without a loss of flesh or demanding any special care. Range men will find thick, soggy young bulls ready for service, with good heads and horns, splendid colors, nicely marked, and the hair and hide that go with good doers. In the bull division will be a number that because of their blood lines and ancestry quality should go to head herds of purebred cows. Farmers who keep dairy stock will find bulls here that will put Hereford markings in the calves and turn loss into profit by siring stuff that will weigh and pay, which is far more business like than selling dairy calves under freight cost or knocking them in the head as is often done. The females should attract many to this auction because of the shortage of good she stuff on ranches and farms. Selling early in March this class of stuff will not command the prices it will later. All cattlemen believe that April and May will see good she stuff moving rapidly at higher prices. Plan to attend this sale. Stay a day or two and get a line on the cattle situation. For information write to R. J. Kinzer, American Hereford Cattle Ass'n, Kansas City, Mo. He will gladly tell you of the purposes of this sale and explain why it is to your advantage to be here. Be sure to mention the Kansas Farmer and Mail and Breeze.—Advertisement.

The Guthridge & Preston Duroc Sale

It is a fact that the big, stylish sows and gilts to sell in the Guthridge & Preston sale at Lockwood, Mo., February 18, are not surpassed by any other Duroc offering. These men are substantial breeders who know big Durocs, how to breed them and how to grow them. For this sale they have fully selected sows and gilts of unusual big type propensities from their biggest sows to mate with two of the greatest boars of the breed. Wonder Pathfinder was first in the junior pig class at Missouri State Fair in 1919. Last season right out of the breeding lot he went to Springfield, Mo., and in that strong show was first in class. But his value is because of his remarkable ability to sire boars and gilts that are readily salable at prices much above the average. O. K. Scissors is one of the most, if not the most, sensational young boars in America. This fellow is so big and smooth that it will hardly do to tell the truth about him. He truly is a wonder. Being sired by Jackson's Orion King and out of a dam by Scissors, his pedigree represents all that is best. These two boars are unsurpassed as sires of outstanding Durocs. They are both world grand champion boars, sired by a world grand champion and this O. K. Scissors looks to be a world grand champion for this year. Anyhow there wasn't a pig brought out last season that has a better chance. The sows and gilts in this auction are the big, modern kind, very smooth, deep sides, best of feet and legs and almost without exception have the extreme flesh that it takes for a show sow. Every one has splendid udder development. They are by Wonder Pathfinder, Ideal Pathfinder, Scissors Orion 2nd, Great Wonder's Giant, Scissors Model, Greater Orion Sensation, Great Orion Jr., Grand Sensation, Top Orion Sensation and Walt's Cherry Col. The only sow to sell in any sale other than at Pinecrest bred to the Great Scissors, is in this auction. She is a big, smooth, deep, maroon sow with lots of quality, the very type that has produced the world's record show stuff sired by Scissors. Send today for catalog of this great sale. This catalog contains a lot of rich pedigrees.—Advertisement.

BY T. W. MORSE

Remember the Shorthorn Congress

F. W. Harding of the American Shorthorn Breeders' association in discussing the selection of Shorthorn sires said, "I doubt if there is any other time or place that equals the Shorthorn Congress for the selection of a herd bull, considered from any standpoint." One hundred bulls and two hundred females are entered in the National Shorthorn Congress Show and will all be disposed of in the Congress sale. It is, in fact, a remarkable opportunity for critical buyers for the selection of foundation breeding stock. The large number offered for sale gives the buyers an advantage both as to selections and prices. Anyone contemplating founding a Shorthorn herd or improving the foundation of a herd already established should arrange to attend the coming Congress at Chicago, February 21-23.—Advertisement.

Choice Durocs From Leading Herds of Kansas

Hogs are more profitable than any other kind of livestock on the farm and the improved type of hogs are the most profitable. They not only produce more pounds of pork than grade hogs raised under like conditions but produce better pork. Choice purebred Durocs from five leading Kansas herds are advertised on this page.

Money Making Pathfinders and Scissors Durocs

Severy, Kansas, Monday, February 13. 40 Head—6 Tried Sows, 33 Gilts and 1 Boar

Valley Pathfinder by Pathfinder out of a Valley Col. dam heads the herd and has produced nearly all of the offering. This boar is a litter mate to the highest priced Kansas boar that has ever sold to an out of state buyer. Valley Pathfinder is an exceptionally good sire. Sires to which most of the offering is bred are Kansas Pathmaster by Pathmaster out of a Pathfinder Giant dam. He is a real boar; and Col. Scissors by Scissors out of an Orion Cherry King dam. Remember that Scissors has produced more prize winning Durocs than any other Duroc sire.

Some attractions in this good offering will be one tried sow by Valley Col. bred to Kansas Pathmaster. This sow is the dam of Valley Pathfinder, the great Conyers herd sire; 1 by Shepherd's Orion Sensation bred

to Valley Pathfinder; 1 fall yearling by Valley Pathfinder bred to Kansas Pathmaster; 1 gilt by Scissors bred to Kansas Pathmaster; and Col. Scissors by Scissors. This boar is selling because the herd is not large enough to justify use of three boars.

B. W. Conyers lives just north of Piedmont but should be addressed at Severy. Write today for catalog. Please mention Kansas Farmer-Mail and Breeze. Attend the sale if possible and get a few good Durocs. If unable to be present send mail bids to J. T. Hunter. Address

B. W. Conyers, Severy, Kansas

Boyd Newcom, Auctioneer

The Home of Grandchampion Pathrion

Wichita, Kansas, Tuesday, February 14. 50 Head—10 Tried Sows and 40 Spring Gilts

PATHRION, grandson of old Pathfinder as a senior pig won grand championship at 1920 Kansas Fair at Topeka. It takes an extraordinary good pig to win grand championship over aged competitors in a show ring but that is what Pathrion did in hot competition and this boar has proven himself a great sire. The forty spring gilts in the sale are by Pathrion and JACK'S ORION KING A by Jack's Orion King 2nd, 1917 world's junior champion, and GREAT ORION SENSATION 4TH by Great Orion Sensation, 1919-21 world's grand champion. Great Orion Sensation 4th has been pronounced by a number of Duroc breeders as the best son of Great Orion Sensation in Kansas.

The tried sows are bred to Great Orion Sensation 4th, and Pathrion.

Discriminating buyers at a bred sow sale demand individual excellence backed by good breeding and that the sow be carrying a litter by a good boar. Beyond a question of doubt the McComas offering in every respect will please the most progressive breeder.

To see is to believe. Write to W. D. McComas, Box 455, Wichita, Kan., for a catalog. Please mention Kansas Farmer-Mail and Breeze. If you cannot attend the sale, send mail bids to J. T. Hunter.

W. D. McComas, Box 455, Wichita, Kansas

Boyd Newcom, Auctioneer

W. W. Otey & Sons' Great Sale Offering

Winfield, Kan., Wednesday, Feb. 15. 35 Head—Sows, Gilts, Spring and Fall Yearlings

An offering of 20 great sows, gilts, spring and fall yearlings sired by the great boar, Pathfinder Chief 2nd; 5 gilts sired by Great Pathrion, 1920 Kansas grand champion and a winner at 1921 world's show at Peoria, Ill.; 10 head gilts sired by Intense Orion Sensation by Great Orion Sensation, 1919-21 world's grand champion.

These are mostly bred to Superior Sensation, a wonderful last fall grand champion sired by Giant Sensation by Great Orion Sensation out of a Pathfinder dam. Some are bred to Orion

Sensation, another good grandson of Great Orion Sensation.

Six sows and gilts are full sisters of Cherry Pathfinder, the 880 pound sow we own. Will also sell six sons and three daughters of Cherry Pathfinder. Will sell Intense Orion Sensation, one of our herd boars, and Orion Sensation by Great Orion Sensation 2nd. Never before have we offered such attractions in sows, gilts, and boars. J. T. Hunter, fieldman for Kansas Farmer-Mail and Breeze.

W. W. Otey & Sons, Winfield, Kansas

Boyd Newcom, Auctioneer

If You Want Something Better Wooddell & Danner Offer Durocs

Winfield, Kansas, Thursday, February 16. 41 Head—10 Tried Sows, 30 Gilts and 1 Boar

Sires producing most of the offering are: CHIEF'S WONDER, 1918 Kansas reserve grand champion and sire of Chief's King, 1919 Kansas junior champion. Chief's Wonder is in his sixth year and extraordinarily supple; I AM GREAT WONDER and ZION'S WONDER by Great Wonder I Am that founded the Great Sensation family; GREAT ORION 3RD by Great Orion, 1918 world's grand champion; and PATHFINDER CHIEF 2ND.

A number are out of the following good dams: Kansas Queen, the dam of CHIEF'S KING that was Kansas 1919 junior champion; Lady Uneeda; Chief's Lady; and Danner's Choice.

The offering is bred to MAJOR'S GREAT SENSATION by Major Sensation. This boar was 1921 Kansas junior champion against hot competition; Zion's Wonder; Chief's King; and Crimson Pathfinder.

G. B. Wooddell and T. F. Danner in their combined Duroc sales always have a good offering, the kind that go out and make money for the buyers. Buyers will find that these females offered in the Feb. 16 sale have been brought along in the right condition to go out and make good under ordinary conditions.

If you want to start right or if you want something better than you now have you will find it at the Wooddell & Danner sale. Write for catalog. Please mention Kansas Farmer-Mail and Breeze. If unable to attend, send mail bids to J. T. Hunter.

Wooddell & Danner, Winfield, Kansas

Boyd Newcom, Auctioneer

An Unusually Creditable Offering

Grenola, Kan., Friday, Feb. 17. 40 Head—6 Tried Sows, 6 Spg. Yrlngs., 14 Fall Gilts, 14 Spg. Gilts

Tried sows by VALLEY SENSATION by Great Sensation out of Valley Lady, Pathfinder Chief 2nd, and Crimson Orion King. Bred to MAJOR SENSATION'S COL. by Major Sensation, 1919 world's junior champion that nearly defeated his sire, Great Orion Sensation, in that memorable contest for national grand championship.

Spring yearlings by Valley Sensation and Pathfinder Chief 2nd. Fall yearlings by Valley Sensation, Major Sensation, Invincible King by Giant Invincible, and L's Pathrion, brother to 1920 Kansas grand champion, Spring gilts by Valley Sensation and Great Sensation Wonder.

Entire offering bred to the two great Larimore sires: Valley Sensation, and Major Sensation's Col. that with his litter sisters won nearly everything at 1921 Kansas National and at 1921 Topeka and Hutchinson fairs won several firsts. This is a great litter.

In the sale will be: Valley Lady Sensation, 1920 Kansas fair third aged sow; two litter sisters of 1921 Kansas junior champion boar; and a litter sister to Major Sensation's Col. that was first in 1921 Kansas futurity litter. COMPARISONS—Seven firsts were won by Kansas breeders at 1921 Kansas fair. Larimores won four of these firsts, and the junior champion boar at same fair came from their herd.

Larimores have done things with their herd as is evidenced by the winnings at fairs and they grew what they showed. These Durocs are the kind that you need. Write today for a catalog. Please mention Kansas Farmer-Mail and Breeze. If unable to attend, send mail bids to J. T. Hunter.

J. F. Larimore & Sons, Grenola, Kansas

Boyd Newcom, Auctioneer

The discriminating buyer at a purebred hog sale is more concerned with what kind of dams or sires are needed in his herd than with the cost of such dams or sires, and once having singled out the hogs that he needs does not stop bidding as long as the price asked remains within reasonable limits compatible with his pocketbook. If you need some Durocs write those breeders whose offerings provide the family lines you prefer, go early to each sale that you attend, look over the offering, carefully compare individuality with the pedigree as given in the catalog, make your first, second, third or more choice because some other bidder may not let you buy your first or even second choice, and then in the sale buy your hogs placing emphasis upon your need rather than upon cost. The five breeders whose advertisements appear on this page are reputable and the sales offer so wide a variety of family lines that anyone needing good Durocs can find what they want in one or more of these sales. If unable to attend send mail bids to J. T. Hunter who represents the Kansas Farmer and Mail and Breeze throughout the circuit. When writing for catalog please mention Kansas Farmer and Mail and Breeze.



The "U. S." Boot

Seventy-five years—

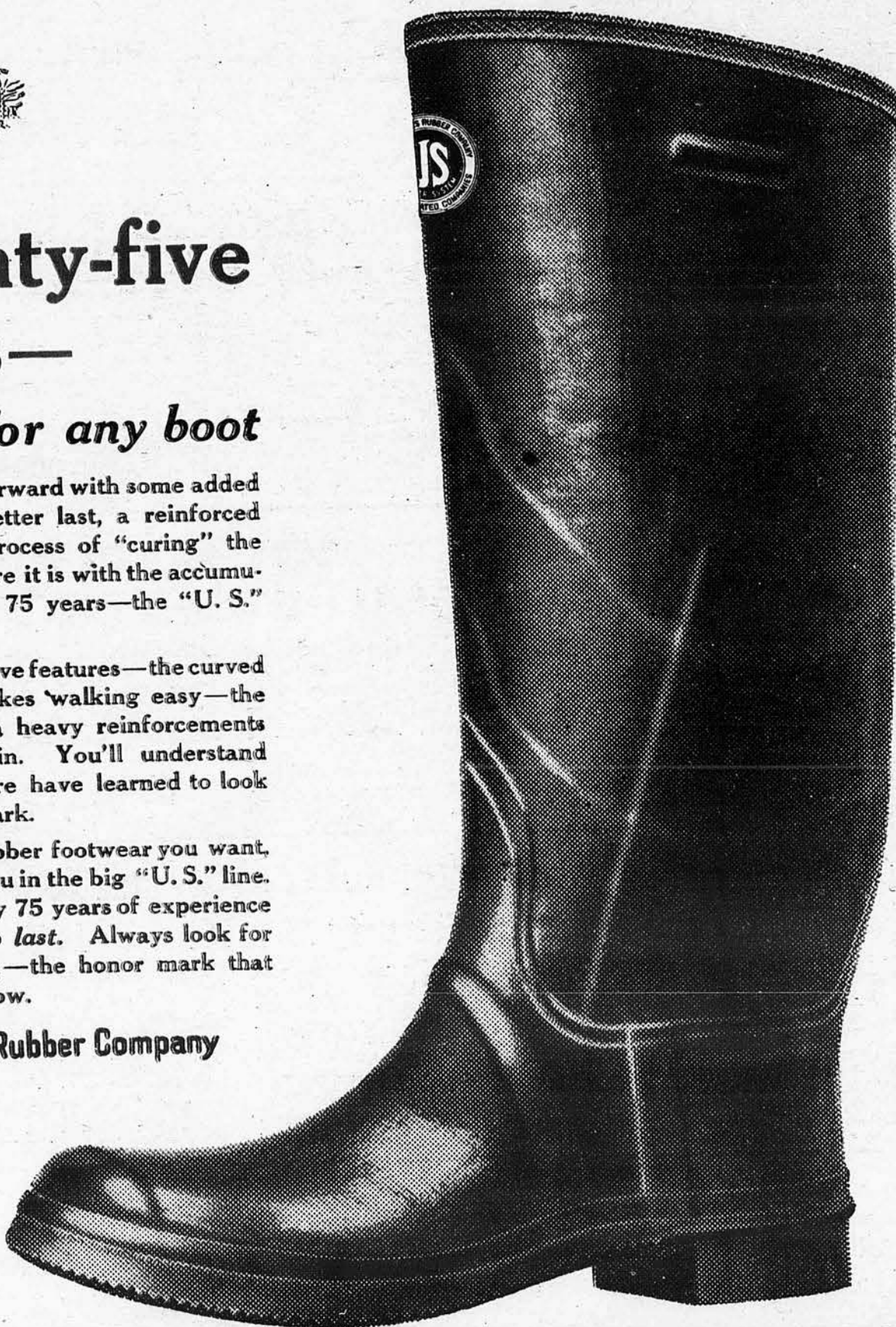
a stiff test for any boot

EVERY year a step forward with some added improvement—a better last, a reinforced heel, or an improved process of "curing" the rubber—until today here it is with the accumulated improvements of 75 years—the "U. S." Boot. Look it over!

Note the many exclusive features—the curved "Rocker" last that makes walking easy—the flanged sole—the extra heavy reinforcements at every point of strain. You'll understand why farmers everywhere have learned to look for the "U. S." trademark.

Whatever kind of rubber footwear you want, there's a type to suit you in the big "U. S." line. Every one is backed by 75 years of experience—every one is *built to last*. Always look for that "U. S." trademark—the honor mark that millions of farmers know.

United States Rubber Company



Look for this trademark on



all "U. S." Rubber Footwear